

PROJECT AGREEMENT

for the Stanton Territorial Hospital Project

The Government of the Northwest Territories
(the “**Authority**”)

And

Boreal Health Partnership
(“**Project Co**”)

Dated: September 22, 2015

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PROJECT AGREEMENT

THIS AGREEMENT dated as of September 22, 2015 is entered into:

BETWEEN:

The Government of the Northwest Territories
(the “**Authority**”)

AND:

Boreal Health Partnership
(“**Project Co**”)

WHEREAS:

A. pursuant to a request for proposals dated October 1, 2014 and the competitive selection process provided for therein, the Authority has selected Project Co to: (i) design, build, finance, operate, maintain and perform life cycle rehabilitation on the Facility; and (ii) complete the Initial Remediation Work at the Existing Facility; and

B. the rights and obligations between the parties will be governed by the terms and conditions set out in this Agreement.

NOW THEREFORE THIS AGREEMENT WITNESSES THAT, in consideration of the mutual covenants herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby expressly acknowledged by each of the parties hereto, the parties hereto agree as follows:

1. INTERPRETATION

1.1 Definitions

In this Agreement, unless the context otherwise requires, the capitalized terms will have the meanings set out in Schedule 1 [Definitions and Interpretation]. Certain words and expressions are defined within the schedules hereto and such definitions will apply, unless the context otherwise requires, in all other parts of this Agreement whether or not Schedule 1 [Definitions and Interpretation] contains a cross-reference to such definitions.

1.2 Interpretation

This Agreement will be interpreted and construed in accordance with the provisions set out in Schedule 1 [Definitions and Interpretation].

1.3 Schedules

The schedules hereto and the terms set out therein will be deemed fully a part of this Agreement.

2. GENERAL PROJECT TERMS

2.1 Term and Termination

The term of this Agreement (the “**Term**”) will commence on the Effective Date and will continue to the Expiry Date unless earlier terminated:

- (a) by the Authority at any time in its discretion, and at the convenience of the Authority, by notice stating that termination is for convenience pursuant to this Section 2.1(a);
- (b) by the Authority pursuant to Section 6.6 if the Authority elects not to re-instate the Project after receipt of a Reinstatement Plan;
- (c) by either party pursuant to Section 6.7 in connection with insufficient insurance;
- (d) by Project Co pursuant to Section 6.8 in connection with the economic reinstatement test during Construction;
- (e) by either party pursuant to Section 6.9 in connection with uncollectible Insurance Receivables;
- (f) by the Authority pursuant to Section 6.15(a) or 6.15(c)(ii) in connection with a Principal Insured Risk becoming Uninsurable;
- (g) by either party pursuant to Section 8.4(c) or 8.4(e) in connection with a Relief Event;
- (h) by either party pursuant to Section 8.6(c) or 8.6(d) in connection with a Force Majeure Event;
- (i) by the Authority pursuant to Section 12.4 in connection with a Project Co Event of Default; or
- (j) by Project Co pursuant to Section 13.3 in connection with an Authority Event of Default.

Unless otherwise specified, the Termination Date for such earlier terminations will be the date notice of termination is given by one party to the other party in accordance with this Agreement. Except as referred to in this Section 2.1, neither party will have the right to terminate this Agreement.

2.2 Document Deliveries

On or before the Financial Close Target Date:

- (a) Project Co will deliver to the Authority the documents described in Section 2 of Schedule 18 [Completion Documents]; and
- (b) the Authority will deliver to Project Co the documents described in Section 3 of Schedule 18 [Completion Documents].

2.3 Assumption of Risk

Except to the extent expressly allocated to the Authority or otherwise provided for under this Agreement, all risks, costs and expenses in relation to the performance by Project Co of its obligations under this Agreement are allocated to, and accepted by, Project Co as its entire and exclusive responsibility.

2.4 Opportunities

Except as expressly provided in this Agreement, or as may be specifically agreed in writing between the Authority and Project Co during the Term, the Authority reserves the right to all commercial and other opportunities for, or related to, the Project, the Lands and, prior to the Initial Remediation Work Completion Date, the Existing Hospital Lands.

2.5 General Duty of Project Co to Mitigate

In all cases where Project Co is entitled to receive from the Authority any compensation in addition to the payments described in Section 3.1(a), costs, damages or extensions of time, Project Co will use all reasonable efforts to mitigate such amount required to be paid by the Authority to Project Co under this Agreement, or the length of the extension of time. Upon request from the Authority, Project Co will promptly submit a detailed description, supported by all such documentation as the Authority may reasonably require, of the measures and steps taken by Project Co to mitigate and meet its obligations under this Section 2.5.

2.6 General Duty of Authority to Mitigate

In all cases where the Authority is entitled to receive from Project Co any compensation, costs or damages, but not in any other case, the Authority will use all reasonable efforts to mitigate such amount required to be paid by Project Co to the Authority under this Agreement, provided that such obligation will not require the Authority to:

- (a) take any action which is contrary to the public interest, as determined by the Authority in its discretion;
- (b) undertake any mitigation measure that might be available arising out of its status as a public body, but which measure would not normally be available to a private commercial party; or
- (c) alter the amount of any Deductions it is entitled to make in accordance with Schedule 8 [Payments].

The Authority will have no obligation to mitigate, implied or otherwise, except as set out in this Section 2.6 or as otherwise expressly set out in this Agreement. Upon request from Project Co, the Authority will promptly submit a detailed description, supported by all such documentation as Project Co may reasonably require, of the measures and steps taken by the Authority to mitigate and meet its obligations under this Section 2.6.

2.7 Representatives

Project Co and the Authority will each have a Design and Construction Representative, appointed in accordance with and with the rights and responsibilities set out in Schedule 2 [Design and Construction Protocols], and an Operating Period Representative, appointed in accordance with and with the rights and responsibilities set out in Schedule 4 [Services Protocols and Specifications]. Project Co's Design and Construction Representative and Operating Period Representative may be the same person. The Authority may in its discretion appoint the same person to any or all of its Representative positions. From time to time, the Authority may by notice in writing to Project Co change the signing authority of any or all of the Authority Representatives and appoint or remove one or more other persons having signing authority.

2.8 Key Individuals

Attached as Schedule 17 [Key Individuals] is a list of persons (the "**Key Individuals**") that Project Co will utilize in undertaking the Design, the Construction and the Services, as described in that Schedule. With respect to each of the Key Individuals:

- (a) Project Co will use all reasonable efforts to retain the Key Individuals to perform the duties for the period described in Schedule 17 [Key Individuals]; and
- (b) if for any reason a Key Individual resigns or is otherwise unavailable to perform the duties described in Schedule 17 [Key Individuals] then Project Co will use all reasonable efforts to retain a replacement with similar expertise and experience to the unavailable Key Individual, satisfactory to the Authority acting reasonably, and Project Co will not replace such Key Individual without the Authority's consent, acting reasonably.

No later than 3 months prior to the start of the Operating Period, Project Co will notify the Authority of the name and qualifications of the person designated by Project Co to be the "General Manager" or equivalent as of the start of the Operating Period, and such person will from the date of such notice also be a Key Individual for the purposes of Section 2.8(b) above.

2.9 Naming

The Authority will have the exclusive right to name the Facility and any parts thereof.

2.10 Signs

Subject to Section 6.22 of Schedule 2 [Design and Construction Protocols], Project Co will not erect or maintain any signs on the Lands, the Existing Hospital Lands or in or on the Existing Hospital or the Facility without the written consent of the Authority. Project Co acknowledges that the Authority will generally require that signage on the Lands and/or related to the Facility after the Service Commencement Date display only the name and logo of the Authority and that it is unlikely that the Authority will consent to any signage containing the name of Project Co or any Project Contractor or Sub-Contractor after the Service Commencement Date.

3. AUTHORITY'S GENERAL OBLIGATIONS

3.1 Payments

Subject to Project Co meeting the requirements for payment set out in this Agreement, the Authority will pay Project Co amounts expressly provided for herein, including:

- (a) the Service Payments, the Construction Payments and the Periodic Payments as set out in Schedule 8 [Payments];
- (b) the Termination Payments as set out in Schedule 9 [Compensation on Termination];
- (c) amounts owing under Section 6 (Insurance, Damage and Destruction);
- (d) amounts owing under Section 7 (Changes, Minor Works and Innovation Proposals);
- (e) amounts owing under Section 8 (Supervening Events);
- (f) amounts owing under Section 9 (Indemnities and Limits on Liabilities and Remedies);
and
- (g) amounts owing pursuant to the final resolution of a Dispute in accordance with the Dispute Resolution Procedure set out in Schedule 13 [Dispute Resolution Procedure],

in accordance with the provisions of this Agreement and all applicable Laws.

3.2 Limitation on Payments

Other than the payments expressly provided for herein, Project Co will have no right to any further payment from the Authority in connection with the Design, the Construction, the Services or otherwise in connection with the Project.

3.3 Provision of Lands

The Authority will make the Lands and the Existing Hospital Lands available for the Project in accordance with Schedule 7 [Lands] and the parties' rights and obligations in respect of the Lands and the Existing Hospital Lands are set out in such Schedule.

3.4 Representations and Warranties

The Authority represents and warrants to Project Co, as of the Effective Date, that:

- (a) the Authority has full power and capacity to enter into, carry out the transactions contemplated by and duly observe and perform all its obligations contained in this Agreement and all other documents, instruments and agreements required to be executed and delivered by the Authority pursuant to this Agreement;

- (b) the execution and delivery of this Agreement and all documents, instruments and agreements required to be executed and delivered by the Authority pursuant to this Agreement, and the completion of the transactions contemplated by this Agreement, have been duly authorized by all necessary corporate action on the part of the Authority, and this Agreement has been duly executed and delivered by the Authority and constitutes a legal, valid and binding obligation of the Authority enforceable in accordance with its terms, subject to limitations on account of bankruptcy, insolvency, liquidation, reorganization, reconstruction and other similar laws of general application affecting the enforceability of remedies and rights of creditors and subject to availability of equitable remedies such as specific performance and injunction that are in the discretion of a court;
- (c) all required third party consents to the execution by the Authority of, and performance of its obligations under, this Agreement have been received;
- (d) the Authority has the rights and interest in and to the Lands and the Existing Hospital Lands, in each case free and clear of all encumbrances, restrictions or limitations except the Encumbrances and any encumbrances which do not adversely affect, financially or otherwise, the Licence, the Existing Hospital Licence and the ability of Project Co to conduct the Design, the Construction, the Initial Remediation Work or provide the Services as contemplated by this Agreement;
- (e) the parcels or interests comprising the Lands and the Existing Hospital Lands permit the grant of the Licence and the Existing Hospital Licence by the Authority and the conduct by Project Co of the Design, the Construction, the Initial Remediation Work and the provision by Project Co of the Services as contemplated by this Agreement;
- (f) to the extent the chief officer delegated by the Authority for the Project Has Knowledge, there are no facts or information relating to the Project or Disclosed Data which the Authority has intentionally not disclosed to Project Co and which, if learned by Project Co, would reasonably be expected to materially affect Project Co's evaluation of the risks Project Co is assuming pursuant to this Agreement; and
- (g) no injunction or restraining order or other decision, ruling or order of a court or administrative tribunal of competent jurisdiction is in effect which prohibits, restrains, limits or imposes conditions on the ability of the Authority to perform its obligations under this Agreement.

4. PROJECT CO'S GENERAL OBLIGATIONS

4.1 General Project Obligations

Subject to and in accordance with the provisions of this Agreement and all applicable Laws and Permits, Project Co will:

- (a) carry out the Design and the Construction; and

- (b) perform the Services.

4.1A Existing Hospital Obligations

Subject to and in accordance with the provisions of this Agreement and all applicable Laws and Permits, Project Co will:

- (a) provide the Existing Hospital Security;
- (b) perform the Initial Remediation Work during the Existing Hospital Works Period; and
- (c) from the Effective Date to the Initial Remediation Work Completion Date, perform the Design, the Construction and the Initial Remediation Work in compliance with the provisions of this Agreement and in a manner that will not impact the operation of the Existing Hospital during its operation before Service Commencement, including in accordance with the following provisions:
 - (1) Sections 2.10, 4.13, 14.2, 14.3 and 14.4 of this Agreement;
 - (2) Sections 2.6, 6.2, 6.11, 6.12, 6.13, 6.20, 6.21 and 6.23 of Schedule 2 [Design and Construction Protocols];
 - (3) Sections 2.4, 2.6, 3.9, 5.7, 6.8, 6.13, 7.2, 7.3, 7.4, 7.6 and 7.7 of Schedule 3 [Design and Construction Specifications];
 - (4) Section 3.3 of Schedule 6 [Changes, Minor Works and Innovation Proposals];
 - (5) Sections 2.2, 3.2, 3.3, 3.5, 3.6, 4.1 and 4.2 of Schedule 7 [Lands];
 - (6) Sections 1 and 2 of Schedule 14 [Records and Reports]; and
 - (7) Section 2 of Schedule 18 [Completion Documents]

but, specifically excluding any provisions of Schedule 4 [Services Protocols and Specifications] and Schedule 8 [Payments],

(cumulatively, the “**Existing Hospital Obligations**”).

4.2 Records and Reports

Project Co will, at its own cost and expense, retain and maintain the records and reports referred to in Schedule 14 [Records and Reports] in accordance with such Schedule and in a form that is capable of audit by the Authority. Project Co will:

- (a) make all such records available to the Authority for inspection and copying (at the Authority’s expense) during normal business hours upon reasonable notice; and

- (b) upon request from the Authority provide the Authority with electronic copies of any such records as soon as reasonably practicable.

4.3 No Other Business

Project Co will not engage in any business or activity other than the business or activities conducted for the purpose of the Project or otherwise expressly permitted hereunder.

4.4 Project Co Persons

Project Co will, as between itself and the Authority, be responsible for, and not relieved of its obligations hereunder by, the acts, omissions, breaches, defaults, non-compliance, negligence and wilful misconduct of each Project Co Person and all references in this Agreement to any act, omission, breach, default, non-compliance, negligence or wilful misconduct of Project Co will be construed accordingly to include any such act, omission, breach, default, non-compliance, negligence or wilful misconduct committed by a Project Co Person.

4.5 Use of Sub-Contractors

Without limiting Section 4.4, the Authority acknowledges that Project Co may carry out the Design, the Construction and the Services by contracting such obligations to Project Contractors who in turn may contract all or part of their obligations under any Project Contract to one or more Sub-Contractors. In respect of the Project, Project Co will not contract with, nor allow any of its Project Contractors or any Sub-Contractors to contract with, any Person that is a Restricted Person. Notwithstanding the use of Project Contractors or Sub-Contractors, Project Co:

- (a) will not be relieved or excused from any of its obligations or liabilities under this Agreement; and
- (b) will remain principally liable to the Authority for the due observance and performance of all the covenants, obligations, agreements and conditions of this Agreement that are to be observed and performed by Project Co.

4.6 Material Contracts

Project Co will not:

- (a) terminate, or agree to or permit the termination of, all or any material part of any Material Contract except:
 - (i) as required to do so by the Authority pursuant to the provisions of this Agreement;
 - (ii) if there is an event of default under a Material Contract and Project Co terminates it in order to prevent or cure a Project Co Event of Default; or

- (iii) where the termination occurs automatically as a result of the bankruptcy or insolvency of the Material Contract Party pursuant to the terms of the Material Contract;
- (b) make, or agree to or permit the making of:
 - (i) any material amendment of any Material Contract, other than amendments (whether made by Change Certificate or otherwise) that are the direct and reasonable consequence of a Change; or
 - (ii) any departure by any party from any material provision of any Material Contract;
- (c) permit any Material Contract Party to assign or transfer to any Person any of such Material Contract Party's rights or obligations under a Material Contract other than by way of a Sub-Contract that is not a subcontract of all or substantially all of the obligations under the Material Contract or by way of assignment by way of security by a Material Contract Party; or
- (d) enter into, or permit the entering into of, any Material Contract other than those entered into on or before the Effective Date,

unless Project Co has, at its earliest practicable opportunity, submitted to the Authority notice of the proposed course of action (and any relevant documentation) and the Authority has consented to such course of action, such consent not to be unreasonably withheld or delayed. The Authority will give or deny such consent within: (i) 10 Business Days of receipt of such notice and all relevant documentation, if Project Co is seeking to terminate a Material Contract and such Material Contract may, in accordance with its terms, be terminated immediately; and (ii) 30 Business Days of receipt of such notice and all relevant documentation in all other cases, and if the Authority fails to give or deny its consent within such time periods it will be deemed to have given its consent. In determining whether to provide such consent and without limiting the Authority's discretion, it will be reasonable for the Authority to refuse its consent to the proposed course of action if:

- (e) the proposed assignee, transferee or party entering into any Material Contract, or any of its Affiliates, is a Restricted Person; or
- (f) the proposed course of action could, in the reasonable opinion of the Authority, have a material adverse effect on the Authority or the Project.

4.7 Costs of Request for Consent

If Project Co requests consent to a proposed course of action pursuant to Section 4.6, Project Co will pay, without duplication, the Authority's reasonable internal administrative and personnel costs and all reasonable out-of-pocket costs in connection with considering any such request.

4.8 Replacement Material Contract

If any Material Contract at any time lapses, terminates, or otherwise ceases to be in full force and effect (whether by reason of expiry or otherwise), unless the goods, services or rights which were the subject matter of such Material Contract are no longer reasonably required for the Project:

- (a) Project Co will forthwith enter into, or cause to be entered into, a replacement contract or contracts upon the same or substantially similar terms as the contract so replaced (to the extent reasonably practicable); and
- (b) if the Authority and the relevant Material Contract Party had entered into a Material Project Contractor Collateral Agreement with respect to the replaced Material Contract, Project Co will forthwith enter into, or cause the replacement Material Contract Party to enter into, a Material Project Contractor Collateral Agreement.

4.9 Delivery of Amended Material Contracts

If at any time any amendment is made to any Material Contract, or a replacement Material Contract (or any agreement which materially affects the interpretation or application of any Material Contract) is entered into, Project Co will deliver to the Authority a copy of each such amendment or agreement within 10 Business Days of the date of its execution or creation, certified as a true copy by an officer of Project Co.

4.10 Project Co's Representations and Warranties

Project Co represents and warrants to the Authority that:

- (a) Project Co is a general partnership duly formed and validly existing under the laws of Ontario and has full power and capacity to enter into, carry out the transactions contemplated by and duly observe and perform all its obligations contained in this Agreement and all other documents, instruments and agreements required to be executed and delivered by Project Co pursuant to this Agreement;
- (b) not used;
- (c) the information set out in Schedule 12 [Project Co's Ownership Information] is true and correct and there is, as at the date of this Agreement, no outstanding offer, agreement or other arrangement pursuant to which:
 - (i) any Person is obligated to subscribe for or take by means of transfer or by conversion any form of investment, security or voting rights in Project Co; or
 - (ii) the partnership agreement governing Project Co will be amended or otherwise altered;
- (d) none of Project Co, Persons who control Project Co or any Affiliates of those Persons who control Project Co, the Project Contractors and Sub-Contractors are Restricted Persons;

- (e) the execution and delivery of this Agreement and all other documents, instruments and agreements required to be executed and delivered by Project Co pursuant to this Agreement, and the completion of the transactions contemplated by this Agreement, have been duly authorized by all necessary partnership action on the part of Project Co, and this Agreement has been duly executed and delivered by Project Co and constitutes a legal, valid and binding obligation of Project Co enforceable in accordance with its terms, subject to limitations on account of bankruptcy, insolvency, liquidation, reorganization, reconstruction and other similar laws of general application affecting the enforceability of remedies and rights of creditors and subject to availability of equitable remedies such as specific performance and injunction that are in the discretion of a court;
- (f) all required third party consents to the execution by Project Co of, and performance of its obligations under, this Agreement have been received, other than any Permits and other approvals contemplated herein to be obtained after the Effective Date in connection with the Project;
- (g) it has carefully reviewed the whole of this Agreement, including the Design and Construction Protocols, the Design and Construction Specifications, the Services Protocols and Specifications and all applicable Laws, and has taken all steps it considers necessary to satisfy itself that nothing contained herein inhibits or prevents Project Co from performing and completing the Design, the Construction and the Services in accordance with this Agreement in a good and safe manner in accordance with Good Industry Practice so that Project Co achieves and satisfies the requirements of this Agreement; and
- (h) no injunction or restraining order or other decision, ruling or order of a court or administrative tribunal of competent jurisdiction is in effect that prohibits, restrains, limits or imposes conditions on the ability of Project Co to perform its obligations under this Agreement.

The representation and warranty of Project Co in Section 4.10(g) is included only for the purpose of allowing the Authority to rely on it for the purpose of defending or contesting any action brought against the Authority pursuant to this Agreement or any claim by Project Co for damages, extensions of time, additional compensation or any other relief arising pursuant to this Agreement and the Authority may not rely on such representation and warranty for the purpose of bringing any action against Project Co or for the purposes of terminating this Agreement.

Project Co hereby acknowledges receipt of notice of Section 46 of the *Financial Administration Act* (Northwest Territories).

4.11 Disclosed Data

It is Project Co's responsibility to have conducted its own analysis and review of the Project and, before the execution of this Agreement, to have taken all steps it considers necessary to satisfy itself as to the accuracy, completeness and applicability of any Disclosed Data upon which it places reliance and to assess all risks related to the Project. Subject to Section (e) of the definition of Compensation Event and the Authority's obligations set out in Schedule 7 [Lands], Project Co will not be entitled to and will not

make (and will ensure that no Project Contractor or Sub-Contractor makes) any claim against the Authority or any Authority Indemnified Persons, whether in contract, tort or otherwise including any claim in damages for extensions of time or for additional payments under this Agreement on the grounds:

- (a) of any misunderstanding or misapprehension in respect of the Disclosed Data;
- (b) that the Disclosed Data was incorrect or insufficient; or
- (c) that incorrect or insufficient information relating to the Disclosed Data was given to it by any Person other than the Authority,

nor will Project Co be relieved from any obligation imposed on or undertaken by it under this Agreement on any such ground.

4.12 Responses to Authority Inquiries

Unless otherwise specified in this Agreement, Project Co will respond in writing to all written inquiries received from the Authority as soon as reasonably practicable and in any event within 10 Business Days of receipt of such inquiry or such longer period as the circumstances and content of the inquiry may reasonably require.

4.13 Restrictions on Use of Hazardous Substances

Unless otherwise expressly required or permitted under this Agreement, Project Co will not install, use or store on the Lands, the Existing Hospital Lands or adjacent property any materials, equipment or apparatus, the installation, use or storage of which is likely to cause or in fact causes the generation, accumulation or migration of any Hazardous Substance in contravention of any applicable Laws. Without limiting the generality of the foregoing, Project Co will not use the Lands or the Existing Hospital Lands to dispose of, handle or treat any Hazardous Substances, in a manner that would cause the Lands, the Existing Hospital Lands, or any adjacent property to become a contaminated site under applicable Laws.

5. FINANCING OF THE PROJECT

5.1 Compliance with Senior Financing Agreements

Project Co will keep the Senior Financing Agreements in good standing and will ensure that none of the terms and conditions of the Senior Financing Agreements will prevent Project Co from performing its obligations under this Agreement. If at any time Project Co receives a notice that an “event of default”, any event entitling the Senior Lenders to enforce any security or any other similar event has occurred under the Senior Financing Agreements, Project Co will forthwith deliver to the Authority a copy of such notice.

5.2 Changes to Senior Financing Agreements

Project Co will not without the written consent of the Authority, not to be unreasonably withheld or delayed, terminate, amend, assign or otherwise modify the Senior Financing Agreements, or waive or exercise any of its rights under the Senior Financing Agreements or enter into any replacement Senior

Financing Agreement or any agreement which affects the interpretation or application of any Senior Financing Agreements if such action would:

- (a) adversely affect Project Co's ability to perform its obligations under this Agreement; or
- (b) have the effect of increasing any liability or potential liability of the Authority other than as contemplated in the Financial Model.

If at any time any amendment is made to any Senior Financing Agreement or Project Co enters into any replacement Senior Financing Agreement (or any agreement which affects the interpretation or application of any Senior Financing Agreement), Project Co will deliver to the Authority a copy of each such amendment or agreement within 5 Business Days of the date of its execution or creation, certified as a true copy by an officer of Project Co.

5.3 Consent Required for Refinancing

Except for an Exempt Refinancing, Project Co will not enter into any Refinancing without the written consent of the Authority, not to be unreasonably withheld or delayed. Without limitation, it will be reasonable for the Authority to withhold consent if such Refinancing occurs before the Service Commencement Date, has a material adverse effect on Project Co's ability to perform its obligations under this Agreement, increases any liability or potential liability of the Authority (unless the Authority is specifically compensated for such liability or potential liability) or is with a Restricted Person.

5.4 Refinancing Process

If Project Co intends to undertake a Qualifying Refinancing, Project Co will notify the Authority of such intention at least 80 Business Days (or such later date agreed by the Authority, acting reasonably) before the anticipated completion date of such Refinancing and will include with such notice all applicable information then available to Project Co (including any of the information set out below in this Section 5.4 if and to the extent available to Project Co at that time). Project Co will keep the Authority informed of the progress of the proposed Refinancing, will provide the Authority with additional information as it is available, and will consult with and reasonably take into account the views of the Authority during the Refinancing process. Without limiting the foregoing, as soon as reasonably available, and in any event no later than 20 Business Days (or such later date agreed by the Authority, acting reasonably) before the anticipated completion date of such Refinancing, Project Co will provide to the Authority (not necessarily all at the same time):

- (a) all proposed revisions to the Senior Financing Agreements;
- (b) a copy of the proposed updated Financial Model both before and after the Refinancing;
- (c) the basis for the assumptions and calculations used in the proposed updated Financial Model;
- (d) particulars of:

- (i) any increase in the principal amount of all funding for the Project committed under the Senior Financing Agreements that will result from the proposed Refinancing;
 - (ii) the nature (and estimated amount if reasonably capable of being calculated or estimated) of any other potential increase in the liability of the Authority, including on early termination of this Agreement, that would be reasonably likely to arise from the proposed Refinancing;
 - (iii) any effect on Project Co's ability to perform its obligations under this Agreement;
 - (iv) the terms of the proposed Refinancing;
 - (v) the lenders and other parties proposed to be involved in the proposed Refinancing; and
 - (vi) the financing instruments to be used to carry out the proposed Refinancing and their key attributes (especially as to those attributes that would or could affect the liability of the Authority on any early termination of this Agreement);
- (e) a statement setting out Project Co's estimate of the resulting Refinancing Gain, including the Authority's share thereof expressed in terms of:
- (i) the payment described in Section 5.6(a) (Payment to the Authority) (including the estimated timing of receipt thereof by the Authority); and
 - (ii) the reduction of Service Payments described in Section 5.6(b) (Payment to the Authority); and
- (f) a schedule for implementation of the proposed Refinancing including the principal milestones and proposed dates for the achievement of such milestones (including the estimated date for closing of the proposed Refinancing).

Project Co will promptly provide all other documents and information related to the proposed Refinancing as the Authority may reasonably request. If any change is proposed to the information provided to the Authority pursuant to the above, including information referred to in Sections 5.4(a) to 5.4(f), Project Co will promptly (and in any event not less than 10 Business Days before the completion date of the proposed Refinancing) provide the Authority with full details of the change. Project Co will only proceed with a Qualifying Refinancing in accordance with the information provided to the Authority in accordance with this Section 5.4 and in compliance with the other applicable provisions of this Section 5.

5.5 The Authority's Share of Refinancing Gain

The Authority will be entitled to receive a [REDACTED] share of any Refinancing Gain arising from a Qualifying Refinancing. The Authority's share will be calculated as at the time of each Qualifying Refinancing.

5.6 Payment to the Authority

The Authority may elect to receive its share of any Refinancing Gain as:

- (a) a single payment, in accordance with Section 10.1 (Lump Sum Payments), in an amount no greater than any Distribution made by Project Co arising as a result of the Refinancing;
- (b) a reduction, in accordance with Section 10.3 (Adjustments to Service Payments), in the Service Payments over the remainder of the Term; or
- (c) a combination of (a) and (b).

5.7 Calculation of Refinancing Gain

The Authority and Project Co will negotiate in good faith the basis and method of calculation of the Refinancing Gain and payment of the Authority's share of the Refinancing Gain, taking into account how the Authority has elected to receive its share of the Refinancing Gain pursuant to Section 5.6 and the profile of the Refinancing Gain. The Refinancing Gain will be calculated after taking into account the reasonable and proper professional costs that Project Co directly incurs in relation to the Refinancing and, if applicable, the Authority's costs that Project Co pays pursuant to Section 5.8. If the Authority and Project Co are unable to agree on the basis and method of calculation of the Refinancing Gain or the payment of the Authority's share, the Dispute will be determined in accordance with the Dispute Resolution Procedure.

5.8 The Authority's Expenses

Project Co will pay the Authority's reasonable internal administrative and personnel costs and all reasonable out-of-pocket costs in connection with a consent under Section 5.2 or 5.3. The amounts payable under this Section 5 are payable even if the Refinancing Gain is determined to be zero.

5.9 Audit Rights

The Authority will have unrestricted rights of audit at any time (whether before or after the applicable event) over any proposed Financial Model, books, records and other documentation (including any aspect of the calculation of any Refinancing Gain) used in connection with any Refinancing or any other matter for which Project Co requires consent from the Authority under this Section 5.

6. INSURANCE, DAMAGE AND DESTRUCTION

6.1 Insurance Coverage

Subject to Section 6.15(b), Project Co will take out, maintain in force, pay for and renew, or cause to be taken out, maintained in force, paid for and renewed, insurance for the Project as set out in Schedule 5 [Insurance Requirements].

6.2 Agreement Not Affected by Damage or Destruction

Except as otherwise expressly provided, the partial destruction or damage or complete destruction by any event causing damage to the Facility will not permit either party to terminate this Agreement or entitle Project Co to surrender possession of the Facility or to demand any increase in any amounts payable to Project Co under this Agreement and all of the provisions of this Agreement, including Section 8 (Supervening Events) will continue to apply.

6.3 Project Co's Obligations - Damage or Destruction

Subject to Section 6.4, and without prejudice to Section 8, if all or any part of the Facility is damaged or destroyed, Project Co will repair, replace or restore the part of the Facility so damaged or destroyed in accordance with the Design and Construction Specifications subject only to:

- (a) applicable Laws; and
- (b) the Authority agreeing to pay to Project Co:
 - (i) the amount, if any, by which the cost of such repair, replacement or restoration exceeds the maximum amount of insurance coverage required under this Agreement for such risk (which for greater certainty is the maximum amount of coverage prior to any deductibles for which Project Co is responsible pursuant to Schedule 5 [Insurance Requirements]); or
 - (ii) if no insurance coverage is required under this Agreement for such risk, an amount equal to the total costs of such repair, replacement or restoration,

and if the Authority agrees, the Authority will pay such amounts within 30 calendar days of receipt of one or more invoices from Project Co indicating that such amounts are due and payable by Project Co in connection with such repair, replacement or restoration.

For the purposes of this Section 6.3, the maximum amount of insurance coverage is in respect of insurance required to be obtained by Project Co, the full amount of coverage required under this Agreement for such risk prior to any deductibles for which Project Co is responsible pursuant to Schedule 5 [Insurance Requirements].

6.4 Project Co's Obligations - Material Damage or Destruction

If the Facility suffers damage or destruction that is likely to cost more than [REDACTED] (Index Linked) to repair, replace and restore:

- (a) Project Co will, as soon as practicable and in any event within 20 Business Days of such damage or destruction, and before undertaking any material remedial work (other than any emergency work required to stabilize other parts of the Facility or to facilitate the continued provision of the Services to other parts of the Facility), provide the Authority with a draft plan (the "**Draft Reinstatement Plan**") for the carrying out of the works necessary (the "**Reinstatement Works**") to repair, replace and restore the damaged or

destroyed portions of the Facility and related assets, and containing to the extent possible the details required to be included in the Reinstatement Plan under (d) below;

- (b) as soon as reasonably practicable and in any event within 20 Business Days after the delivery of the Draft Reinstatement Plan, the Authority:
 - (i) will provide Project Co with any comments it may have on the Draft Reinstatement Plan; and
 - (ii) if it has decided that the Facility is not required to be reinstated in the same form as prior to the damage or destruction, will issue a Preliminary Change Instruction to that effect;
- (c) as soon as reasonably practicable and in any event within 10 Business Days after receipt of the Authority's comments pursuant to Section 6.4(b)(i), Project Co will deliver to the Authority a revised plan (the "**Reinstatement Plan**") amending the Draft Reinstatement Plan to reasonably take into account the comments received from the Authority and those changes to the Draft Reinstatement Plan necessary to reflect the contractual terms agreed (as negotiated and finalised) with the person effecting the Reinstatement Works; and
- (d) the Reinstatement Plan will set out in as much detail as is reasonable in the circumstances:
 - (i) the identity of the person, or (if Project Co is seeking competitive tenders) persons intended, to carry out the Reinstatement Works;
 - (ii) the terms and timetable or (if not then established) the reasonably anticipated terms and timetable upon which the Reinstatement Works are to be effected (including the date upon which the Facility is reasonably expected to become fully operational again and the Services to be fully provided);
 - (iii) the impact that implementation of the Reinstatement Plan will have on the revenues of Project Co under this Agreement and on the payment obligations of Project Co under the Project Contracts, including in respect of Life Cycle Requirements;
 - (iv) the total cost or (if not then established) the reasonably anticipated total cost of the Reinstatement Works; and
 - (v) the impact of any Change requested by the Authority as part of the reinstatement.

Thereafter, unless a party elects to terminate this Agreement (in accordance with the provisions of Section 6.6, 6.7, 6.8 or 6.9 or otherwise), subject to Section 6.3, Project Co will repair, replace or restore the Facility, subject to applicable Laws.

6.5 Financial Model Update

Upon delivery of the Reinstatement Plan, Project Co will amend the Financial Model based on the following assumptions:

- (a) that the Reinstatement Plan will be effected in accordance with its terms;
- (b) that the payments under the Senior Financing Agreements (including any amendments agreed between Project Co and the Senior Lenders in connection with the Reinstatement Plan in respect of which a consent request has been submitted to the Authority) to be paid during the period of the Reinstatement Plan will be met without any rescheduling; and
- (c) that payments in respect of any Change comprised in the Reinstatement Plan will be determined in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals],

and will deliver the updated Financial Model to the Authority for its approval, not to be unreasonably withheld or delayed.

6.6 Authority Election Not to Reinststate

The Authority may, by notice to Project Co within 20 Business Days after receipt of the Reinstatement Plan, at its discretion elect not to reinstate the Facility, terminate this Agreement and pay compensation to Project Co in accordance with Section 2 of Schedule 9 [Compensation on Termination].

6.7 Insufficient Insurance

If:

- (a) the Facility is completely or substantially destroyed;
- (b) the cost to repair, replace or restore the Facility exceeds the maximum amount of insurance coverage (which for greater certainty is the maximum amount of coverage prior to any deductibles for which Project Co is responsible pursuant to Schedule 5 [Insurance Requirements]) required under this Agreement for the risk that caused the destruction; and
- (c) neither the Authority nor Project Co has agreed to pay the amount by which the cost to repair, replace or restore the Facility exceeds the Insurance Proceeds and Insurance Receivables with respect to such destruction,

at any time on or after 20 Business Days after delivery of the Reinstatement Plan to the Authority, either party may, by notice to the other party, terminate this Agreement, in which case the Authority will pay compensation to Project Co in accordance with Section 5 of Schedule 9 [Compensation on Termination].

6.8 Economic Reinstatement Test During Construction

Project Co may, by notice to the Authority, terminate this Agreement if:

- (a) prior to the Service Commencement Date the Facility suffers damage or destruction that is likely to cost more than [REDACTED] (Index Linked) to repair, replace and restore; and
- (b) on the date determined (in accordance with this Agreement) to be the revised Service Commencement Date following such reinstatement (the "Forecast Service Commencement Date") the Project Reinstatement Ratio (as defined below) would be less than 1.10.

If this Agreement is terminated in accordance with this Section 6.8, the Authority will pay compensation to Project Co in accordance with Section 4 of Schedule 9 (Compensation on Termination).

In this Section 6.8, "**Project Reinstatement Ratio**" means the quotient of:

- (c) the sum of:
 - (i) the present value as at the Forecast Service Commencement Date of the projected Free Cash Flow (as defined in the Trust Indenture) from the Forecast Service Commencement Date to and including the Senior Bonds Maturity Date (as defined in the Trust Indenture), calculated by discounting such Free Cash Flow back to the Forecast Service Commencement Date using a discount rate equal to the annual Senior Bonds Interest Rate (as defined in the Trust Indenture); and
 - (ii) the balance of the Debt Service Reserve Account (as defined in the Trust Indenture) as at the Forecast Service Commencement Date,divided by:
- (d) the amount outstanding on the Senior Bonds (as defined in the Trust Indenture) as at the Forecast Service Commencement Date.

6.9 Uncollectible Insurance Receivables

If at any time while Project Co is relieved of its obligations under Sections 6.3 or 6.4 by reason of the Relief Event described in Section (f) of the definition of Relief Event in Schedule 1 [Definitions and Interpretation]:

- (a) Project Co has complied with its obligations hereunder with respect to such Relief Event; and
- (b) notwithstanding such compliance by Project Co collection of the applicable Insurance Receivables is not possible using all reasonable efforts,

either party may, by notice to the other party, terminate this Agreement, in which case the Authority will pay compensation to Project Co in accordance with Section 5 of Schedule 9 [Compensation on Termination].

6.10 Application of Insurance Proceeds If No Termination

Unless a party has terminated this Agreement (including pursuant to Section 6.6, 6.7, 6.8 or 6.9) Project Co will cause all:

- (a) applicable Insurance Proceeds which Project Co has received;
- (b) applicable Insurance Proceeds which Project Co is entitled to receive;
- (c) amounts which the Authority has agreed to pay as contemplated in Section 6.3(b); and
- (d) amounts which Project Co has agreed to pay to cover the amount by which the cost to repair, replace or restore the Facility exceeds the Insurance Proceeds and Insurance Receivables with respect to complete or substantial destruction,

to be applied to the reinstatement of the Facility in accordance with the terms of this Agreement and the Insurance Trust Agreement.

6.11 Application of Insurance Proceeds In Case of Termination

If a party has terminated this Agreement pursuant to Section 6.6, 6.7 or 6.8:

- (a) any Insurance Proceeds received prior to the Termination Payment Date by Project Co in respect of damage to the Facility and not already applied to the repair of such damage will first be applied towards the Termination Payment and any Insurance Proceeds remaining after such application will be paid to the Authority; and
- (b) on the Termination Payment Date, Project Co will assign to the Authority the benefit of all Insurance Receivables which have been taken into account in calculating the Termination Payment.

6.12 Standards of Replacement, Repair or Reconstruction

Any replacement, repair, or reconstruction of the Facility or any part thereof pursuant to the provisions of Sections 6.3 or 6.4 will be made or done in compliance with the Design and Construction Protocols and the Design and Construction Specifications, subject to any agreement made between the Authority and Project Co to revise the Design and Construction Protocols or the Design and Construction Specifications as they pertain to any replacement, repaired or reconstructed Facility.

6.13 Mitigation

Project Co and the Authority will take all reasonable steps to mitigate the effects of any risks or claims covered by this Section 6 (including minimizing the amount of any costs and expenses which might result).

6.14 Risks Becoming Uninsurable

Each party will, forthwith upon Having Knowledge, notify the other if a Principal Insured Risk becomes or is expected to become Uninsurable. If both parties agree or it is determined in accordance with the Dispute Resolution Procedure that the relevant Principal Insured Risk is or is about to become Uninsurable and that the Principal Insured Risk being Uninsurable is not and will not be caused by the actions or omissions of Project Co or any Project Co Person or the Authority or any Authority Person contrary to Schedule 5 [Insurance Requirements], then the parties together with their respective insurance advisors will meet to discuss the means by which such Principal Insured Risk should be managed (including considering the feasibility of self-insurance by either or all parties).

6.15 Consequences of Risks Becoming Uninsurable

If the requirements of Section 6.14 are satisfied but the parties cannot agree within 20 Business Days on how to manage a Principal Insured Risk that becomes Uninsurable (the “**Uninsurable Risk**”):

- (a) if the Uninsurable Risk is third party liability, if and for so long as the Uninsurable Risk is Uninsurable, the Authority may by notice to Project Co terminate this Agreement whereupon Project Co will be entitled to compensation on termination as provided in Section 5 of Schedule 9 [Compensation on Termination];
- (b) if the Uninsurable Risk is not third party liability or if (and for as long as) the Authority has not terminated this Agreement under Section 6.15(a), then this Agreement will continue, but neither Project Co nor the Authority will be obligated by this Agreement to maintain insurance in respect of the Uninsurable Risk and references in this Agreement to the insurance required by this Section 6 (Insurance, Damage and Destruction) or Schedule 5 [Insurance Requirements] will be construed accordingly. In such event the Service Payments will thereafter be adjusted in accordance with Section 10.3 (Adjustments to Service Payments) by agreement of the parties acting reasonably or, failing such agreement, by the Dispute Resolution Procedure, from the date upon which the Uninsurable Risk became Uninsurable, to reflect any savings in Project Co’s insurance cost as a result of Project Co not having to insure against the Uninsurable Risk; and
- (c) subject to Section 6.16, on the occurrence of the Uninsurable Risk the Authority will either:
 - (i) pay to Project Co an amount equal to the insurance proceeds that would have been payable directly to Project Co under the relevant policies in respect of the Uninsurable Risk had the relevant insurance continued to be available and in effect, and this Agreement will continue; or
 - (ii) by notice to Project Co, terminate this Agreement whereupon Project Co will be entitled to compensation on termination as provided in Section 5 of Schedule 9 [Compensation on Termination],

except that the Authority may not in any such case terminate this Agreement pursuant to Section 6.15(c)(ii) if Project Co releases the Authority from all obligations under Section

6.15(c)(i) and deposits into the Insurance Trust Account an amount equal, in the reasonable opinion of the Authority, to the insurance proceeds, and all amounts in respect of deductibles and waiting periods that would have been the responsibility of Project Co under Section 5.7 of Schedule 5 [Insurance Requirements], that would have been payable in respect of the Uninsurable Risk that occurred had the relevant insurance continued to be available and in effect.

6.16 Third Party Liability Insurance as an Uninsurable Risk

If this Agreement is terminated pursuant to Section 6.15(c)(ii) and at the date of such termination third party liability is an Uninsurable Risk, and if:

- (a) there is an outstanding third party claim against Project Co at the Termination Date; or
- (b) following the Termination Date a third party claim is subsequently made against Project Co in respect of an event or circumstance that occurred before the Termination Date,

which in either case would have been covered by the third party liability insurance that either the Authority or Project Co would have been required to carry had that risk not been an Uninsurable Risk, then the Authority will pay to Project Co the amount for which Project Co becomes liable in respect of such claim in addition to the compensation payable pursuant to Section 6.15(c)(ii).

6.17 Subrogation

If the Authority makes any payment to Project Co pursuant to Section 6.15(c)(i) or Section 6.16, then the Authority, to the extent of the amount paid, will be subrogated to Project Co's rights against any third party in respect of the occurrence or claim as a result of which the payment was made, other than any third party that was an insured under the last policy of insurance to cover the Uninsurable Risk before it became Uninsurable, to the extent the insurers did not have a right of subrogation against such third party.

6.18 Continuing Attempts to Insure Uninsurable Risks

When there is an Uninsurable Risk for which Project Co is responsible to obtain insurance under Schedule 5 [Insurance Requirements], Project Co will approach the insurance market on a regular basis and in any event at regular intervals of no longer than six months to establish whether the Uninsurable Risks remain Uninsurable.

6.19 Uninsurable Risks Becoming Insurable

Where a risk that was previously an Uninsurable Risk ceases to be so and Project Co becomes aware or is informed by the other party that this is the case, Project Co will forthwith take out, maintain and pay for or cause to be taken out, maintained and paid for insurance in accordance with the requirements of this Agreement in respect of the risk, and in any case:

- (a) Sections 6.14, 6.15, 6.16 and 6.18 will no longer apply to the risk so long as it is not an Uninsurable Risk; and

- (b) the Service Payments will be adjusted pursuant to Section 10.3 (Adjustments to Service Payments) by agreement of the parties acting reasonably or, failing such agreement, by the Dispute Resolution Procedure, from the date upon which the Uninsurable Risk became insurable, to reflect any increase in Project Co's insurance cost as a result of having to insure the risk that ceased to be an Uninsurable Risk.

7. CHANGES, MINOR WORKS AND INNOVATION PROPOSALS

7.1 Changes Required by the Authority

The Authority may require Changes in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals].

7.2 Innovation and Value Engineering

Project Co may submit an Innovation Proposal for consideration by the Authority in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals].

7.3 Minor Works

The Authority may require Minor Works in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals].

8. SUPERVENING EVENTS

8.1 Supervening Events

If:

- (a) a Compensation Event, Relief Event or Excusing Event occurs, Project Co may; or
- (b) a Force Majeure Event or Eligible Change in Law Event occurs, either party may,

apply for relief from its obligations, extensions of time, claim compensation or claim a termination right under this Agreement to the extent provided in this Section 8 (Supervening Events). The “**Applicant**” means the party making such application.

8.2 Procedures Upon the Occurrence of a Supervening Event

The following procedure will apply if a Supervening Event occurs:

- (a) as soon as practicable, and in any event within 5 Business Days after the Applicant Has Knowledge that the Supervening Event has caused, or is reasonably likely to cause, an entitlement under this Section 8 (Supervening Events), the Applicant will give to the other party a notice (“**Supervening Event Notice**”) identifying the particular Supervening Event and summarizing, to the extent the Applicant Has Knowledge, the consequences and the nature of the Applicant's claim;

- (b) within 10 Business Days after delivery by the Applicant of a Supervening Event Notice, to the extent the Applicant Has Knowledge, the Applicant will give to the other party:
 - (i) additional details, including available supporting documentation, in support of its claim; and
 - (ii) if applicable, a detailed breakdown of all Direct Losses incurred or which will be incurred or other compensation or relief sought by Project Co, if it is the Applicant, as a result of the Supervening Event;
- (c) from time to time thereafter the Applicant will notify the other party if at any time it receives or becomes aware of any further information relating to the Supervening Event, giving details of that information to the extent that such information is new or renders information previously submitted materially inaccurate or misleading. In particular, a party claiming relief as a result of a Force Majeure Event will notify the other as soon as the Force Majeure Event has ceased and of the time when performance of its affected obligations can be resumed;
- (d) a party may make multiple but not duplicative claims in respect of a Supervening Event and both parties may make claims in respect of the same Supervening Event;
- (e) where the Authority is claiming the benefit of an Eligible Change in Law Event, Project Co will provide the Authority information reasonably requested in order to make its claim;
- (f) the Applicant must demonstrate:
 - (i) it could not have avoided such occurrence or the consequences of the Supervening Event by steps which it might reasonably be expected to have taken provided that, in the case of the Authority, the Authority is not required to take any steps that are referred to in Sections 2.6(a), 2.6(b) or 2.6(c);
 - (ii) if applicable, the Supervening Event caused or will cause the Applicant to incur a Direct Loss, a delay in the Project Schedule or the need for relief from other obligations under this Agreement; and
 - (iii) in the case of Project Co, it has complied with its mitigation obligations pursuant to Section 2.5 and in the case of the Authority, it has complied with its mitigation obligations pursuant to Section 2.6;
- (g) the Applicant will advise whether, in the Applicant's opinion, any amendments should be considered to this Agreement, any Material Contract or any Senior Financing Agreement as a result of the Supervening Event; and
- (h) the parties will meet within 15 Business Days of delivery of the Supervening Event Notice to consult and seek to agree to the effect of the Supervening Event and if the parties, within 10 Business Days following the meeting, have not agreed to the occurrence or the effect of the Supervening Event, either party may refer the question of whether a

Supervening Event has occurred, whether the conditions in Section 8.2(f) above have been satisfied or the extent of relief or compensation to which the affected party is entitled, for resolution in accordance with the Dispute Resolution Procedure.

8.3 Project Co's Entitlements Upon Occurrence of a Compensation Event

Subject to Section 8.12, if at any time a Compensation Event has occurred and Project Co has given the Authority a Supervening Event Notice related thereto:

- (a) Project Co is relieved from any liability or consequence (including termination by the Authority) under this Agreement arising from any delay or failure in performing any of its obligations under or in connection with this Agreement;
- (b) the Service Payments will be calculated as if the Compensation Event had not occurred based on the Reasonably Expected Performance of Project Co, except that Avoidable Costs and applicable Insurance Proceeds and insurance proceeds which Project Co would have recovered as a result of the Compensation Event if it had complied with the requirements of this Agreement or any policy of insurance maintained or required to be maintained under this Agreement will be deducted therefrom;
- (c) the Authority will pay to Project Co compensation in respect of a Compensation Event calculated on the basis that Project Co will be placed in no better or worse position than it would have been in had a Compensation Event not occurred and taking into consideration the following (without duplication):
 - (i) any Direct Losses (including the amount of any applicable insurance deductibles and calculated without netting out Insurance Receivables) resulting from the Compensation Event;
 - (ii) any net increase or decrease in the costs of Project Co performing its obligations under this Agreement resulting from the Compensation Event; and
 - (iii) the Service Payments payable to Project Co,except that:
 - (iv) Avoidable Costs and applicable Insurance Proceeds and insurance proceeds which Project Co would have recovered as a result of the Compensation Event if it had complied with the requirements of this Agreement or any policy of insurance maintained or required to be maintained under this Agreement will be deducted therefrom; and
 - (v) no Indirect Losses will be taken into consideration;
- (d) concurrent with the first payment of any compensation by the Authority under Section 8.3(c), Project Co will assign to the Authority its rights to all applicable Insurance Receivables (whether or not Project Co has made a claim); and

- (e) if the Compensation Event occurs prior to the Service Commencement Date, the Project Schedule will be amended and the Target Service Commencement Date, the Longstop Date and the dates set out in the Phasing Plan will be postponed by such time as is reasonable in the circumstances to take account of the effect of the delay caused by the Compensation Event, but the Expiry Date will not be extended.

8.4 Project Co's Entitlements Upon Occurrence of a Relief Event

Subject to Section 8.12, if at any time a Relief Event has occurred and Project Co has given the Authority a Supervening Event Notice related thereto:

- (a) Project Co is relieved from any liability or consequence (including termination by the Authority, except as provided for in this Section 8.4) under this Agreement arising from any delay or failure in performing any of its obligations under this Agreement, except that, with respect to a Relief Event occurring after the Service Commencement Date, nothing will affect any entitlement of the Authority to make Deductions and the Authority will only be obligated to make Service Payments to the extent that the performance or other criteria for Service Payments are met in accordance with the applicable provisions of this Agreement notwithstanding the Relief Event;
- (b) if the Relief Event occurs prior to the Service Commencement Date:
 - (i) the Project Schedule will be amended and the Target Service Commencement Date, the Longstop Date and the dates set out in the Phasing Plan will be postponed by such time as is reasonable in the circumstances to take account of the effect of the delay caused by the Relief Event, but the Expiry Date will not be extended;
 - (ii) for the period that the Service Commencement Date is delayed to a date after the Target Service Commencement Date (as it was prior to having been postponed pursuant to Section 8.4(b)(i)) as a result of one or more of the Relief Events described in (b), (c), (i) or (l) of the definition of Relief Event, the Authority will pay to Project Co an amount equal to the Senior Debt Service Amount for such period less applicable Insurance Proceeds and insurance proceeds which Project Co would have recovered as a result of the Relief Event if it had complied with the requirements of this Agreement or any policy of insurance maintained or required to be maintained under this Agreement; and
 - (iii) concurrent with the first payment of any amount by the Authority pursuant to Section 8.4(b)(ii), Project Co will assign to the Authority its rights to all applicable Insurance Receivables (whether or not Project Co has made a claim);
- (c) if the Relief Event, or its effects, persists or is likely to persist for more than 180 days after the date a Supervening Event Notice is delivered by the Applicant, either party may at any time so long as such Relief Event is, or such effect is, continuing and subject to Section 14.2, terminate this Agreement by notice to the other party;

- (d) if the Authority gives notice to Project Co under Section 8.4(c) terminating this Agreement, Project Co will have the option either to accept such notice or to respond in writing on or before the date falling 10 Business Days after the date of receipt of such notice stating that it requires this Agreement to continue, in which case Project Co's rights to relief under this Section 8.4 in respect of the Relief Event will cease and the Authority's termination notice will be deemed null and void;
- (e) if Project Co gives notice to the Authority under Section 8.4(c) terminating this Agreement, the Authority will have the option either to accept such notice or to respond in writing on or before the date falling 10 Business Days after the date of receipt of such notice stating that it requires this Agreement to continue. If the Authority gives Project Co such response then:
 - (i) Project Co's termination notice will be deemed null and void and Project Co, insofar as it is able to do so, will continue to perform its obligations in accordance with the provisions of this Agreement;
 - (ii) the Relief Event will be deemed to constitute a Compensation Event occurring as of the date on which the Relief Event first occurred;
 - (iii) at any time so long as the Supervening Event referred to in Section 8.4(e)(ii) is continuing, the Authority may terminate this Agreement by notice to Project Co; and
 - (iv) Project Co may at any time so long as the Supervening Event referred to in Section 8.4(e)(ii) is continuing after a further period of 180 days after the date on which Project Co delivered the termination notice pursuant to Section 8.4(c) terminate this Agreement by notice to the Authority;
- (f) if this Agreement is terminated pursuant to this Section 8.4, Project Co will be entitled to compensation on such termination in accordance with Section 5 of Schedule 9 [Compensation on Termination]; and
- (g) Deductions made while Project Co is entitled to relief under this Section 8.4 will not be counted (either during or following the relevant Relief Event) for the purposes of Sections 11.1(b) or 12.1(h) or Sections 6.7 or 6.8 of Schedule 4 [Services Protocols and Specifications].

8.5 Project Co's Entitlements Upon Occurrence of an Excusing Event

Subject to Section 8.12, if during the Operating Period an Excusing Event has occurred and Project Co has given the Authority a Supervening Event Notice related thereto:

- (a) Project Co is relieved from any liability or consequence (including termination by the Authority) under this Agreement arising from any delay or failure in performing any of its obligations; and

- (b) the Service Payments will be calculated as if the Excusing Event had not occurred based on the Reasonably Expected Performance of Project Co, except that Avoidable Costs and applicable Insurance Proceeds and Insurance Receivables and insurance proceeds which Project Co would have recovered if it had complied with the requirements of this Agreement or any policy of insurance maintained or required to be maintained under this Agreement will be deducted therefrom.

8.6 Parties' Entitlements Upon Occurrence of a Force Majeure Event

Subject to Section 8.12, if at any time a Force Majeure Event has occurred and the Applicant has given the other party a Supervening Event Notice related thereto:

- (a) the Applicant is relieved from any liability or consequence (including termination by the Authority except as provided for in this Section 8.6) under this Agreement arising from any delay or failure in performing any of its obligations under this Agreement, except that nothing will affect any entitlement of the Authority to make Deductions and the Authority will only be obligated to make Service Payments to the extent that the performance or other criteria for Service Payments are met notwithstanding the Force Majeure Event;
- (b) if the Applicant is Project Co and the Force Majeure Event occurs prior to the Service Commencement Date, the Project Schedule will be amended and the Target Service Commencement Date, the Longstop Date and the dates set out in the Phasing Plan will be postponed by such time as is reasonable in the circumstances to take account of the effect of the delay caused by the Force Majeure Event, but the Expiry Date will not be extended;
- (c) if a Force Majeure Event occurs and it, or its effects, persists or is likely to persist for more than 180 days after the date a Supervening Event Notice is delivered by the Applicant, either party may at any time so long as such Force Majeure Event is, or such effect is, continuing, terminate this Agreement by notice to the other party;
- (d) if Project Co gives notice to the Authority under Section 8.6(c) terminating this Agreement, the Authority will have the option either to accept such notice or to respond in writing on or before the date falling 10 Business Days after the date of receipt of such notice stating that it requires this Agreement to continue. If the Authority gives Project Co such response then:
 - (i) Project Co's termination notice will be deemed null and void and Project Co, insofar as it is able to do so, will continue to perform its obligations in accordance with the provisions of this Agreement;
 - (ii) the Force Majeure Event will be deemed to constitute a Compensation Event occurring as of the date the Force Majeure Event first occurred;
 - (iii) at any time so long as the Compensation Event referred to in Section 8.6(d)(ii) is continuing, the Authority may terminate this Agreement by notice to Project Co; and

- (iv) Project Co may at any time so long as the Compensation Event referred to in Section 8.6(d)(ii) is continuing after a further period of 180 days after the date on which Project Co delivered the termination notice pursuant to Section 8.6(c), terminate this Agreement by notice to the Authority;
- (e) if this Agreement is terminated pursuant to Section 8.6(c) or Sections 8.6(d)(iii) or 8.6(d)(iv), Project Co will be entitled to compensation on such termination in accordance with Section 5 of Schedule 9 [Compensation on Termination]; and
- (f) Deductions made while Project Co is entitled to relief under this Section 8.6 will not be counted (either during or following the relevant Force Majeure Event) for the purposes of Sections 11.1(b) or 12.1(h) or Sections 6.7 or 6.8 of Schedule 4 [Services Protocols and Specifications].

8.7 Parties' Entitlements Upon Occurrence of an Eligible Change in Law Event

Subject to Section 8.12, if at any time an Eligible Change in Law Event has occurred and the Applicant has given the other party a Supervening Event Notice related thereto:

- (a) subject to Section 8.7(c), in the case of a Relevant Change in Law, Project Co will be entitled to compensation for Direct Losses and the Service Payments will be increased or decreased to compensate for any increase or decrease (as the case may be) in the net cost to Project Co of performing the Services;
- (b) subject to Section 8.7(c), in the case of a Discriminatory Change in Tax Law Project Co or the Authority will be entitled to compensation for any revenue loss or revenue gain for Project Co and any Partner (as the case may be) and the Service Payments will be increased or decreased to compensate for any increase or decrease (as the case may be) in the net cost to Project Co of performing the Services;
- (c) subject to Section 8.7(d) with respect to Allowable Capital Expenditures and to Section 8.7(e), any compensation payable or increase or decrease in the Service Payments in respect of an Eligible Change in Law Event will be calculated on the basis that Project Co will be placed in no better or worse position than it would have been in had such Eligible Change in Law Event not occurred and taking into consideration the following (without duplication):
 - (i) any Direct Losses (calculated without netting out Insurance Receivables) resulting from the Eligible Change in Law Event;
 - (ii) any net increase or decrease in the costs of Project Co performing the Services resulting from the Eligible Change in Law Event; and
 - (iii) the Service Payments payable to Project Co,

except that:

- (iv) Avoidable Costs and applicable Insurance Proceeds and insurance proceeds which Project Co would have recovered if it had complied with the requirements of this Agreement or any policy of insurance maintained or required to be maintained under this Agreement will be deducted therefrom; and
- (v) no Indirect Losses will be taken into consideration other than as set out in Section 8.7(b) above,

and concurrent with the first payment of any compensation by the Authority under this Section 8.7(c), Project Co will assign to the Authority its rights to all applicable Insurance Receivables (whether or not Project Co has made a claim);

- (d) in the case of a Relevant Works Change in Law:
 - (i) subject to Section 8.7(c), the Service Payments will be increased or decreased to compensate for any increase or decrease (as the case may be) in the net cost to Project Co of performing the Services as a direct result of the Allowable Capital Expenditure in respect of such Relevant Works Change in Law; and
 - (ii) Project Co will be entitled to compensation from the Authority in an amount equal to the Allowable Capital Expenditure; and
- (e) in the case of an Input Tax Recoverability Change in Law:
 - (i) the Authority will pay Project Co, and Project Co will be entitled to, any Additional Irrecoverable Tax resulting from the Input Tax Recoverability Change in Law; and
 - (ii) Project Co will pay the Authority, and the Authority will be entitled to, any Additional Recoverable Tax resulting from the Input Tax Recoverability Change in Law,

but in each case only to the extent necessary to leave Project Co in no better or worse position than before the Input Tax Recoverability Change in Law, provided however that Section 8.7(c) will not apply to an Input Tax Recoverability Change in Law.

8.8 Parties' Entitlements Upon Occurrence of a Change in Law

Without limiting Section 8.4, Section 8.5 or Section 8.7:

- (a) if compliance by Project Co with a Change in Law is outside the scope of, or inconsistent with, Project Co's obligations under this Agreement, or would mean a change in Project Co's obligations under this Agreement or a change in the scope or manner of carrying out the Project, such Change in Law will be deemed to constitute a Change having effect from the time that such Change in Law takes effect, except that Project Co will not be entitled to any payment or other compensation other than as set out in Section 8.4, Section 8.5 or Section 8.7;

- (b) except as otherwise provided in this Agreement, including in Section 8.4, Section 8.5 or Section 8.7, Project Co will not be entitled to any other payment or compensation or relief in respect of any Change in Law or the consequences thereof; and
- (c) nothing in Section 8.4, Section 8.5 or Section 8.7 will be interpreted as relieving Project Co of its obligation, following any and all Changes in Law, to perform its obligations under this Agreement in compliance with all Laws.

8.9 Labour Disputes

If Project Co Has Knowledge of an actual or potential labour dispute that may affect any of the Design, the Construction or the Services, Project Co will promptly:

- (a) give notice thereof to the Authority, including all relevant information related to the dispute of which Project Co Has Knowledge; and
- (b) take all reasonable steps to mitigate the effects of such labour dispute on the performance of any of the Design, the Construction or the Services, including by applying for relief to appropriate tribunals or courts.

Project Co acknowledges that if the labour dispute involves workers of a Project Contractor or Sub-Contractor, or of anyone employed by or through them, the Authority will not be required to provide any facilities, space or assistance in the Existing Hospital, the Facility or on the Lands or the Existing Hospital Lands for the purposes of such workers or any applicable union.

8.10 Payments in Respect of Supervening Events

Payments between the parties and any adjustments to Service Payments in respect of Supervening Events will be made in accordance with Section 10 (Lump Sum Payments and Service Payment Adjustments).

8.11 Supervening Events Mitigated by Change

Nothing in this Agreement will limit the right of the Authority to perform or mitigate its obligations in respect of Supervening Events or the consequences of a Supervening Event by requiring a Change or Changes.

8.12 Delay in Notification

If the Supervening Event Notice or any required information is provided by an Applicant to the other party after the dates referred to in Section 8.2 (Procedures Upon the Occurrence of a Supervening Event), then without prejudice to any other rights or remedies of the other party under this Agreement:

- (a) the Applicant will not be entitled to any compensation, extension of time or relief from its obligations under this Agreement to the extent that the amount thereof was increased or the ability to mitigate was adversely affected as a result of such delay in providing such notice or information; and

- (b) if the period of delay is 6 months or more, the rights of the Applicant with respect to the applicable Supervening Event will be of no further force or effect.

8.13 Equivalent Project Relief

The parties acknowledge that Project Co will share with the Project Contractors, who will in turn share with Sub-Contractors, in accordance with the Project Contracts, certain benefits to Project Co derived from the rights of Project Co under, and subject to the obligations and limitations under, this Agreement including rights of Project Co under Section 8 (Supervening Events) (such rights, as qualified by such obligations and limitations, are in this Section collectively “**Project Co’s Rights**”). Accordingly:

- (a) any circumstance affecting a Project Contractor or a Sub-Contractor which, if such circumstance had affected Project Co directly would have given rise to a claim by Project Co pursuant to Project Co’s Rights will, for the purpose of this Agreement, be deemed to be a circumstance affecting Project Co in respect of which Project Co may claim under and subject to Project Co’s Rights; and
- (b) amounts claimed by the Project Contractor or Sub-Contractor against Project Co in respect of any circumstance referred to in Section 8.13(a) above may be claimed by Project Co against the Authority under and subject to Project Co’s Rights, but whether or not the Authority is liable for such amounts will be determined under this Agreement as if the circumstance had affected Project Co directly,

provided that:

- (c) all such claims will be made and administered by Project Co and no Project Contractor or Sub-Contractor will have any rights against the Authority, including under this Section 8.13;
- (d) in no event will the liability of the Authority under this Section 8.13 be greater than it would have been if Project Co had been directly affected by the circumstance referred to in Section 8.13(a) above; and
- (e) in no event will the Authority be liable under this Section 8.13 for any Direct Losses or other compensation that the Authority would not have been liable for if Project Co had been directly affected by the circumstance referred to in Section 8.13(a) above.

9. INDEMNITIES AND LIMITS ON LIABILITIES AND REMEDIES

9.1 Project Co’s Obligation to Indemnify

Project Co will indemnify and keep the Authority indemnified at all times from and against all Direct Losses that the Authority and each Authority Indemnified Person may sustain in connection with:

- (a) a failure by Project Co to achieve Service Commencement by the Target Service Commencement Date, which Direct Losses shall include but not be limited to any additional out-of-pocket costs which the Authority or any Authority Indemnified Person reasonably incurs because the Authority or the Authority Indemnified Person relied on the

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relevant move-in schedule and which are in excess of the costs which the Authority or the Authority Indemnified Person would have incurred had Project Co achieved the dates set out in the relevant Facility Move-in Schedule;

- (b) any loss of or physical damage to property or assets of the Authority or any Authority Indemnified Person, or any claim made by one or more third parties (including for loss of or physical damage to property or assets), or any claim for, or in respect of, the death, personal injury, disease or illness of any Person, including any Authority Indemnified Person, arising by reason of any:
 - (i) negligent act or omission of Project Co;
 - (ii) wilful misconduct of Project Co; or
 - (iii) non-compliance by Project Co with any of the provisions of this Agreement or any document, instrument or agreement delivered to the Authority as required under this Agreement;
- (c) breach of any representation or warranty by Project Co under this Agreement;
- (d) any Project Co Hazardous Substances;
- (e) breach by Project Co of, or non-compliance by Project Co with, Permits or Laws;
- (f) a failure by Project Co to obtain and maintain all necessary Permits for which it is responsible for obtaining or maintaining in accordance with this Agreement; or
- (g) any infringement or misappropriation of Intellectual Property rights of any Person by Project Co,

except to the extent caused, or contributed to, by non-compliance by the Authority with any provision of this Agreement or any document, instrument or agreement delivered to Project Co as required under this Agreement or any negligent act or omission, or any wilful misconduct, of the Authority or any Authority Person. For greater certainty, Section 4.4 applies to this Section 9.1, and this Section 9.1 may not be relied upon by the Authority Indemnified Persons for the purpose of enforcing a contractual indemnity claim directly by any of them against Project Co.

9.2 Conduct of Third Person Claims

This Section 9.2 will apply to the conduct of claims made by a third Person against a party having or claiming to have with respect to such third Person claim, the benefit of an indemnity or a right to compensation under this Agreement. The party having, or claiming to have, the benefit of the indemnity or right to compensation is referred to as the “**Beneficiary**” and the party from whom the indemnity or compensation is sought is referred to as the “**Indemnifier**”. Accordingly, subject to the requirements of any insurer who may have an obligation to provide an indemnity in respect of any liability arising under this Agreement:

- (a) if the Beneficiary receives any notice, demand, letter or other document concerning any claim for which it appears that the Beneficiary is, or may become entitled to, indemnification or compensation under this Agreement in respect of the entire claim, the Beneficiary will give notice in writing to the Indemnifier as soon as reasonably practicable and in any event within 10 Business Days of receipt thereof;
- (b) the Indemnifier will be entitled to dispute the claim in the name of the Beneficiary at the Indemnifier's own expense and take conduct of any defence, dispute, compromise, or appeal of the claim and of any incidental negotiations. The Beneficiary will give the Indemnifier all reasonable co-operation, access and assistance for the purposes of considering and resisting such claim;
- (c) in defending any claim described in Section 9.2(b) in which there is a conflict of interest between the Indemnifier and the Beneficiary, the Beneficiary may appoint independent legal counsel in respect of such claim and, if it is determined that the Beneficiary is entitled to indemnification by or compensation from the Indemnifier, all reasonable costs and expenses incurred by the Beneficiary in so doing will be included in the indemnity or compensation from the Indemnifier;
- (d) with respect to any claim conducted by the Indemnifier pursuant to Section 9.2(b) the indemnifier will:
 - (i) keep the Beneficiary fully informed and consult with it about material elements of the conduct of the claim;
 - (ii) demonstrate to the Beneficiary, at the reasonable request of the Beneficiary, that the Indemnifier has sufficient means to pay all costs and expenses that it may incur by reason of conducting the claim; and
 - (iii) not pay or settle such claims without the consent of the Beneficiary, such consent not to be unreasonably withheld or delayed;
- (e) the Beneficiary may take conduct of any defence, dispute, compromise or appeal of the claim and of any incidental negotiations if:
 - (i) the Indemnifier is not entitled to take conduct of the claim in accordance with Section 9.2(b); or
 - (ii) the Indemnifier fails to notify the Beneficiary of its intention to take conduct of the relevant claim within 10 Business Days of the notice from the Beneficiary under Section 9.2(a) or notifies the Beneficiary that it does not intend to take conduct of the claim; or
 - (iii) the Indemnifier fails to comply in any material respect with Section 9.2(d) above.

In the case of (3) above the Beneficiary may pay or settle any claim on such terms as it thinks fit (provided such settlement is in monetary terms only) and without prejudice to its

rights and remedies under this Agreement. Otherwise the Beneficiary will not pay or settle such claims without the consent of the Indemnifier, such consent not to be unreasonably withheld or delayed;

- (f) the Beneficiary may at any time give notice to the Indemnifier that it is retaining or taking over, as the case may be, the conduct of any defence, dispute, compromise, settlement or appeal of any claim, or of any incidental negotiations, to which Section 9.2(b) above applies. On receipt of such notice the Indemnifier will promptly take all steps necessary to transfer the conduct of such claim to the Beneficiary, and will provide to the Beneficiary all reasonable co-operation, access and assistance for the purposes of considering and resisting such claim. If the Beneficiary gives any notice pursuant to this Section 9.2(f) (for the sake of clarity, for reasons other than as provided in Sections 9.2(e)(ii) or 9.2(e)(iii)), then the Indemnifier will be released from any liability under its indemnity under Section 9.1 or its obligation to provide compensation, as the case may be; and
- (g) in response to any claim of infringement or misappropriation or alleged infringement or misappropriation of the Intellectual Property rights of any Person, Project Co may modify or replace such infringing or allegedly infringing item provided that:
 - (i) the modification or replacement is performed without additional cost to the Authority;
 - (ii) the modification or replacement has at least equal quality performance capabilities when used in conjunction with the Facility; and
 - (iii) the replacement of an infringing or alleged infringing item pursuant to this Section 9.2(g) will not be a breach of any provision of this Agreement that requires the license for the item to be perpetual and irrevocable.

9.3 General Obligation to Pursue Third Person Recovery

If a party (the “**Paying Party**”) has paid to the other party (the “**Receiving Party**”) an amount in respect of any indemnity, Supervening Event or other liability hereunder (a “**Liability Payment**”), and the Receiving Party has a *bona fide* claim for recovery of any such Liability Payment from a third Person or under any insurance required pursuant to this Agreement, the Receiving Party will:

- (a) as directed by the Paying Party either:
 - (i) promptly make all reasonable efforts to pursue and recover such claim and provide evidence of such efforts to the Paying Party; or
 - (ii) assign to the Paying Party the right to pursue and recover such claim and, at the Paying Party’s cost, provide reasonable cooperation in connection with the pursuit and recovery of such claim; and
- (b) if it subsequently recovers, or the Paying Party makes recovery on its behalf, (whether by payment, discount, credit, saving, relief or other benefit or otherwise) an amount which is

directly referable to the fact, matter, event or circumstances giving rise to the payment of the Liability Payment, forthwith repay to the Paying Party an amount equal to the lesser of:

- (i) an amount equal to the sum recovered (or of the value of the recovery whether by discount, credit, saving, relief or otherwise) less any out of pocket costs and expenses properly incurred by the Receiving Party in recovering such sum; and
- (ii) the Liability Payment,

provided that the Paying Party will be repaid only to the extent that the amount of such recovery plus the Liability Payment exceeds the total loss or liability of the Receiving Party in respect of the fact, matter or circumstance giving rise to the Liability Payment.

For greater certainty, the above reference to a “third Person” will not include, in the case where the Authority is the Paying Party, Project Co and Project Co Persons and their respective employees, directors, officers and agents and will not include, in the case where Project Co is the Paying Party, the Authority and the Authority Indemnified Persons.

9.4 Waiver of Remedies

No failure to exercise, and no delay in exercising, any right or remedy under this Agreement will be deemed to be a waiver of that right or remedy. No waiver of any breach of any provision of this Agreement will be deemed to be a waiver of any subsequent breach of that provision or of any similar provision.

9.5 Remedies Cumulative

Subject to Sections 9.6, 9.7 and 9.8:

- (a) the rights and remedies of the parties under this Agreement are cumulative and are in addition to and not in substitution for any other rights and remedies available at law or in equity or otherwise;
- (b) a party will not be prevented from enforcing a right or remedy on the basis that another right or remedy hereunder deals with the same or similar subject matter; and
- (c) no single or partial exercise by a party of any right or remedy precludes or otherwise affects the exercise of any other right or remedy to which that party may be entitled.

9.6 Limitation on Authority’s Remedies

The Authority’s remedies in respect of any failure by Project Co:

- (a) to achieve Service Commencement by the Target Service Commencement Date or the Longstop Date will be limited to the Authority’s rights pursuant to Section 12.4 (Authority Termination Right); and

- (b) to perform the Services in accordance with this Agreement will be limited to Deductions in accordance with Schedule 8 [Payments],

provided that nothing in this Section 9.6 will limit the Authority's right to:

- (c) claim, on or after a termination of this Agreement, costs, losses, damages and expenses suffered or incurred by the Authority as a result of rectifying or mitigating the effects of any breach of this Agreement by Project Co except to the extent recovered by the Authority under this Agreement or taken into account to reduce any compensation payable by the Authority pursuant to Schedule 9 [Compensation on Termination];
- (d) make a claim for indemnification pursuant to Section 9.1;
- (e) deliver to Project Co a Dispute Notice or a notice of default or termination pursuant to Section 12 and pursue all remedies in respect thereof; or
- (f) pursue any other express remedy available to the Authority under this Agreement or any equitable remedy, including injunctive relief and specific performance.

9.7 Limitation on Project Co's Remedies

To the extent Project Co has claimed for relief or compensation for a Supervening Event pursuant to Section 8, Project Co may not make any further claim against the Authority for costs, losses, damages or expenses incurred by Project Co, or for any other relief, in respect of any such events provided that nothing in this Section 9.7 will limit Project Co's right to:

- (a) deliver to the Authority a Dispute Notice or a notice of default or termination pursuant to Section 13 (Authority Events of Default) and pursue all remedies in respect thereof; or
- (b) pursue any other express remedy available to Project Co under this Agreement or any equitable remedy, including injunctive relief and specific performance.

9.8 Limits on Monetary Compensation

Every right to claim compensation or indemnification or reimbursement under this Agreement will be construed so that recovery is without duplication to any other amount recoverable under this Agreement. Neither party will be entitled to make any claim against the other party for compensation, indemnification or reimbursement other than as provided under this Agreement.

9.9 No Liability for Indirect Losses

Unless specifically allowed in this Agreement, neither party to this Agreement will be liable to the other party, whether in contract or in tort or on any other basis whatsoever, for any Indirect Losses suffered or incurred by that other party.

9.10 Authority's Right of Set Off

The Authority may set off any amounts owing by Project Co to the Authority under this Agreement against payments due by the Authority to Project Co under this Agreement provided that in respect of Termination Payments payable under Sections 2 or 5 of Schedule 9 [Compensation on Termination] such set off will be only to the extent that after any such amount has been set off, such Termination Payment made would be an amount not less than the Senior Debt Termination Amount.

9.11 Project Co's Right of Set Off

Project Co may set off any amounts owing by the Authority to Project Co under this Agreement against any payments due by Project Co to the Authority under this Agreement.

9.12 Undisputed Amounts and Interest on Disputed Amounts

A party will pay any undisputed portion of any disputed amount payable to the other party in accordance with this Agreement, but any disputed portion or amount will not be payable until the Dispute is resolved in accordance with the Dispute Resolution Procedure.

If payment of any amount payable under this Agreement is delayed while the matter is in Dispute, upon resolution of the Dispute, interest will be payable on any amount determined payable pursuant to the Dispute Resolution Procedure and will be calculated at the Prime Rate compounded monthly from the time such amount became payable under this Agreement until paid.

9.13 Interest on Overdue Amounts

If payment of any amount payable under this Agreement is not made when due (including Termination Payments payable pursuant to Schedule 9 [Compensation on Termination]), interest will be payable on such amount at the Default Rate and will be calculated from the date due under this Agreement until paid, compounded monthly. The party to whom payment is owed and overdue will notify the other party at least monthly of the overdue amount and the accrued interest on that amount.

9.14 Maximum Liability

- (a) Subject to Section 9.14(b), the maximum aggregate liability of each Party in respect of all claims under Section 9 shall not exceed [REDACTED] (Index Linked). This limit shall be exclusive of any insurance proceeds received or which will be received pursuant to policies maintained in accordance with the insurance requirements set out in Schedule 5 [Insurance Requirements]. This limit shall not apply in cases of willful misconduct or deliberate acts of wrongdoing.
- (b) Project Co's maximum aggregate liability in respect of all claims under Section 9.1(a) shall not exceed [REDACTED] (Index Linked). This limit shall be exclusive of any insurance proceeds received or which will be received pursuant to policies maintained in accordance with the insurance requirements set out in Schedule 5 [Insurance Requirements]. This limit shall not apply in cases of willful misconduct or deliberate acts of wrongdoing.

- (c) Nothing in this Section 9.14 shall restrict, limit, prejudice or in any other way impair the rights and/or remedies of the Parties under any other provision of this Project Agreement.

10. LUMP SUM PAYMENTS AND SERVICE PAYMENT ADJUSTMENTS

10.1 Lump Sum Payments

To the extent a party:

- (a) is entitled to payment from the other party under this Agreement, including in respect of a Change under Section 7 (Changes, Minor Works and Innovation Proposals), a Supervening Event under Section 8 (Supervening Events) or an indemnification claim under Section 9 (Indemnities and Limits on Liabilities and Remedies); or
- (b) is entitled to share in a benefit and to receive payment from the other party under this Agreement, including in respect of a Refinancing Gain under Section 5 (Financing of the Project), Innovation Proposal under Section 7 (Changes, Minor Works and Innovation Proposals) or Eligible Change in Law Event under Section 8 (Supervening Events),

the affected or entitled party may make written demand for such payments from time to time after being entitled to payment and (i) in respect of any Direct Losses, after such Direct Losses have been incurred, and (ii) in respect of any shared benefit, after receipt by the other party of the shared benefit, and payment will be made in accordance with this Section 10.

If the Authority is obligated to compensate, reimburse or otherwise pay Project Co, the Authority may in its discretion make such payment by lump sum payment or by payments that reasonably match the cash outlays of Project Co.

If Project Co is obligated to compensate, reimburse or otherwise pay the Authority, the Authority may in its discretion, require Project Co to make such payment:

- (c) by a lump sum payment, up to a maximum lump sum payment of [REDACTED] (Index Linked) without the consent of Project Co, and any greater amount with the consent of Project Co, acting reasonably; or
- (d) by payments that reasonably match the cash inflows to Project Co or the averted cash outlays.

Lump sum payments and payments that reasonably match cash inflows, cash outlays or averted cash outlays will be due and payable within 30 calendar days of delivery of written demand supported by all relevant information.

The parties may agree to any other basis for payment.

10.2 Financing of Lump Sum Payment Amounts

If the Authority is obligated to compensate, reimburse or otherwise pay Project Co and exercises its discretion to do so by a lump sum payment in accordance with Section 10.1 (Lump Sum Payments), at

the Authority's request Project Co will use all reasonable efforts to obtain the financing required to make such payment on the best terms reasonably available and, to the extent that Project Co is able to obtain such financing, there will be a corresponding increase made to the Service Payments in accordance with Section 10.3 (Adjustments to Service Payments). The Authority will:

- (a) pay to Project Co within 30 calendar days of receipt of the relevant invoice an amount equal to the reasonable out-of-pocket expenses incurred by Project Co in seeking such financing provided that the Authority approved such expenses prior to Project Co incurring them; and
- (b) provide concurrent interim financing of any expenditures and costs to be incurred by Project Co until the earlier of the date on which such financing is obtained or payment is made pursuant to Section 10.1 (Lump Sum Payments).

The Authority acknowledges that the Senior Lenders have no obligation to provide the financing referred to in this Section 10.2 or to subordinate or share their security.

10.3 Adjustments to Service Payments

Subject to the Authority's discretion for the basis of payment under Section 10.1 (Lump Sum Payments) or the parties' agreement to another basis for payment under Section 10.1 (Lump Sum Payments), if either party gives notice to the other party that it wishes the parties to consider whether an entitlement to payment under this Agreement is more efficiently effected by adjustments (both increases and decreases) to Service Payments, or if this Agreement requires that an entitlement be effected by such adjustments:

- (a) within 10 Business Days after such notice or after the determination that Service Payments are required to be adjusted, Project Co will give notice to the Authority of the proposed adjustments to be made to the Service Payments to achieve the objectives and outputs set out in Section 10.3(b). Such proposed adjustments will be ascertained by entering the relevant cost adjustments and losses into the Financial Model with effect from the relevant date determined in accordance with Section 10.3(c);
- (b) the adjustments to the calculation of the Service Payments will be determined so that upon comparing the output of the Financial Model as at the adjustment date (after updating the Financial Model to reflect actual performance to date) before and after the proposed adjustments to Service Payments, and taking into account the impact of such adjustments on the economics of the Project as reflected in the Financial Model, the timing of liability for taxation and the time when the adjustments to the Service Payments will take effect, such comparison of the output from such Financial Model shows that:
 - (i) the Equity IRR in respect of equity subscribed in and Junior Debt advanced to Project Co in accordance with the Financial Model prior to the Service Payment adjustment will be unchanged except to the extent required to reflect:
 - (A) any material change in the risk profile of the Project arising in connection with the circumstance giving rise to the adjustment; or

- (B) any benefit to the parties including in connection with a Refinancing Gain or Innovation Proposal; and
- (ii) Project Co would not, by reason of the effect of the occurrence of the adjustment or the consequential change in cash flow during the Term as shown in the Financial Model (as adjusted), be placed, in respect of any of the Senior Financing Agreements, in a position worse than it would have been in if the change had not occurred;
- (c) the relevant date for adjustments to the Service Payments is the start of the next relevant Payment Period;
- (d) if within 10 Business Days after Project Co gives notice of the proposed adjustments the parties agree that the entitlement to payment should be effected by adjustments to the Service Payments, or if this Agreement requires that the entitlement be effected by such adjustments, the parties will implement such adjustments and update the Financial Model accordingly; and
- (e) if completion or implementation of the adjustments is delayed beyond the scheduled date for completion or implementation by reference to which the Financial Model has been re-run in accordance with this Section 10.3 other than delay resulting from an audit under Section 10.4, the date of adjustment to the Service Payments payable by the Authority will be delayed by a period equal to the delay in the completion or implementation of the required adjustments.

10.4 Audit of Financial Model

Prior to implementing any adjustments to the Service Payments contemplated in Section 10.3, the Authority may, at its own expense, review and audit the revised Financial Model prepared by Project Co and Project Co will provide such information as is reasonably required by the Authority to conduct such audit.

11. AUTHORITY'S STEP-IN RIGHTS

11.1 Authority's Step-in Rights

If:

- (a) the Authority reasonably considers that a breach by Project Co of any obligation under this Agreement or an Event:
 - (i) is likely to create an immediate and serious threat to the health or safety of any Facility User, any property, or the environment;
 - (ii) is likely to compromise
 - (A) the reputation or integrity of the Authority;

- (B) the Facility, so as to affect public confidence in the Facility or any operations related to the Facility; or
 - (C) the nature of the healthcare system in the Northwest Territories, so as to affect public confidence in that system; or
- (iii) is prejudicial to the ability to carry on Authority Activities and/or the Intended Uses to a material degree; or
- (b) Project Co accumulates Deductions of:
- (i) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the General Management Services,
 - (ii) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Help Desk Services;
 - (iii) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Plant Services;
 - (iv) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Housekeeping and Waste Management Services;
 - (v) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Utility Management Services;
 - (vi) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Roads, Grounds and Landscape Maintenance Services;
 - (vii) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Parking Management Services;
 - (viii) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Environmental Sustainability Services;
 - (ix) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Pest Control Services;
 - (x) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Security and Surveillance Services;

- (xi) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Laundry and Linen Services; or
- (xii) ██████ (Index Linked) or more in any month or ██████ (Index Linked) or more in any six consecutive month period, in relation to the Catering Services,

then the Authority, acting reasonably may either:

- (c) if it considers that there is sufficient time and that it is likely that Project Co will be willing and able to provide assistance, require Project Co by notice to take such steps as are necessary or expedient to mitigate or rectify such state of affairs including, if applicable due to breach of any Project Contract or Sub-Contract, suspension of the Project Contractor or Sub-Contractor, and Project Co will use all reasonable efforts to comply with the Authority's requirements as soon as reasonably practicable; or
- (d) if it considers there is not sufficient time, or that Project Co is not likely to be willing and able to take the necessary steps, take such steps as it considers are appropriate (either itself or by engaging others) to mitigate or rectify such state of affairs and to ensure performance of the relevant Services to the standards required by this Agreement (or as close as possible to those standards as the circumstances permit). The Authority will carry out such steps as quickly as is practicable, and in such manner as will minimize interference with Project Co's performance of its obligations under this Agreement.

Project Co will ensure that the provisions contained in all applicable Sub-Contracts will not prevent or inhibit the Authority from exercising its rights under this Section 11.

11.2 Authority's Rectification Rights

If the Authority gives notice to Project Co under Section 11.1(c) and Project Co either:

- (a) does not confirm, within 5 Business Days of such notice, or such shorter period as is appropriate in the case of an emergency, that it is willing to take such steps as are required in such notice or present an alternative plan to the Authority to mitigate, rectify and protect against such circumstances that the Authority may, within a further 5 Business Days, accept or reject, acting reasonably; or
- (b) fails to take the steps as are referred to or required in such notice or accepted alternate plan within such time as set out in such notice or accepted alternate plan or within such time as the Authority, acting reasonably, will stipulate,

then the Authority may take such steps as it considers necessary or expedient to mitigate, rectify or protect against such circumstances either itself or by engaging others to take any such steps. Such steps may include the partial or total suspension of the right and obligation of Project Co to provide the relevant Services, but only for so long as the circumstances referred to in Section 11.1(a) subsist. If the circumstances referred to in Section 11.1(a) no longer subsist or Project Co has proposed a plan acceptable to the Authority, acting reasonably, for mitigating, rectifying and protecting against the

circumstances that caused the Deductions thresholds set out in Section 11.1(b) to have been reached, any suspension of the right and obligation of Project Co to provide any Services will cease and such right and obligation will once again be in full force and effect.

11.3 Notice of Facility Change

The Authority will notify Project Co of any Facility Change which the Authority intends to make pursuant to the exercise of the Authority's rights under Section 11.1(d) or Section 11.2 and provide Project Co a reasonable opportunity, taking into account all the circumstances, to comment on the proposed Facility Change. In making such Facility Change, the Authority will reasonably consider comments received in a timely manner from Project Co on the proposed Facility Change.

11.4 No Effect on Project Co's Design and Construction Responsibility

The exercise by the Authority of any of its rights under this Section 11 will not reduce or affect in any way Project Co's responsibility under Section 4.1 of Schedule 2 [Design and Construction Protocols].

11.5 Allocation of Costs for Authority Actions

To the extent that any of the circumstances set out in Section 11.1 arise as a result of any breach by Project Co of its obligations under this Agreement, then Project Co will pay the Authority the amount of all direct costs and expenses reasonably incurred by the Authority in exercising its rights under Section 11.1 or Section 11.2 and an additional mark-up of [REDACTED] of such costs and expenses in respect of indirect costs and overhead not otherwise directly attributable to the exercise of such rights. In all other cases, any actions of the Authority under Sections 11.1 and 11.2 will constitute a Compensation Event.

12. PROJECT CO EVENTS OF DEFAULT

12.1 Project Co Events of Default

For the purposes of this Agreement, "**Project Co Event of Default**" means any of the following events or circumstances:

- (a) the occurrence of a Project Co Material Breach that is not remedied in accordance with Section 12.3 including in accordance with the program for remediation under that Section, or the occurrence of a Project Co Material Breach for which a program for remediation has not been produced by Project Co in accordance with Section 12.3;
- (b) the occurrence of a Project Co Insolvency Event;
- (c) Project Co abandons the Project, other than pursuant to its right to suspend performance under Section 13.3 (Project Co's Options) or due to a Supervening Event;
- (d) Service Commencement does not occur on or before the Longstop Date;
- (e) at any time after the date that is 12 months prior to the Target Service Commencement Date it is finally determined pursuant to the Dispute Resolution Procedure that Service Commencement is not reasonably expected to occur on or before the Longstop Date;

- (f) Project Co breaches Section 16.1 or a Change in Control occurs which is prohibited by Section 16.2;
- (g) at any time after the Service Commencement Date, Project Co breaches its obligations under this Agreement (other than as a consequence of a breach by the Authority of its obligations under this Agreement) which results in a criminal conviction that is of concern to the Authority, acting reasonably, due to a potential negative impact on the Project, the reputation and/or potential liability of the Authority and/or the Stanton Territorial Health Authority, and/or the security of the Lands or the Existing Hospital Lands (a “**Criminal Conviction**”) or a conviction under the *Safety Act* (Northwest Territories) or the *Workers’ Compensation Act* (Northwest Territories) against Project Co or any Project Co Person or the Authority (an “**H&S Conviction**”) except that:
 - (i) a Criminal Conviction or an H&S Conviction, as applicable, of Project Co, a Project Co Person or the Authority will not constitute a Project Co Event of Default if, within 60 Business Days from the date of the Criminal Conviction or the H&S Conviction, as applicable (whether or not the Criminal Conviction or the H&S Conviction, as applicable, is subject to an appeal or any further judicial process), the involvement in the Project of each relevant Project Co Person is terminated or Project Co takes such other action against each such Project Co Person as is acceptable to the Authority acting reasonably; and
 - (ii) in determining whether to exercise any right of termination for a Project Co Event of Default pursuant to this Section 12.1(g), the Authority will:
 - (A) act in a reasonable and proportionate manner having regard to such matters as the gravity of the offence and the identity of the person committing the act leading to the Criminal Conviction or the H&S Conviction, as applicable; and
 - (B) give all due consideration, where appropriate, to action other than termination of this Agreement;
- (h) Project Co accumulates Deductions of ██████████ (Index Linked) or more in any 12 consecutive month period following the Service Commencement Date;
- (i) Project Co makes a representation or warranty herein that is false or misleading when made, and that
 - (i) has or will have at any time a material adverse effect on the performance of the Project or the Services;
 - (ii) is likely to compromise the reputation or integrity of the Authority; or
 - (iii) is likely to compromise the nature of the healthcare system in the Northwest Territories, so as to affect public confidence in that system; and,

in the case of a false or misleading representation or warranty that is capable of being remedied or the effects of which are capable of being remedied, Project Co has not remedied such breach and/or its effects, as applicable, within 10 Business Days following notice from the Authority; or

- (j) if such consent is required under Section 5.3 (Consent Required for Refinancing), Project Co carries out a Refinancing without the Authority's consent,

unless caused by non-compliance by the Authority with any provision of this Agreement or any document, instrument or agreement delivered to Project Co as required under this Agreement or any negligent act or omission, or any wilful misconduct, of the Authority or any Authority Person.

12.2 Notification

Project Co will notify the Authority of the occurrence, and details, of any Project Co Event of Default and of any event or circumstance which is likely, with the passage of time or otherwise, to constitute or give rise to a Project Co Event of Default, in either case promptly when Project Co Has Knowledge of its occurrence.

12.3 Project Co Material Breach Cure and Remedial Program

After the occurrence of a Project Co Material Breach and while it is subsisting, the Authority may serve a notice on Project Co specifying in reasonable detail the type and nature of the Project Co Material Breach and:

- (a) Project Co will remedy such Project Co Material Breach referred to in such notice (if it is continuing) within 20 Business Days of such notice; or
- (b) if either the Authority (as set out in its notice) or Project Co reasonably considers that a Project Co Material Breach cannot reasonably be remedied within 20 Business Days of such notice, Project Co will deliver to the Authority within 10 Business Days of such notice a reasonable program (set out, if appropriate, in stages) for remedying the Project Co Material Breach. The program will specify in reasonable detail the manner in, and the latest date by, which the Project Co Material Breach is proposed to be remedied.

If Project Co puts forward a program in accordance with Section 12.3(b), the Authority will have 10 Business Days from receipt of the program within which to notify Project Co that the Authority, acting reasonably, does not accept the program, failing which the Authority will be deemed to have accepted the program. If the Authority notifies Project Co that it does not accept the program as being reasonable, the parties will use all reasonable efforts within the following 5 Business Days to agree to any necessary amendments to the program put forward. In the absence of an agreement within such 5 Business Days, the question of whether the program (as it may have been amended by agreement) will remedy such Project Co Material Breach in a reasonable manner and within a reasonable time period (and, if not, what would be a reasonable program) may be referred by either party for resolution in accordance with the Dispute Resolution Procedure.

12.4 Authority Termination Right

If:

- (a) a Project Co Material Breach is not remedied before the expiry of the period referred to in Section 12.3(a) and no program has been put forward by Project Co under Section 12.3(b);
- (b) Project Co puts forward a program pursuant to Section 12.3(b) which has been accepted by the Authority (including after agreement under Section 12.3 to amendments to the program) or has been determined to be reasonable pursuant to the Dispute Resolution Procedure and Project Co fails to achieve any material element of the program or the end date for the program, as the case may be;
- (c) any program put forward by Project Co pursuant to Section 12.3(b) is rejected by the Authority as not being reasonable, and, if such rejection is disputed by Project Co, the Dispute Resolution Procedure does not find against that rejection; or
- (d) any Project Co Event of Default other than a Project Co Material Breach occurs,

then the Authority may (if the Project Co Event of Default continues unwaived and unremedied), subject to the terms of the Lenders' Remedies Agreement, terminate this Agreement by notice to Project Co. The right of the Authority to terminate this Agreement under this Section 12.4 is in addition, and without prejudice, to any other right which the Authority may have in connection with Project Co's defaults hereunder.

For the purposes of Section 12.4(b), if Project Co's performance of the program is adversely affected by the occurrence of a Supervening Event or a breach by the Authority of its obligations under this Agreement, then, subject to Project Co complying with the mitigation and other requirements in this Agreement concerning such events, the time for performance of the program or any relevant element of it will be deemed to be extended by a period equal to the delay caused by such events which is agreed by the parties or determined in accordance with the Dispute Resolution Procedure.

12.5 Replacement of Non-Performing Service Provider

- (a) As an alternative to termination of this Agreement pursuant to Section 12.4, if:
 - (i) the Authority has a right to terminate this Agreement due to a Project Co Event of Default that was caused, or contributed to, by the Service Provider; and
 - (ii) the actions of the Service Provider constitute a breach under the Services Contract that entitles Project Co to terminate the Service Provider,

the Authority may, acting reasonably, require Project Co to terminate the Service Provider and ensure that a replacement Service Provider is appointed to provide the Services within 40 Business Days.

- (b) If the Authority exercises its rights under this Section 12.5, Project Co shall, within 10 Business Days, put forward a proposal for the interim management or provision of the Services until such time as a replacement Service Provider can be engaged by Project Co. If:
- (i) Project Co fails to submit a proposal for the interim management or provision of the Services, or the Authority is of the opinion, acting reasonably, that Project Co's proposal is not reasonably likely to result in adequate provision of the Services; and
 - (ii) the parties cannot agree within a further 3 Business Days to a plan for the interim management or provision of the Services,
- then, without prejudice to the other rights of the Authority under this Section 12.5,
- (iii) the Authority itself may perform, or engage others (including a third party) to perform, the Services;
 - (iv) Project Co will pay the Authority the amount of all direct costs and expenses reasonably incurred by the Authority in exercising its rights pursuant to Section 12.5(b)(iii) and an additional mark-up of █████ of such costs and expenses in respect of indirect costs and overhead not otherwise directly attributable to the exercise of such rights; and
 - (v) Project Co shall not be subject to Deductions in respect of those Services that are being performed by the Authority or a third party appointed by the Authority pursuant to Section 12.5(b)(iii) to the extent and for the duration of time that Project Co is not performing those Services.

Any Dispute in respect of the interim management or provision of the Services will be determined in accordance with the Dispute Resolution Procedure.

- (c) Project Co's appointment of a replacement Service Provider pursuant to this Section 12.5 shall be subject to the following:
- (i) the Authority's prior written consent, acting reasonably, as to the suitability of the replacement; and
 - (ii) the replacement Service Provider entering into:
 - (A) a contract with Project Co upon the same or substantially similar terms as the person so replaced; and
 - (B) a Material Project Contractor Collateral Agreement with the Authority and Project Co on the same terms as the Material Project Contractor Collateral Agreement entered into by the person so replaced,

unless any material variations are approved by the Authority, acting reasonably.

- (d) If Project Co fails to terminate the Service Provider and to secure a replacement Service Provider in accordance with this Section 12.5, the Authority shall be entitled to exercise its termination rights in accordance with Section 12.4.

12.6 The Authority's Costs

Project Co will reimburse the Authority for all reasonable costs incurred by the Authority in exercising any of its rights (including any relevant increased administrative expenses and actual legal expenses) under this Section 12 (Project Co Events of Default).

13. AUTHORITY EVENTS OF DEFAULT

13.1 Authority Events of Default

For the purposes of this Agreement, "**Authority Event of Default**" means any of the following events or circumstances:

- (a) a failure by the Authority to pay any amount due and owing to Project Co under this Agreement on the due date (which amount is not being disputed in good faith) and the Authority has not remedied such failure to pay within 10 Business Days of notice from Project Co;
- (b) except as provided for in Section 13.1(a), a breach, or series of breaches, by the Authority of any term, covenant or undertaking to Project Co, or any representation or warranty made by the Authority to Project Co in this Agreement is incorrect when made, the consequence of which:
 - (i) has an adverse effect on the performance of the Design, the Construction or the Services; or
 - (ii) results in any provision of this Agreement being unenforceable against the Authority,

and as a result thereof Project Co is reasonably likely to be materially deprived of the benefit of this Agreement;

- (c) if any material part of the Facility, the portion of the Lands on which the Facility is or will be situated, or any interest in Project Co or any Partner is expropriated by any Governmental Authority and as result thereof Project Co is reasonably likely to be materially deprived of the benefit of this Agreement; or
- (d) the Authority breaches Section 16.4 (Limitations on Assignment of Project by Authority).

13.2 Notification

The Authority will notify Project Co of the occurrence, and details, of any Authority Event of Default and of any event or circumstance which is likely, with the passage of time or otherwise, to constitute or give rise

to an Authority Event of Default, in either case promptly on the Authority Having Knowledge of its occurrence.

13.3 Project Co's Options

After the occurrence of an Authority Event of Default and while an Authority Event of Default is continuing, Project Co may, at its option exercise one or more of the following, as applicable:

- (a) in respect of the Design and the Construction prior to the Service Commencement Date, suspend performance by it of its Design and Construction obligations under this Agreement (but, for clarity, not suspend performance by it of its Services obligations under this Agreement) until such time as the Authority has demonstrated to the reasonable satisfaction of Project Co that it will perform and is capable of performing its obligations under this Agreement and the Target Service Commencement Date, the Longstop Date and the dates set out in the Phasing Plan will be extended by the time such suspension is in effect;
- (b) in the case of an Authority Event of Default under Section 13.1(a), suspend performance by it of its obligations under this Agreement until the Authority has remedied such Authority Event of Default and the Target Service Commencement Date and the Longstop Date will be extended by the time such suspension is in effect and such additional time as may be reasonably required to return to normal operations following such suspension;
- (c) in the case of an Authority Event of Default under Sections 13.1(a), 13.1(b) or 13.1(c), serve notice on the Authority of the occurrence specifying details of such Authority Event of Default and if the relevant matter or circumstance has not been rectified or remedied by the Authority or otherwise within 20 Business Days of such notice (or in the case of an Authority Event of Default under Section 13.1(b) or 13.1(c) such longer period as is reasonably required for the Authority to rectify or remedy such Authority Event of Default as long as the Authority is diligently pursuing such rectification or remedy), Project Co may serve a further notice on the Authority terminating this Agreement with immediate effect; or
- (d) in the case of an Authority Event of Default under Section 13.1(d), terminate this Agreement by notice to the Authority.

13.4 Project Co's Costs

The Authority will reimburse Project Co for all reasonable costs incurred by Project Co in exercising any of its rights (including any relevant increased administrative expenses, interest expenses during Construction and actual legal and other expenses) under this Section 13 (Authority Events of Default).

14. PROCEDURE ON TERMINATION

14.1 Compensation on Termination

If this Agreement is terminated pursuant to its terms, the Authority will pay compensation to Project Co in accordance with Schedule 9 [Compensation on Termination].

14.2 Transfer to the Authority of Assets, Contracts, etc.

On or promptly after the Termination Date:

- (a) if prior to the Service Commencement Date:
 - (i) in so far as any transfer will be necessary to fully and effectively transfer property to the Authority, Project Co will transfer to, and there will vest in, the Authority (or any New Project Co as may be appointed by the Authority) free from all financial encumbrances:
 - (A) such part of the Facility as has been constructed on or has become affixed to the Lands; and
 - (B) all construction materials on-hand to be (I) affixed to the Lands or, to the extent related to the Initial Remediation Work, the Existing Hospital Lands; or (II) otherwise used in the Facility or, to the extent related to the Initial Remediation Work, the Existing Hospital; and
 - (ii) if the Authority so elects:
 - (A) the construction plant and equipment will remain available to the Authority or the New Project Co for the purposes of completing the Design and Construction; and
 - (B) all other Project related plant and all materials on or near the Lands or, , to the extent related to the Initial Remediation Work, prior to the Initial Remediation Work Completion Date, the Existing Hospital Lands will remain available to the Authority or the New Project Co for the purposes of completing the Design, the Construction, and the Initial Remediation Work,
- subject to payment by the Authority of the Design-Builder's reasonable charges, and
- (b) if the Authority so elects, Project Co will cause any or all of the Project Contracts to be novated or assigned to the Authority, provided that:
 - (i) Project Co will not be obligated to assign to the Authority any of Project Co's rights to claim against the applicable Project Contractor that arose under such Project Contract prior to the date of such novation or assignment; and

- (ii) if termination occurs under Section 13.3 (Project Co's Options) the consent of the applicable Project Contractor will be required;
- (c) Project Co will, or will cause any Material Contract Party to, offer to sell to the Authority at the Fair Market Value, free from any security interest all or any part of the stocks of material and other assets, vehicles, spare parts and other moveable property owned by Project Co or any Material Contract Party and reasonably required by the Authority in connection with the operation of the Facility or the provision of the Services;
- (d) Project Co will deliver to the Authority (to the extent not already delivered to the Authority):
 - (i) all existing designs, plans and other documents produced in connection with the Facility and in the control of Project Co;
 - (ii) one complete set of existing "as built drawings" showing all alterations made to the Facility and the Existing Hospital, if applicable; and
 - (iii) one complete set of existing up to date maintenance, operation and training manuals for the Facility,subject to reasonable generally applicable third party licensing terms;
- (e) Project Co will use all reasonable efforts to ensure that the benefit of existing Project Intellectual Property and all warranties in respect of mechanical and electrical plant and equipment used or made available by Project Co under this Agreement and included in the Facility but not previously assigned or licensed to the Authority are assigned, licensed or otherwise transferred to the Authority;
- (f) to the extent permitted by Law, Project Co will assign to the Authority (or any New Project Co as may be appointed by the Authority) all Permits;
- (g) Project Co will deliver to the Authority all records required to be kept by Project Co hereunder (Project Co having the right to retain copies thereof) unless such documents are:
 - (i) required by Law to be retained by Project Co or a Project Contractor or Sub-Contractor, in which case complete copies will be delivered to the Authority; or
 - (ii) privileged from production pending resolution of any outstanding Dispute, in which case such records will be delivered forthwith upon resolution of such Dispute, provided that any records that are necessary for the performance of the Design, the Construction or the Services will be delivered to the Authority no later than the Termination Payment Date; and
- (h) return to the Authority all Confidential Information of the Authority within the possession or control of Project Co or any Project Contractor or Sub-Contractor.

Project Co will ensure that provision is made in all applicable contracts to ensure that the Authority will be in a position to exercise its rights, and Project Co will be in a position to comply with its obligations, under this Section 14.2 without additional payment or compensation to any Person.

14.3 Transition Out Arrangements:

At the expiry of the Term, Project Co will:

- (a) on request by the Authority, for a period not to exceed 6 months after the Termination Date:
 - (i) co-operate fully with the Authority and any successor providing to the Authority services in the nature of any of the Services or any part of the Services to achieve a timely, safe, orderly, effective and efficient transition of the performance of services in the nature of the Services and to avoid or mitigate in so far as reasonably practicable any inconvenience or any risk to the health and safety of Facility Users; and
 - (ii) continue to provide the Services or any part of the Services required by the Authority and the Authority will pay to Project Co a reasonable price for such services determined with reference to Project Co's price for such Services prior to the Termination Date;
- (b) subject to Section 14.3(a), as soon as practicable following the Termination Date remove from the Lands and the Existing Hospital Lands all property of Project Co or any Project Co Person that is not acquired by the Authority pursuant to Section 14.2 (or not belonging to the Authority) and if it has not done so within 40 Business Days after any notice from the Authority requiring it to do so the Authority may (without being responsible for any loss, damage, costs or expenses) remove and sell any such property and will hold any proceeds less all costs incurred to the credit and direction of Project Co;
- (c) subject to Section 14.3(a), on the Termination Date deliver to the Authority:
 - (i) all keys, access codes and/or other devices required to operate the Facility in the control of Project Co; and
 - (ii) any Project Intellectual Property required to be delivered by Project Co pursuant to Section 14.2(e);
- (d) subject to Section 14.3(a), as soon as practicable after the Termination Date, vacate, and cause the Project Co Persons to vacate, those parts of the Existing Hospital, the Facility, the Lands and the Existing Hospital Lands over which Project Co has control and occupation and will leave such parts of the Lands, the Existing Hospital Lands, the Existing Hospital and the Facility in a safe, clean and orderly condition; and
- (e) comply with all requirements of Schedule 20 [Handback Requirements].

14.4 Project Co to Cooperate

If the Authority wishes to conduct a competition prior to the Expiry Date with a view to entering into an agreement for the provision of services (which may or may not be the same as, or similar to, the Services or any of them) following the expiry of this Agreement, Project Co will prior to the Expiry Date co-operate with the Authority fully in such competition process including by:

- (a) providing any information in Project Co's control or possession which the Authority may reasonably require to conduct such competition except that information which is commercially sensitive to Project Co or a Project Co Person (and, for such purpose commercially sensitive means information which would if disclosed to a competitor of Project Co or a Project Co Person give that competitor a competitive advantage over Project Co or the Project Co Person and thereby prejudice the business of Project Co or the Project Co Person); and
- (b) assisting the Authority by providing any participants in such competition process with access to the Lands and the Facility provided such access does not affect the Services in a way that results in any reduction in Service Payments and does not affect the Initial Remediation Work.

Project Co will be entitled to reimbursement for all reasonable out of pocket expenses and internal costs incurred in connection with the foregoing services.

14.5 Project Co Material

In connection with all information, records, documents, data and other materials delivered by Project Co to the Authority as required pursuant to this Section 14 (collectively, the "**Project Co Materials**"), Project Co shall deliver to the Authority a certificate of an officer of Project Co addressed to the Authority in form and substance satisfactory to the Authority, certifying, among other things:

- (a) all Project Co Materials delivered to the Authority are true, accurate and complete copies of the originals of all such Project Co Materials;
- (b) with respect to Project Co Materials that constitute agreements, understandings, indentures, contracts, leases, deeds of trust, licences, options, instruments or other commitments between Project Co and any persons:
 - (i) all are in good standing and in full force and effect with no amendments and Project Co is entitled to all rights and benefits thereunder; and
 - (ii) Project Co has complied with all terms thereof, has paid all amounts due thereunder, has not waived any rights thereunder and no default or breach exists in respect thereof on the part of any of the parties thereto and no event has occurred which, after the giving of notice or the lapse of time or both, would constitute such a default or breach; and

- (c) other than Project Co Materials there no other material agreements, understandings, indentures, contracts, leases, deeds of trust, licences, options, instruments or other commitments relating to the Project.

14.6 Continued Performance

Subject to Project Co's rights of suspension under Sections 13.3(a) and 13.3(b) (Project Co's Options) and subject to the provisions of this Section 14, the parties will continue to perform their obligations under this Agreement (including the Authority continuing to make Service Payments) notwithstanding the giving of any notice of default or notice of termination.

15. DISPUTE RESOLUTION

15.1 Procedure

Except as otherwise provided in this Agreement, any Dispute will be resolved in accordance with, and the parties will comply with, the Dispute Resolution Procedure set out in Schedule 13 [Dispute Resolution Procedure].

15.2 Undisputed Amounts

A party will pay any undisputed portion of any disputed amount to the other party in accordance with this Agreement but any disputed portion or amount will not be payable until the Dispute is resolved as aforesaid.

16. ASSIGNMENT/CHANGE IN CONTROL

16.1 Limitations on Assignment of Project by Project Co

Project Co will not assign, transfer or otherwise dispose of any interest in this Agreement or a Project Contract except:

- (a) as security, substantially in a form approved by the Authority, acting reasonably, prior to its grant for any loan made to Project Co under any Senior Financing Agreement and provided the Senior Lenders enter into the Lenders' Remedies Agreement;
- (b) in connection with the exercise of rights of the Senior Lenders under the Senior Financing Agreements in accordance with the Lenders' Remedies Agreement; or
- (c) otherwise:
 - (i) prior to the day (the "**Transfer Restriction Date**") that is one year after the Service Commencement Date, with the written consent of the Authority, which may be given or withheld in the Authority's discretion, and
 - (ii) after the Transfer Restriction Date, with the written consent of the Authority, which will not be unreasonably withheld or delayed,

provided that in the case of an assignment under 16.1(b) or 16.1(c) above the assignee:

- (d) is not a Restricted Person; and
- (e) assumes all the obligations of Project Co under this Agreement.

16.2 Limitations on Change in Control

No Change in Control of Project Co will be permitted (whether by Project Co or otherwise) to occur except:

- (a) in connection with the exercise of rights of the Senior Lenders under the Senior Financing Agreements in accordance with the Lenders' Remedies Agreement, provided that such Change in Control does not result in a Restricted Person obtaining control of Project Co;
- (b) arising from any bona fide open market transaction in any shares or other securities of Project Co or of any Person having an ownership interest in Project Co effected on a recognized public stock exchange; or
- (c) otherwise:
 - (i) prior to the Transfer Restriction Date, with the written consent of the Authority, which may be given or withheld in the Authority's discretion; and
 - (ii) after the Transfer Restriction Date, with the written consent of the Authority, which will not be unreasonably withheld or delayed.

Notwithstanding any other provision of this Agreement:

- (d) Project Co will not be, nor will it become at any time, a Restricted Person; and
- (e) except as a result of a transaction referred to in Section 16.2(b) above, a Person who is a Restricted Person will not acquire any ownership interest (whether directly or indirectly) in Project Co or in any Person that has control of Project Co.

16.3 Factors Authority May Consider

In determining whether to provide its consent under Section 16.1(c) or 16.2(c), and without limiting the Authority's discretion thereunder, it will be reasonable for the Authority to refuse its consent if:

- (a) the proposed assignee or the new party in control of Project Co, as the case may be, or any of their Affiliates, is a Restricted Person;
- (b) the proposed assignee or the new party in control of Project Co, as the case may be, is, in the reasonable opinion of the Authority, not sufficiently creditworthy or having sufficient financial capacity, taking into account the nature of the obligations under this Agreement; or

- (c) the assignment or Change in Control could, in the reasonable opinion of the Authority, have a material adverse effect on the Authority or the Project.

16.4 Limitations on Assignment of Project by Authority

The Authority will not assign, transfer or otherwise dispose of any interest in this Agreement unless:

- (a) the assignment, transfer or other disposition is to a Qualified Person; and
- (b) the assignee assumes all the obligations of the Authority under this Agreement.

16.5 Costs of Request for Consent

If Project Co requests consent to an assignment, transfer or disposition pursuant to Section 16.1 or to a Change in Control pursuant to Section 16.2, Project Co will pay the Authority's reasonable internal administrative and personnel costs and all reasonable out-of-pocket costs in connection with considering any such request.

17. GENERAL

17.1 Confidentiality

- (a) Subject to Section 17.1(b), each party will hold in confidence any Confidential Information received from the other party, except that this Section 17.1 will not restrict:
 - (i) either party from disclosing or granting access to such information to its professional advisers and consultants, to the extent necessary, to enable it to perform (or to cause to be performed) or to enforce its rights or obligations under this Agreement and provided further that Project Co may, subject to obtaining confidentiality restrictions similar to those set out in this Agreement:
 - (A) provide to the Senior Lenders and other potential lenders, equity providers, underwriters, arrangers, investment dealers, monoline insurers and their respective advisors such documents and other information as are reasonably required by them in connection with raising financing for the Project or complying with the terms of the Senior Financing Agreements or related agreements; and
 - (B) provide to a Project Contractor and its advisors, or provide or cause to be provided to other third parties, Confidential Information which is necessary to enable Project Co to perform (or to cause to be performed) its obligations under this Agreement but which Confidential Information will not be used by the Project Contractor, its advisors, or other third parties, as applicable, for any other purpose; and
 - (ii) the Authority from disclosing or granting access to such information to any department or ministry of GNWT or any other Governmental Authority which requires the information in relation to the Project.

- (b) Subject to any restrictions on the Confidential Information which are imposed by a third party that may own any Confidential Information, the obligation to maintain the confidentiality of the Confidential Information does not apply to Confidential Information:
 - (i) which the party that disclosed the Confidential Information confirms in writing is not required to be treated as Confidential Information;
 - (ii) which is or comes into the public domain otherwise than through any disclosure prohibited by this Agreement;
 - (iii) to the extent any Person is required to disclose such Confidential Information by Law, including without limitation, a disclosure required under the *Access to Information and Protection of Privacy Act* (Northwest Territories);
 - (iv) to the extent consistent with any Authority's policy concerning the Authority's Confidential Information, the details of which have been provided to Project Co in writing prior to the disclosure; or
 - (v) that the Authority may be entitled to receive from Project Co pursuant to this Agreement for the operation, maintenance or improvement of the Facility in the event of, or following, termination of this Agreement.
- (c) Without prejudice to any other rights and remedies that the other party may have, each of the parties agrees that damages may not be an adequate remedy for a breach of Section 17.1(a) and that the other party will, in such case, be entitled to the remedies of injunction, specific performance or other equitable relief for any threatened or actual breach of Section 17.1(a).
- (d) Project Co will be fully liable for any breach of confidentiality under this Section 17.1 by any Person to whom Project Co has disclosed or granted access to Confidential Information under this Section 17.1 to the same extent as if Project Co itself breached confidentiality under this Section 17.1.

17.2 Personal Information

Project Co will, and will require Project Contractors and Sub-Contractors to, only collect, hold, process, use, store and disclose Personal Information:

- (a) with the prior consent of the Authority;
- (b) to the extent necessary to perform Project Co's obligations under this Agreement and in circumstances where the Authority itself could collect, hold, process, use, store and disclose Personal Information if the Authority itself performed the Services; and
- (c) in accordance with applicable Laws, including the *Access to Information and Protection of Privacy Act* (Northwest Territories) as if the provisions of such Laws applied directly to Project Co, the Project Contracts and Sub-Contractors.

Project Co will allow the Authority on reasonable notice to inspect the measures of Project Co and its Project Contractors and Sub-Contractors to protect Personal Information.

The Authority may from time to time provide guidance to Project Co on the requirements of this Section 17.2, including the circumstances set out in Section 17.2(b). For greater certainty, the provisions of this Section 17.2 that refer to the *Access to Information and Protection of Privacy Act* (Northwest Territories) will apply to the Design-Builder, Service Provider and their respective Sub-Contractors only to the extent necessary to fulfill the Authority's obligations under the *Access to Information and Protection of Privacy Act* (Northwest Territories).

17.3 Public Communications

Unless expressly provided in this Agreement or otherwise required by any Law (but only to that extent), neither party will make or permit to be made any public announcement or disclosure whether for publication in the press, radio, television or any other medium of any Confidential Information or any matters relating thereto, without the written consent of the other party (which will not be unreasonably withheld or delayed). The parties will comply with Schedule 16 [Communication Roles].

17.4 Law of Agreement

This Agreement will be deemed to be made pursuant to the laws of the Northwest Territories and the laws of Canada applicable therein and will be governed by and construed in accordance with such laws.

17.5 Attornment

For the purposes of any legal actions or proceedings brought by any party hereto against the other party, the parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Northwest Territories and acknowledge their competence and the convenience and propriety of the venue and agree to be bound by any judgment thereof and not to seek, and hereby waive, review of its merits by the courts of any other jurisdiction.

17.6 Entire Agreement, Waivers and Consents in Writing

This Agreement and the instruments and documents to be executed and delivered pursuant to it constitute the entire agreement between the parties, expressly superseding all prior agreements and communications (both oral and written) between any of the parties hereto with respect to all matters contained herein or therein, and except as stated herein or the instruments and documents to be executed and delivered pursuant hereto, contains all the representations and warranties of the respective parties. In addition:

- (a) no waiver of any provision of this Agreement; and
- (b) no consent required pursuant to the terms of this Agreement,

is binding or effective unless it is in writing and signed by the party providing such waiver or consent.

17.7 Notices

Any notice or communication required or permitted to be given under this Agreement will be in writing and will be considered to have been sufficiently given if delivered by hand or transmitted by electronic transmission to the address or electronic mail address of each party set out below:

if to the Authority:

The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9

[Redacted] [Redacted]
[Redacted] [Redacted]

if to Project Co:

Boreal Health Partnership
c/o Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6

[Redacted] [Redacted]
[Redacted] [Redacted]

with copy to:

HOCHTIEF Boreal Health Partner Inc.
2 Bloor Street East, Suite 701
Toronto, ON M4W 1A8

[Redacted] [Redacted]
[Redacted] [Redacted]
[Redacted] [Redacted]

with copy to:

Bird Capital Limited Partnership
Suite 400, 5700 Explorer Drive
Mississauga, ON L4W 0C6

[Redacted] [Redacted]
[Redacted] [Redacted]

with copy to:

[REDACTED]

or to such other address or electronic mail address as any party may, from time to time, designate in the manner set out above. Any such notice or communication will be considered to have been received:

- (a) if delivered by hand during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt by a responsible representative of the receiver, and if not delivered during business hours, upon the commencement of business hours on the next Business Day; and
- (b) if delivered by electronic mail during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt, and if not delivered during business hours, upon the commencement of business hours on the next Business Day provided that:
 - (i) the receiving party has, by electronic mail or by hand delivery, acknowledged to the notifying party that it has received such notice; or
 - (ii) within 24 hours after sending the notice, the notifying party has also delivered a copy of such notice to the receiving party by hand delivery.

17.8 Further Assurances

The parties will do, execute and deliver, or will cause to be done, executed and delivered, all such further acts, documents (including certificates, declarations, affidavits, reports and opinions) and things as the other may reasonably request for the purpose of giving effect to this Agreement or for the purpose of establishing compliance with the representations, warranties and obligations of this Agreement.

17.9 Counterparts

This Agreement may be executed in any number of counterparts, each of which will be deemed to be an original, and this has the same effect as if the signatures on the counterparts were on a single copy of this Agreement so that it will not be necessary in making proof of this Agreement to produce or account for more than one such counterpart.

17.10 No Partnership, etc.

Nothing contained in this Agreement nor any action taken pursuant hereto or thereto will be deemed to constitute the Authority and Project Co a partnership, joint venture or any other similar such entity.

17.11 Survival

Notwithstanding any other provision of this Agreement, the provisions of Section 6.16 (Third Party Liability Insurance as an Uninsurable Risk), Section 8 (Supervening Events) (if and to the extent a Compensation Event relates to a claim made by a third party against Project Co after the Termination Date), Section 9 (Indemnities and Limits on Liabilities and Remedies), Section 14 (Procedure on Termination), Section 15

(Dispute Resolution), Section 17.1 (Confidentiality), Section 17.2 (Personal Information), Schedule 9 [Compensation on Termination], Schedule 13 [Dispute Resolution Procedure] and Schedule 20 [Handback Requirements] will survive the expiry or any earlier termination of this Agreement.

IN WITNESS WHEREOF the parties hereto have executed this Agreement as of the day and year first above written.

THE GOVERNMENT OF THE NORTHWEST TERRITORIES

Per: _____
Name:
Title:

BOREAL HEALTH PARTNERSHIP, by its general partners:

CARILLION BHP (STH) GP HOLDINGS INC.,

by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

BIRD CAPITAL (STH) GP HOLDINGS INC.,

by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

HOCHTIEF BOREAL HEALTH PARTNER INC.,

by its authorized signatory:

Per: _____
Name:
Title:

SCHEDULE 1

DEFINITIONS AND INTERPRETATION

1. DEFINITIONS

In this Agreement:

“Account Trustee” has the meaning set out in Appendix 5B [Insurance Trust Agreement];

“Additional Irrecoverable Tax” means GST incurred by Project Co in respect of the supply of any good or service to the Authority which is consumed, used or supplied, or to be consumed, used or supplied, exclusively by Project Co in the course of carrying out the Design or Construction or performing the Services to the extent that Project Co is unable to recover or be credited with input tax credits, refunds, rebates or exemptions for such GST that Project Co would have recovered or been credited with prior to the applicable Change in Law;

“Additional Recoverable Tax” means GST incurred by Project Co in respect of the supply of any good or service to the Authority which is consumed, used or supplied, or to be consumed, used or supplied, exclusively by Project Co in the course of carrying out the Design or Construction or performing the Services to the extent that Project Co is able to recover or be credited with input tax credits, refunds, rebates or exemptions for such GST that Project Co would not have recovered or been credited with prior to the applicable Change in Law;

“Adjusted Estimated Market Value” has the meaning set out in Schedule 9 [Compensation on Termination];

“Adjusted Highest Compliant Bid Price” has the meaning set out in Schedule 9 [Compensation on Termination];

“Affiliate” in respect of a Person means any other Person that, directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with, such first Person where **“control”** means, with respect to the relationship between or among two or more Persons, the possession, directly or indirectly or as trustee, personal representative or executor, of the power to direct or cause the direction of the affairs or management of a Person, whether through the ownership of voting securities, as trustee, personal representative or executor, by statute, contract, credit arrangement or otherwise, including the ownership, directly or indirectly, of securities having the power to elect a majority of the board of directors or similar body governing the affairs of such Person;

“Affiliated Person” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Agent” has the meaning set out in Appendix 5B [Insurance Trust Agreement];

“Agreement” means this agreement including any recitals, schedules and appendices to this agreement, as amended, supplemented or restated from time to time;

“Allowable Capital Expenditure” means the Capital Expenditure incurred by Project Co as a direct consequence of a Relevant Works Change in Law;

“**Annual Energy Target**” has the meaning set out in Appendix 2C [Energy];

“**Annual Service Plan**” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“**Applicant**” has the meaning set out in Section 8.1 (Supervening Events);

“**Architect**” means Kasian Architecture, which has been engaged by the Design-Builder to undertake the Design;

“**Authority**” means the Government of the Northwest Territories;

“**Authority Activities**” means any activities carried on or to be carried on by the Authority, or other Persons permitted by the Authority, in the Facility from and after the Service Commencement Date, related to the provision of Clinical Services and non-clinical services;

“**Authority Event of Default**” has the meaning set out in Section 13.1 (Authority Events of Default);

“**Authority FM Services**” means all services and activities, other than Clinical Services, provided or performed at the Existing Hospital and/or the Facility by the Authority from time to time;

“**Authority Indemnified Person**” means:

- (a) any contractor or subcontractor (of any tier) of the Authority engaged in connection with the Project;
- (b) any representative, agent or advisor (including legal and financial advisors) of the Authority, engaged in connection with the Project, or of any Person referred to in (a) above, in each case acting in such capacity; and
- (c) any director, officer or employee of the Authority or of any Person referred to in (a) or (b) above, in each case acting in such capacity;

“**Authority Person**” means:

- (a) any director, officer, employee or agent of the Authority;
- (b) any representative, advisor (including any legal and financial advisor), contractor or subcontractor (of any tier) of the Authority (including a contractor or subcontractor pursuant to a contract or subcontract relating to a project other than the Project) in any such Person’s capacity as a provider of services directly or indirectly to the Authority in connection with the Project, other than Project Co, Project Contractors or Sub-Contractors;
- (c) any invitee of the Authority or any of the Authority Persons referred to in (a) or (b) above who enters upon the Lands or, during the Existing Hospital Works Period, the Existing Hospital Lands; or

- (d) any lessee or tenant of the Authority at the Facility or, during the Existing Hospital Works Period, the Existing Hospital;

“Authority Policies” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Authority Supplied End-Use Equipment” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Availability Condition” has the meaning set out in Schedule 8 [Payments];

“Average Unit Cost” has the meaning set out in Appendix 2C [Energy];

“Avoidable Costs”, when used in relation to an event or circumstance, means all costs and expenditures which:

- (a) are saved or avoided as a result of the event or circumstance or its effects; or
- (b) if Project Co acted reasonably and in accordance with this Agreement (including Section 2.5), would have been saved or avoided as a result of the event or circumstance or its effects;

“Base Case Project IRR” means [REDACTED] being the Nominal internal rate of return for the Project calculated on an after tax basis at the level of Project Co in accordance with the Financial Model as shown in Cell O19 of the Outputs worksheet;

“Base Date” means April 1, 2015;

“Benchmark Price Range” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Benchmarking Exercise” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Benchmarking Proposal” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Beneficiary” has the meaning set out in Section 9.2 (Conduct of Third Person Claims);

“Biomedical Waste” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“BMS” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Building Systems” have the meaning set out in Appendix 4C [Plant Services];

“Buildings” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Business Day” means a day other than a Saturday, Sunday or statutory holiday in the Northwest Territories;

“Capital Expenditure” means an expenditure related to the Project which is treated as a capital expenditure in accordance with GAAP;

“**Catering Services**” means the services described in Appendix 4L [Catering Services];

“**Certificate of Service Commencement**” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“**Change**” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“**Change Certificate**” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“**Change Directive**” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“**Change in Control**” means with respect to a Person:

- (a) any direct or indirect change in the ownership or control of any legal, beneficial or equitable interest in any or all of the shares, units or equity in the Person (including the control over the exercise of voting rights conferred on equity share capital, unit interests or equity interests or the control over the right to appoint or remove directors, a general partner or other managers), including changes arising from assignment or transfer of existing shares, units or equity, issuance of new shares, units or equity or amalgamation, merger consolidation, amendment of a partnership agreement, amendment of a limited partnership certificate or other reorganization; or
- (b) any other direct or indirect change,

which results in a Person or group of Persons, other than the equity holders of the entity immediately prior to the change, directly or indirectly:

- (c) controlling the composition of the majority of the board of directors of the entity or of a general partner or manager of the entity;
- (d) controlling the decisions made by or on behalf of the Person, including by controlling the voting power of the board of directors or by controlling the voting power of any class of shareholders or equity holders of any of the entity, a general partner of the entity or a manager of the entity or otherwise;
- (e) holding equity (either beneficially or otherwise) of that entity with a subscribed value (taking into account contributions to be made in the case of a limited partnership) of more than one half of the subscribed value (taking into account contributions to be made in the case of a limited partnership) or equity (either beneficially or otherwise) of that entity with more than one half of the voting rights; or
- (f) having the ability to direct or cause the direction of the management, actions or policies of the entity;

“**Change in Law**” means the coming into effect in Canada after the Financial Submission Date of:

- (a) any new Law; or
- (b) any modification (including repeal) of any Law existing on such date,

which is binding on Project Co or the Authority, but excluding in each such case:

- (c) any lawful requirements of any Governmental Authority (unless resulting from a Change in Law);
- (d) any change in the interpretation of any legislation other than a judgment of a relevant court which changes binding precedent in the Northwest Territories;
- (e) any new Law or modification arising from or in any way connected to or having substantially the same effect as any Law which as of the Financial Submission Date:
 - (i) had been introduced as a Bill in the Legislative Assembly of the Northwest Territories or the Parliament of Canada or in a draft statutory instrument published or issued by a Governmental Authority; or
 - (ii) had been published in the Canada Gazette or in a draft bill as part of a Governmental Authority discussion or consultation paper;

“Change Mark-Up” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Change Report” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Change Report Costs” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Charge” has the meaning set out in Schedule 7 [Lands];

“City” means the City of Yellowknife;

“Cleaned Elements” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Cleaning Access Times” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Cleaning Outcome Standards” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Cleaning Services” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Clinical Services” means the direct and/or indirect provision of medical and healthcare services at the Existing Hospital and/or the Facility to or for the benefit of persons requesting or requiring such services;

“Clinical Specifications” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“CMMS” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Commission”, **“Commissioning”** and **“Commissioned”** have the meanings set out in Appendix 2D [Equipment and Furniture], and are defined solely for purposes of the Equipment;

“Commissioning Plan” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Compensation Event” means any of the following events or circumstances if and to the extent that it interferes adversely with, or causes a failure of, the carrying out of the Design, the Construction, the Initial Remediation Work or the Services, causes an Unavailability Event or causes Direct Losses to Project Co or any Project Co Person:

- (a) breach by the Authority of any of its obligations under this Agreement;
- (b) breach of any representation or warranty by the Authority under this Agreement;
- (c) misconduct of the Authority, an Authority Person or a Facility User;
- (d) a negligent act or omission of the Authority, an Authority Person or a Facility User;
- (e) the existence of Undisclosed Environmental Liabilities;
- (f) a Permit which is the obligation of the Authority to obtain or maintain is declared invalid or defective by a court of competent jurisdiction;
- (g) the existence as of the Effective Date of any encumbrance enforceable against or affecting the Lands, the Existing Hospital Lands or the Existing Hospital other than the Encumbrances;
- (h) the discovery of any human remains, relics or other articles or structures of historical, antiquarian or archaeological interest on or adjacent to the Lands;
- (i) a claim asserting infringement of aboriginal rights (including duty to consult) or aboriginal treaty rights or aboriginal title by any first nation(s);
- (j) a Protest Action;
- (k) lawful or unlawful strike, lockout, work-to-rule or other dispute by Public Sector Employees or by the employees of any contractor (other than Project Co) engaged by the Authority to provide services in the Facility or, prior to the Initial Remediation Work Completion Date, the Existing Hospital;

- (l) the actions referred to in Section 11.5 (Allocation of Costs for Authority Actions) as constituting a Compensation Event;
- (m) the event referred to in Section 8.4 (Project Co's Entitlements Upon Occurrence of a Relief Event);
- (n) the event referred to in Section 8.6 (Parties' Entitlements Upon Occurrence of a Force Majeure Event);
- (o) the event referred to in Section 6.15(a) and 6.15(c) of Schedule 2 [Design and Construction Protocols];
- (p) Project Co's compliance with a direction from the Authority under Section 3.3 of Schedule 13 [Dispute Resolution Procedure] when the matter in dispute is subsequently resolved, or settled, in Project Co's favour;
- (q) the execution of works, other than usual or reasonably expected works, on the Lands or the Existing Hospital Lands or in respect of the Facility or the Existing Hospital and not forming part of this Agreement, by the Authority or any person permitted to execute such works by the Authority or any Authority Person;
- (r) the outbreak or effects of any Medical Contamination if and to the extent such Medical Contamination affects more than 15% of the floor space in the Facility;
- (s) if part of the Facility or part of the portion of the Lands on which the Facility is or will be situated or any interest of Project Co or any Partner is expropriated by any Governmental Authority and such expropriation is not an Authority Event of Default as set out in Section 13.1; or
- (t) any other event which is expressly stated in this Agreement to constitute a Compensation Event,

except to the extent that any of such events arise or are contributed to, directly or indirectly, as a result of any wilful misconduct, negligent act or omission or non-compliance with the terms of this Agreement by Project Co or any Project Co Person;

"Compliant Bid" has the meaning set out in Schedule 9 [Compensation on Termination];

"Confidential Information" means Personal Information, and information of a party that the party has designated as confidential at the time of disclosure and which is supplied, or to which access is granted, to or on behalf of the other party (whether before or after the Effective Date), either in writing, or in any other form, directly or indirectly pursuant to discussions with the other party and includes all analyses, compilations, studies and other documents whether prepared by or on behalf of a party which contain or otherwise reflect or are derived from such designated information;

"Confidential Waste" has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Construction” means everything (other than Design) required to achieve Service Commencement, including the construction of the Facility, temporary works and the supply of all labour and materials, construction equipment, management, supervision and support of any kind or nature whatsoever required for the construction of the Facility, the Facility Move and the supply, installation, testing and commissioning of all Equipment;

“Construction Lands” means the enclosed active area (or areas) of Construction or Initial Remediation Work, as applicable, on the Lands or the Existing Hospital Lands, as identified by Project Co and agreed in advance by the Authority;

“Construction Payment” has the meaning set out in Appendix 8B [Construction Payments];

“Construction Period” means the period commencing on the Effective Date and ending on the Service Commencement Date;

“Construction Period Joint Committee” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Contingency Plans” has the meaning set out in Appendix 4A [General Management Services];

“Contingent Funding Liabilities” means direct or indirect liabilities or contingent liabilities, if any, of the Partners in respect of financial obligations owed to Project Co, to the General Partner, to any party under the Junior Debt or the Senior Lenders under the Senior Financing Agreements, such as, for example, the amount a Partner has agreed to contribute to Project Co, promissory notes, obligations to fund reserve accounts, guarantees, letters of credit in respect of deferred equity, subordinated debt or equity bridge loans;

“Contract Year” means each of:

- (a) the period from the Effective Date to the next March 31;
- (b) each subsequent period of 12 calendar months commencing on April 1; and
- (c) the period from the April 1 immediately prior to the Termination Date to and including the Termination Date;

“Cooling Degree Days” has the meaning set out in Appendix 2C [Energy];

“Core User Group” has the meaning set out in Appendix 2B [User Consultation and Design Review];

“Cost to Complete” as at a date means in respect of the Design and Construction, the total remaining costs to be incurred by Project Co and paid to the Design-BUILDER under the Design-Build Agreement for Design and Construction to be performed by the Design Builder to achieve Service Commencement;

“Cost to Date” has the meaning set out in Appendix 8B [Construction Payments];

“Criminal Conviction” has the meaning set out in Section 12.1 (Project Co Events of Default);

“Critical Care Area” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Cumulative Allowable Capital Expenditure” means the cumulative amount of all the Allowable Capital Expenditures from time to time during the Term;

“Debt” of any Person at any date means, without duplication:

- (a) all obligations of such Person for borrowed money;
- (b) all obligations of such person evidenced by bonds, debentures, notes or other similar instruments;
- (c) all obligations of such person to pay the deferred purchase price of property or services, except trade accounts payable arising in the ordinary course of business;
- (d) all obligations of such person under leases which are or should be, in accordance with GAAP, recorded as capital leases in respect of which such person is liable, except leases arising in the ordinary course of business;
- (e) all obligations of such Person to purchase securities (or other property) which arise out of or in connection with the sale of the same or substantially similar securities (or property);
- (f) all deferred obligations of such Person to reimburse any bank or other Person in respect of amounts paid or advanced under a letter of credit or other similar instrument;
- (g) all Debt (as otherwise defined in this definition) of others secured by a Charge on any asset of such Person, provided such Debt (as otherwise defined in this definition) is assumed by such Person; and
- (h) all Debt (as otherwise defined in this definition) of others guaranteed directly or indirectly by such Person or as to which such Person has an obligation substantially the economic equivalent of a guarantee;

“Deduction” has the meaning set out in Schedule 8 [Payments];

“Deemed Corporate Project Co” has the meaning set out in Schedule 9 [Compensation on Termination];

“Default Rate” on any day means ■■■ per annum over the Prime Rate;

“Defect” means any defect or fault, including omission, in the Facility which occurs due to a failure by Project Co to comply with the Design and Construction obligations under this Agreement;

“Deficiency” or **“Deficiencies”** has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Deficiency Deadline” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Deliver”, “Delivery” and “Delivered” have the meanings set out in Appendix 2D [Equipment and Furniture];

“Demand Maintenance” has the meaning set out in Appendix 4C [Plant Services];

“Demand Requisition” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Demolition Plan” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Design” means everything required for the design of the Facility except for any design that is expressly excluded from Project Co’s responsibility under this Agreement;

“Design and Construction Energy Target” has the meaning set out in Appendix 2C [Energy];

“Design and Construction Protocols” means the provisions of Schedule 2 [Design and Construction Protocols];

“Design and Construction Representative” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Design and Construction Specifications” mean the provisions of Schedule 3 [Design and Construction Specifications];

“Design Professionals” means the Architect, the Architect’s subconsultants and the design consultants engaged directly by the Design-Builder or Project Co, including engineers and technical experts, who provide services with respect to the Design;

“Design-Build Agreement” means the design and construction agreement between Project Co and the Design-Builder, a certified copy of which has been delivered by Project Co to the Authority, as amended, supplemented or replaced from time to time in accordance with this Agreement;

“Design-Builder” means Bird-Clark Stanton JV, an unincorporated joint venture of Bird Design-Build Construction Inc. and Clark Builders, or any assignee or replacement permitted under this Agreement;

“Direct Losses” means in respect of a condition, event or omission, without duplication, all damages, losses, liabilities, penalties, fines, assessments, claims (including by third parties), actions, costs (including increased Capital Expenditures), expenses (including the reasonable cost of legal or professional services), proceedings, demands and charges, whether arising under statute, contract or at common law, which result directly from such condition, event or omission:

- (a) net of related Insurance Proceeds and Insurance Receivables and any amount which the relevant party would have recovered (in respect of such condition, event or omission) if it had complied with the requirements of this Agreement or any policy of insurance maintained or required to be maintained under this Agreement;
- (b) excluding any Indirect Losses, except to the extent included in a third party claim; and
- (c) in the case of Project Co, without limiting the foregoing:

- (i) including the full amount of the related loss or reduction of any Service Payments; and
- (ii) net of Avoidable Costs related to such condition, event or omission,

and in calculating any amount of any additional Capital Expenditure, labour or similar cost claimed by Project Co under this definition of “Direct Losses”, Project Co will be entitled to add to such amounts the mark-ups referred to in Section 2.10 of Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Disclosed Data” means any information, data and documents made available or issued to Project Co or any Project Contractor or Sub-Contractor in connection with the Project by or on behalf of the Authority, including the Geotechnical Reports, the Environmental Report, the Hazardous Materials Report and any information relating to the Lands or the requirements of any Governmental Authority, whether before or after the execution of this Agreement;

“Discriminatory Change in Tax Law” means a Change in Law which results in the imposition of Taxes or a change in Taxes which specifically apply to discriminate against:

- (a) the Project or health care-related projects procured and contracted on a public-private partnership basis similar to the Project;
- (b) Project Co and its Partners or Persons that have contracted on similar health care-related projects procured and contracted with the Authority or other statutory or public body on a public-private partnership basis similar to the Project;
- (c) the design, provision, operation or maintenance of hospitals or health care facilities and not to other types of facilities; or
- (d) Persons holding shares or other evidences of ownership in Persons whose principal business is contracting on other similar health care-related projects procured and contracted on a public-private partnership basis similar to the Project and not other Persons;

“Dispute” means any disagreement, failure to agree or other dispute between the Authority and Project Co arising out of or in connection with this Agreement, including in respect of the interpretation, breach, performance, validity or termination of this Agreement, whether in the law of contract or any other area of law;

“Dispute Notice” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“Dispute Resolution Procedure” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“Distribution” means, without duplication or double counting:

- (a) whether in cash or in kind, any:

- (i) distribution to Partners or other distribution in respect of equity interests in Project Co;
 - (ii) redemption or purchase of any equity interest in Project Co or reduction of partnership capital or the amount of a Partner's contribution stated in the limited partnership certificate or any other reorganization or variation to partnership capital;
 - (iii) payment in respect of Junior Debt (whether of fees, principal, interest including capitalized interest and interest on overdue interest, breakage costs, or otherwise and whether or not such items are included or excluded from the definition of Junior Debt);
 - (iv) payment, loan, contractual arrangement, including any management agreement or payment in respect thereof, or transfer of assets or rights, in each case to the extent made or entered into after the Effective Date and not in the ordinary course of business or not on commercially reasonable terms including to any current or former Partner, or any current or former Affiliate of any current or former Partner;
 - (v) conferral of any other benefit which is not conferred and received in the ordinary course of business or is not conferred or received on commercially reasonable terms, including to any current or former Partner, any current or former Affiliate of any current or former Partner or Project Co; and
 - (vi) other payment to any current or former Partner, any current or former Affiliate of any current or former Partner or Project Co howsoever arising and whether made pursuant to the terms of an agreement or otherwise or by way of gift or in respect of any equity interest in Project Co or other securities of or interests in Project Co if, in any such case, such payment would not have been made were it not for the occurrence of any Refinancing or Change in Control; or
- (b) the early release of any reserves or any Contingent Funding Liabilities, the amount of such release being deemed to be a gain for the purposes of any calculation of Refinancing Gain,

and where any such Distribution is not in cash, the equivalent cash value of such Distribution will be calculated. A Distribution will be calculated in a manner that is consistent with the calculation of the Threshold Equity IRR in the Financial Model;

"Down Time" has the meaning set out in Appendix 4C [Plant Services];

"Draft Proposal" has the meaning set out in Appendix 4N [Market Testing Procedure];

"Draft Reinstatement Plan" has the meaning set out in Section 6.4 (Project Co's Obligations – Material Damage or Destruction);

“**Effective Date**” means the date of this Agreement;

“**Elevator Availability**” has the meaning set out in Appendix 4C [FM Services];

“**Eligible Change in Law Event**” means the occurrence of a:

- (a) Relevant Change in Law;
- (b) Relevant Works Change in Law;
- (c) Discriminatory Change in Tax Law; or
- (d) Input Tax Recoverability Change in Law;

“**Employee Information**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Employee Payments**” means any liability that has been reasonably incurred by Project Co arising as a result of termination of this Agreement under collective agreements, employment agreements or under any other agreements with employees of Project Co, including severance (whether accrued or not), vacation pay and sick pay accrued but excluding any Distribution;

“**Encumbrances**” has the meaning set out in Schedule 7 [Lands];

“**End User Administration**” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“**Energy**” has the meaning set out in Appendix 2C [Energy];

“**Energy Analysis Report**” has the meaning set out in Appendix 2C [Energy];

“**Energy Consumption**” has the meaning set out in Appendix 2C [Energy];

“**Energy Gainshare**” has the meaning set out in Appendix 2C [Energy];

“**Energy Management Plan**” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“**Energy Monitoring Model**” has the meaning set out in Appendix 2C [Energy];

“**Energy Painshare**” has the meaning set out in Appendix 2C [Energy];

“**Energy Year**” has the meaning set out in Appendix 2C [Energy];

“**Enhanced Cleaning**” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“**Environmental Credit**” has the meaning set out in Appendix 2C [Energy];

“Environmental and Sustainability Services” means the services described in Appendix 4H [Environmental Sustainability Services];

“Environmental Laws” means all Laws relating to the protection of human health and all plant, animal, land, water and air resources that may be affected by the Project;

“Environmental Management Plan” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Environmental Management System” or **“EMS”** has the meaning set out in Appendix 4H [Environmental and Sustainability Services];

“Environmental Report” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Equipment” has the meaning set out in Appendix 2D [Equipment and Furniture];

“Equipment List” has the meaning set out in Appendix 2D [Equipment and Furniture];

“Equity IRR” means Project Co’s Nominal equity internal rate of return of [REDACTED] calculated on an after tax basis at the level of Project Co in accordance with the Financial Model as shown in Cell O19 of the Outputs worksheet, having regard to Distributions made and projected to be made;

“Estimated Market Value” has the meaning set out in Schedule 9 [Compensation on Termination];

“Event” has the meaning set out in Schedule 8 [Payments];

“Evidence Based Design” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Excluded Person” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Excusing Event” means any of the following events or circumstances if it occurs on or after the Service Commencement Date and interferes adversely with, or causes a failure of, the performance of the Services or causes an Unavailability Event:

- (a) Scheduled Maintenance (including Life Cycle Requirements) performed in accordance with the Annual Service Plan, except that:
 - (i) improperly performed Scheduled Maintenance and the effects thereof will not constitute an Excusing Event; and
 - (ii) if the Scheduled Maintenance continues beyond the period or duration set out in the Annual Service Plan, the Excusing Event will terminate at the end of the period or duration set out in the Annual Service Plan;
- (b) the carrying out by Project Co of Minor Works required by the Authority in accordance with this Agreement;

- (c) failure by any Utility Company, local authority or other like body to perform works or provide services required to be provided by them in a reasonably timely manner or any unreasonable interference with the Services by any such body as a result of maintenance or other work;
- (d) compliance by Project Co with an order or direction by police, fire officials or any comparable public authority having the legal authority to make such order or give such direction;
- (e) a Change in Law;
- (f) the outbreak or effects of any Medical Contamination, to the extent it does not constitute a Compensation Event;
- (g) a state of public health emergency being declared by the Chief Public Health Officer of the Northwest Territories; and
- (h) any other event which is expressly stated in this Agreement to constitute an Excusing Event,

except to the extent that any of such events arise or are contributed to, directly or indirectly, as a result of any wilful misconduct, negligent act or omission or non-compliance with the terms of this Agreement by Project Co or any Project Co Person;

“Exempt Refinancing” means:

- (a) a change in taxation or change in accounting treatment pursuant to changes in Laws or GAAP or International Financial Reporting Standards;
- (b) the exercise of rights, waivers, consents and similar actions which relate to day to day administrative and supervisory matters that are solely in respect of:
 - (i) breach of representations, warranties, covenants or undertakings;
 - (ii) movement of monies between the Project Accounts (as defined in the Senior Financing Agreements) in accordance with the terms of the Senior Financing Agreements;
 - (iii) late or non-provision of information or consents;
 - (iv) amendments to Project Contracts;
 - (v) approval of revised technical and economic assumptions for financial model runs (to the extent required for forecasts under the Senior Financing Agreements);
 - (vi) restrictions imposed by the Senior Lenders on the dates at which the financing provided by the Senior Lenders under the Senior Financing Agreements can be advanced to Project Co under the Senior Financing Agreements, and which are

given as a result of any failure by Project Co to ensure that the Design and the Construction are carried out in accordance with the Project Schedule and which are notified in writing by Project Co or the Senior Lenders to the Authority prior to being given;

- (vii) changes to milestones for drawdown set out in the Senior Financing Agreements and which are given as a result of any failure by Project Co to ensure that the Design and the Construction are carried out in accordance with the Project Schedule and which are notified in writing by Project Co or the Senior Lenders to the Authority prior to being given;
 - (viii) failure by Project Co to obtain any consents from Governmental Authorities required by the Senior Financing Agreements; or
 - (ix) voting by the Senior Lenders and the voting arrangements between the Senior Lenders in respect of the levels of approval required by them under the Senior Financing Agreements;
- (c) an amendment, variation or supplement of an agreement approved by the Authority as part of any Change;
 - (d) a sale of Junior Debt or Units in Project Co by Partners or, in the case of Junior Debt, Affiliates of Partners or securitization of the existing rights or interests attaching to Junior Debt or Units in Project Co;
 - (e) a Qualifying Bank Transaction;
 - (f) a conversion of Units into Junior Debt or of Junior Debt into Units, provided that the total principal amount of all Junior Debt outstanding immediately following the conversion plus amounts paid to Project Co by way of subscription for Units outstanding immediately following the conversion does not exceed the total amounts paid to Project Co by way of subscription for Units outstanding immediately prior to the conversion plus the total principal amount of all Junior Debt outstanding immediately prior to the conversion; or
 - (g) any secondary transaction in the bond market;

“Existing Hospital” means the existing buildings, related structures, utility connections, and landscaping present on the Existing Hospital Lands prior to the Effective Date;

“Existing Hospital Lands” has the meaning set out in Schedule 7 [Lands];

“Existing Hospital Licence” has the meaning set out in Schedule 7 [Lands];

“Existing Hospital Obligations” has the meaning set out in Section 4.1A (Existing Hospital Obligations) of the Agreement;

“Existing Hospital Security” means a letter or letters of credit, or other form of security acceptable to the Authority, in the aggregate amount of [REDACTED] ([REDACTED]) of which is to be provided on or before the

Effective Date and [REDACTED] of which is to be provided on or before the Service Commencement Date) less the agreed value of the performed Initial Remediation Work and issued by a Qualifying Institution;

“Existing Hospital Works Period” means the period commencing on the Facility Move Commencement Date and ending on the Initial Remediation Work Completion Date;

“Expiry Date” means the date that is 30 years from the original Target Service Commencement Date;

“Facility” means all buildings, related structures, utility connections, landscaping and other improvements to be constructed, renovated or altered by Project Co pursuant to this Agreement, other than in respect of the Existing Hospital, and for greater certainty includes the Support Services Building, all Life Cycle Components, all shelled space, and any Unallocated/Unassigned Space, but does not include the Existing Hospital;

“Facility Change” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Facility Move” means Project Co’s moving of equipment from the Existing Hospital to the Facility as described in Appendix 2D [Equipment and Furniture];

“Facility Move Commencement Date” means the date, as set out in the Project Schedule (as updated from time to time in accordance with Schedule 2 [Design and Construction Protocols]), on which Project Co commences the Facility Move;

“Facility Move Completion Date” means the date on which Project Co completes the Facility Move;

“Facility Operation Variances” has the meaning set out in Appendix 2C [Energy];

“Facility Users” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Fair Market Value” means the amount at which an asset or a liability would be exchanged in an arm’s length transaction between informed and willing parties, other than in a forced or liquidation sale;

“Financial Close” means the time when the Project Agreement and all financing and other agreements related to the Project have been executed and delivered and all conditions to the effectiveness of the Project Agreement and the Project financing agreements have been satisfied;

“Financial Close Target Date” means September 22, 2015;

“Financial Model” means Project Co’s financial model for the Project attached as Schedule 15 [Financial Model], a copy of which is attached to this Agreement in electronic format, as updated or amended from time to time in accordance with the terms of this Agreement;

“Financial Submission Date” means June 5, 2015;

“Five Year Maintenance Plan” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Force Majeure Event” means the occurrence after the Effective Date of:

- (a) war, civil war, armed conflict or terrorism;
- (b) nuclear, radioactive, chemical or biological contamination, except to the extent that such contamination arises or is contributed to, directly or indirectly, as a result of any wilful misconduct, negligent act or omission or non-compliance with the terms of this Agreement by Project Co or a Project Co Person;
- (c) earthquake or tidal wave;
- (d) flood, except to the extent that such flood arises or is contributed to, directly or indirectly, as a result of any wilful misconduct, negligent act or omission or non-compliance with the terms of this Agreement by Project Co or a Project Co Person; or
- (e) pressure waves caused by devices traveling at supersonic speeds,

which directly causes a party to be unable to comply with all or a material part of its obligations under this Agreement;

“Functional Area Risk Categorization” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Functional Unit” has the meaning set out in Schedule 8 [Payments];

“GAAP” means generally accepted accounting principles in effect in Canada including the accounting recommendations published in the Handbook of the Canadian Institute of Chartered Accountants;

“General Management Services” means the services described in Appendix 4A [General Management Services];

“Geotechnical Reports” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Gigajoule” or **“Gj”** has the meaning set out in Appendix 2C [Energy];

“GNWT” means the Government of the Northwest Territories;

“Good Industry Practice” means using standards, practices, methods and procedures to a good commercial standard, conforming to Law and exercising that degree of skill and care, diligence, prudence and foresight which would reasonably and ordinarily be expected from a qualified, skilled and experienced person engaged in a similar type of undertaking under the same or similar circumstances;

“Governmental Authority” means any federal, provincial, territorial, regional, municipal or local governmental authority, quasi-governmental authority, court, government or self-regulatory organization, commission, board, tribunal, organization, or any regulatory, administrative or other agency, or any political or other subdivision, department or branch of any of the foregoing, having jurisdiction in any way over or in respect of any aspect of the performance of this Agreement or the Project;

“**GST**” means the goods and services tax imposed pursuant to Section IX of the *Excise Tax Act* (Canada);

“**H & S Conviction**” has the meaning set out in Section 12.1 (Project Co Events of Default);

“**Handback Amount**” has the meaning set out in Schedule 20 [Handback Requirements];

“**Handback Certificate**” has the meaning set out in Schedule 20 [Handback Requirements];

“**Handback Holdback**” has the meaning set out in Schedule 20 [Handback Requirements];

“**Handback Requirements**” means the requirements set out in Schedule 20 [Handback Requirements];

“**Handback Survey**” has the meaning set out in Schedule 20 [Handback Requirements];

“**Handback Works**” has the meaning set out in Schedule 20 [Handback Requirements];

“**Handback Works Plan**” has the meaning set out in Schedule 20 [Handback Requirements];

“**Has Knowledge**”, “**Have Knowledge**” or “**Having Knowledge**” means:

- (a) for an individual, when information is acquired by the individual;
- (b) for a corporation, when information has come to the attention of:
 - (i) a director or officer of the corporation; or
 - (ii) a senior employee of the corporation with responsibility for matters to which the information relates,
- (c) for a partnership other than a limited partnership, when any partner Has Knowledge under the other Sections of this definition or under this Section (c) or Section (d) below for any partner that is itself a partnership or when any member of a director-level or officer-level or similar position of the partnerships or a senior employee of the partnership with responsibility for matters to which the information relates; or
- (d) for a limited partnership, when any general partner Has Knowledge under the other Sections of this definition or under this Section (d) or Section (c) above for any partner that is itself a partnership or when any member of a director-level or officer-level or similar position of the partnerships or a senior employee of the partnership with responsibility for matters to which the information relates;
- (e) for the Authority, when information has come to the attention of:
 - (i) a director or officer of the Authority;
 - (ii) a senior employee of the Authority with responsibility for matters to which the information relates, or

- (iii) the Authority's Design and Construction Representative or Operating Period Representative;

in each case under circumstances in which a reasonable person would take cognizance of it;

"Hazardous Materials Report" has the meaning set out in Schedule 2 [Design and Construction Protocols];

"Hazardous Substance" means any hazardous waste, hazardous product, contaminant, toxic substance, deleterious substance, dangerous good, pollutant, waste, reportable substance, and any other substance, in respect of which the storage, manufacture, handling, disposal, treatment, generation, use, transport, remediation or release into or presence in the environment is prohibited, controlled or regulated under Environmental Laws;

"Heating Degree Days" has the meaning set out in Appendix 2C [Energy];

"Help Desk" has the meaning set out in Schedule 4 [Services Protocols and Specifications];

"Help Desk Report" has the meaning set out in Appendix 4B [Help Desk Services];

"Help Desk Services" has the meaning set out in Appendix 4B [Help Desk Services];

"Highest Compliant Bid Price" has the meaning set out in Schedule 9 [Compensation on Termination];

"High Service Failure" has the meaning set out in Schedule 8 [Payments];

"Hospital" has the meaning set out in Schedule 2 [Design and Construction Protocols];

"Housekeeping and Waste Management Services" means the services described in Appendix 4D [Housekeeping and Waste Management Services];

"IMIT" means Information Management and Information Technology;

"Identified Future Buildings" has the meaning set out in Schedule 2 [Design and Construction Protocols];

"Income Tax" means any tax imposed on the income of a Person by any Canadian (whether federal, provincial or otherwise) Governmental Authority;

"Indemnifier" has the meaning set out in Section 9.2 (Conduct of Third Person Claims);

"Independent Certifier" has the meaning set out in Schedule 2 [Design and Construction Protocols];

"Independent Energy Consultant" has the meaning set out in Appendix 2C [Energy];

"Index Linked", with respect to an amount at any time, means that the amount is adjusted as at each April 1st commencing as of the April 1st following the Effective Date by:

- (a) multiplying it by the Inflation Index as at the immediately preceding April; and
- (b) dividing it by the Inflation Index as at the Base Date;

“Indicative Design” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Indirect Losses” means any loss of revenue, loss of profits, loss of use, loss of contract, loss of goodwill, loss of production, loss of business, loss of business opportunity or any exemplary, punitive or special damages or any consequential or indirect loss or damages of any nature claimed, suffered or allegedly suffered by:

- (a) Project Co or any Project Co Person (other than a Person who is a Project Co Person solely by virtue of being an invitee of Project Co or any Project Co Person); or
- (b) the Authority or any Authority Person (other than a Person who is an Authority Person solely by virtue of being an invitee of the Authority or any of Authority Persons) or an Authority Indemnified Person,

and shall be deemed not to include any loss of Service Payments or other amounts expressly payable by the Authority to Project Co under this Agreement;

“Inflation Index” means the Consumer Price Index, as published by the Bank of Canada or, if such index in its present form becomes unavailable, such similar index as may be agreed by the parties, acting reasonably or failing agreement as determined by the Dispute Resolution Procedure;

“Infrastructure” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Initiating Party” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“Initial Remediation Work” means the removal of hazardous substances from the Existing Facility as required by Appendix 3F of Schedule 3 [Design and Construction Specifications];

“Initial Remediation Work Completion Date” means the date when the Independent Certifier, in accordance with the principles of Schedule 2 [Design and Construction Protocols], has certified that the Initial Remediation Work has been substantially performed for the purposes of the *Mechanics Lien Act* (Northwest Territories);

“Initial Remediation Work Period” means the period commencing on the Facility Move Completion Date and ending on the Initial Remediation Work Completion Date;

“Innovation Proposal” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Input Tax Recoverability Change in Law” means a Change in Law, other than a Discriminatory Change in Tax Law, which results in Additional Irrecoverable Tax or Additional Recoverable Tax;

“Insurance Trust Account” has the meaning set out in Schedule 10 [Lenders’ Remedies Agreement];

“Insurance Adjustment” has the meaning set out in Schedule 5 [Insurance Requirements];

“Insurance Proceeds” means the amount of any insurance proceeds received by a Person in respect of a claim made under any policy of insurance required to be maintained under this Agreement other than:

- (a) any policy of insurance maintained by the Authority solely for the benefit of the Authority;
- (b) for the purposes of Sections 6.7, 6.10 and 6.11, insurance proceeds received by Project Co or the Senior Lenders from:
 - (i) the delay in start-up insurance described in Schedule 5 [Insurance Requirements]; or
 - (ii) the business interruption insurance described in Schedule 5 [Insurance Requirements];

“Insurance Receivables” means the amount of any insurance proceeds which a Person is entitled to receive pursuant to policies of insurance required to be maintained under this Agreement other than:

- (a) any policy of insurance maintained by the Authority solely for the benefit of the Authority;
- (b) for the purposes of Sections 6.7, 6.10 and 6.11, insurance proceeds received by Project Co or the Senior Lenders from:
 - (i) the delay in start-up insurance described in Schedule 5 [Insurance Requirements]; or
 - (ii) the business interruption insurance described in Schedule 5 [Insurance Requirements];

“Insurance Review Date” has the meaning set out in Schedule 5 [Insurance Requirements];

“Insurance Trust Agreement” means the agreement between the Authority, the Agent, Project Co and the Account Trustee in the form set out in Appendix 5B [Insurance Trust Agreement], as amended, supplemented or replaced from time to time;

“Intellectual Property” means any or all of the following and all rights, arising out of or associated therewith:

- (a) national, international and foreign patents, utility models, mask works, and applications therefor and all reissues, divisions, renewals, extensions, provisionals, continuations and continuations-in-part thereof;
- (b) inventions (whether patentable or not), invention disclosures, improvements, trade secrets, proprietary information, know-how, technology, technical data and customer lists, product formulations and specifications, and all documentation relating to any of the foregoing throughout the world;

- (c) copyrights, copyright registrations and applications therefor, and all other rights corresponding thereto throughout the world;
- (d) industrial designs and any registrations and applications therefor throughout the world;
- (e) rights in any internet uniform resource locators (URLs), domain names, trade names, logos, slogans, designs, common law trade-marks and service marks, trade-mark and service mark registrations and applications therefor throughout the world;
- (f) data bases and data collections and all rights therein throughout the world;
- (g) moral and economic rights of authors and inventors, however denominated, throughout the world; and
- (h) any similar or equivalent rights to any of the foregoing anywhere in the world;

“Intended Uses” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Interface” has the meaning set out in Schedule 3 [Design and Construction Protocols];

“Joint Technical Review” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Junior Debt” means indebtedness issued by Project Co to any of its Partners or Affiliates of Partners which ranks subordinate in all respects to the Senior Debt, excluding:

- (a) all amounts not actually paid to Project Co by cash advance, rights entitling Project Co to a cash advance, or other consideration;
- (b) all fees, including commitment fees, standby fees or other fees, paid or to be paid by Project Co, other than to any Partner or any Affiliate of a Partner; and
- (c) capitalized interest, and interest on overdue interest;

“Key Individuals” has the meaning set out in Section 2.8 (Key Individuals);

“Lands” has the meaning set out in Schedule 7 [Lands];

“Laundry and Linen Services” means the services described in Appendix 4K [Laundry and Linen Services];

“Laws” means all laws (including the common law), statutes, regulations, treaties, judgments and decrees and all official directives, by-laws, rules, consents, approvals, authorizations, guidelines, codes of practice, orders and policies of any Governmental Authority having the force of law from time to time, including, for greater certainty, those related to the issuance of Permits, occupational health and safety, and any building codes;

“LEAN” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Lenders’ Remedies Agreement” means the agreement between the Authority, the Senior Lenders and Project Co in the form set out in Schedule 10 [Lenders’ Remedies Agreement], as amended, supplemented or replaced from time to time in accordance with this Agreement;

“Liability Payment” has the meaning set out in Section 9.3 (General Obligation to Pursue Third Person Recovery);

“Licence” has the meaning set out in Schedule 7 [Lands];

“Life Cycle Component” means each component of plant, equipment or other items to be supplied, installed, constructed and commissioned as part of the Facility, as described in the Life Cycle Report, but, for greater certainty, does not include improvements, furniture and equipment installed by a tenant of the Facility;

“Life Cycle Plan” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Life Cycle Report” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Life Cycle Requirements” means the replacement and refurbishment of all Life Cycle Components by Project Co as contemplated in this Agreement;

“Linked Unit” has the meaning set out in Schedule 8 [Payments];

“Liquid Market” has the meaning set out in Schedule 9 [Compensation on Termination];

“Longstop Date” means the date that is 12 months after the Target Service Commencement Date, as adjusted in accordance with this Agreement;

“Long Stop Return Date” has the meaning set out in Schedule 8 [Payments];

“Low Service Failure” has the meaning set out in Schedule 8 [Payments];

“Maintained Elements” has the meaning set out in Appendix 4C [Plant Services];

“Maintained Equipment” has the meaning set out in Appendix 4C [Plant Services];

“Maintenance” has the meaning set out in Appendix 4C [Plant Services];

“Maintenance Access Times” has the meaning set out in Appendix 4C [Plant Services];

“Maintenance Services” has the meaning set out in Appendix 4C [Plant Services];

“Market Tested Services” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Market Testing” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Market Testing Dates” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Market Testing Meetings” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Market Testing Proposal” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Master Site Plan” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Material Contract Party” means a party to a Material Contract, other than Project Co;

“Material Contracts” means:

- (a) the Project Contracts; and
- (b) any agreement for products, services or management to Project Co between Project Co and a current or former Affiliate of Project Co or a current or former Partner of Project Co;

“Material Project Contractor Collateral Agreement” means the agreement to be entered into between the Authority, a Material Contract Party and Project Co in the form set out in Schedule 11 [Material Project Contractor Collateral Agreement], as amended, supplemented or replaced from time to time in accordance with this Agreement;

“Materials” has the meaning set out in Appendix 4K [Laundry and Linen];

“MDR” means medical device reprocessing;

“Medium Service Failure” has the meaning set out in Schedule 8 [Payments];

“Medical Contamination” means a disease carrying agent which cleaning and prevention of infection or contamination techniques in use in accordance with Good Industry Practice and this Agreement cannot substantially prevent or cannot substantially remove with the result that:

- (a) it is unsafe to admit patients or staff to the relevant area or to use the area for the purpose for which it is intended; and
- (b) the area cannot be made safe for the admission of patients or staff;

“Minor Works” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Minor Works Rates” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Miscellaneous Maintenance” has the meaning set out in Appendix 4C [Plant Services];

“Miscellaneous Occupant Services” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Miscellaneous Occupant Services Payment” has the meaning set out in Schedule 8 [Payments];

“Monitoring Period” has the meaning set out in Appendix 2C [Energy];

“Net Change Value” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Net Present Value” means the aggregate of the discounted values, calculated as of the estimated date of the Refinancing, of each of the relevant projected Distributions, in each case discounted using the Threshold Equity IRR;

“New Project Agreement” means an agreement on substantially the same terms and conditions as this Agreement (including any agreements entered into pursuant to this Agreement as at the Termination Date) but with the following amendments:

- (a) if this Agreement is terminated prior to the Service Commencement Date, the extension of the Target Service Commencement Date and the Longstop Date by such reasonable period as is agreed by the Authority and the New Project Co to meet such extended Target Service Commencement Date and Longstop Date;
- (b) any accrued Deductions pursuant to Schedule 8 [Payments] will be cancelled;
- (c) the term of such agreement will be equal in length to the term from the Termination Date until the date on which the Operating Period would otherwise have expired;
- (d) the Authority may not terminate such agreement for reasons which arose prior to the Termination Date so long as the New Project Co is using all reasonable efforts to remedy any breach of this Agreement that arose prior to the Termination Date and which is capable of being remedied; and
- (e) any other amendments as may be specified by the Authority that do not adversely affect any compensation which would otherwise be payable to Project Co pursuant to Schedule 9 [Compensation on Termination];

“New Project Co” means the Person who has entered into or who will enter into the New Project Agreement with the Authority;

“New Service Provider Start Date” has the meaning set out in Schedule 8 [Payments];

“New Service Provider Transition Period” has the meaning set out in Schedule 8 [Payments];

“Nominal” means calculated in nominal terms at current prices recognizing adjustment for indexation in respect of forecast inflation;

“Non-Targeted Energy Consumption” has the meaning set out in Appendix 2C [Energy];

“Northern” means of or related to the geographical area comprised of the entire Northwest Territories and the Kitikmeot Region of Nunavut, most particularly the citizens resident of this geographical area, noting the composition of general ethnicity (Dene, Inuit, Inuvialuit, Metis, French Canadian, and Caucasian) as well as the cultural diversity within each ethnos;

“Notice of Intention to Arbitrate” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“Notice of Objection to Arbitration” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“Operating Period” means the period between the Service Commencement Date and the Termination Date;

“Operating Period Joint Committee” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Operating Period Representative” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Outbreak Cleaning” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Outbreak Cleaning Notice” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Outputs Summary Sheet” means the sheet labelled “Outputs” in the Financial Model;

“Parking Management Services” means the services described in Appendix 4G [Parking Management Services];

“Partners” means Bird Capital (STH) GP Holdings Inc, Carillion BHP (STH) GP Holdings Inc. and Hochtief Boreal Health Partner Inc., and each of them is referred to as a **“Partner”**;

“Patient Centred Care” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Paying Party” has the meaning set out in Section 9.3 (General Obligation to Pursue Third Person Recovery);

“Payment Adjustment Report” has the meaning set out in Schedule 8 [Payments];

“Payment Period” has the meaning set out in Schedule 8 [Payments];

“Performance Indicators” means the performance indicators identified as such in Schedule 4 [Services Protocols and Specifications];

“Performance Monitoring Program” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Performance Monitoring Report” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Permanent Repair” has the meaning set out in Schedule 8 [Payments];

“Permanent Repair Deadline” has the meaning set out in Schedule 8 [Payments];

“Permits” means all permissions, consents, approvals, certificates, permits, licences, statutory agreements, zoning and by-law amendments and variances, and authorizations required from any Governmental Authority, and all necessary consents and agreements from any third parties, needed to carry out the Project in accordance with this Agreement;

“Permitted Debt” means:

- (a) trade or other similar indebtedness incurred in the ordinary course of business (unless being contested in good faith and with appropriate proceedings with an adequate reserve therefor in accordance with GAAP having been placed on the Project Co’s books and records);
- (b) Taxes and governmental charges, salaries, related employee payments and trade payables;
- (c) contingent liabilities relating to the endorsement of negotiable instruments received in the normal course of business or incurred with respect to any Permit, Project Contract or this Agreement; and
- (d) Debt incurred by way of Partner Loans, but does not include any Senior Debt;

“Persistent Breach” means a breach or series of breaches by Project Co of any term, covenant or undertaking to the Authority in this Agreement (other than a breach for which Deduction could be made) which, due to the fact that such breach has:

- (a) continued for 60 calendar days or more after notice thereof from the Authority to Project Co; or
- (b) occurred 3 or more times in the previous 12 months,

demonstrates either a persistent inability, or a persistent unwillingness, to comply with its obligations under this Agreement;

“Person” means an individual, legal personal representative, corporation, body corporate, firm, partnership, trust, trustee, syndicate, joint venture, limited liability company, association, unincorporated organization, union or Governmental Authority;

“Personal Information” means ‘personal information’ as defined in the *Access to Information and Protection of Privacy Act* (Northwest Territories), which is collected, acquired, obtained by Project Co or the Authority in relation to or in the course of providing the Design, the Construction or the Services under this Agreement, and includes any information about an identifiable individual other than contact information, which is the name, position name or title, business telephone number, business address, business email or business fax number of the individual, or as otherwise defined in the *Access to Information and Protection of Privacy Act* (Northwest Territories);

“Pest Control Services” means the services described in Appendix 4I [Pest Control Services];

“Phasing Plan” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Planned Periodic Cleaning” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“Plans” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Plant Services” means the services described in Appendix 4C [Plant Services];

“Policy and Procedure Manual” has the meaning set out in Appendix 4A [General Management Services];

“Preferred Service Tenderer” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Prospective Service Tenderers” has the meaning set out in Appendix 4N [Market Testing Procedure];

“Preliminary Change Instruction” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Preliminary Estimate” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Pre-Refinancing Equity IRR” means the Equity IRR calculated immediately prior to the Refinancing but without taking into account the effect of the Refinancing and using the Financial Model as updated (including as to the performance of the Project) so as to be current immediately prior to the Refinancing;

“Prime Rate” means the annual rate of interest announced by The Canadian Imperial Bank of Commerce (or its successor), or any other Canadian chartered bank agreed to by the parties, from time to time as its “prime” rate then in effect for determining interest rates on Canadian dollar commercial loans made by it in Canada;

“Principal Insured Risk” means a risk that would be insured against by policies for the insurance referred to in any of Sections 1, 2 and 3 of Schedule 5 [Insurance Requirements];

“Procurement”, **“Procure”** and **“Procured”** have the meanings set out in Appendix 2D [Equipment and Furniture];

“Project” means the Design, Construction, financing, testing, commissioning, Maintenance and life cycle rehabilitation of the Facility, the Initial Remediation Work and all other works and ancillary services in accordance with this Agreement;

“Project Co Event of Default” has the meaning set out in Section 12.1 (Project Co Events of Default);

“Project Co Hazardous Substances” means those Hazardous Substances for which Project Co is responsible pursuant to Schedule 7 [Lands];

“Project Co Insolvency Event” means any of the following events:

- (a) a receiver, receiver manager or other encumbrance holder taking possession of or being appointed over, or any distress, execution or other process being levied or enforced upon, the whole or any material part of the assets of Project Co; or
- (b) any proceedings with respect to Project Co being commenced under the *Companies' Creditors Arrangement Act* (Canada) and if such proceedings are commenced against Project Co and are disputed by Project Co, such proceedings are not discontinued, withdrawn, dismissed or otherwise remedied within 30 Business Days; or
- (c) Project Co making an assignment for the benefit of its creditors, being declared bankrupt or committing an act of bankruptcy, becoming insolvent, making a proposal or otherwise taking advantage of provisions for relief under the *Bankruptcy and Insolvency Act* (Canada) or similar legislation in any jurisdiction, or any other type of insolvency proceedings being commenced by or against Project Co under the *Bankruptcy and Insolvency Act* (Canada) or similar legislation in any jurisdiction and, if proceedings are commenced against Project Co and are disputed by Project Co, such proceedings are not stayed, dismissed or otherwise remedied within 30 Business Days; or
- (d) Project Co ceasing to carry on business;

“Project Co Material Breach” means:

- (a) a failure by Project Co to pay any amount due and owing to the Authority under this Agreement on the due date (which amount is not being disputed in good faith) and Project Co has not remedied such failure to pay within 10 Business Days following notice from the Authority;
- (b) a failure by Project Co to:
 - (i) maintain the policies of insurance required to be maintained by Project Co under this Agreement;
 - (ii) maintain such policies on the terms required under this Agreement (including a failure to comply with its obligation under Schedule 5 [Insurance Requirements] to name the Authority as an insured party); or
 - (iii) provide evidence to the Authority as required by the terms of this Agreement that such policies have been taken out, maintained, paid for and renewed in accordance with the terms of this Agreement;
- (c) a Persistent Breach;
- (d) except as provided for in (a) through (c) above, a breach, or series of breaches, by Project Co of any agreement, covenant or undertaking made to the Authority in this Agreement (other than a breach for which a Deduction could be made), or any representation or warranty made by Project Co to the Authority in this Agreement (or any

ancillary certificate, statement or notice issued hereto) being incorrect when made, the consequence of which is:

- (i) a risk to the safety of the public;
 - (ii) a risk of material liability of the Authority to third Persons;
 - (iii) an adverse effect on the performance of the Design, the Construction or the Services and as a result thereof that the Authority is reasonably likely to be materially deprived of the benefit of this Agreement; or
 - (iv) any material provision of this Agreement being unenforceable against Project Co;
- (e) a breach by Project Co of Section 5 (Financing of the Project), other than a breach described in Section 12.1(i); or
- (f) any other fact or circumstance designated as a "Project Co Material Breach" under this Agreement, including those specified in Sections 9.4 and 10.3 of Schedule 2 [Design and Construction Protocols];

"Project Co Materials" has the meaning set out in Section 14.5 (Project Co Material);

"Project Co Person" means:

- (a) any director, officer, employee or agent of Project Co in each case acting as such;
- (b) any Project Contractor, any Sub-Contractor and any representative, advisor (including any legal and financial advisor) or contractor of Project Co, in any such Person's capacity as a provider of services, work or materials, directly or indirectly to Project Co in connection with the Project; or
- (c) any invitee of Project Co or any of the Project Co Persons referred to in (a) or (b) above who enters upon the Lands or, during the Existing Hospital Works Period, the Existing Hospital Lands;

"Project Co's End-Use Equipment" has the meaning set out in Schedule 3 [Design and Construction Specifications];

"Project Co's Quality Consultant" has the meaning set out in Schedule 2 [Design and Construction Protocols];

"Project Co's Rights" has the meaning set out in Section 8.13 (Equivalent Project Relief);

"Project Contractor" means the Design-Builder or any Service Provider and **"Project Contractors"** means any 2 or more of them;

“Project Contractor Breakage Costs” means the amount payable by Project Co to a Project Contractor under the terms of a Project Contract as a direct result of the termination of such Project Contract as a consequence of the termination of this Agreement but reduced (without duplication) to the extent that:

- (a) Project Co, the Project Contractors and any Sub-Contractors fail to take all reasonable steps to mitigate such amount;
- (b) such amount relates to any agreements or arrangements entered into by Project Co, the Project Contractors or the Sub-Contractors other than in the ordinary course of business and on commercial arm’s length terms;
- (c) such amount is a Distribution; and
- (d) such amount includes any loss of overhead or profit of the Service Providers or their Sub-Contractors relating to any period or costs after the Termination Date (except to the extent they are properly included in any reasonable commercial breakage fee set out in the applicable Project Contract or Sub-Contract);

“Project Contracts” means the Design-Build Agreement and the Services Contract;

“Project Design Principles” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Project Intellectual Property” means the Intellectual Property which is created, brought into existence, acquired, licensed or used by Project Co, any Project Contractor, any Sub-Contractor or any other third party, directly or indirectly, for the purposes of the Design or Construction of the Facility, the maintenance, improvement or testing of the Facility, or otherwise for the purposes of this Agreement but does not include the Financial Model;

“Project Risk Premium” has the meaning set out in Schedule 9 [Compensation on Termination];

“Project Schedule” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Proposal Extracts (Design and Construction)” means the provisions of Appendix 2F [Proposal Extracts (Design and Construction)];

“Proposal Extracts (Services)” means the proposal extracts attached as Appendix 4O [Proposal Extracts (Services)];

“Protest Action” means any civil disobedience, protest action, riot, civil commotion, blockade or embargo, including any action taken or threatened to be taken, by any Person or Persons protesting or demonstrating against:

- (a) the carrying out of any part of the Project (including the construction of the Facility); or
- (b) the construction or operation of public health care facilities in general, occurring after the Effective Date,

but excluding any lawful or unlawful strike, lockout, go-slow or labour or other industrial relations dispute or job action;

“Qualified Insurers” means reputable insurers of good standing in Canada, the United States, the United Kingdom, Europe or Australia having a credit rating of (1) A- VIII or better with AM Best or (2) A- or better with Standard & Pools;

“Qualified Person” means a person having the legal capacity, power and authority to become a party to and to perform all of the obligations of the Authority under this Agreement and whose payment obligations under this Agreement shall be supported by the GNWT;

“Qualifying Bank Transaction” means:

- (a) the disposition by a Senior Lender to a Qualifying Institution of any of its rights or interests in the Senior Financing Agreements;
- (b) the grant by a Senior Lender to a Qualifying Institution of any rights of participation in respect of the Senior Financing Agreements; or
- (c) the disposition or grant by a Senior Lender to a Qualifying Institution of any other form of benefit or interest in either the Senior Financing Agreements or the revenues or assets of Project Co, whether by way of security or otherwise;

“Qualifying Institution” means any of the following, provided it is not a Restricted Person, and provided none of its Affiliates is a Restricted Person for any reason other than by reason of section (d) of the definition of Restricted Person:

- (a) a bank listed in Schedule I, II or III of the *Bank Act* (Canada);
- (b) a Canadian trust company, insurance company, investment company, pension fund or other institution which manages at least ██████████ in securities, including entities wholly owned by any of the foregoing;
- (c) a bank regulated by the Board of Governors of the Federal Reserve System of the United States, a U.S. bank, saving and loan institution, insurance company, investment company, employee benefit plan or other institution that has or manages at least ██████████ in assets and would be a “qualified institutional buyer” under U.S. securities legislation, including entities wholly owned by any of the foregoing;
- (d) an institution which is recognised or permitted under the law of any member state of the European Economic Area (“EEA”) to carry on the business of a credit institution pursuant to Council Directive 2000/12/EC relating to the taking up and pursuit of the business of credit institutions or which is otherwise permitted to accept deposits in the United Kingdom or any other EEA member state;
- (e) an institution which is recognized or permitted under the law of any member state of the Organization for Economic Cooperation and Development (in this definition, the “OECD”) to carry on within the OECD member states the business of a credit institution, insurance

company, investment company or pension fund and which has or manages at least [REDACTED] in assets, including entities wholly owned by any such institution; or

- (f) any other institution consented to in writing by the Authority as a “Qualifying Institution”;

“**Qualifying Refinancing**” means any Refinancing that will give rise to a Refinancing Gain greater than zero that is not an Exempt Refinancing;

“**Qualifying Service Tender**” has the meaning set out in Appendix 4N [Market Testing Procedure];

“**Quality Assurance Plan**” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“**Quality Assurance Program**” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“**Quality System**” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“**Re-Bidding Costs**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Re-Bidding Process**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Re-Bidding Process Monitor**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Reactive Cleaning**” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“**Reasonably Expected Performance**” means Project Co’s reasonably expected quality of performance, as measured by the amount of Deductions, if any, that Project Co would have been reasonably expected to receive during the relevant Compensation Event or Excusing Event, as applicable, and determined as follows:

- (a) if a period of time equal to or greater than 6 months has elapsed since the Service Commencement Date, an average of the Deductions received by Project Co during the previous 6 month period;
- (b) if a period of time greater than 1 month but less than 6 months has elapsed since the Service Commencement Date, an average of the Deductions received by Project Co since the Service Commencement Date; or
- (c) if a period of time equal to or less than 1 month has elapsed since the Service Commencement Date or if Service Commencement has not been achieved, zero Deductions;

“**Receiving Party**” has the meaning set out in Section 9.3 (General Obligation to Pursue Third Person Recovery);

“**Recyclable Waste**” has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

“**Referee**” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“**Referee Agreement**” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“**Referee Notice**” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“**Refinancing**” means:

- (a) Project Co incurring, creating, assuming or permitting to exist any Debt other than Permitted Debt;
- (b) any transaction in which the Authority, with the consent or at the request of agreement of Project Co, grants rights to any Person under an agreement similar to the Lenders’ Remedies Agreement or any other agreement that provides for step-in rights or similar rights to such Person, other than the Lenders’ Remedies Agreement entered into on the Effective Date;
- (c) any amendment, variation, novation, supplement or replacement of any Senior Debt or Senior Financing Agreement;
- (d) the exercise of any right, or the grant of any waiver or consent, under any Senior Financing Agreement;
- (e) the disposition of any rights or interests in, or the creation of any rights of participation in respect of, the Senior Financing Agreements or Senior Debt or the creation or granting of any other form of benefit or interest in the Senior Financing Agreements, the Senior Debt or the contracts, revenues or assets of Project Co whether by way of security or otherwise; or
- (f) any other arrangement put in place by Project Co or another Person which has an effect which is similar to any of (a) through (e) above or which has the effect of limiting Project Co’s ability to carry out any of the actions referred to in (a) through (e) above,

but excluding any financing pursuant to Section 10.2 (Financing of Lump Sum Payment Amounts);

“**Refinancing Gain**” means an amount equal to the greater of zero and $[(A - B) - C]$, where:

A = the Net Present Value of Distributions (calculated on an after tax basis at the level of Project Co in a manner consistent with the Financial Model) immediately prior to the Refinancing (taking into account all effects (including the costs and expenses of the Authority pursuant to Section 5.8) of the Refinancing and using the Financial Model as updated (including as to the performance of the Project) so as to be current immediately prior to the Refinancing) to be made over the remaining term of this Agreement following the Refinancing;

B = the Net Present Value of Distributions (calculated on an after tax basis at the level of Project Co in a manner consistent with the Financial Model) projected immediately prior to the Refinancing (but taking into account only those effects of the Refinancing that were fully reflected in the Financial Model as of the Effective Date and no other effects (including the costs and

expenses of the Authority pursuant to Section 5.8) of the Refinancing, and using the Financial Model as updated (including as to the performance of the Project) so as to be current immediately prior to the Refinancing) to be made over the remaining term of this Agreement following the Refinancing; and

C = any adjustment required to raise the Pre-Refinancing Equity IRR to the Threshold Equity IRR calculated as a single payment to be paid as a Distribution on the date of the Refinancing;

“Reinstatement Plan” has the meaning set out in Section 6.4 (Project Co’s Obligations – Material Damage or Destruction);

“Reinstatement Works” has the meaning set out in Section 6.4 (Project Co’s Obligations – Material Damage or Destruction)

“Relevant Change in Law” means a Change in Law (other than a Discriminatory Change in Tax Law):

- (a) which specifically applies to
 - (i) the Project or health care-related projects whose design, construction, financing, maintenance and service provision are procured on a public-private partnership basis similar to that of the Project;
 - (ii) Project Co, its Partners or Project Contractors or Persons that have contracted on similar health care-related projects procured and contracted with the Authority or other statutory or public body on a public-private partnership basis similar to the Project; or
 - (iii) Persons holding shares or other evidences of ownership in Persons whose principal business is contracting on other similar health care-related projects procured and contracted on a public-private partnership basis similar to the Project and not other Persons; or
- (b) which principally affects or principally relates to the provision or operation of hospitals or healthcare premises,

and compliance with which would require a variation (as applicable) in the design, quality, scope, methodology or cost of the Design, the Construction or the Services;

“Relevant Works Change in Law” means a Change in Law (other than a Relevant Change in Law or a Discriminatory Change in Tax Law) that:

- (a) occurs after the Service Commencement Date; or
- (b) was not reasonably foreseeable at the Effective Date by an experienced contractor carrying out activities and/or performing design and/or other operations similar to those to be carried out and/or performed by Project Co or any Project Co Party in relation to the Project, and

which causes Project Co to incur Capital Expenditures to perform works affecting the Facility (being any work of alteration, addition, demolition or extension or variation in the quality or function of the Facility) which is not work which Project Co would otherwise be required to perform under this Agreement;

“Relief Event” means any of the following events or circumstances if and to the extent it interferes adversely with, or causes a failure of, the carrying out of the Design, the Construction, the Initial Remediation Work or the Services or causes an Unavailability Event:

- (a) fire, explosion, lightning, storm (including snowstorm) that exceeds a 1 in 50 year event in Yellowknife as measured by Environment Canada, flood, bursting or overflowing of water tanks, apparatus or pipes, ionising radiation, earthquake or any act of God similar to the foregoing, in each case to the extent it does not constitute a Force Majeure Event;
- (b) during the Construction Period or the Existing Hospital Works Period, as applicable, a failure by any utility company, local authority or other like body to perform works or provide services required to be provided by them in a reasonably timely manner or any unreasonable interference with the Construction or the Initial Remediation Work, as applicable, by any such body as a result of maintenance and other work;
- (c) lawful or unlawful strike, lockout, work-to-rule, job action or other labour dispute generally affecting the construction, building maintenance or facilities management industry or a significant sector thereof;
- (d) any delay of more than 3 days in respect or any critical path matter in the Project Schedule caused by compliance by Project Co with an order or direction by police, fire officials, medical health officer or any comparable public authority having the legal authority to make such order or give such direction;
- (e) a Change in Law during the Construction Period;
- (f) unreasonable delay in the payment of any Insurance Receivables;
- (g) accidental loss or damage to the Facility or any roads servicing the Lands;
- (h) during the Existing Hospital Works Period, accidental loss or damage to the Existing Hospital or any roads servicing the Existing Hospital Lands;
- (i) blockade or embargo to the extent it does not constitute a Force Majeure Event;
- (j) failure or shortage of fuel or transport;
- (k) during the Construction Period, delay to the Project Schedule caused or directly attributable to a delay by the Authority in the Category C Equipment approval process set out in Section 3.3 of Appendix 2D [Equipment and Furniture];
- (l) during the Construction Period, a state of public health emergency being declared by the Chief Public Health Officer of the Northwest Territories which causes Project Co to be

unable to establish or operate the Construction Site in accordance with the Project Schedule; and

(m) any other event which is stated in this Agreement to constitute a Relief Event,

except to the extent that any of such events arise or are contributed to, directly or indirectly, as a result of any wilful misconduct, negligent act or omission or non-compliance with the terms of this Agreement by Project Co or any Project Co Person;

“Renovation” means an alteration of the Facility, or an addition, re-construction or demolition of a portion of the Facility, undertaken at any time after the Service Commencement Date other than pursuant to the Life Cycle Requirements;

“Repair” means a repair to the Facility undertaken at any time after the Service Commencement Date except for the completion of Deficiencies and other than pursuant to the Life Cycle Requirements;

“Reporting Error” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Representative” means, as the case may be, a Design and Construction Representative or an Operating Period Representative;

“Respond” and **“Response”** has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Responding Party” has the meaning set out in Schedule 13 [Dispute Resolution Procedure];

“Response Time” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Restricted Person” means (i) any Person who, or (ii) any member of a group of Persons acting together, any one of whom:

- (a) has, directly or indirectly, its principal or controlling office in a country that is subject to any economic or political sanctions imposed by Canada for reasons other than its trade or economic policies;
- (b) has as any part of its business the illegal manufacture, sale, distribution or promotion of narcotic substances or arms, or is or has been involved in the promotion, support or carrying out of terrorism;
- (c) in the case of an individual, he or she (or in the case of a legal entity, any of the members of the board of directors or its senior executive managers) has been sentenced to imprisonment or otherwise given a custodial sentence (other than a suspended sentence) for any criminal offence (other than minor traffic offences or misdemeanours) less than 5 years prior to the date at which the determination of whether the person falls within this definition is being made;

- (d) has as its primary business the acquisition of distressed assets or investments in companies or organizations which are or are believed to be insolvent or in a financial standstill situation or potentially insolvent or are in financial distress;
- (e) is subject to any claim of the Authority in any proceedings (including regulatory proceedings) which have been concluded or are pending at the time at which the determination of whether the person falls within this definition is being made and which (in respect of any such pending claim, if it were to be successful) would, in the Authority's view, in either case, be reasonably likely to materially affect the ability of Project Co to perform its obligations under this Agreement;
- (f) has a material interest in the production of tobacco products;
- (g) has been convicted of an offence under the *Proceeds of Crime (Money Laundering) and Terrorist Financing Act (Canada)*, or has been convicted of the commission of a money laundering offence or a terrorist activity financing offence under the *Criminal Code (Canada)*; or
- (h) whose standing or activities, in the Authority's reasonable opinion, are inconsistent with or likely to compromise the reputation or integrity of the Authority or the delivery of public services in the Northwest Territories so as to affect public confidence in those services, and

includes the Controlling Party of, and any Person Controlled by, a Person described in this definition;

"Return Date" has the meaning set out in Schedule 8 [Payments];

"Reviewed Drawings and Specifications" has the meaning set out in Appendix 2B [User Consultation and Design Review];

"Roads, Grounds and Landscaping Maintenance Services" has the meaning set out in Appendix 4F [Roads, Grounds and Landscaping Maintenance];

"Routine Cleaning" has the meaning set out in Appendix 4D [Housekeeping and Waste Management Services];

"Scheduled Maintenance" has the meaning set out in Appendix 4C [Plant Services];

"Security and Surveillance Services" means the services described in Appendix 4J [Security and Surveillance Services];

"Senior Debt" means:

- (a) all amounts outstanding, including interest and default interest accrued, from Project Co to the Senior Lenders under the Senior Financing Agreements, provided that default interest will not include any increased interest, fees or penalty amounts payable by

Project Co for any reason other than a failure by Project Co to pay any amount when due;

- (b) cost of early termination of interest rate or currency hedging arrangements and other breakage costs or make-whole amounts payable by Project Co to the Senior Lenders as a result of a prepayment under the Senior Financing Agreements; and
- (c) all other fees, costs and expenses for which Project Co is responsible under the Senior Financing Agreements;

“Senior Debt Service Amount” means, for any period, the principal and interest payable by Project Co to the Senior Lenders in the normal course (which, for greater certainty, does not include breach or default circumstances) under the Senior Financing Agreements;

“Senior Debt Termination Amount” has the meaning set out in Schedule 9 [Compensation on Termination];

“Senior Financing Agreements” means:

- (a) the trust indenture dated September 22, 2015; between Boreal Health Partnership as issuer, (ii) Bird Capital (STH) GP Holdings Inc., Hochtief Boreal Health Partner Inc., Carillion BHP (STH) GP Holdings Inc., as partners, and (iii) Computershare Trust Company of Canada as Indenture Trustee;
- (b) the senior bonds supplemental indenture dated September 22, 2015 entered into pursuant to the trust indenture described in (a);
- (c) the security agreements entered into pursuant to the trust indenture described in (a);
- (d) the Bonds (as defined in the Trust Indenture) issued pursuant to the supplemental indenture described in (b);
- (e) the Bond Underwriting Agreement (as defined in the Trust Indenture);
- (f) the Lenders’ Remedies Agreement;
- (g) the Design-Builder direct agreement dated on or about the date hereof between, inter alia, Project Co, the Indenture Trustee and the Design-Builder (and entitled the “DB Direct Lender Agreement”);
- (h) the Service Provider direct agreement dated on or about the date hereof between, inter alia, Project Co, the Indenture Trustee and the Service Provider (and entitled the “Service Provider Direct Lender Agreement”);
- (i) the Insurance Trust Agreement; and
- (j) any other document or agreement which the Indenture Trustee, Project Co and the Authority agree in writing is a Senior Financing Agreement,

copies of each of which have been delivered by Project Co to the Authority, and as amended from time to time in accordance with the terms of this Agreement;

“Senior Lenders” means lenders to whom Senior Debt is owed;

“Server” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Service Commencement” means that all of the following have been achieved in relation to the Facility:

- (a) the Architect has certified that substantial performance of the Facility, for the purpose of the *Mechanics Lien Act* (Northwest Territories), has been achieved;
- (b) an occupancy permit has been issued for the Facility or the City has issued a temporary occupancy permit or other written permission that is sufficient for occupancy of the Facility by the Authority for the Authority Activities;
- (c) Subject to Section 13 of Schedule 2 [Design and Construction Protocols] and any Service Commencement Deficiencies, Project Co has, to the Authority’s reasonable satisfaction, tested and confirmed that all relevant Category B Equipment, Category C Equipment, Category D1 Equipment and Category D2 Equipment has been installed in accordance with the manufacturer’s requirements and is functioning in accordance with the specifications included in the relevant Equipment purchase contract or purchase order;
- (d) Project Co has delivered to the Authority a report from the commissioning agent retained by Project Co under Schedule 2 [Design and Construction Protocols] confirming completion of all commissioning activities scheduled in the relevant Commissioning Plan to be completed before Service Commencement;
- (e) Project Co has completed the relevant training of Authority staff as required by Schedule 2 [Design and Construction Protocols];
- (f) Project Co has delivered to the Authority a Life Cycle Report as required by Schedule 4 [Services Protocols and Specifications];
- (g) Project Co has delivered to the Authority a Service Commencement and Startup Plan as required by Schedule 4 [Services Protocols and Specifications];
- (h) Project Co has delivered to the Authority the relevant record drawings; and
- (i) Project Co has delivered to the Authority the relevant operations and maintenance (O&M) manuals in accordance with Appendix 2E [Initial Project Schedule];

“Service Commencement Date” means the date when Project Co has satisfied all the criteria for Service Commencement for the Facility, as certified by the Independent Certifier in accordance with Schedule 2 [Design and Construction Protocols];

“Service Commencement Deficiency” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“**Service Failure**” has the meaning set out in Schedule 8 [Payments];

“**Service Failure Deduction**” has the meaning set out in Schedule 8 [Payments];

“**Service Level**” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“**Service Payment**” has the meaning set out in Schedule 8 [Payments];

“**Service Provider**” means Carillion Canada Inc. or any assignee or replacement permitted under this Agreement;

“**Service Tenderers**” has the meaning set out in Appendix 4N [Market Testing Procedure];

“**Service Tender Requirements**” has the meaning set out in Appendix 4N [Market Testing Procedure];

“**Service Tender Validity Period**” has the meaning set out in Appendix 4N [Market Testing Procedure];

“**Services**” means everything other than Design and Construction that Project Co is required to do to satisfy its obligations under this Agreement, including

- (a) the General Management Services;
- (b) the Help Desk Services;
- (c) the Plant Services;
- (d) the Housekeeping and Waste Management Services;
- (e) the Utility Management Services;
- (f) the Roads, Grounds and Landscaping Services;
- (g) the Parking Services;
- (h) the Environmental Sustainability Services;
- (i) the Pest Control Services;
- (j) the Security and Surveillance Services;
- (k) the Laundry and Linen Services;
- (l) the Catering Services; and
- (m) the Life Cycle Requirements and any Reinstatement Works;

“**Services Change**” has the meaning set out in Schedule 6 [Changes, Minor Works and Innovation Proposals];

“Services Contract” means the agreement between Project Co and the Service Provider, a certified copy of which has been delivered by Project Co to the Authority, as amended, supplemented or replaced from time to time in accordance with this Agreement;

“Services Protocols and Specifications” means the provisions of Schedule 4 [Services Protocols and Specifications];

“Services Quality Plan” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Site Weather Monitoring Station” has the meaning set out in Appendix 2C [Energy];

“Software” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Start-up Plan” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Sub-Contract” means any contract entered into by a Project Contractor (except Project Contracts), or a sub-contractor of a Project Contractor of any tier, with one or more Persons in connection with the carrying out of Project Co’s obligations under this Agreement, as amended or replaced from time to time;

“Sub-Contractor” means any Person that enters into a Sub-Contract;

“Sub-Contractor Termination Notice” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Submittal” has the meaning set out in Appendix 2B [User Consultation and Design Review];

“Submittal Schedule” has the meaning set out in Appendix 2B [User Consultation and Design Review];

“Suitable Substitute Project Co” has the meaning given to it in the Lenders’ Remedies Agreement;

“Supervening Event” means any of a Compensation Event, Relief Event, Excusing Event, Force Majeure Event or Eligible Change in Law Event;

“Supervening Event Notice” has the meaning set out in Section 8.2 (Procedures Upon the Occurrence of a Supervening Event);

“Support Services Building” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“System Lifecycle” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Target Service Commencement Date” means the date, as set out in the Project Schedule (as updated from time to time in accordance with Schedule 2 [Design and Construction Protocols]), that Project Co estimates the Service Commencement Date will occur;

“Targeted Energy Consumption” has the meaning set out in Appendix 2C [Energy];

“**Tax**” or “**Taxes**” means, from time to time, all taxes, surtaxes, duties, levies, imposts, rates, payments, assessments, withholdings, dues and other charges of any nature imposed by any Governmental Authority (including income, capital (including large corporations), withholding, consumption, sales, use, transfer, goods and services or other value-added, excise, customs, anti-dumping, countervail, net worth, stamp, registration, franchise, payroll, employment, health, education, business, school, property, local improvement, development, education development and occupation taxes, surtaxes, duties, levies, imposts, rates, payments, assessments, withholdings, dues and charges) together with all fines, interest, penalties on or in respect of, or in lieu of or for non-collection of, those taxes, surtaxes, duties, levies, imposts, rates, payments, assessments, withholdings, dues and other charges;

“**Taxable Shareholder Portion**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Temporary Alternative Accommodation**” has the meaning set out in Schedule 8 [Payments];

“**Temporary Alternative Accommodation Notice**” has the meaning set out in Schedule 8 [Payments];

“**Temporary Availability Condition**” has the meaning set out in Schedule 8 [Payments];

“**Temporary Repair**” has the meaning set out in Schedule 8 [Payments];

“**Temporary Repair Proposal**” has the meaning set out in Schedule 8 [Payments];

“**Term**” has the meaning set out in Section 2.1 (Term and Termination) of the Agreement;

“**Termination Date**” means the earlier of the Expiry Date or the date of earlier termination referred to in Section 2.1 (Term and Termination) of the Agreement;

“**Termination Date Benchmark Canada Bond Yield**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Termination Date Discount Rate**” has the meaning set out in Schedule 9 [Compensation on Termination];

“**Termination Payment**” means the amount owing by the Authority to Project Co pursuant to Schedule 9 [Compensation on Termination];

“**Termination Payment Date**” means the date on which the Authority must make the Termination Payment as provided for in Schedule 9 [Compensation on Termination];

“**Test Period**” has the meaning set out in Appendix 2C [Energy];

“**Threshold Equity IRR**” means ████████, being the Equity IRR as set out in the Financial Model;

“**Total Unavailability**” has the meaning set out in Schedule 8 [Payments];

“**Transfer Restriction Date**” has the meaning set out in Section 16.1 (Limitations on Assignment of Project by Project Co);

“Transition” has the meaning set out in Schedule 8 [Payments];

“Transition Manager” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Tripartite Agreement” means the agreement regarding the Initial Remediation Work of the Existing Hospital building dated September 22, 2015 between the Authority, the Commissioner of the Northwest Territories, Project Co, [REDACTED] and [REDACTED];

“Unallocated/Unassigned Space” has the meaning set out in Schedule 3 [Design and Construction Specifications];

“Unavailable” and **“Unavailability”** have the meanings set out in Schedule 8 [Payments];

“Unavailability Deduction” has the meaning set out in Schedule 8 [Payments];

“Unavailability Event” has the meaning set out in Schedule 8 [Payments];

“Undisclosed Environmental Liabilities” means all Hazardous Substances located in, on, below or adjacent to the Lands, other than Project Co Hazardous Substances;

“Uninsurable” means, in relation to a risk:

- (a) insurance as required under this Agreement is not available in respect of the Project with Qualified Insurers; or
- (b) the insurance premium payable or the terms and conditions for insuring such risk at the levels and on the terms required by this Agreement are such that contractors, concessionaires, owners or others having a substantially similar interest in a project such as the Project in Canada are not generally insuring against such risk with Qualified Insurers;

“Uninsurable Risk” has the meaning set out in Section 6.15 (Consequences of Risks Becoming Uninsurable);

“Unit Deduction Amounts” has the meaning set out in Schedule 8 [Payments];

“Units” means units or other equity interests of any class in the capital of Project Co;

“Updated Project Schedule” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“User Consultation Group” has the meaning set out in Schedule 2 [Design and Construction Protocols];

“Utility” or **“Utilities”** has the meaning set out in Appendix 4E [Utility Management Services];

“Utility Company” has the meaning set out in Appendix 4E [Utility Management Services];

“Utility Management Services” has the meaning set out in Schedule 4 [Services Protocols and Specifications];

“Valuator” means a firm of chartered accountants as represented by a fully qualified member of the Canadian Institute of Chartered Business Valuators;

“Weather Data” has the meaning set out in Appendix 2C [Energy]; and

“Work Plan” has the meaning set out in Schedule 2 [Design and Construction Protocols].

2. INTERPRETATION

This Agreement will be interpreted according to the following provisions, except to the extent the context or the express provisions of this Agreement otherwise require:

- (a) the parties waive the application of any rule of law which otherwise would be applicable in connection with the construction of this Agreement that ambiguous or conflicting terms or provisions should be construed against the party who (or whose counsel) prepared the executed agreement or any earlier draft of the same;
- (b) the table of contents, headings and sub-headings, marginal notes and references to them in this Agreement are for convenience of reference only, do not constitute a part of this Agreement, and will not be taken into consideration in the interpretation or construction of, or affect the meaning of, this Agreement;
- (c) each reference to a Section, Schedule or Appendix is a reference to a Section of, Schedule to or Appendix to a Schedule to this Agreement; each Appendix is uniquely designated by using the number of the Schedule to which the Appendix is attached following by an alphabetical designator in sequence (for example, Appendix 4A [General Management Services] means the Appendix attached to Schedule 4 [Services Protocols and Specifications]). A Schedule includes all of the Appendices attached to that Schedule;
- (d) each reference to an agreement, document, standard, principle or other instrument includes (subject to all relevant approvals and any other provision of this Agreement expressly concerning such agreement, document, standard, principle or other instrument) a reference to that agreement, document, standard, principle or instrument as amended, supplemented, substituted, novated or assigned;
- (e) each reference to a statute or statutory provision (including any subordinate legislation) includes any statute or statutory provision which amends, extends, consolidates or replaces the statute or statutory provision or which has been amended, extended, consolidated or replaced by the statute or statutory provision and includes any orders, regulations, by-laws, ordinances, orders, codes of practice, instruments or other subordinate legislation made under the relevant statute;

- (f) each reference to time of day is a reference to Mountain Standard time or Mountain Daylight Saving time, as the case may be;
- (g) words importing the singular include the plural and vice versa;
- (h) words importing a particular gender include all genders;
- (i) each reference to a public organization is deemed to include a reference to any successor(s) to such public organization or any organization or entity or organizations or entities which has or have taken over the functions or responsibilities of such public organization;
- (j) unless the context otherwise requires, each reference to “parties” means the parties to this Agreement and each reference to a “party” means any one of the parties to this Agreement, provided however that a reference to a third party does not mean a party to this Agreement;
- (k) all monetary amounts are expressed in Canadian Dollars;
- (l) whenever this Agreement obliges a party (the “**Payor**”) to pay any amount to the other party (the “**Payee**”) in respect of any costs, expenses, fees, charges, liabilities, losses, claims or other sums incurred by the Payee:
 - (i) such obligation will be construed as applying only to so much of such sums as have been properly incurred on an arm’s length commercial basis or, where not incurred on an arm’s length commercial basis (including when the payment is made to an Affiliate of the Payee), so much of them as are proper and reasonable; and
 - (ii) the Payee will, when requested by the Payor, provide supporting evidence of such costs, expenses, fees, charges, liabilities, losses, claims or other sums;
- (m) the Authority will not be imputed with knowledge of any fact, matter or thing unless that fact, matter or thing is within the actual knowledge of those of its employees or agents (including the Authority’s Representative) who have responsibilities in connection with the conduct of the Services or the Project;
- (n) without limiting the extent of its actual knowledge, Project Co will for all purposes of this Agreement be deemed to have such knowledge in respect of the Design, the Construction and the Services as is held (or ought reasonably to be held) by those employees or agents of Project Co, or any Project Contractor or Sub-Contractor, who have responsibilities in connection with the carrying out of the Design, the Construction or the Services to which the fact, matter or thing relates or is applicable;
- (o) each requirement for a thing or action to be “in accordance with” or “in compliance with” any standard, code or specification or other requirement or stipulation means that such

thing or action is to exceed or at least equal that standard, code, specification or other requirement or stipulation;

- (p) the words “include”, “includes” and “including” are to be construed as meaning “include without limitation”, “includes without limitation” and “including without limitation”, respectively;
- (q) when a party has “discretion”, it means that party has the sole, absolute and unfettered discretion, with no requirement to act reasonably or provide reasons unless specifically required under the provisions of this Agreement;
- (r) any consent contemplated to be given under this Agreement must be in writing;
- (s) general words are not given a restrictive meaning:
 - (i) if they are introduced by the word “other”, by reason of the fact that they are preceded by words indicating a particular class of act, matter or thing; or
 - (ii) by reason of the fact that they are followed by particular examples intended to be embraced by those general words;
- (t) words or abbreviations which have well-known trade meanings are used in accordance with those meanings;
- (u) the expression “all reasonable efforts” and expressions of like import, when used in connection with an obligation of either party, means taking in good faith and with due diligence all commercially reasonable steps to achieve the objective and to perform the obligation, including doing all that can reasonably be done in the circumstances taking into account each party’s obligations hereunder to mitigate delays and additional costs to the other party, and in any event taking no less steps and efforts than those that would be taken by a commercially reasonable and prudent Person in comparable circumstances but where the whole of the benefit of the obligation and where all the results of taking such steps and efforts accrued solely to that Person’s own benefit, provided that the foregoing will not require the Authority to:
 - (i) take any action which is contrary to the public interest, as determined by the Authority in its discretion; or
 - (ii) undertake any mitigation measure that might be available arising out of its status as a public body that would not normally be available to a private commercial party;
- (v) the expressions “by Project Co” and “by or through Project Co” and expressions of like import are synonymous and mean by Project Co or by anyone employed by or through Project Co, including Project Co and all contractors, sub-contractors and suppliers of any tier and their respective officers, employees, consultants and agents;

- (w) all accounting and financial terms used herein are, unless otherwise indicated, to be interpreted and applied in accordance with GAAP, consistently applied;
- (x) where this Agreement requires the calculation of something that is calculated in the Financial Model, including Net Present Value of Distributions and Equity IRR but not including Payments and Deductions, the calculation will be done in a manner consistent with the calculation methodology in the Financial Model;
- (y) if the time for doing an act falls or expires on a day that is not a Business Day, the time for doing such act will be extended to the next Business Day;
- (z) each provision of this Agreement will be valid and enforceable to the fullest extent permitted by law. If any provision of this Agreement is held to be invalid, unenforceable or illegal to any extent, such provision may be severed and such invalidity, unenforceability or illegality will not prejudice or affect the validity, enforceability and legality of the remaining provisions of this Agreement. If any such provision of this Agreement is held to be invalid, unenforceable or illegal, the parties will promptly endeavour in good faith to negotiate new provisions to eliminate such invalidity, unenforceability or illegality and to restore this Agreement as nearly as possible to its original intent and effect; and
- (aa) each release, waiver of liability and indemnity in this Agreement expressed to be given in favour of a party is and will be interpreted as having been given in favour of and may be enforced by that party and, in the case of the Authority, by the Authority Indemnified Persons, and, in the case of Project Co, by Project Co Persons.

3. PRIORITY OF AGREEMENTS AND SCHEDULES

In the event of ambiguities, conflicts or inconsistencies between or among any of the provisions of this Agreement, the provisions will prevail in the following order of precedence with each taking precedence over those listed subsequently:

- (a) the provisions establishing the higher quality, manner or method of performing the Design, Construction or Services, using the more stringent standards, will prevail, with the intent that the provisions which produce the higher quality with the higher levels of safety, reliability, durability, performance and service will prevail;
- (b) the provisions of the main body of this Agreement will prevail over any of the Schedules hereto other than Schedule 11 (Material Project Contractor Collateral Agreement) or Schedule 10 (Lenders' Remedies Agreement);
- (c) the provisions of the Lenders' Remedies Agreement will prevail over the Material Project Contractor Collateral Agreement; and
- (d) the provisions of this Agreement (other than the provisions of Appendix 2F [Proposal Extracts (Design and Construction)] and Appendix 4O [Proposal Extracts (Services)]) will prevail over the provisions of Appendix 2F [Proposal Extracts (Design and Construction)] and Appendix 4O [Proposal Extracts (Services)]; provided however that in determining

whether an ambiguity, conflict or inconsistency exists between Appendix 2F [Proposal Extracts (Design and Construction)] and Appendix 4O [Proposal Extracts (Services)] and any other provisions in this Agreement, to the extent that Appendix 2F [Proposal Extracts (Design and Construction)] and Appendix 4O [Proposal Extracts (Services)] include additional requirements for higher standards of quality or performance or additional requirements for more extensive scope of design, work or services than otherwise required, no such ambiguity, conflict or inconsistency will be deemed to exist and Project Co's obligations hereunder will include compliance with all such additional requirements; and

- (e) if the ambiguity, conflict or inconsistency is between a provision of general application and a provision that applies only to a specific part of the Design, Construction or Services, the provision that applies to the specific part of the Design, Construction or Services shall prevail for that specific part of the Design, Construction or Services.

4. FINANCIAL MODEL

Except where expressly referred to, the Financial Model and its contents will not be used to interpret, and will not affect the meaning of, this Agreement.

SCHEDULE 2

DESIGN AND CONSTRUCTION PROTOCOLS

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- APPENDIX 2B USER CONSULTATION AND DESIGN REVIEW**
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SCHEDULE 2

DESIGN AND CONSTRUCTION PROTOCOLS

1. DEFINITIONS

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 of this Agreement:

“Certificate of Service Commencement” has the meaning set out in Section 13.3(a) of this Schedule;

“City” means the City of Yellowknife;

“Commissioning Plan” has the meaning set out in Section 12.3 of this Schedule;

“Construction Monitoring Report” has the meaning set out in Section 4.7 of this Schedule;

“Construction and Remediation Period Joint Committee” has the meaning set out in Section 2.6 of this Schedule;

“Deficiency” means a Service Commencement Deficiency;

“Deficiency Deadline” has the meaning set out in Section 13.4;

“Demolition Plan” has the meaning set out in Section 6.12 of this Schedule;

“Design and Construction Representative” has the meaning set out in Section 2.1 of this Schedule;

“Environmental Report” means the report entitled “Final - Phase I Environmental Site Assessment” prepared by Stantec with respect to 550 Byrne Road, Yellowknife and dated September 18, 2014;

“Facility Move-In Schedule” has the meaning set out in Section 10.5;

“Geotechnical Reports” means the Geotechnical Investigation Report for the Stanton Territorial Hospital Planning Study prepared by AMEC and dated July 4, 2013 and the Topographic Survey of Lot 1, Block 162, Yellowknife prepared by Sub-Arctic Surveys Ltd. and dated July 3, 2013;

“Hazardous Materials Report” means the report entitled “Pre-Renovation Hazardous Material Assessment” prepared by Stantec Consulting Ltd. with respect to Stanton Territorial Hospital and dated October 24, 2014;

“Hospital” means the Existing Hospital from the Effective Date until Service Commencement and the Facility from Service Commencement to the Expiry Date, which shall include, as applicable, any other buildings or structures on the Lands following Service Commencement and the Existing Hospital Lands up until Service Commencement;

“Identified Future Buildings” means the future buildings or structures to be constructed on the Lands or Existing Hospital Lands, as applicable, that were identified and/or set out in the Authority’s request for proposals (SC795017) issued October 1, 2014, as amended thereafter from time to time;

“Independent Certifier” has the meaning set out in Section 3.1 of this Schedule;

“Infection Prevention and Control Plan” has the meaning set out in Section 5.11 of this Schedule;

“Intended Uses” means the uses for the Facility as described in the Design and Construction Specifications;

“Move Plan” has the meaning set out in Section 12.4 of this Schedule;

“Phasing Plan” has the meaning set out in Section 6.2 of this Schedule;

“Project Co’s Quality Consultant” has the meaning set out in Section 8.3 of this Schedule;

“Project Schedule” has the meaning set out in Section 10.1 of this Schedule;

“Quality Assurance Plan” has the meaning set out in Section 8.5 of this Schedule;

“Quality Assurance Program” has the meaning set out in Section 8.4 of this Schedule;

“Quality System” means an organizational structure, procedures, processes and resources necessary to implement a comprehensive, planned and systematic program, designed and implemented by Project Co pursuant to this Agreement, to ensure that the standards of quality control, quality management and quality assurance required by this Agreement are achieved by Project Co in every material aspect of the Design and Construction;

“Service Commencement Deficiency” has the meaning set out in Section 13.1;

“Updated Project Schedule” has the meaning set out in Section 10.2 of this Schedule;

“User Consultation Group” has the meaning set out in Section 5.4(a) of this Schedule; and

“Work Plan” has the meaning set out in Section 6.13 of this Schedule.

2. PARTIES’ DESIGN AND CONSTRUCTION REPRESENTATIVES

2.1 Appointment of Representatives

Project Co will within 5 Business Days of the Effective Date designate in writing a person (the **“Project Co Design and Construction Representative”**) to be Project Co’s single point of contact with respect to the Design, the Construction and the Initial Remediation Work. Project Co’s Design and Construction Representative will be a Key Individual. Project Co’s Design and Construction Representative may also be Project Co’s Operating Period Representative.

The Authority will within 5 Business Days of the Effective Date designate in writing a person (the **“Authority Design and Construction Representative”**) to be the Authority’s single point of contact with respect to the Design, the Construction and the Initial Remediation Work. The Authority may from time to time designate a second Design and Construction Representative. One will be the Authority’s primary point of contact with respect to Design and the other will be the Authority’s primary point of contact with respect to Construction and/or Initial Remediation Work. The Authority’s Design and Construction Representative may also be the Authority’s Operating Period Representative.

Except as otherwise set out in this Agreement, all costs or expenses incurred by or with respect to a party’s Design and Construction Representative will be for the account of that party.

2.2 Replacement

Subject to Section 2.8 of this Agreement in respect of Key Individuals, a party may at any time and in its own discretion by notice to the other party change the person appointed as the party’s Design and Construction Representative. If for any reason a party’s Design and Construction Representative is

unable or unwilling to continue then the party will immediately appoint a replacement Design and Construction Representative. If at any time a party objects to a Design and Construction Representative of the other party then the other party will give reasonable consideration to replacing the Design and Construction Representative with a person reasonably acceptable to the objecting party.

2.3 Authority of Representatives

A party's Design and Construction Representative will have full authority to act on behalf of and bind the party with respect to Design, Construction and Initial Remediation Work under this Agreement, including giving any review, acceptance, approval or confirmations which may be given by the Authority. Notwithstanding the above, a party's Design and Construction Representative will not have the authority to execute or agree to any amendments or to give any waivers of this Agreement.

2.4 Review Procedure

The parties will comply with Appendix 2B [User Consultation and Design Review].

2.5 Authority Not Responsible for Design or Construction

The Authority's review, acceptance, approval or confirmation of compliance with respect to any aspect of the Design, the Construction or the Initial Remediation Work, including pursuant to Appendix 2B [User Consultation and Design Review], will be for the Authority's benefit only, and no review, acceptance, approval or confirmation of compliance by the Authority's Design and Construction Representative or other representative of the Authority will in any way relieve Project Co of its obligations for all aspects of the Design and Construction of the Facility and the Initial Remediation Work except as may be expressly set out in this Agreement.

2.6 Construction and Remediation Period Joint Committee

- (a) Not less than 20 Business Days after the Effective Date, the Authority and Project Co will establish, and will maintain until the Initial Remediation Work Completion Date, a joint liaison committee (the "**Construction and Remediation Period Joint Committee**") consisting of the Design and Construction Representatives and such other members as the parties may agree from time to time.
- (b) The purpose of the Construction and Remediation Period Joint Committee is to provide a formal forum for the parties to consult and cooperate in all matters relating to the Existing Hospital and the Facility during the Construction Period and the Initial Remediation Work Period and any member appointed to the Construction and Remediation Period Joint Committee will not have any duties or obligations arising out of such appointment independent of such member's duties or obligations to the party making such appointment.
- (c) The Construction and Remediation Period Joint Committee:
 - (1) will only have the authority as expressly delegated to it by the Authority and Project Co, and both parties will give reasonable consideration to delegating appropriate authority to permit efficient decision making with respect to the Existing Hospital and the Facility;
 - (2) may strike, establish terms of reference for, delegate authority and appoint members having the necessary experience and qualifications to, such sub-committees as the Construction and Remediation Period Joint Committee may determine are necessary from time to time and all such sub-committees will report to the Construction and Remediation Period Joint Committee;

- (3) will establish protocols and procedures for undertaking the tasks and responsibilities delegated to it, including a co-operative and consultative process to review all documentation submitted to it in relation to the Design, the Construction and the Initial Remediation Work;
 - (4) may make recommendations to the parties on all matters relating to the Existing Hospital and the Facility, which the parties may accept or reject in their complete discretion; and
 - (5) will have no authority to agree to any amendments or to give any waivers of this Agreement.
- (d) Subject to the provisions of this Agreement, the members of the Construction and Remediation Period Joint Committee may adopt such procedures and practices for the conduct of the activities of the Construction and Remediation Period Joint Committee as they consider appropriate from time to time and:
- (1) may invite to any meeting of the Construction and Remediation Period Joint Committee such other (non-voting) persons as a member may decide; and
 - (2) receive and review a report from any person agreed by the members of the Construction and Remediation Period Joint Committee.
- (e) The Construction and Remediation Period Joint Committee will meet at least once each month at a location provided by Project Co at or near the Lands or the Existing Hospital Lands (unless otherwise agreed by its members) and from time to time as necessary. If any member of the Construction and Remediation Period Joint Committee requests an additional meeting, the parties will act reasonably in accommodating this request. Meetings of the Construction and Remediation Period Joint Committee will be convened on not less than 10 Business Days' notice (which will also identify the agenda items to be discussed at the meeting) provided that in an emergency a meeting may be called at any time on such notice as may be reasonable in the circumstances. The Construction and Remediation Period Joint Committee will be chaired by a representative of the Authority unless the Authority requires that a representative of Project Co chair the Construction and Remediation Period Joint Committee.
- (f) Project Co will keep minutes of all recommendations and meetings of the Construction and Remediation Period Joint Committee in accordance with Schedule 14 [Records and Reports] and circulate such minutes to the parties promptly within 5 Business Days of the making of the recommendation or the holding of the meeting.

3. INDEPENDENT CERTIFIER

3.1 Appointment

The parties will cooperate to jointly appoint a person (or firm of persons) (the "**Independent Certifier**"), who is:

- (a) qualified and experienced with respect to the design and construction of projects similar to the Project, and
- (b) independent from both the Authority and Project Co (and who will be impartial to the parties), to provide certification services for the benefit of the parties during the Construction Period and the Initial Remediation Work Period. The parties will enter into an agreement with the Independent Certifier on the terms generally as set out in

Appendix 2A [Independent Certifier Agreement]. The parties confirm that Project Co may also appoint the Independent Certifier to provide certification services in respect of the Design-Build Agreement.

3.2 Appointment and Replacement

If within 20 Business Days of the Effective Date the Independent Certifier has not been appointed, or if for any reason during the Construction Period or the Initial Remediation Work Period the Independent Certifier is unable or unwilling to continue to perform the Independent Certifier services or if the Independent Certifier's appointment has been terminated by the Authority and Project Co, then:

- (a) within 5 Business Days of the date that is 20 Business Days after the Effective Date (or within 5 Business Days of the date of termination of the Independent Certifier's appointment, if applicable), Project Co will provide the names of 3 candidates acceptable to Project Co for consideration by the Authority;
- (b) within 10 Business Days of receiving the candidate names, the Authority will notify Project Co of the candidates acceptable to the Authority, and the parties will cooperate to enter into a contract with an acceptable candidate generally in the form set out in Appendix 2A [Independent Certifier Agreement]; and
- (c) if none of the candidates are acceptable to the Authority, acting reasonably, or if for any reason an Independent Certifier is not appointed within 40 Business Days of the Effective Date (or within 20 Business Days of the date of termination of the Independent Certifier's appointment, if applicable), then either party may immediately apply to a judge of the Supreme Court of the Northwest Territories for the selection of an Independent Certifier, providing the other party the opportunity to participate in the selection and appointment process.

3.3 Monthly Inspections and Report

The parties will require the Independent Certifier to:

- (a) consult with the Design-Builder and others involved in the Design; and
- (b) conduct inspections of the Construction and Initial Remediation Work,

as the Independent Certifier determines is required for purposes of the Independent Certifier's functions under this Agreement and, no later than the 10th day of each month, prepare and deliver to the Authority and Project Co a monthly written report containing a description of:

- (c) the Design and Construction and Initial Remediation Work completed in the previous month; and
- (d) the progress of the Design and Construction and Initial Remediation Work relative to the Updated Project Schedule, with an overview analysis of variances and an assessment of whether the Project is on-time and on-budget.

3.4 Payment Certificates

The Independent Certifier will prepare and deliver to the Authority and Project Co, as applicable:

- (a) on a quarterly basis, certificates certifying the Cost to Date and the Cost to Complete of the Facility no later than 10 Business Days prior to the date of each scheduled Construction Payment; or

- (b) on a monthly basis, certificates certifying the Cost to Date and the Cost to Complete of the Initial Remediation Work no later than 10 Business Days prior to the end of the following month in which the certificate was completed.

The Authority and Project Co specifically agree to the following with respect to the preparation and delivery of the payment certificates by the Independent Certifier:

- (c) the Cost to Date certificate will certify actual costs incurred by or on behalf of Project Co;
- (d) the Cost to Complete certificate will be an estimate of Project Co's costs to complete based on Project Co's costs and progress of the completed Construction or Initial Remediation Work, as applicable; and
- (e) except as required under Section 3.3 of this Schedule, Independent Certifier will have no role in monitoring or inspecting, or in giving any directions or instructions, with respect to any aspect of the Design, the Construction or the Initial Remediation Work.

3.5 Application for Certificate of Service Commencement

The parties will require the Independent Certifier to perform the obligations of the Independent Certifier described in Section 13 of this Schedule.

3.6 Permitted Access

Project Co will give the Independent Certifier access to the Design and Construction and Initial Remediation Work as the Independent Certifier reasonably requests in order to be fully informed as to the progress of the Design and Construction including:

- (a) access to drawings, specifications, schedules, records, and other documents or data relating to the Design and Construction and Initial Remediation Work, including such information that is being produced by or in the possession of the Design-Builder or others; and
- (b) access to the Lands and the Existing Hospital Lands,

and Project Co will:

- (c) permit the Independent Certifier to attend all Design and Construction and Initial Remediation Work meetings during the Construction Period except to the extent Project Co and the Authority expressly otherwise agree; and
- (d) keep the Independent Certifier fully informed as to the progress of the Construction and Initial Remediation Work, including giving notice in accordance with Good Industry Practice of any part of the work on the Facility before it becomes covered up and unavailable for inspection.

3.7 No Responsibility for Design or Construction

Nothing in this Agreement (including this Schedule) or in the parties' agreement with the Independent Certifier will be interpreted as giving the Independent Certifier any responsibility or authority for any aspect of the Design or the Construction, or as relieving Project Co of its responsibility for the Design and Construction as set out in this Agreement, and neither Project Co nor the Design-Builder nor any Sub-Contractor will be entitled to rely on any review, acceptance, approval or confirmation that the Independent Certifier may give with respect to Design or Construction.

4. PROJECT CO'S RESPONSIBILITIES

4.1 Design/Build Responsibility

Notwithstanding any other provision of this Agreement, Project Co will:

- (a) have complete responsibility for the Design and Construction of the Facility;
- (b) have complete responsibility for the Initial Remediation Work;
- (c) perform and complete the Design, the Construction, and the Initial Remediation Work:
 - (1) in accordance with all terms of this Agreement including the terms of this Schedule and the Design and Construction Specifications;
 - (2) so as to provide a new health care facility that at Service Commencement:
 - (A) is complete and operational and fit for the Intended Uses;
 - (B) is fully integrated with other existing buildings or structures or any Identified Future Buildings on the Lands and the Existing Hospital Lands, as described in the Design and Construction Specifications;
 - (C) will permit Project Co to provide the Services in accordance with the requirements of this Agreement; and
 - (D) is fully compliant with the applicable requirements set out in Schedule 3 [Design and Construction Specifications] and Schedule 4 [Service Protocols and Specifications]; and
 - (3) to reflect and capture the intent and benefits to the Authority of the Proposal Extracts (Design and Construction).

Each of the obligations in Sections 4.1(c)(1), 4.1(c)(2) and 4.1(c)(3) of this Schedule are independent obligations, and the fact that Project Co has satisfied one obligation will be no defence to an allegation that it has failed to satisfy another.

4.2 Standard of Performance for Design and Construction

Without limiting the other requirements of this Agreement, Project Co will perform the Design, the Construction and the Initial Remediation to the standards required by Schedule 3 [Design and Construction Specifications].

4.3 Defects in Design or Construction

Project Co will, without cost to the Authority, and without limiting Project Co's obligations to perform the Services as set out in this Agreement, including Schedule 4 [Services Protocols and Specifications], correct any Defect that becomes apparent at any time during the Term, subject to the terms of this Agreement, including any Scheduled Maintenance and the Handback Requirements.

4.4 Compliance with Laws

Project Co will undertake and perform the Design, the Construction, and the Initial Remediation Work in accordance with applicable Laws, and so that all elements of the Design, the Construction and the Initial Remediation Work, including all workmanship, construction equipment and materials, and the supply and

installation of Equipment, meet or exceed the requirements of applicable Laws. If there is any conflict or ambiguity between the provisions of applicable Laws, or between a provision of applicable Laws and the Design and Construction Specifications, or between provisions of the Design and Construction Specifications, then the provision of higher quality or higher standard will govern.

4.5 Permits for the Design and Construction

Except as expressly provided otherwise in this Agreement, Project Co will obtain all Permits required for the Design, the Construction and the Initial Remediation Work. Project Co will keep the Authority's Design and Construction Representative fully informed of the details of all discussions and negotiations with Governmental Authorities with respect to all Permits for which it is responsible and, upon request from the Authority's Design and Construction Representative, Project Co will provide to the Authority copies of all documentation and correspondence with a Government Authority relating to such Permits. Project Co will provide reasonable advance notice to the Authority of any meetings with the City or other Governmental Authorities (where practicable) and upon request by the Authority a representative of the Authority may attend any such meetings. Project Co assumes all risk and costs arising in relation to Permits for which Project Co is responsible as described in this Section 4.5, including delays to the Project Schedule arising from delays in obtaining Permits or inability to obtain Permits, conditions of obtaining Permits, or amendments to Permits as may be required.

The Authority will provide Project Co with such information within the Authority's possession, and co-operate with Project Co, as Project Co may reasonably require in relation to all Permits for which Project Co is responsible.

4.6 Energy

Project Co will comply with the requirements of Appendix 2C [Energy].

4.7 Periodic Reporting

Project Co will prepare and deliver to the Authority's Construction Period Representative within 5 Business Days of the end of each month during the Construction Period a construction monitoring report (the "**Construction Monitoring Report**"), which will include the following information with respect to the relevant month:

- (a) all monitoring which has been performed regarding the Design and Construction, and Initial Remediation Work and a summary of all findings;
- (b) a summary of local and Northern involvement in the Design and/or Construction;
- (c) a summary of any Design or Construction occupational health and safety events; and
- (d) an assessment of whether the Project is on-time and on-budget.

If Project Co fails to deliver a Construction Monitoring Report to the Authority's Construction Period Representative within 5 Business Days of the end of a relevant month, the Authority will be entitled to make a Deduction of [REDACTED] for each week or part thereof after the date falling 5 Business Days after the end of the relevant month until Project Co has delivered the relevant Construction Monitoring Report to the Authority's Construction Period Representative. Any Deduction the Authority is entitled to make pursuant to this Section 4.7 will be made from the subsequent Service Payment(s) payable to Project Co pursuant to Schedule 8 [Payments].

5. DESIGN

5.1 Additional Design Considerations

In addition to other requirements of this Agreement, Project Co will undertake and perform the Design so that the Design:

- (a) is undertaken by a design team exercising such degree of care, skill and diligence as would reasonably be expected from consultants qualified to perform services similar in scope, nature and complexity to the Design, as of the date of this Agreement, and Project Co will appoint a design team that:
 - (1) is so qualified;
 - (2) includes (as required by applicable Law or Good Industry Practice) licensed or registered professional engineers and architects;
 - (3) has sufficient expertise and experience to expeditiously and efficiently perform all of the Design in a proper and professional manner to the standard set out in this Agreement; and
 - (4) has sufficient expertise and experience designing infrastructure to be constructed, operated and maintained in similar environmental and geotechnical conditions as in the Lands and the Existing Hospital Lands;
- (b) includes specific consideration of “constructability” and “life cycle” cost issues at all stages of Design, as appropriate; and
- (c) includes consideration of efficient and cost-effective operation and maintenance.

5.2 Support Spaces

Project Co shall also review, plan and integrate into the Design any and all support spaces that are not described in the Design and Construction Specifications, or elsewhere in the Project Agreement, but are required for effective delivery of the Services. Such support spaces may include, but are not limited to, spaces for food preparation, waste removal and/or linen collection.

5.3 Zoning Approval

Copies of related documents have been made available to Project Co. Project Co will be fully responsible to obtain all other permits and approvals required for the Construction of the Facility including any "Development Permit" that may be required, and entering into "Servicing Agreements" as may be required by the City of Yellowknife. Without limiting Section 4.5, Project Co will be responsible for all costs associated with such permits and agreements, including development cost charges.

5.4 Design Process

Project Co will undertake the Design of the Facility:

- (a) in accordance with Appendix 2B [User Consultation and Design Review], including providing Submittals to the Authority in accordance with the Submittal Schedule and undertaking consultation with representatives of the Facility Users (the “**User Consultation Group**”);

(b) in phases progressively, with each phase capturing the information and detail of a previous phase, as follows:

(1) Schematic Design Phase

This phase will include supplemental information not included in Appendix 2F [Proposal Extracts (Design and Construction)] and development of drawings and other documents illustrating the scale and character of the Facility, architecture and all engineering systems and any development permit (if applicable) in sufficient detail to describe how all the parts of the Facility functionally relate to each other, such as the site plan, spatial relationship diagrams, principal floor plans, building systems, sections, and elevations; together with a written project brief.

During this phase, Project Co will also submit a 3D fly-through animation of the Facility.

At a minimum Project Co will address the following items for the Facility:

- (A) proposal for a design vision, aesthetics, materials and building character, including Facility elevations and including, as required by Schedule 3, a master colour sample palette and a sample board for exterior material finishes;
- (B) an environmental wind and snow study of the Lands;
- (C) how the design promotes close ties with the neighbourhood and integration with the surrounding community;
- (D) how the design promotes coherent and harmonious integration of the architectural elements;
- (E) design principles: design vision, Project Co's overall approach to achieving Facility Users' objectives;
- (F) plan of the Lands and the Existing Hospital Lands context showing building blocks and main accesses and egresses;
- (G) plan of the Lands and the Existing Hospital Lands, focusing on landscape design, access, egress and drop-offs (pedestrian, vehicle, ambulance and fire trucks);
- (H) plans of functional department blocking, layouts, building stacking and links, internal and external flow of circulation and department drawings;
- (I) analysis of preliminary plans for the flow of patients, personnel and material;
- (J) site and building flexibility concepts;
- (K) a comparison of the functional space requirements set out in Appendix 3A [Clinical Specifications] and that of the proposed design;
- (L) analysis of space organization to verify if spaces offer medical and support teams optimal processes compared to the process maps;

- (M) verification of aspects of accessibility and signage concepts;
- (N) efficient integration of major equipment for optimal operations;
- (O) description of all information management and information technology and security systems and how these systems will enable and enhance clinical functionality;
- (P) allocation of type, load and location of all patient lift systems;
- (Q) a threat and risk assessment for the Lands;
- (R) allocation of size, specifications, orientation and location of all headwall systems; and
- (S) plans showing phasing for Construction.

The end of this phase for the Facility will occur when all Schematic Design Submittals for the Facility have been assigned a "REVIEWED" comment, after which the design development phase may begin.

(2) Design Development Phase

This phase will include drawings and other documents, including a site plan, elevations and sections, together with a written project brief detailing area calculations, detailing all building systems and outline specifications, to fully describe the size and character of the entire Facility including the architectural, landscaping, civil, structural, mechanical, electrical and IMIT systems, materials and other elements to fully describe the Facility.

At a minimum Project Co will address the following items for the Facility:

- (A) developed design;
- (B) an updated environmental wind and snow study of the Lands, if applicable;
- (C) signage, orientation, etc.;
- (D) developed exterior elevations of the buildings, wall cross-sections;
- (E) developed integration of exterior spaces, including courtyards, vehicle access/egress (including drop-off and pick-up access to parking, temporary parking, etc.).
- (F) developed integration of other Hospital buildings;
- (G) developed interior concepts and key elevations;
- (H) relevant draft policies and plans as required by Schedule 4 [Services Protocols and Specifications], including Appendix 4C [Plant Services];
- (I) developed landscape plans;

- (J) developed room numbering plan for Authority use (public and patient wayfinding);
- (K) developed Construction phasing plans;
- (L) the following related to clinical aspects:
 - (i) review of drawings based on the comments from the schematic design phase;
 - (ii) plans showing all rooms with dimensions: interior elevations and reflected ceiling plans, with relevant equipment shown;
 - (iii) a full lighting and switching layout for each room and floor plates;
 - (iv) develop interior finishes (flooring, walls, wall protection and ceiling finishes) for all rooms and floor plates;
 - (v) verification of the impact of the layout of the premises on the flow of patients, personnel and material;
 - (vi) efficient integration of major equipment for optimal operations;
 - (vii) review wayfinding strategies from the proposal stage and how it will be incorporated with details in the current design;
 - (viii) review standard millwork types and details;
 - (ix) review of door controls and hardware concepts/strategies; and
 - (x) review of security strategies.
- (M) the following related to technical aspects:
 - (i) roof plan;
 - (ii) main engineering component drawings that relate to the connection of municipal infrastructures and public services;
 - (iii) main engineering component drawings that relate to the clinical design;
 - (iv) main engineering component drawings that relate to equipment infrastructure;
 - (v) main engineering component drawings that relate to the mechanical system;
 - (vi) main engineering component drawings that relate to the electrical system;
 - (vii) main engineering component drawings that relate to the plumbing system;

- (viii) main engineering component drawings that relate to the medical gas system;
 - (ix) main engineering component drawings that relate to landscaping, exterior lighting, storm water retention and civil engineering;
 - (x) main engineering component drawings that relate to the structural system including links to other Hospital buildings.
 - (xi) main engineering component drawings that relate to the life safety system;
 - (xii) drawings indicating future engineering system flexibility; and
 - (xiii) redundancy and spare capacity calculations. Clinical and technical aspects may be combined.
- (N) At a minimum Project Co will address the following items for clinical equipment and information management and information technology:
- (i) main component drawings that relate to the clinical equipment; and
 - (ii) main component drawings that relate to all information management and information technology

(3) Construction Documents Phase

This phase will include construction documents consisting of drawings and specifications describing in detail the requirements for the construction of all components, systems and equipment for the Facility:

- (A) at 50% completion; and
- (B) at 95% completion,

in accordance with the Submittal Schedule, in a timely way in advance of Construction with sufficient detail to permit the Authority to understand and assess the Design of the Facility.

If Project Co intends to proceed with construction of an element of the Facility in advance of the completion of the design of the entire Facility then Project Co will deliver the 50% and 95% construction documents for that element (with sufficient accompanying detail to permit the Authority to understand and assess the design of that element) in advance of the design documents for other elements of the Facility;

- (c) so that in each phase, Project Co will provide to the Authority the level of detail and documentation that the Authority would customarily receive or expect to receive for a facility similar to the Facility in accordance with Good Industry Practice, including (as applicable to a particular phase):
- (1) dimensioned floor plans and elevations showing all millwork;
 - (2) furniture and equipment;

- (3) interior elevations for all rooms and spaces, including all interior finishes, millwork, mechanical and electrical;
- (4) exterior building elevations;
- (5) completed site and landscaping plans;
- (6) room data sheets, including the following information:
 - (A) room acoustics
 - (i) STC rating
 - (ii) noise level in room
 - (B) daylight requirements
 - (C) fire
 - (i) fire resistance rating
 - (ii) sprinkler
 - (iii) sprinkler head type
 - (iv) alarms
 - (v) smoke detectors
 - (D) door/screen
 - (i) type
 - (ii) frame
 - (iii) finish
 - (iv) protection
 - (v) access controls
 - (E) ceiling conditions
 - (i) height
 - (ii) material
 - (iii) finish
 - (iv) ceiling notes
 - (F) wall protection
 - (G) floor

- (i) finish
- (ii) structural loading
- (iii) base
- (iv) base height
- (H) accessories list
- (I) equipment list
- (J) plumbing fixture list
- (K) plumbing
 - (i) fixture count
 - (ii) water type and temperature
 - (iii) drains
 - (iv) fuel
 - (v) compressed air
 - (vi) compressed gas
 - (vii) medical gas
- (L) HVAC
 - (i) room class
 - (ii) number of occupants
 - (iii) activity level
 - (iv) noise level
 - (v) equipment heat dissipation
 - (vi) temperature
 - set point
 - monitor and control requirements
 - (vii) relative humidity
 - set point
 - monitor and control requirements

- (viii) relative pressure
 - set point
 - monitor and control requirements
- (ix) ventilation
 - total air exchange
 - pre-filtration
 - final filtration
 - room air recirculation
 - exhaust air
 - supply air diffusion
 - monitor and control requirements
- (x) electrical
 - patient area classification
 - monitor and control requirements
 - device list
 - lighting
 - alarms
 - data
 - electrical
 - cable TV
 - telephone
 - wireless
 - intercom
 - nurse call
 - clock
 - code
 - CCTV

- (7) room finish schedules;
- (8) reflected ceiling plans;
- (9) interior finishes;
- (10) a written report detailing and describing the manner in which the following have been taken into account in the Design:
 - (A) clinical operations and delivery;
 - (B) energy efficiency/sustainability;
 - (C) material selection;
 - (D) constructability;
 - (E) Life Cycle Requirements; and
 - (F) building operating services; and
- (11) clearly identifying sections for:
 - (A) architectural design;
 - (B) site development and landscaping;
 - (C) structural design;
 - (D) mechanical design;
 - (E) electrical design; and
 - (F) sustainable design.

Project Co will only issue drawings and specifications for construction purposes based on Reviewed Drawings and Specifications as described in Appendix 2B [User Consultation and Design Review]. Project Co will print drawings issued for construction purposes (“**Issued For Construction Drawings**”) on paper that is a distinct colour, and will provide copies of all Issued For Construction Drawings to the Authority as soon as possible after they are issued for construction.

This Section 5.2 does not limit Project Co’s obligation to comply with any requirements set out in the Design and Construction Specifications in relation to the stages and requirements for Design.

5.5 Design Change

The following will apply to the Authority’s requests for amendments to the design of the Facility:

- (a) revisions to drawings, specifications, equipment and additional Design requested by the Authority under the processes described in Section 5 of this Schedule and in Appendix 2B [User Consultation and Design Review] are not Changes and will be completed at Project Co’s cost (except to the extent that any such requested revision would constitute a material change to the Design and Construction Specifications, the terms of Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply and such revision will not be implemented except under a Change Certificate issued by the Authority); and

- (b) if and to the extent the Authority requires a variation of any Design described in the Reviewed Drawings and Specifications (other than a variation required to bring the Design into conformity with this Agreement then such variation will be a Change and the terms of Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply.

5.6 Building Information Modeling

Project Co will undertake the Design utilizing a fully integrated, three-dimensional, real-time dynamic building information modeling (“**BIM**”) capable software solution that meets the requirements set out in this Section.

- (a) BIM Platform. Project Co will use a BIM platform that:
 - (1) is a relational database with object-orientated capabilities;
 - (2) is capable of three dimensional (3D) parametric modeling;
 - (3) is fully integrated to support all design disciplines,
 - (4) supports data attributes associated with objects;
 - (5) allows exchange of information between the component parties and other software solutions utilizing industry foundation classes (IFC).
- (b) Visualization. The Authority’s goal in requiring BIM is to help with providing clarity during the Design so that the communication of ideas, particularly to those groups not familiar with interpreting two dimensional drawings, is enhanced. Accordingly, Project Co will:
 - (1) use an active 3D model for all design, user group meetings (in addition to paper documents); and
 - (2) use colour to distinguish, zones, ratings, systems, etc. to support the communication of the design and provide clarity of intent;
- (c) Submittals. Refer to Appendix 2B [User Consultation and Design Review] for requirements related to Submittals.

5.7 Mock-Ups and Prototype Rooms

Project Co will, at its cost and as part of the user consultation and design review process described in Appendix 2B [User Consultation and Design Review], provide and make available to the Authority for review the “mock-ups” and “prototype” rooms described in this Section 5.5. Project Co will include dates on the Submittal Schedule for construction of and for Authority review of mock-ups. The time periods for Authority review and comments on Submittals set out in Appendix 2B will apply to mock-ups.

- (a) By the date set out in the Submittal Schedule, Project Co will provide as part of the schematic design phase clinical user meetings 1:1 scale mock-ups (using either paper, tape markings on the floor or similar) of the following rooms indicating the dimensions and sizing of the room and the location and configuration of millwork, casework, furniture, services, equipment and headwalls:
 - (A) Standard Patient Bedroom with Washroom, Vestibule/Charting Area and Supply Alcove;

- (B) Airborne Isolation (AIR) Bedroom with Anteroom, Washroom and Supply Alcove;
 - (C) Mental health patient bedroom;
 - (D) Intensive Care Unit Bedroom Suite;
 - (E) Labour/ Delivery/Recovery/Postpartum Room (LDRP);
 - (F) Ambulatory Care Exam/Consult room;
 - (G) Medication Room;
 - (H) Clean Room;
 - (I) Soiled Room;
 - (J) Hybrid Operating Room;
 - (K) Endoscopy / Procedure room;
 - (L) Recovery Cubicle;
 - (M) Emergency department – Trauma/Resuscitation Room;
- (b) By the date set out in the Submittal Schedule, Project Co will provide as part of the design development phase clinical user meetings a 3-dimensional rendering of the following rooms indicating the dimensions and sizing of the room and the location and configuration of millwork, casework, furniture, services, equipment and headwalls:
- (A) Standard Patient Bedroom with Washroom, Vestibule/Charting Area and Supply Alcove;
 - (B) Airborne Isolation (AIR) Bedroom with Anteroom, Washroom and Supply Alcove;
 - (C) Mental health patient bedroom;
 - (D) Intensive Care Unit Bedroom Suite;
 - (E) Labour/ Delivery/Recovery/Postpartum Room (LDRP);
 - (F) Ambulatory Care Exam/Consult room;
 - (G) Medication Room;
 - (H) Clean Room;
 - (I) Soiled Room;
 - (J) Hybrid Operating Room;
 - (K) Endoscopy / Procedure room;
 - (L) Recovery Cubicle;

- (M) Emergency department – Trauma/Resuscitation Room;
- (c) By the date set out in the Submittal Schedule, Project Co will provide as part of the design development phase fully constructed mock-ups of the following rooms (at a location either within the Facility as it is under construction or at another location provided by Project Co near the Facility), with mock-ups of millwork, casework, furniture, services, equipment and headwalls included in the design of the room so that the Authority and the User Consultation Group can experience all features of the Design and make Design decisions:
- (A) Standard Patient Bedroom with Washroom, Vestibule/Charting Area and Supply Alcove;
 - (B) Airborne Isolation (AIR) Bedroom with Anteroom, Washroom and Supply Alcove;
 - (C) Mental health patient bedroom;
 - (D) Intensive Care Unit Bedroom Suite;
 - (E) Labour/ Delivery/Recovery/Postpartum Room (LDRP);
 - (F) Ambulatory Care Exam/Consult room;
 - (G) Medication Room;
 - (H) Clean Room;
 - (I) Soiled Room;
 - (J) Hybrid Operating Room;
 - (K) Endoscopy / Procedure room;
 - (L) Recovery Cubicle;
 - (M) Emergency department – Trauma/Resuscitation Room;
- (d) During Construction, Project Co will construct an in-situ “prototype” of each of the following rooms and make each prototype available to the Authority at appropriate stages of construction so that the Authority and the User Consultation Group can review the prototype room (including all materials, finishes, millwork, casework, furniture, services, equipment and headwalls) in its actual location within the Facility at various stages of construction, and consider whether any design adjustments are necessary:
- (A) Standard Patient Bedroom with Washroom, Vestibule/Charting Area and Supply Alcove;
 - (B) Airborne Isolation (AIR) Bedroom with Anteroom, Washroom and Supply Alcove;
 - (C) Mental health patient bedroom;
 - (D) Intensive Care Unit Bedroom Suite;

- (E) Labour/ Delivery/Recovery/Postpartum Room (LDRP);
- (F) Ambulatory Care Exam/Consult room;
- (G) Medication Room;
- (H) Clean Room;
- (I) Soiled Room;
- (J) Hybrid Operating Room;
- (K) Endoscopy / Procedure room;
- (L) Recovery Cubicle;
- (M) Emergency department – Trauma/Resuscitation Room;

Equipment (including booms and monitors) and furniture may be actual pieces or replicas, but must accurately represent the actual physical dimensions

Project Co will modify the mock-ups and prototypes as may be required as the Design develops based on feedback from the User Consultation Group and the Authority.

The purpose of the mock-ups and prototypes is to illustrate the Design. Project Co will update all Design documentation to reflect the mock-ups and prototypes, and any input from the Authority, including User Consultation Groups, and will submit all such updated Design documentation to the Authority for review under Appendix 2B [User Consultation and Design Review].

Project Co will provide a site for the mock-ups and prototypes in the City of Yellowknife unless otherwise agreed by the Authority.

5.8 Ownership of Design

With respect to ownership and property rights relating to the Design:

- (a) the Authority will not have an ownership interest in the Design, including any of the drawings or specifications prepared and produced by Project Co, the Design-Builder or any Sub-Contractor;
- (b) Project Co grants to the Authority, or will cause the Design-Builder and all Sub-Contractors to grant to the Authority, an irrevocable perpetual license giving the Authority the non-exclusive right to use the Design, including any of the documents and information listed in Section 6.25 of this Schedule:
 - (1) in connection with the Facility during and beyond the end of the Term and as long as the Facility exists, including for operational purposes during the Term and for renovations, additions and alterations to the Facility; and
 - (2) for reference purposes in connection with other operations, projects and facilities of the Authority; and
- (c) Project Co will execute and deliver, or cause to be executed and delivered, any and all further and other documents as the Authority may reasonably request to effect and record the license referred to in Section 5.7(b) of this Schedule.

5.9 Record of Adjustments to Design and Construction

The parties wish to create a single record of adjustments to the Design and Construction that are reflected in the Reviewed Drawings and Specifications, but which do not constitute Changes for which there are adjustments to payments or the Target Service Commencement Date. The adjustments include all inconsistencies with or differences from the Design and Construction Specifications, the Proposal Extracts, this Schedule 2 and any other parts of this Agreement. Project Co will maintain a list of all such adjustments, to be referred to as “Adds/Omits” or other name agreed to by the parties. Project Co will provide a copy of such list, and proposed updates to the list, together with each of the phases of Design set out in Section 5.3 above, and will modify the list for reasonable comments made by the Authority.

Upon the achievement of Service Commencement, the parties intend to agree on documentation to reflect such adjustments and may for convenience set out such adjustments in a Change Certificate. Unless otherwise agreed, at least 90 days prior to the Service Commencement Date Project Co will provide the Authority with a draft Change Report (and, if requested by the Authority, a draft markup of the Design and Construction Specifications) setting out such adjustments, without adjustments to payments or to the Service Commencement Date, and the parties will seek to agree on final documentation within 30 days after the Service Commencement Date.

5.10 Infection Prevention and Control

The Facility shall be planned and designed to be safe for all Facility Users in terms of both the prevention of health care acquired infections and the control of infectious diseases.

The Facility shall be designed to minimize the potential transmission of micro-organisms, and to provide the necessary equipment and spaces to support the use of routine infection prevention and control practices.

The Facility shall be designed and operated consistent with best practices for infection prevention and control and as per CSA Z317.3 and CSA Z8000 - 11 (7.5.1.4).

Project Co shall conduct an infection control risk assessment during the planning and Design phase of the Project and as part of the planning process for any new construction, addition, or renovation of the Facility. This risk assessment shall include consideration of the Facility’s patient population and programs. Based on the risk assessment, the Facility shall be designed to include infection prevention and control measures that minimize the potential for acquisition and transmission of infections in the health care setting.

5.11 Infection Prevention and Control Plan

In accordance with CSA Z317.3, Project Co shall develop in conjunction with the Authority, and shall comply with, an infection prevention and control plan for the Facility that includes the following (the “**Infection Prevention and Control Plan**”):

- (a) implementation of routine infection prevention and control practices for all patients regardless of the diagnosis;
- (b) appropriate spacing and placement of patients based on mode of transmission of infectious organisms, including assessment of the need for single inpatient bedrooms and airborne isolation rooms;
- (c) adequate control of patient flow through the Facility;
- (d) mechanical requirements for proper ventilation;

- (e) adequate hand hygiene facilities;
- (f) processes for proper reprocessing of medical devices and equipment;
- (g) segregation of soiled and clean items; and
- (h) Facility responses to catastrophic events.

Project Co will submit the Infection Prevention and Control Plan to the Authority in advance of the commencement of Construction activities, and will not proceed until the Infection Prevention and Control Plan has received the notation “Reviewed” under Appendix 2B [User Consultation and Design Review].

Project Co will comply with the reviewed Infection Prevention and Control Plan.

6. CONSTRUCTION AND INITIAL REMEDIATION WORK

6.1 Construction of the Facility

Project Co will perform the Construction in strict conformity with the Reviewed Drawings and Specifications, as may be modified and amended from time to time in accordance with the terms of this Agreement, and this obligation will be in addition to all other obligations of Project Co under this Agreement.

6.2 Phasing Plan

Project Co will develop a detailed phasing plan (the “**Phasing Plan**”) that:

- (a) includes the details for Project Co’s phasing of all parts of the Construction and Initial Remediation Work, including:
 - (1) all site preparation, demolition, and Construction of the Facility; and
 - (2) the requirements and timing for construction and commissioning (including all systems and equipment) for each functional area of the Facility; and
- (b) gives detailed consideration to:
 - (1) providing un-interrupted patient care throughout the Construction Period;
 - (2) maintaining existing operational functions of the Hospital;
 - (3) minimizing disruptions to Hospital operations and patient care during Construction; and
 - (4) facilitating seamless relocation of functional units from the Existing Hospital to the Facility.

The Phasing Plan may vary based on Project Co’s proposed Design.

Project Co will submit the Phasing Plan to the Authority not less than 30 days after the Effective Date and will not commence Construction until the Phasing Plan has received the notation “Reviewed” under Appendix 2B [User Consultation and Design Review].

Project Co will carry out the Construction in accordance with the reviewed Phasing Plan.

6.3 Amendments and Changes to the Drawings and Specifications

During the Construction, Project Co will submit all amendments or additions to the Reviewed Drawings and Specifications to the Authority's Design and Construction Representative for review under Appendix 2B [User Consultation and Design Review].

Any Changes during the Construction will be subject to the terms of Schedule 6 [Changes, Minor Works and Innovation Proposals].

6.4 Skilled Workers

Project Co will employ or cause the Design-Builder to employ a sufficient number of sufficiently skilled workers to perform the Construction and the Initial Remediation Work in compliance with this Agreement. Trades and other workers will be licensed or registered as required by applicable Law or Good Industry Practice.

6.5 Local Content Utilization

Subject to Section 6.4, Project Co should consider and utilize where reasonably available local suppliers, equipment and personnel to perform some or all elements of the Construction and the Initial Remediation Work. In addition, in accordance with the *Northwest Territories Manufactured Products Policy*, Project Co should utilize where reasonably available approved northern manufacturers for any products that comply with specifications and applicable codes. The *Northwest Territories Manufactured Products Policy* and the *Approved Northern Manufacturers Product List* are available online at <http://www.iti.gov.nt.ca/iea/bip/manufacture.htm>.

6.6 Control of the Construction and the Initial Remediation Work

Project Co will have total control of the Construction and the Initial Remediation Work and will effectively direct and supervise the Construction and the Initial Remediation Work so that it is undertaken in compliance with the terms of this Agreement. Project Co will be responsible for all construction means, methods, techniques, sequences and procedures with respect to the Construction and the Initial Remediation Work and for coordinating the various elements of the Construction and the Initial Remediation Work, and nothing in this Agreement (including this Schedule) will be interpreted as giving any responsibility for the above to the Authority, the Authority's Design and Construction Representative or any other representative or agent of the Authority, or to the Independent Certifier.

6.7 Existing Utilities and services

Project Co will confirm the location of, and protect:

- (a) all existing off-site utilities and services that may be affected by the Construction or the Initial Remediation Work; and
- (b) all existing on-site utilities and services that may be affected by the Construction or the Initial Remediation Work.

Project Co will relocate any existing utilities and services on the Lands and/or the Existing Hospital Lands that conflict with the Construction and/or the Initial Remediation Work.

All existing utilities and services to the surrounding Yellowknife community must remain in operation at all times with interruption only with the prior consent of the Authority's Design and Construction Representative.

6.8 Investigation of the Lands

By entering into this Agreement, Project Co will be deemed to have inspected the Lands and the Existing Hospital Lands in relation to the performance of its obligations under this Agreement and to have satisfied itself and accepted all risks and related responsibilities relating to the Lands and the Existing Hospital Lands (except as expressly provided to the contrary in this Agreement) including:

- (a) the adequacy of the rights of access to and through the Lands and the Existing Hospital Lands for the Construction;
- (b) vehicular access and parking;
- (c) traffic control and requirements for works on all roadways or public access right-of-ways;
- (d) temporary storage of building materials and equipment;
- (e) existing utilities and services on the Lands and the Existing Hospital Lands;
- (f) existing building structures to receive tie-ins;
- (g) all facilities requiring demolition and disposal;
- (h) geotechnical conditions; and
- (i) environmental protection, remediation and restoration requirements.

6.9 Hazardous Materials Report

The Authority has made available the Hazardous Materials Report for Project Co's reference, but Project Co acknowledges that the Authority makes no representation whatsoever as to the accuracy or completeness of any information in the Hazardous Materials Report.

6.10 Geotechnical and Environmental Reports

The Authority has made available the Geotechnical Reports and the Environmental Report. The Authority makes no representation whatsoever as to the accuracy or completeness of any information in the Geotechnical Reports or the Environmental Report and Project Co specifically acknowledges that the Authority assumes and accepts no responsibility that the geotechnical information, as may be available in the Geotechnical Reports or the Environmental Report, is accurate or completely describes actual site conditions including environmental, geotechnical or soil conditions (including presence of permafrost, boulders, rock, low-strength soil and voids) and ground water conditions (including presence of underground streams or water table conditions) that may affect the Design, the Construction, the Initial Remediation Work or other responsibilities of Project Co under this Agreement.

6.11 Lands

- (a) Project Co will:
 - (1) comply with the reviewed Phasing Plan;
 - (2) construct the Facility within the Lands;
 - (3) install a six foot fence around the perimeter of the active construction site and such hoarding as may be required to separate the active construction from the other portions of the Lands and the Existing Hospital Lands;

- (4) perform all Construction and Initial Remediation Work activities within the Lands and the Existing Hospital Lands except as approved by the Authority under Section 6.13 of this Schedule (a Work Plan for such Construction and/or Initial Remediation Work activity must include an adequate plan for maintaining vehicle and pedestrian access to Hospital buildings within or adjacent to the Lands and the Existing Hospital Lands, including the areas listed in Section 6.11(a)(5) below);
- (5) perform all Construction and Initial Remediation Work activities without blocking or disrupting vehicle or pedestrian access to, except as may be permitted pursuant to a Work Plan, the Existing Hospital's and/or the Facility's (as applicable):
 - (A) main entrance and drop off area;
 - (B) emergency department;
 - (C) surface parking areas; and
 - (D) delivery areas,
- (6) cause Project Co Persons and Construction and Initial Remediation Work workers and suppliers to enter or exit the Lands and the Existing Hospital Lands only at existing access routes, unless otherwise approved by the Authority;
- (7) take reasonable steps to ensure that Construction and Initial Remediation Work workers or suppliers do not:
 - (A) use any portion of the Lands or the Existing Hospital Lands for vehicular parking other than the staging area approved by the Authority; or
 - (B) smoke on any portion of the Lands or the Existing Hospital Lands;
- (8) provide a 24-hour hotline (and post the phone number in a prominent location on each of the Lands and the Existing Hospital Lands) for Authority staff, community members and passers-by to notify Project Co of any Construction or Initial Remediation Work related emergencies, and Project Co will respond to any phone calls made on the hotline within 1 hour;
- (9) provide communities with a Project Co name and number to voice concerns;
- (10) provide a community liaison officer to provide a single point of contact regarding construction and development issues;
- (11) provide a high quality colour webcam service with one or more webcams that are linked to the Authority's public website for the Project and that provide frequently refreshed high quality images showing the Construction activities on the Lands, with the Authority to provide Project Co with one or more locations reasonably required by Project Co on the Lands and/or the Existing Hospital Lands for Project Co to install cameras and supporting infrastructure and services (including internet service);
- (12) before commencing the Construction and/or the Initial Remediation Work, prepare and implement in co-operation with the Authority a construction fire safety plan for the Project, which plan will describe emergency access routes to

and from the Existing Hospital, the Facility, Lands and the Existing Hospital Lands during an emergency;

- (13) confine all Initial Remediation Work to mitigate risks to adjacent properties and the Facility; and
 - (14) locate all construction trailers, garbage chutes, garbage bins, hoists, equipment, tools and the like, within the confines of exterior hoarding.
- (b) If Project Co performs any Construction or Initial Remediation Work outside of the area designated as the Lands or the Existing Hospital Lands, Project Co will comply with all policies and other requirements of the Authority.

6.12 Demolition and Preparation of the Lands

As part of the Construction and the Initial Remediation Work, Project Co will carry out any necessary demolition and preparation of the Lands and the Existing Hospital Lands in accordance with a demolition plan (the “**Demolition Plan**”) that includes the details for Project Co’s demolition and preparation of the Lands and the Existing Hospital Lands, including:

- (a) timing of demolition activities;
- (b) security of the Lands and the Existing Hospital Lands;
- (c) safety;
- (d) traffic control;
- (e) mitigation of dust, noise, noxious odours;
- (f) handling, removal from the Lands and the Existing Hospital Lands and disposal of hazardous materials, including certification of proper disposal;
- (g) re-use of materials and recycling content;
- (h) any other matters set out in this Agreement, including the Design and Construction Specifications, as applicable to the demolition and preparation of the Lands and the Existing Hospital Lands; and
- (i) any other activities that could affect the activities of the Authority, the public or the Hospital.

Project Co will submit the Demolition Plan to the Authority in advance of the commencement of demolition activities, and will not proceed until the Demolition Plan has received the notation “Reviewed” under Appendix 2B [User Consultation and Design Review].

Project Co will comply with the reviewed Demolition Plan.

Project Co is permitted to use explosives as a general matter but will not use any explosives without the Authority’s consent as to the specific date, time and location of their use.

The title to all salvage material (including any salvage material containing Hazardous Substances) will transfer to Project Co, except:

- (j) medical equipment, which will remain the property and responsibility of Stanton Territorial Hospital; and
- (k) if the Authority otherwise elects, in which case Project Co shall make the relevant material available for collection by the Authority or its designate.

6.13 Connections and Integration to Hospital

Project Co acknowledges that the Existing Hospital will be fully operational and will provide Clinical Services at all times during Construction until the Facility Move and covenants not to interfere with such operations as contemplated in Section 4.1(A)(c) of this Agreement. The Facility must remain fully operational and able to provide Clinical Services at all times during the Initial Remediation Work. Project Co will:

- (a) co-operate with the Authority to co-ordinate any work required to connect to the Hospital to minimize the interference to the on-going operation of the Hospital, including the delivery of quality patient care;
- (b) adhere to all Authority policies and procedures relating to the Hospital established from time to time, provided that if the Authority changes any such policies or procedures, including by any amendments or additional policies or procedures after the Effective Date, and such changes are a Change or might reasonably be expected to result in an increase in Project Co's costs of performing the Design, the Construction or the Initial Remediation Work, then such changes will be made in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals]; and
- (c) at least seven days before proceeding with any proposed shutdown of Hospital services, deliver to the Authority and obtain the Authority's approval of a work plan ("**Work Plan**") clearly identifying:
 - (1) the activity that may interfere with the operation of the Hospital, including a description of the nature, timing and extent of interference;
 - (2) the steps Project Co intends to take to minimize the extent of such interference;
 - (3) the temporary measures that the Authority will be required to take to accommodate the interference; and
 - (4) any specific reporting relationships between Project Co and the staff desirable or required to coordinate the interference,

unless the Authority, at its discretion, notifies Project Co in writing that a Work Plan will not be required for particular work or a particular shutdown.

Prior to delivering a Work Plan, Project Co will consult with the Authority and, upon reasonable request, the Authority will make appropriate staff available for such consultation to determine the Work Plan that minimizes interference to the Hospital. Project Co will not proceed with any work in the Hospital or any proposed shutdown of Hospital services without

- (d) the Authority's prior written approval of a Work Plan under this Section 6.13, such approval not to be unreasonably withheld or delayed; or
- (e) advance written notice from the Authority confirming that a Work Plan is not required.

6.14 The Authority's Access to the Lands

Subject to complying with all relevant safety procedures, including any relevant health and safety plans for the carrying out of the Construction, the Initial Remediation Work and Project Co's and/or the Design-Builder's site rules, the Authority's Design and Construction Representative and its delegates and any other person designated by the Authority will have access at all reasonable times during normal working hours to:

- (a) attend the Lands and the Existing Hospital Lands and view the Construction and the Initial Remediation Work; and
- (b) subject to obtaining the consent of the relevant manufacturer or supplier (which Project Co will use all reasonable efforts to obtain), visit any site or workshop where materials, plant or equipment are being manufactured, prepared, tested or stored for use in the Construction and/or the Initial Remediation Work for the purposes of general inspection and/or of attending any test or investigation being carried out in respect of the Construction and/or the Initial Remediation Work.

The Authority's Design and Construction Representative and its delegates will have the right to attend all monthly progress meetings and site meetings, including meetings between Project Co and the Design-Builder or its Sub-Contractors.

Project Co will cooperate with the Authority to arrange for tours of the Lands and the Existing Hospital Lands at reasonable times during Construction for interested Hospital health care officials and personnel, in a way that does not interfere with the progress of the Construction.

Except as set out above or as otherwise provided for in this Agreement, the Authority will not grant any person access to the Construction Lands during the Construction Period or the Initial Remediation Work Period without the consent of Project Co, such consent not to be unreasonably withheld or delayed.

6.15 Inspection

Prior to the Target Service Commencement Date, Project Co will, upon request by the Authority's Design and Construction Representative including detailed reasons for the request, open up for inspection by the Authority's Design and Construction Representative any part of the work on the Facility which the Authority's Design and Construction Representative, acting reasonably, believes is defective and:

- (a) if the parties agree or if it is determined in accordance with the Dispute Resolution Procedure that there are no Defects in the relevant part of such work, and Project Co complied with the requirements of Section 3.6 of this Schedule, then any delay caused by the exercise of such rights will be treated as a Compensation Event and be subject to Section 8.3 of this Agreement;
- (b) if the parties agree or if it is determined in accordance with the Dispute Resolution Procedure that any relevant part of the work on the Facility is defective, then:
 - (1) Project Co will rectify and make good such Defects;
 - (2) any consequence of such rectification or making good Defects will be carried out by Project Co at no cost to the Authority; and
 - (3) Project Co will not be entitled to any extension of time to the Project Schedule in relation to such rectification and making good of such work; and

- (c) if the parties are unable to reach agreement in accordance with Sections 6.15(a) or (b) above, then the matter will, at the request of either party, be referred to the Dispute Resolution Procedure. If, in order to maintain compliance with the Project Schedule, it is necessary to proceed in respect of the matter in Dispute, the parties will proceed in accordance with the position of the Authority, provided that Project Co proceeding in accordance with the Authority's position will be a Compensation Event if the relevant matter in Dispute is determined in favour of Project Co.

6.16 Mechanics Lien Act and Builders Liens

With respect to builders liens and the requirements of the *Mechanics Lien Act* (Northwest Territories):

- (a) the Authority will not have any responsibility to be the payment certifier under any contract related to Construction or Initial Remediation Work;
- (b) Project Co will make all required builders lien holdbacks;
- (c) no builders lien holdback will be retained by the Authority under this Agreement;
- (d) if it is determined that any builders lien holdback is required to be retained by the Authority, then Project Co agrees that it is making and will make all of its required holdbacks as agent for the Authority;
- (e) Project Co will indemnify the Authority from any damages, costs, claims and expenses of any kind, including actual solicitors costs, arising from the failure of the Authority to retain a builders lien holdback; and
- (f) failure to hold back payment of amounts due to any Person in accordance with the *Mechanics Builders Lien Act* (Northwest Territories) will not constitute a Project Co Event of Default.

6.17 Safety

Project Co will be solely responsible for safety during the Construction Period and the Initial Remediation Work Period, including the safety of all persons on the Lands and the Existing Hospital Lands and any other location where the Construction or the Initial Remediation Work is performed (whether on the Lands or the Existing Hospital Lands or other location lawfully or not) and members of the public, and will comply with the requirements of applicable Laws, applicable construction safety legislation, regulations and codes and Good Industry Practice.

6.18 Protection of the Environment and Property

Project Co will:

- (a) follow all environmental protection requirements and restrictions while performing the Construction and the Initial Remediation Work;
- (b) protect the Authority's property (and any third party's property) from damage caused by the Construction or the Initial Remediation Work, including buildings, roadways, drainage systems, landscaping, surfaces, services and infrastructure; and
- (c) promptly repair any damage to property caused by Project Co in undertaking the Construction and/or the Initial Remediation Work, including any damage caused by site settlement or ground vibration.

6.19 Survey and Monitoring

Project Co will:

- (a) prior to start of any Construction or Initial Remediation Work, conduct pre-condition surveys of all buildings, residential houses and properties, infrastructure, roadways (including all underground services and installations) on the Lands and the Existing Hospital Lands and in a form and detail satisfactory to the Authority, acting reasonably, which will without limitation include field observations and photographs of existing conditions, with spot elevations by a registered surveyor at locations that will be accessible throughout and following construction for ongoing settlement monitoring, and deliver a copy of the pre-construction survey report to the Authority;
- (b) identify and monitor a list of sensitive equipment, if any, within the Existing Hospital and the Facility that may be impacted by vibrations, including for example microscopes or other measuring devices; and
- (c) conduct post-condition surveys of the spot elevations at Project milestones throughout the Construction Period and the Initial Remediation Work Period and less than one month prior to the end of the construction warranty period, to determine ongoing long-term settlement effects, and deliver monitoring surveys to the Authority in a form and detail satisfactory to the Authority, acting reasonably.

The monitoring will include monitoring of all locations identified in the Design and Construction Specifications with limitations on settlement. Project Co will appoint a registered land surveyor to carry out the settlement monitoring.

6.20 Control of Vibration

Project Co will discuss with the Authority any expected ground vibration from Project Co's Construction activities in advance of those activities (as vibration may result in damage to adjacent Hospital and residential buildings or affect existing Hospital installations, infrastructure, operations, and function of sensitive medical equipment), and without limiting the previous sentence Project Co will:

- (a) carry out its Construction and Initial Remediation Work activities so that:
 - (1) Ground vibrations from Project Co's Construction activities, including all demolition, ground improvement, and general construction activities, does not exceed 4.5 mm/s peak particle velocity when measured on any Hospital building between the hours of 7am to 5pm on Monday through Friday;
 - (2) Ground vibrations do not exceed 7.5 mm/sec peak particle velocity when measured on any Hospital building between the hours of 5pm to 8pm on Monday through Friday and between 8am to 5pm on weekends;
 - (3) Ground vibrations do not exceed 0.3 mm/s peak particle velocity when measured on the Hospital building outside the hours outlined above or during certain times of the day and certain days of the week as determined by the Authority, acting reasonably; and
 - (4) Vibration transfer to adjacent Hospital buildings does not adversely affect existing Hospital operations, including in particular diagnostic operations and equipment in the adjacent buildings.
- (b) Complete a vibration monitoring program as follows:

- (1) Project Co will engage a qualified independent third-party to complete vibration monitoring during the Construction and Initial Remediation Work activities to confirm that the vibrations caused by the Construction and Initial Remediation Work activities do not exceed the limits specified in this Section 6.20.
- (2) Project Co will undertake preliminary vibration monitoring at the Lands and the Existing Hospital Lands during the initial stages of all Construction and Initial Remediation Work activities that are expected to cause vibrations in order to determine magnitude and dissipation rate of the vibrations for each activity and provide a mitigation procedure to prevent exceeding the vibration limits specified in this Section 6.20. Project Co will complete initial vibration related Construction and Initial Remediation Work activities at a significant distance away from other Hospital buildings. The vibration monitor will provide the Authority and Project Co with a report outlining the vibration results from each Construction activity. The Authority will review the preliminary vibration monitoring report and without relieving Project Co of its responsibilities, may require Project Co to comply with additional vibration monitoring requirements for each Construction and Initial Remediation Work activity prior to commencement of the Construction or Initial Remediation Work activity.
- (3) Project Co will install vibration monitoring stations at the nearest building and at any other locations deemed sensitive because of specialized equipment, determined with the Authority. The vibration monitoring stations will be installed at each existing building corner and at the front of the nearest building. Project Co will submit typical detail of monitoring stations for the Authority's review prior to installation.
- (4) The vibration monitor will conduct vibration monitoring during all Construction and Initial Remediation Work as determined by the results of the preliminary vibration monitoring report. The third-party vibration monitor will immediately alert the Authority and Project Co if vibrations exceed the limits specified in this Section 6.20, in which case Project Co will immediately cease the activity causing the vibration.
- (5) The vibration monitor will provide the Authority and Project Co with a report no later than the 5th day of each month detailing the results of the monitoring for the previous month.

6.21 Infection Control and Control of Dust, Noise and Noxious Odours

Project Co will:

- (a) take all reasonable steps (including any specific steps reasonably required by the Authority) to minimize dust, noise and noxious odours (including diesel exhaust) from the Construction and the Initial Remediation Work (including demolition and preparation of the Lands and the Existing Hospital Lands) and to mitigate any adverse effects on the Existing Hospital and the Facility; and
- (b) without limiting Project Co's obligation under Section (a) above:
 - (1) comply with CSA Z317.13 (Infection Control during Construction, Renovation or Maintenance of Health Care Facilities), including "Preventative Measure IV", at all times during the Construction Period and the Initial Remediation Work Period; and

- (2) monitor compliance with CSA Z317.13 on a daily basis during the Construction and the Initial Remediation Work (including demolition and preparation of the Lands and the Existing Hospital Lands) and deliver to the Authority no later than the 5th day of each month, a performance report for the previous month that:
 - (A) describes the steps taken by Project Co to comply with CSA Z317.13; and
 - (B) confirms that Project Co complied with CSA Z317.13 or identifies any failure by Project Co to comply.

6.22 Signage

Project Co may erect signage on the Lands during the Construction Period and on the Existing Hospital Lands during the Initial Remediation Work Period to identify Project Co, the Design-Builder and Project Contractors, provided such signs are acceptable to the Authority's Design and Construction Representative, acting reasonably.

6.23 Temporary Works

During the Construction Period and the Initial Remediation Work Period, Project Co will:

- (a) have the sole responsibility for the design, erection, operation, maintenance and removal of temporary structures and other temporary facilities and the design and execution of construction methods required in their use; and
- (b) provide its own services necessary for Project Co's construction use, including but not limited to power, telephone, water and sewage, and will not connect directly to the Existing Hospital or Facility buildings or infrastructure except with the Authority's prior approval.

6.24 Project Meetings

Without limiting the obligations pursuant to Section 2.6 of this Schedule in respect of the Construction and Remediation Period Joint Committee, at the Authority's request, Project Co's Design and Construction Representative will attend meetings to update the Authority on the progress of Construction or Initial Remediation Work and to discuss any issues that have arisen. The meetings will be at least weekly unless agreed otherwise by the Authority.

6.25 Project Records

Notwithstanding any other provision of this Agreement:

- (a) As-Built Drawings and Specifications: Project Co will:
 - (1) throughout the Construction, update the Reviewed Drawings and Specifications (with respect to the drawings, such update will be in hard copy and an approved electronic format), including all final shop drawings, so as to produce accurate and complete as-built documents for the Facility;
 - (2) as requested from time to time during the Construction, make available such as-built drawings and specifications in hard copy and an approved electronic format to the Authority's Design and Construction Representative for review to permit the Authority's Design and Construction Representative to monitor Project Co's

compliance with the requirements of this Section and for the Authority's operational and other use; and

- (3) provide three full-size hard copies and an electronic copy of the completed as-built drawings and specifications in an approved electronic format on or before the Service Commencement Date.

Project Co will submit all electronic copies in compliance with the standards established by the Authority from time to time for electronic copies.

- (b) Maintenance Manuals: Project Co will:
 - (1) on or before the Service Commencement Date, make available all maintenance manuals, specifications, warranties and related information, in either written or electronic form, for all the equipment and systems that have been included in the Design and Construction of the Facility for review by the Authority's Design and Construction Representative; and
 - (2) organize and store such information in accordance with Schedule 14 [Records and Reports];
- (c) Design Records: Project Co will retain records of the Design process;
- (d) Minutes of Meetings: Project Co will retain minutes of all meetings between the Authority and Project Co relating to the Design, the Construction and/or the Initial Remediation Work. Project Co will circulate such minutes to the Authority's Design and Construction Representative for review and comment within the time period specified in this Agreement for the particular meeting or if no time period is specified then as soon as reasonably possible after the relevant meeting, and a reasonable period before any subsequent meeting so that all parties may consider the minutes and take required actions in advance of the subsequent meeting;
- (e) Inspection Reports and Tests Results: Project Co will retain official reports and certified test records of all inspections and tests which were undertaken as part of the Construction or the Initial Remediation Work;
- (f) Monitoring Results: Project Co will retain all survey and monitoring records obtained in connection with Section 6.19 (Survey and Monitoring);
- (g) Utility Plans: Project Co will retain utility plans for the Facility and the Lands;
- (h) Landscape Plans: Project Co will retain landscape plans for the Facility and the Lands, including irrigation plans if an irrigation system is provided;
- (i) Copies of all Permits: Project Co will retain copies of all Permits for the Construction, the Initial Remediation Work and the occupation of the Facility; and
- (j) Signed Quality Assurance Plan: Project Co will retain a signed copy of the Quality Assurance Plan for the Construction and all records of the Quality Assurance Program implemented as required by this Agreement.

7. EQUIPMENT SUPPLY AND INSTALLATION

7.1 Design and Construction Requirements

The parties will comply with Appendix 2D [Equipment and Furniture].

Without limiting Appendix 2D [Equipment and Furniture], Project Co will complete the Design and Construction to accommodate in the Facility the installation, operation, repair and maintenance of all the Equipment, including as required all electrical and plumbing connections, structural support, seismic restraints and space for efficient access, all to the tolerances and specifications as may be specified and required by the manufacturers or suppliers of the Equipment (which may be of a higher standard than specified in Schedule 3 [Design and Construction Specifications]).

Any items of equipment or systems referred to in the Design and Construction Specifications that are not specifically listed in the Equipment List referred to in Appendix 2D [Equipment and Furniture] are the sole responsibility of Project Co to be supplied and included as part of the Facility.

8. QUALITY MANAGEMENT

8.1 Quality of the Design and Construction

Project Co is solely responsible for the quality of the Design and Construction.

8.2 Quality System

Project Co acknowledges that a comprehensive Quality System is critical for the proper and timely completion of the Design and Construction and accordingly Project Co will implement and follow a Quality System.

8.3 Project Co's Quality Consultant

Project Co will retain a qualified, independent expert in quality management ("**Project Co's Quality Consultant**") to develop a Quality Assurance Program and Quality Assurance Plan in conjunction with Project Co.

8.4 Quality Assurance Program

Project Co's quality assurance program (the "**Quality Assurance Program**") will:

- (a) detail Project Co's measures required to complete all aspects of the Design and Construction pursuant to its Quality System and in accordance with the requirements of this Agreement including this Schedule 2 [Design and Construction Protocols] and Schedule 3 [Design and Construction Specifications];
- (b) address and be applicable to all aspects of the Design and Construction;
- (c) provide for a graded approach to quality in which the appropriate level of quality assurance requirements for various elements of the Design and Construction are defined;
- (d) describe or comply with the following:
 - (1) the required quality level for each process or activity involved in the Design and Construction and the means of achieving it;

- (2) the steps to ensure that everyone participating in the Design or Construction is committed to the Quality Assurance Program;
 - (3) the steps to ensure that the management and organizational structure and responsibilities are defined and understood by everyone participating in the Design or Construction;
 - (4) require that all persons participating in the Design or Construction are competent to do their required tasks and registered where applicable and required with the local authority having jurisdiction;
 - (5) require that individuals involved with the Quality Assurance Program will be held accountable for their work;
 - (6) provide that the right people will have the right information at the right time;
 - (7) provide that relevant experience for each process or activity will be sought and used;
 - (8) Design and Construction activities are planned and controlled;
 - (9) the right items, processes, and practices will be used;
 - (10) materials and services are verified to confirm that they are correct; persons giving verification will be sufficiently qualified and certified, as required and applicable, and will be independent from those who perform or install the materials or services;
 - (11) peer reviews and inspections will be performed on structured planned basis on all elements of the Design and Construction and:
 - (A) errors and deficiencies will be identified and recorded; and
 - (B) errors and deficiencies remedied or corrected and a record maintained of the remedy or correction; and
 - (12) maintain records as required by this Agreement;
- (e) provide for independent design verification in accordance with Good Industry Practice and GNWT Good Building Practice for Northern Facilities, Third Edition, 2013 (updated March 20, 2013), as amended, supplemented or replaced from time to time;
- (f) provide that professionals of record will:
- (1) carry out on-site inspections, review materials testing and inspector's reports, undertake required surveying, measuring, vibration monitoring, and verification of materials and construction methods to ensure conformance with the Reviewed Drawings and Specifications and the Design and Construction Specifications; and
 - (2) provide a letter of assurance by the coordinating professional that is an attestation that the Design and Construction has been performed in accordance with the Reviewed Drawings and Specifications and the Design and Construction Specifications.

8.5 Quality Assurance Plan

Project Co will develop a reasonable quality assurance plan (the “**Quality Assurance Plan**”) that describes the implementation of the Quality Assurance Program in accordance with the following:

- (a) Project Co will deliver to the Authority the Quality Assurance Plan not less than 20 Business Days after the Effective Date, failing which, the Authority will be entitled to make a Deduction of [REDACTED] for each week or part thereof after the date falling 20 Business Days after the Effective Date until Project Co has delivered to the Authority a preliminary draft of the Quality Assurance Plan but if Project Co has not delivered to the Authority a preliminary draft of the Quality Assurance Plan by the date falling 40 Business Days after the Effective Date, the Deduction applicable under this Section 8.5(a) will increase to [REDACTED];
- (b) the Authority will provide its comments, if any, on the preliminary draft to Project Co within 20 Business Days of receipt of the preliminary draft;
- (c) Project Co will deliver a revised draft of the Quality Assurance Plan to the Authority not less than 20 Business Days after receiving the Authority’s comments, failing which, the Authority will be entitled to make a Deduction of [REDACTED] for each week or part thereof after the date falling 20 Business Days after the Authority’s comments were received by Project Co until Project Co has delivered to the Authority a revised draft of the Quality Assurance Plan;
- (d) the Authority will, within 15 Business Days of receipt of the revised draft, advise Project Co whether the Authority accepts the Quality Assurance Plan, and if the Authority does not accept it the Authority will provide its reasons for such non-acceptance in sufficient detail to allow Project Co to address them;
- (e) if the Authority does not accept the Quality Assurance Plan, the parties will, acting reasonably, diligently work together with a view to revising the Quality Assurance Plan to address the Authority’s reasons for non-acceptance;
- (f) if the Authority has not accepted the Quality Assurance Plan by the date that is 90 Business Days after the Effective Date, Project Co may refer the dispute to the Dispute Resolution Procedure to determine whether Project Co’s proposed Quality Assurance Plan is reasonable;
- (g) any Deduction the Authority is entitled to make pursuant to Section 8.5(a) or Section 8.5(c) of this Schedule will be made from the subsequent Service Payment(s) payable to Project Co pursuant to Schedule 8 [Payments]; and
- (h) Deductions made pursuant to this Section 8.5 will not be counted for the purposes of Sections 11.1 or 12.1(h) of this Agreement or Sections 6.7 or 6.8 of Schedule 4 [Services Protocols and Specifications].

Project Co will promptly implement and strictly comply with the Quality Assurance Plan developed under this Section.

8.6 Reporting

Within 5 Business Days of the end of each month during the Construction Period, Project Co will deliver to the Authority a monthly report of the Quality Assurance Plan prepared by Project Co’s Quality Consultant covering all aspects of the Design and Construction completed in the reporting period that are relevant to the Quality Assurance Plan. Project Co will highlight any deficiencies identified and corrective

actions taken to address such deficiencies during the period covered by such report. The report will include all supporting documentation including field reviews, photographs, reports and other material.

8.7 Quality Review by the Authority

The Authority may, at its discretion, perform its own audits of the Quality Assurance Program and for that purpose Project Co will make available for review by the Authority, upon request from the Authority, all records of the Quality Assurance Program and the Quality Assurance Plan.

9. WORKERS COMPENSATION

9.1 Evidence of *Safety Act* and *Worker's Compensation Act* Compliance

Project Co will provide evidence, satisfactory to the Authority's Design and Construction Representative, of compliance by Project Co and all Project Contractors with the requirements of the *Safety Act* (Northwest Territories) and the *Worker's Compensation Act* (Northwest Territories) as amended, and all regulations and successor legislation thereto, including payments due thereunder at the following times:

- (a) prior to commencing the Construction; and
- (b) at any time during Construction or Initial Remediation Work, upon request of the Authority's Design and Construction Representative acting reasonably.

9.2 Indemnity for *Safety Act* and *Worker's Compensation Act* Non-Compliance

If Project Co or anyone employed by or through Project Co in the performance of any Construction or Initial Remediation Work does not comply with the requirements of the *Safety Act* (Northwest Territories) and the *Worker's Compensation Act* (Northwest Territories), as amended, and all regulations and successor legislation thereto, including payment and deduction and remittance of any and all contributions, fees, assessments and charges required to be made pursuant to the above, Project Co will indemnify the Authority from any cost, loss, liability or obligation which the Authority may incur as a result.

9.3 Principal Contractor

For the purposes of applicable legislation and regulations, Project Co agrees to be, or will cause the Design-Builder to be, at all times in respect of the Facility, during the Construction Period, and the Existing Hospital, during the Existing Hospital Works Period, the principal contractor for the Project for the purposes of the *Safety Act* (Northwest Territories) and accordingly will comply, or will cause to be complied, with all resulting requirements and obligations including:

- (a) ensuring continuing coordination of the occupational health and safety activities of all employers on the Lands during the Construction Period and the Existing Hospital Lands during the Initial Remediation Work Period, including the Authority, the Authority's Design and Construction Representative, any other contractors and everyone engaged by or through any of them;
- (b) delivering any notices as required by applicable regulations; and
- (c) complying with the obligations of a principal contractor for a multi-employer workplace as prescribed by the applicable regulations.

If for any reason the *Safety Act* (Northwest Territories) refuses to recognize Project Co or the Design-Builder as the principal contractor then, to the extent permitted by law, Project Co will cooperate with the Authority and perform on behalf of the Authority the obligations which the Authority is required to

undertake as principal contractor in connection with the Construction and the Initial Remediation Work by virtue of the *Safety Act* (Northwest Territories) and regulations, or other statutes.

9.4 Failure to Comply with Safety Act (Northwest Territories) Requirements

If at any time the Construction or the Initial Remediation Work is stopped because Project Co, or any Project Co Person providing services or work on the Project, unreasonably fails or refuses to comply with an order issued pursuant to the *Safety Act* (Northwest Territories), then such failure or refusal will be considered a Project Co Material Breach.

10. PROJECT SCHEDULE AND SCHEDULING

10.1 Initial Project Schedule

Attached as Appendix 2E [Initial Project Schedule] is the initial project schedule (the “**Project Schedule**”), which the parties have relied upon in entering into this Agreement.

10.2 Project Schedule Updates

Project Co will, as required from time to time until the Service Commencement Date, but no less than once per calendar month by the 15th day of each month, in consultation with the Authority update the Project Schedule so that it is at all times an accurate, reasonable and realistic representation of Project Co’s plans for the completion of the Design and Construction of the Facility and the Initial Remediation Work in accordance with the requirements of this Agreement. The updates will include:

- (a) adjustments resulting from Supervening Events and Changes, if any, as permitted by this Agreement;
- (b) as the Design progresses, best estimates of:
 - (1) the start and completion dates for the Design phases described in Section 5.4(b) of this Schedule;
 - (2) the commencement of Construction;
 - (3) the planned start and completion dates of the major activities of Construction;
 - (4) the planned start and completion dates of the Facility Move;
 - (5) the commencement of Initial Remediation Work;
 - (6) the planned start and completion dates of the major activities of Initial Remediation Work; and
 - (7) the planned start and end dates of any proposed shut-down of Hospital services; and
- (c) the Target Service Commencement Date, which may not be updated or otherwise changed within 12 months of such date unless the Authority, in its discretion, consents;

Project Co will deliver an updated Project Schedule monthly to the Authority and the Independent Certifier and upon delivery the updated Project Schedule (the “**Updated Project Schedule**”) will be the Project Schedule under this Agreement in substitution for the previously issued Project Schedule. If at any time the Authority does not agree with the proposed updates that may be required to the Project Schedule then the disagreement may be referred to the Dispute Resolution Procedure.

10.3 Failure to Update Project Schedule

If Project Co fails or refuses to deliver an Updated Project Schedule as required under Section 10.2 of this Schedule, then such failure or refusal will be deemed to be a Project Co Material Breach.

10.4 Compliance with Project Schedule

Project Co will undertake the Design and Construction of the Facility and the Initial Remediation Work in compliance with the Updated Project Schedule, as may be updated pursuant to this Agreement.

10.5 Move-In Schedules

Project Co acknowledges that the Authority will rely on the Target Service Commencement Date as set out in the Project Schedule (as may be adjusted under Section 10.2 of this Schedule).

As soon as reasonably practicable, but in any event no later than 120 Business Days prior to the Target Service Commencement Date, Project Co will deliver to the Authority's Design and Construction Representative a move-in schedule in respect of the Facility (the "**Facility Move-in Schedule**") indicating the anticipated dates when certain areas will become available for occupation by the Authority so as to facilitate and permit the Authority to progressively take up occupation in an efficient manner.

The Authority's Design and Construction Representative will advise Project Co of any key or significant moves or move-in requirements, and Project Co will, as reasonably possible, accommodate the Authority's requirements and requests. Project Co will, as may be required from time to time, up-date the Facility Move-in Schedule.

11. DELAYS AND ACCELERATION

11.1 Acceleration to Recover Project Co Delays

If at any time the Authority, acting reasonably, determines that Project Co is behind the Updated Project Schedule and will not achieve Service Commencement by the Target Service Commencement Date, then the Authority may deliver notice to Project Co's Design and Construction Representative to use its best efforts, at Project Co's own cost and at no cost to the Authority or detriment to quality of workmanship, to accelerate the Construction so as to conform to the Updated Project Schedule and achieve Service Commencement by the Target Service Commencement Date.

11.2 Acceleration to Advance Service Commencement

Without prejudice to the Authority's rights under Section 11.1 of this Schedule, if at any time the Authority determines that it requires the Construction to proceed in advance of the Updated Project Schedule then the Authority may give written notice to Project Co to provide the Authority with a written proposal to accelerate the Construction, including cost estimates and an estimate of the time saved. If the Authority acting reasonably decides to proceed with the acceleration then:

- (a) the Authority will notify Project Co in writing;
- (b) Project Co will implement the directed acceleration in accordance with its proposal;
- (c) the Authority will reimburse Project Co for costs that were described in Project Co's proposal and reasonably incurred by Project Co (but not for any other costs); and
- (d) if the acceleration involves a Change (other than to the Updated Project Schedule) then such Change will be made in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals].

12. COMMISSIONING

12.1 Testing and Commissioning

Project Co will, prior to applying for a Certificate of Service Commencement, retain a qualified independent commissioning agent (who is neither a Project Co Person nor an Affiliate of a Project Co Person; and who is acceptable to the Authority, acting reasonably), to test and commission all equipment (including Equipment on the Equipment List) and systems in the Facility to demonstrate to the Authority's Design and Construction Representative that the Facility equipment and systems, including all major systems, are operating so that the Authority may occupy the Facility for its Intended Uses and the Availability Conditions are satisfied for all Functional Units. The commissioning agent will prepare a written report to confirm the foregoing and completion of the commissioning activities scheduled in the Commissioning Plan to be completed before Service Commencement. Testing and commissioning will include the following:

- (a) a complete and successful demonstration in real time under full stress conditions for all equipment and systems that require or are provided with redundancy or spare capacity;
- (b) end to end testing and commissioning of key equipment and systems including but not limited to all medical Equipment, MDR Equipment, diagnostic imaging Equipment, communication systems (nurse call, vocera, intercom, overhead paging, telephones) and door controls; and
- (c) testing and commissioning will have clinical validation of proper function of equipment and systems and all points of integration between equipment and systems.

12.2 Equipment and Systems Operation and Training

Project Co will be knowledgeable on the proper use and maintenance of all equipment and systems Project Co installs in the Facility, including all equipment and systems described in the Design and Construction Specifications and any other communication systems, and will provide sufficient training and education to the Authority staff to enable the Authority to properly utilize such equipment and systems, including any training and education with respect to Equipment required under Appendix 2D [Equipment and Furniture]. The Authority will identify the relevant Authority staff and make such staff available for training at reasonable times before the Service Commencement Date. All training will be completed before the Service Commencement Date unless agreed by the Authority, acting reasonably. Training may take place after the Service Commencement Date if required by the Authority, or at the request of Project Co with the consent of the Authority, acting reasonably.

12.3 Commissioning Plan

Project Co will prepare and deliver to the Authority's Design and Construction Representative and the Independent Certifier a detailed plan (the "**Commissioning Plan**") setting out the testing, commissioning, training and other activities Project Co intends to carry out to satisfy Sections 12.1, 12.2 and 12.3 of this Schedule and to achieve Service Commencement, including:

- (a) a description of the specific equipment and systems to be tested and commissioned and the associated commissioning requirements, including those to be completed before Service Commencement;
- (b) supporting documentation, including as appropriate:
 - (1) design calculations and/or assumptions;
 - (2) manufacturer's specifications;

- (3) identification of all equipment and systems that require or are provided with redundancy or spare capacity and that will include complete successful demonstration in real time under full stress conditions;
 - (4) identification of post-disaster requirements and protocols for all equipment and systems to be commissioned;
 - (5) a description of all systems which will be tested and commissioned for integration to other systems; and
 - (6) a description of all systems and equipment where the Authority's clinical staff will be required to develop functional scenarios and to test and witness these functional scenarios;
- (c) a description of the training and education that Project Co intends to provide to the Authority's staff to enable the Authority to properly utilize the equipment and systems installed in the Facility, including all training and education to be completed before Service Commencement;
 - (d) the name of the commissioning agent and the names of other persons to be involved in testing, commissioning and training;
 - (e) a description of Project Co's system for managing records of tests, inspections, quality assurance and training;
 - (f) a general description of Project Co's transition plans for handover to the Authority of the Facility at the Service Commencement Date;
 - (g) a schedule, related to the Project Schedule, showing:
 - (1) the timing of all testing and commissioning and training;
 - (2) for each requirement of Service Commencement (described in Schedule 1 [Definitions and Interpretation]), the date upon which Project Co anticipates achieving the requirement;
 - (3) a matrix of all equipment and systems, including all integrated Equipment and systems, and how they integrate with each other, along with an overview of the procedures that will be followed to demonstrate that integration of all equipment and systems has been and will be achieved; and
 - (4) the timing and development of the functional scenarios with the Authority's clinical staff.

The Commissioning Plan must be reasonable having regard to the requirements of Sections 12.1, 12.2 and 12.3 of this Schedule and will be developed and finalized as follows:

- (h) Project Co will deliver a preliminary draft of the Commissioning Plan to the Authority not less than 12 months before each Target Service Commencement Date, failing which, the Authority will be entitled to make a Deduction of ██████ for each week or part thereof after the date falling 12 months before the Target Service Commencement Date until Project Co has delivered to the Authority a preliminary draft of the Commissioning Plan but if Project Co has not delivered to the Authority a preliminary draft of the Commissioning Plan by the date falling 9 months before the Target Service

Commencement Date, the Deduction applicable under this Section 12.3(h) will increase to [REDACTED];

- (i) the Authority will provide its comments, if any, on the preliminary draft to Project Co within 20 Business Days of receipt of the preliminary draft;
- (j) Project Co will deliver a revised draft of the Commissioning Plan to the Authority not less than 40 Business Days after receipt of the Authority's comments on the preliminary draft, failing which, the Authority will be entitled to make a Deduction of [REDACTED] for each week or part thereof after the date falling 40 Business Days after the Authority's comments were received by Project Co until Project Co has delivered to the Authority a revised draft of the Commissioning Plan;
- (k) the Authority will, within 15 Business Days of receipt of the revised draft, advise Project Co whether the Authority accepts the Commissioning Plan, and if the Authority does not accept it the Authority will provide its reasons for such non-acceptance in sufficient detail to allow Project Co to address them;
- (l) if the Authority does not accept the Commissioning Plan, the parties will, acting reasonably, diligently work together with a view to revising the Commissioning Plan to address the Authority's reasons for non-acceptance;
- (m) if the Authority has not accepted the Commissioning Plan by the date that is 6 months before the Target Service Commencement Date, Project Co may refer the Dispute to the Dispute Resolution Procedure to determine whether Project Co's proposed Commissioning Plan is reasonable;
- (n) any Deduction the Authority is entitled to make pursuant to Section 12.3(h) or Section 12.3(j) of this Schedule will be made from the subsequent Service Payment(s) payable to Project Co pursuant to Schedule 8 [Payments]; and
- (o) Deductions made pursuant to this Section 12.3 will not be counted for the purposes of Sections 11.1 or 12.1(h) of this Agreement or Sections 6.7 or 6.8 of Schedule 4 [Services Protocols and Specifications].

12.4 Move Plan

Project Co will prepare and deliver to the Authority's Design and Construction Representative a detailed plan (the "**Move Plan**") setting out the coordination, planning, preparation, relocation, installation, testing, commissioning, training and other activities Project Co will carry out to satisfy Section 5 of Appendix 2D [Equipment and Furniture], including:

- (a) a description of the specific Equipment and office and wall-mounted items to be disconnected, removed, relocated, installed, tested and commissioned and the associated commissioning requirements;
- (b) supporting documentation, including as appropriate:
 - (1) design calculations and/or assumptions;
 - (2) manufacturer's specifications;
 - (3) identification of all equipment and systems that require or are provided with redundancy or spare capacity and that will include complete successful demonstration in real time under full stress conditions; and

- (4) identification of post-disaster requirements and protocols for all equipment and systems to be commissioned;
- (c) the name of the specialized healthcare equipment relocater and the commissioning agent and the names of other persons to be involved in relocation, installation, testing, commissioning and training;
- (d) a description of Project Co's system for managing records of installation, tests, commissioning, inspections, quality assurance and training;
- (e) a general description of Project Co's relocation plans and any other transition plans required in order to coordinate the move, installation and commissioning of relocated Equipment and office and wall-mounted items to the Facility;
- (f) a schedule, related to the Project Schedule, showing:
 - (1) the timing of all planning, disconnecting, removal, moving, installation, testing and commissioning and training;
 - (2) a matrix of all equipment and systems, including all integrated Equipment and systems, and how they integrate with each other, along with an overview of the procedures that will be followed to demonstrate that integration of all Equipment and systems has been and will be achieved; and
 - (3) the Move Plan and schedule must be developed in consultation with the Authority and in consideration to minimize any clinical operational impacts;
- (g) Project Co will deliver a preliminary draft of the Move Plan to the Authority not less than 12 months before the Target Service Commencement Date, failing which, the Authority will be entitled to make a Deduction of ██████ for each week or part thereof after the date falling 12 months before the Target Service Commencement Date until Project Co has delivered to the Authority a preliminary draft of the Commissioning Plan, but if Project Co has not delivered to the Authority a preliminary draft of the Commissioning Plan by the date falling 9 months before the Target Service Commencement Date, the Deduction applicable under this Section 12.4(g) will increase to ██████;
- (h) the Authority will provide its comments, if any, on the preliminary draft to Project Co within 20 Business Days of receipt of the preliminary draft;
- (i) Project Co will deliver a revised draft of the Move Plan to the Authority not less than 40 Business Days after receipt of the Authority's comments on the preliminary draft, failing which, the Authority will be entitled to make a Deduction of ██████ for each week or part thereof after the date falling 40 Business Days after the Authority's comments were received by Project Co until Project Co has delivered to the Authority a revised draft of the Move Plan;
- (j) the Authority will, within 15 Business Days of receipt of the revised draft, advise Project Co whether the Authority accepts the Move Plan, and if the Authority does not accept it the Authority will provide its reasons for such non-acceptance in sufficient detail to allow Project Co to address them;
- (k) if the Authority does not accept the Move Plan, the parties will, acting reasonably, diligently work together with a view to revising the Move Plan to address the Authority's reasons for non-acceptance;

- (l) if the Authority has not accepted the Move Plan by the date that is 6 months before the Target Service Commencement Date, Project Co may refer the Dispute to the Dispute Resolution Procedure to determine whether Project Co's proposed Move Plan is reasonable;
- (m) any Deduction the Authority is entitled to make pursuant to Section 12.4(g) or Section 12.4(i) of this Schedule will be made from the first Service Payment payable to Project Co pursuant to Schedule 8 [Payments]; and
- (n) Deductions made pursuant to this Section 12.4 will not be counted for the purposes of Sections 11.1 or 12.1(h) of this Agreement or Sections 6.7 or 6.8 of Schedule 4 [Services Protocols and Specifications].

The Move Plan must be reasonable having regard to the requirement of this Schedule and will be developed and finalized as part of the Commissioning Plan.

13. COMPLETION

13.1 Deficiency List

Prior to and as a condition of issuance of a Certificate of Service Commencement, Project Co will, in cooperation with the Authority's Design and Construction Representative and the Independent Certifier, prepare a complete list of Defects that are apparent upon inspection of the Facility at that time (the "**Service Commencement Deficiencies**") and deliver to the Authority's Design and Construction Representative the list of Service Commencement Deficiencies.

Subject to the right of Project Co to refer matters to the Dispute Resolution Procedure as set out below, the list of Service Commencement Deficiencies will include all items required by the Authority to be included on such list.

The Authority or Project Co may refer matters relating to the accuracy or completeness of the list of Service Commencement Deficiencies to the Dispute Resolution Procedure.

In an attempt to keep the "Service Commencement Deficiencies" list to a minimum, Project Co will develop a deficiency program and tracking system established in advance of any areas or rooms being complete. As each room or area becomes complete, there will be a review completed and a deficiency item list created. Project Co will distribute this list to any parties that are responsible for any defective work, and have an assigned date by which the deficiency must be corrected. This will be monitored and updated regularly as the Facility progresses towards completion.

13.2 Advance Notice of Application for Service Commencement

Project Co acknowledges that the Independent Certifier will need sufficient time to complete any inspections, consult with the Authority, and consider the list of Service Commencement Deficiencies, and accordingly Project Co will:

- (a) at least 20 Business Days (but no more than 40 Business Days) before the Target Service Commencement Date, deliver to the Independent Certifier and the Authority's Design and Construction Representative a notice setting out:
 - (1) a description of all outstanding Design and Construction to be completed by Project Co prior to Service Commencement; and
 - (2) the list of Service Commencement Deficiencies; and

- (b) assist the Independent Certifier to make any advance inspections requested by the Independent Certifier.

13.3 Application for Certificate of Service Commencement

If Project Co believes it has achieved the requirements for Service Commencement and complied with Section 13.2, then Project Co may apply to the Independent Certifier (with a copy to the Authority's Design and Construction Representative) for a Certificate of Service Commencement. No later than 5 Business Days after application by Project Co for a Certificate of Service Commencement, the parties will require the Independent Certifier to, in cooperation with Project Co's Design and Construction Representative and the Authority's Design and Construction Representative, make an inspection of the Facility, review the basis for Project Co's application for Service Commencement, and then within a further 5 Business Days, with respect to an application for a Certificate of Service Commencement:

- (a) if Service Commencement has been achieved, issue a certificate indicating that Service Commencement has been achieved (a "**Certificate of Service Commencement**"), together with comments on the list of Service Commencement Deficiencies (if any); or
- (b) if Service Commencement has not been achieved, provide Project Co and the Authority's Design and Construction Representative with a list of all incomplete Design and Construction that must be completed prior to Service Commencement.

A Certificate of Service Commencement issued by the Independent Certifier will be final and not referable to the Dispute Resolution Procedure or otherwise subject to dispute between the parties.

13.4 Correction of Deficiencies

Upon issuance of a Certificate of Service Commencement, Project Co will proceed expeditiously to correct each Service Commencement Deficiency by the date that is 20 Business Days after the Service Commencement Date with respect to the Service Commencement Deficiencies, or such later date as may be reasonably required to provide sufficient time to correct the Deficiency and that is agreed by the Authority, acting reasonably (each Deficiency having its own "**Service Commencement Deficiency Deadline**"). Each Service Commencement Deficiency which has not been fully corrected by its Service Commencement Deficiency Deadline will be deemed (without the requirement for any further action by the Authority) to have generated a Demand Maintenance request on that day and thereafter the applicable provisions of this Agreement, including applicable Rectification Periods and Deductions, will apply to each such deemed request. Nothing in this Section 13 limits Project Co's responsibilities for correction of Defects or Deficiencies that are identified after the preparation of the list of Service Commencement Deficiencies.

APPENDIX 2A

INDEPENDENT CERTIFIER AGREEMENT

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APPENDIX 2A

INDEPENDENT CERTIFIER AGREEMENT

THIS AGREEMENT is made as of the 22nd day of September, 2015

AMONG:

The Government of the Northwest Territories

(the “**Authority**”)

AND:

Boreal Health Partnership

(“**Project Co**”)

AND:

BTY Consultancy Group Inc.

(the “**Independent Certifier**”)

WHEREAS:

- A. the Authority and Project Co have entered into the Project Agreement;
- B. the Authority and Project Co wish to appoint the Independent Certifier, and the Independent Certifier wishes to accept such appointment, to perform certain services in connection with the Project Agreement; and
- C. the Authority, Project Co and the Independent Certifier wish to enter into this Agreement in order to record the terms by which the Independent Certifier will perform such services.

NOW THEREFORE in consideration of the mutual promises and agreements of the Authority, Project Co and the Independent Certifier herein expressed and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, the Authority, Project Co and the Independent Certifier covenant and agree as follows:

1. DEFINITIONS

1.1 Definitions

In this Agreement including the recitals and Schedules, unless the context indicates a contrary intention, terms which are defined in the Project Agreement (and not otherwise defined in this Agreement) will have meanings given to them in the Project Agreement and the following terms will have the following meanings:

“Agreement” means this Independent Certifier Agreement and its schedules;

“Fee” means the fees payable by the PA Parties to the Independent Certifier for the Functions, as such fees are specified and made payable in Schedule 2 [Fee];

“Functions” means:

- (a) all of the functions and obligations conferred on the Independent Certifier under the Project Agreement;
- (b) all of the functions and obligations conferred on the Independent Certifier under this Agreement, including the functions described in Schedule 1 [Functions]; and
- (c) all other things or tasks which the Independent Certifier is required to do to comply with its obligations under this Agreement;

“Functions Variation” means any change to the Functions;

“PA Parties” means, collectively, the Authority and Project Co;

“Project Agreement” means that certain agreement entitled “Project Agreement” and made between the Authority and Project Co as of the 22 day of September, 2015 with respect to the design, construction, financing, operation, maintenance and life cycle rehabilitation for the Facility, as the same may be amended, supplemented or replaced from time to time; and

“Project Material” means all material:

- (a) provided to the Independent Certifier or created by or required to be created by any PA Party; and
- (b) provided by or created by or required to be created by the Independent Certifier as part of, or for the purpose of, performing the Functions,

including documents, equipment, reports, technical information, plans, charts, drawings, calculations, tables, schedules and data (stored and recorded by any means).

2. INTERPRETATION

2.1 Interpretation

The division of this Agreement into Sections, the insertion of headings and the provision of a table of contents are for convenience only, do not form a part of this Agreement and will not be used to affect the construction or interpretation of this Agreement. The word “including” will not be construed as limiting the general term or statement immediately preceding. Unless otherwise specified:

- (a) each reference in this Agreement to **“Section”** and **“Schedule”** is to a Section of, and a Schedule to, this Agreement;

- (b) each reference to a statute is deemed to be a reference to that statute and any successor statute, and to the regulations made under that statute and any successor statute, as amended or re-enacted from time to time;
- (c) words importing the singular include the plural and vice versa and words importing gender include all genders;
- (d) references to time of day or date mean the local time or date in Yellowknife, Northwest Territories;
- (e) all references to amounts of money mean lawful currency of Canada; and
- (f) an accounting term has the meaning assigned to it, and all accounting matters will be determined, in accordance with IFRS consistently applied.

2.2 Obligations and Exercise of Rights by the PA Parties

The obligations of the PA Parties under this Agreement will be several. Except as specifically provided for in this Agreement, the rights of the PA Parties under this Agreement will be jointly exercised by each of the PA Parties.

3. ROLE OF THE INDEPENDENT CERTIFIER

3.1 Engagement

The PA Parties hereby appoint the Independent Certifier, and the Independent Certifier hereby accepts such appointment, to carry out the Functions in accordance with this Agreement. The Independent Certifier will perform the Functions in accordance with this Agreement.

3.2 Acknowledgement by Independent Certifier

The Independent Certifier hereby acknowledges in favour of the PA Parties that it has received a copy of the Project Agreement and that it has received notice of Section 46 of the *Financial Administration Act* (Northwest Territories).

3.3 Standard of Care

The Independent Certifier will exercise the standard and skill, care and diligence in the performance of the Functions that would be expected of an expert professional experienced in providing services in the nature of the Functions for projects similar to the Project.

3.4 Duty of Independent Judgment

In exercising the Functions, the Independent Certifier will act:

- (a) impartially, honestly and independently;
- (b) reasonably and professionally; and

- (c) in a timely manner:
 - (1) in accordance with the times prescribed in this Agreement or the Project Agreement, as applicable; or
 - (2) where no times are prescribed, within 5 Business Days or such earlier time so as to enable the PA Parties to perform their respective obligations under the Project Agreement.

Although the Independent Certifier should take account of any opinions or representations made by the PA Parties, the Independent Certifier will not be bound to comply with any opinions or representations made by either of them in connection with any matter on which the Independent Certifier is required to exercise its professional judgment.

The Independent Certifier acknowledges that, as set out under the Project Agreement, the Independent Certifier's certifications will be final and binding on the PA Parties in respect of the issuance of the Certificate of Service Commencement, and that the Independent Certifier will use its best skill and judgment in providing the Functions and making any certifications. A PA Party may dispute any other decision made by the Independent Certifier, including any list of Deficiencies or list of incomplete Design and Construction that must be completed prior to Service Commencement.

3.5 Authority to Act

The Independent Certifier:

- (a) is an independent consultant and is not, and will not purport to be, a partner, joint venturer or agent of any PA Party;
- (b) other than as may be expressly set out in the Project Agreement, has no authority to give any directions to a PA Party or its officers, employees, contractors, consultants or agents; and
- (c) has no authority to waive or alter any terms of the Project Agreement, nor to discharge or release a PA Party from any of its obligations under the Project Agreement unless jointly agreed in writing by the PA Parties.

3.6 Knowledge of the PA Parties' Requirements

The Independent Certifier warrants that:

- (a) it has and will be deemed to have informed itself fully of the requirements of the Project Agreement;
- (b) it will inform itself fully of the requirements of such other documents and materials as may become relevant from time to time to the performance of the Functions;

- (c) without limiting Sections 3.6(a) or 3.6(b), it has and will be deemed to have informed itself fully of all time limits and other requirements for any Function which the Independent Certifier carries out under the Project Agreement and this Agreement;
- (d) it has and will be deemed to have informed itself fully of the nature of the work necessary for the performance of the Functions and the means of access to and facilities at the Existing Hospital, the Facility, the Lands and the Existing Hospital Lands, including restrictions on any such access or protocols that are required; and
- (e) it has satisfied itself as to the correctness and sufficiency of its proposal for the Functions and that the Fee covers the cost of complying with all of the obligations under this Agreement and of all matters and things necessary for the due and proper performance and completion of the Functions.

3.7 Co-ordination by Independent Certifier

The Independent Certifier will:

- (a) fully co-operate with the PA Parties;
- (b) carefully co-ordinate the Functions with the work and services performed by the PA Parties;
- (c) without limiting its obligations under Sections 3.4 and 3.7(b), perform the Functions so as to avoid unreasonably interfering with, disrupting or delaying the work and services performed by the PA Parties; and
- (d) provide copies to all PA Parties of all reports, communications, certificates and other documentation that it provides to any PA Party.

3.8 Conflict of Interest

The Independent Certifier warrants that:

- (a) at the date of signing this Agreement, no conflict of interest exists or is likely to arise in the performance of its obligations under this Agreement; and
- (b) if, during the term of this Agreement, any such conflict or risk of conflict of interest arises, the Independent Certifier will notify the PA Parties immediately in writing of that conflict or risk of conflict and take such steps as may be required by each of the PA Parties to avoid or mitigate that conflict or risk.

3.9 Independent Certifier Personnel

- (a) Subject to Section 3.9(b), the Independent Certifier will use the partners, directors or employees described in Schedule 3 [Independent Certifier Personnel] of this Agreement in connection with the performance of the Functions and such persons' services will be available for so long as may be necessary to ensure the proper performance by the

Independent Certifier of the Functions. Such persons will have full authority to act on behalf of the Independent Certifier for all purposes in connection with this Agreement.

- (b) None of the persons listed in Schedule 3 [Independent Certifier Personnel] will be removed or replaced unless he/she ceases to work as a partner in or director or employee of the Independent Certifier or he/she is unable to work because of death or illness. The Independent Certifier will notify the PA Parties of any such circumstances and will be responsible for finding a replacement who will previously have been approved in writing by the PA Parties.

4. ROLE OF THE PA PARTIES

4.1 Assistance

The PA Parties agree to co-operate with and provide reasonable assistance to the Independent Certifier to familiarize the Independent Certifier with all necessary aspects of the Project to enable the Independent Certifier to carry out its obligations under this Agreement.

4.2 Instructions in Writing

All instructions to the Independent Certifier by the PA Parties will be given in writing.

4.3 Information and Services

The PA Parties will each make available to the Independent Certifier, as soon as practicable from time to time, all information, documents and particulars necessary for the Independent Certifier to carry out the Functions, including such information, documents and particulars required in order for the Independent Certifier to determine whether the criteria for Service Commencement have been achieved, and will provide copies of all such information, documents and particulars to the other PA Party.

4.4 Additional Information

If any information, documents or particulars are reasonably required to enable the Independent Certifier to perform the Functions and have not been provided by Project Co or the Authority, as the case may be, then:

- (a) the Independent Certifier will give notice in writing to Project Co's Design and Construction Representative or the Authority's Design and Construction Representative, as the case may be, of the details of the information, documents or particulars demonstrating the need and the reasons why they are required; and
- (b) Project Co or the Authority, as the case may be, will arrange the provision of the required information, documents or particulars.

4.5 Right to Enter and Inspect

Upon giving reasonable notice to Project Co's Design and Construction Representative, the Independent Certifier (and any person authorized by it) may enter and inspect the Lands, the Existing Hospital Lands,

the Existing Hospital, the Facility and work in progress at any reasonable time in connection with the exercise or proposed exercise of rights under this Agreement, subject to:

- (a) observance of the reasonable rules of Project Co as to safety and security for the Lands, the Existing Hospital Lands, the Existing Hospital, the Facility and work in progress;
- (b) not causing unreasonable delay to the carrying out of the Construction by reason of its presence at the Lands, the Existing Hospital Lands, the Existing Hospital or the Facility; and
- (c) not causing any damage to the Lands, the Existing Hospital Lands, the Existing Hospital, the Facility or work in progress.

4.6 PA Parties Not Relieved

Neither PA Party will be relieved from performing or observing its obligations, or from any other liabilities, under the Project Agreement as a result of either the appointment of, or any act or omission by, the Independent Certifier.

4.7 PA Parties not Liable

On no account will a PA Party be liable to another PA Party for any act or omission by the Independent Certifier whether under or purportedly under a provision of the Project Agreement, this Agreement or otherwise, provided that any such act or omission will not extinguish, relieve, limit or qualify the nature or extent of any right or remedy of either PA Party against or any obligation or liability of either PA Party to the other PA Party which would have existed regardless of such act or omission.

5. SUSPENSION

5.1 Notice

The Functions (or any part) may be suspended at any time by the PA Parties:

- (a) if the Independent Certifier fails to comply with its obligations under this Agreement, immediately by the PA Parties giving joint notice in writing to the Independent Certifier; or
- (b) in any other case, by the PA Parties giving 5 Business Days joint notice in writing to the Independent Certifier.

5.2 Costs of Suspension

The Independent Certifier will:

- (a) subject to the Independent Certifier complying with Section 8, be entitled to recover the extra costs incurred by the Independent Certifier by reason of a suspension directed under Section 5.1(b) valued as a Functions Variation under Section 8; and

- (b) have no entitlement to be paid any costs, expenses, losses or damages arising from a suspension under Section 5.1(a).

5.3 Recommencement

The Independent Certifier will immediately recommence the carrying out of the Functions (or any part) on receipt of a joint written notice from the PA Parties requiring it to do so.

6. INSURANCE AND LIABILITY

6.1 Independent Certifier's Professional Indemnity Insurance

- (a) The Independent Certifier will, at its cost, have in place:
 - (1) professional errors and omissions insurance:
 - (A) in the amount of [REDACTED] per claim and in the aggregate, a deductible of not more than [REDACTED] per claim and from an insurer and on terms satisfactory to each of the PA Parties;
 - (B) with a term and extended reporting period from the date of this Agreement until the expiration of 2 years from the cessation of the Functions; and
 - (C) covering liability which the Independent Certifier might incur as a result of a breach by it of its obligations or any breach of a duty owed by the Independent Certifier in a professional capacity to the PA Parties, or either of them, under or in connection with this Agreement or the provision of the Functions; and
 - (2) at all times during the term of this Agreement, comprehensive general liability insurance in the amount of [REDACTED] per claim and in the aggregate, no deductible for personal injury or bodily injury, a deductible of not more than [REDACTED] per occurrence for property damage, naming the Authority as an additional insured and from an insurer and on terms satisfactory to each of the PA Parties.
- (b) The Independent Certifier will:
 - (1) ensure that each of the insurance policies described in Section 6.1(a):
 - (A) bears an endorsement to the effect that the insurer will not effect any adverse material change or amendment to the policy or any cancellation of the policy without first giving at least 30 Business Days prior written notice by registered mail to the Authority; and
 - (B) is obtained and maintained with reputable and Qualified Insurers licensed in the Northwest Territories; and

- (2) provide copies of each of the insurance policies described in Section 6.1(a) to each of the PA Parties upon request.

6.2 Workers' Compensation Insurance

The Independent Certifier will, at its own cost and at all times during the term of this Agreement, insure its liability (including its common law liability) as required under any applicable workers compensation statute or regulation in relation to its employees engaged in the Functions.

7. PAYMENT FOR SERVICES

7.1 Fee

- (a) In consideration of the Independent Certifier performing the Functions in accordance with this Agreement, the PA Parties will pay the Independent Certifier the Fee.
- (b) The Fee includes all taxes (except for GST), disbursements and expenses (including accommodation, car rental, equipment and travel expenses), overheads and profit to perform the Functions.

7.2 Payment of Fee

- (a) The PA Parties will each pay half the Fee to the Independent Certifier in accordance with the payment schedule specified in Schedule 2 [Fee]. The obligation on Project Co and the Authority to each pay half of the Fee to the Independent Certifier is not subject to joint and severable liability and neither the Authority nor Project Co will have any liability whatsoever for the non-payment by the other of any fees or costs payable by such other party under this Agreement.
- (b) Project Co acknowledges and agrees that if any amount due and payable by Project Co to the Independent Certifier is outstanding, the Independent Certifier will not have any obligation to Project Co to make any certification under the Project Agreement.

8. FUNCTIONS VARIATIONS

8.1 Notice of Functions Variation

- (a) If the Independent Certifier believes, other than a "Functions Variation Order" under Section 8.3, that any direction by the PA Parties constitutes or involves a Functions Variation it will:
 - (1) within 5 Business Days after receiving the direction and before commencing work on the subject matter of the direction, give notice to the PA Parties that it considers that the direction constitutes or involves a Functions Variation; and
 - (2) within 15 Business Days after giving the notice under Section 8.1(a)(1), submit a written claim to each of the Authority's Design and Construction Representative and Project Co's Design and Construction Representative which includes

detailed particulars of the claim, the amount of the claim and how it was calculated.

- (b) Regardless of whether the Independent Certifier considers that such a direction constitutes or involves a Functions Variation, the Independent Certifier will continue to perform the Functions in accordance with this Agreement and all directions, including any direction in respect of which notice has been given under this Section.

8.2 No Adjustment

If the Independent Certifier fails to comply with Section 8.1, the Fee will not be adjusted as a result of the relevant direction.

8.3 Functions Variation Procedure

- (a) The Authority's and Project Co's Design and Construction Representatives may jointly issue a document titled "Functions Variation Price Request" to the Independent Certifier which will set out details of a proposed Functions Variation which the PA Parties are considering.
- (b) Within 7 Business Days after the receipt of a "Functions Variation Price Request", the Independent Certifier will provide each of the Authority's and Project Co's Design and Construction Representatives with a written notice in which the Independent Certifier sets out the effect which the proposed Functions Variation will have on the Fee.
- (c) Each of the Authority's and Project Co's Design and Construction Representatives may then jointly direct the Independent Certifier to carry out a Functions Variation by written document titled "Functions Variation Order" which will state either that:
 - (1) the Fee is adjusted as set out in the Independent Certifier's notice; or
 - (2) the adjustment (if any) to the Fee will be determined under Section 8.4.

8.4 Cost of Functions Variation

- (a) Subject to Section 8.2, the Fee will be adjusted for all Functions Variations or suspensions under Section 5.1(b) carried out by the Independent Certifier by:
 - (1) the amount (if any) stated in the "Functions Variation Order" in accordance with Section 8.3(c);
 - (2) if Section 8.4(a)(1) is not applicable, an amount determined pursuant to the fee schedule for Functions Variations in Schedule 2 [Fee]; or
 - (3) where such rates or prices are not applicable, a reasonable amount to be agreed between the PA Parties and the Independent Certifier or, failing agreement, determined by the Authority's and Project Co's Design and Construction Representatives jointly, acting reasonably.

- (b) Any reductions in the Fee will be calculated on the same basis as any increases.

9. TERM AND TERMINATION

9.1 Term

Subject to earlier termination, this Agreement will commence on the date first written above and continue in full force until:

- (a) 45 Business Days after the Service Commencement Date; or
- (b) such later date as may be mutually agreed between the PA Parties and the Independent Certifier.

9.2 Notice of Breach

If the Independent Certifier commits a breach of this Agreement, the PA Parties may give written notice to the Independent Certifier:

- (a) specifying the breach; and
- (b) directing its rectification in the period specified in the notice being a period not less than 5 Business Days from the date of service of the notice.

9.3 Termination for Breach

If the Independent Certifier fails to rectify the breach within the period specified in the notice issued under Section 9.2, the PA Parties may, without prejudice to any other rights of the PA Parties or either of them, immediately terminate this Agreement.

9.4 Termination for Financial Difficulty

The PA Parties may, without prejudice to any other rights which the PA Parties or either of them may have, terminate this Agreement immediately if:

- (a) events have occurred or circumstances exist which, in the opinion of the PA Parties, may result in or have resulted in insolvency or the control of the Independent Certifier passing to another body or corporation; or
- (b) the Independent Certifier has communications with its creditors with a view to entering into, or enters into, any form of compromise, arrangement or moratorium of any debts whether formal or informal, with its creditors.

9.5 Termination for Convenience

Notwithstanding anything to the contrary in this Agreement, the PA Parties may at any time terminate this Agreement upon 30 days written notice to the Independent Certifier.

9.6 Independent Certifier's Rights upon Termination for Convenience

Upon a termination under Section 9.5, the Independent Certifier will:

- (a) be entitled to be reimbursed by the PA Parties for the value of the Functions performed by it to the date of termination; and
- (b) not be entitled to any damages or other compensation in respect of the termination and (without limitation) any amount in respect of:
 - (1) the lost opportunity to earn a profit in respect of the Functions not performed at the date of termination; and
 - (2) any lost opportunity to recover overheads from the turnover which would have been generated under this Agreement but for it being terminated.

9.7 Procedure upon Termination

Upon completion of the Independent Certifier's engagement under this Agreement or earlier termination of this Agreement (whether under Sections 9.3, 9.4 or 9.5 or otherwise) the Independent Certifier will:

- (a) co-operate with the PA Parties;
- (b) hand to the PA Parties all Project Material and all other information concerning the Project held or prepared by the Independent Certifier; and
- (c) as and when required by the PA Parties, meet with them and such other persons nominated by them with a view to providing them with sufficient information to enable the PA Parties to execute the Project or the persons nominated to provide the Functions.

9.8 Effect of Termination

Except as otherwise expressly provided in this Agreement, termination of this Agreement will be without prejudice to any accrued rights and obligations under this Agreement as at the date of termination (including the right of Project Co and the Authority to recover damages from the Independent Certifier).

9.9 Survival

Termination of this Agreement will not affect the continuing rights and obligations of Project Co or the Authority and the Independent Certifier under Sections 6, 7, 9.6, 9.7, 9.8, 10, 11.7, 11.8 and this Section 9.9 or under any other Section which is expressed to survive termination or which is required to give effect to such termination or the consequences of such termination.

10. INDEMNITY

10.1 Indemnity

The Independent Certifier will indemnify and save harmless the PA Parties, and each of them, and their respective employees, agents, officers and directors from and against any and all losses incurred or suffered by any of them by reason of, resulting from, in connection with, or arising out of:

- (a) the breach of any representation, warranty, covenant, term, duty or obligation of the Independent Certifier set out in or arising under this Agreement or the Project Agreement; or
- (b) any act or omission of the Independent Certifier in connection with the subject matters of this Agreement.

11. GENERAL

11.1 Entire Agreement

This Agreement and the Project Agreement constitute the entire agreement between the PA Parties and the Independent Certifier and supersede all communications, arrangements and agreements, either oral, written, made or entered into prior to the date of this Agreement between the PA Parties and the Independent Certifier with respect to the subject matter of this Agreement.

11.2 Negation of Employment

- (a) The Independent Certifier, its officers, employees, servants and agents and any other persons engaged by the Independent Certifier in the performance of the Functions will not by virtue of this Agreement or the performance of the Functions become in the service or employment of the PA Parties for any purpose.
- (b) The Independent Certifier will be responsible for all matters requisite as employer or otherwise in relation to such officers, employees, servants and agents and other persons who are engaged by the Independent Certifier.

11.3 Waiver

Failure by any PA Party or the Independent Certifier to enforce a provision of this Agreement will not be construed as a waiver by that PA Party or the Independent Certifier of any right in respect of that provision, or any other provisions of this Agreement.

11.4 Notices

Any document which is to be or may be issued or given to or served upon Project Co, the Authority or the Independent Certifier under this Agreement will be deemed to have been sufficiently issued or given to or served if:

- (a) it is delivered or sent by commercial courier, upon receipt;

(b) if delivered by electronic mail during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt, and if not delivered during business hours, upon the commencement of business hours on the next Business Day provided that:

- (1) the receiving party has, by electronic mail or by hand delivery, acknowledged to the notifying party that it has received such notice; or
- (2) within 24 hours after sending the notice, the notifying party has also delivered a copy of such notice to the receiving party by hand delivery,

to the addresses set out below:

(3) if to Project Co: Boreal Health Partnership
c/o Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6

[REDACTED] [REDACTED]
[REDACTED] [REDACTED]

with copy to: HOCHTIEF Boreal Health Partner Inc.
2 Bloor Street East, Suite 701
Toronto, ON M4W 1A8

[REDACTED] [REDACTED]
[REDACTED] [REDACTED]
[REDACTED] [REDACTED]

with copy to: Bird Capital Limited Partnership
Suite 400, 5700 Explorer Drive
Mississauga, ON L4W 0C6

[REDACTED] [REDACTED]
[REDACTED] [REDACTED]

with copy to:

[REDACTED]
[REDACTED] [REDACTED]
[REDACTED] [REDACTED]

(4) if to the Authority: The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9

[REDACTED] [REDACTED]
[REDACTED] [REDACTED]

- (5) if to the Independent Certifier: BTY Consultancy Group Inc.
2288 Manitoba Street,
Vancouver, BC V5Y 4B5

[REDACTED]

- (c) Any party may change its address for notice by notice given to the other parties in accordance with this Section.

11.5 Transfer and Assignment

- (a) The Independent Certifier:
- (1) will not assign, transfer, mortgage, charge or encumber any right or obligation under this Agreement without the prior written consent of the PA Parties, which each PA Party may give or withhold in its absolute discretion; and
 - (2) agrees that any assignment, transfer, mortgage, charge or encumbrance will not operate to release or discharge the Independent Certifier from any obligation or liability under this Agreement.
- (b) For the purposes of this Section, an assignment will be deemed to have occurred where there is a Change In Control of the Independent Certifier after the date of this Agreement.
- (c) Each of the PA Parties may assign, transfer, mortgage, charge or encumber any right or obligation under this Agreement in accordance with the terms of the Project Agreement.

11.6 Governing Laws and Attornment

This Agreement will be governed by and construed in accordance with the laws of the Northwest Territories and the federal laws of Canada applicable therein without regard to conflicts of law principles that would apply a different body of law, and the Authority, Project Co and the Independent Certifier hereby irrevocably submit and attorn to the exclusive jurisdiction of the courts of the Northwest Territories and all courts competent to hear appeals therefrom with respect to any action, suit, proceeding or dispute in connection with this Agreement.

11.7 Confidentiality

- (a) The Independent Certifier will ensure that:
- (1) neither it nor any of its officers, employees, servants and agents disclose, or otherwise make public, any Project Material or any other information or material acquired in connection with or during the performance of the Functions without prior written approval of the PA Parties; and

- (2) no Project Material is used, copied, supplied or reproduced for any purpose other than for the performance of the Functions under this Agreement.
- (b) The PA Parties may at any time require the Independent Certifier to give and to arrange for its officers, employees, servants and agents engaged in the performance of the Functions to give written undertakings, in the form of confidentiality agreements on terms required by the PA Parties, relating to the non-disclosure of confidential information, in which case the Independent Certifier will promptly arrange for such agreements to be executed and delivered.

11.8 Project Material

- (a) The PA Parties and the Independent Certifier agree that the Independent Certifier does not and will not have any rights, including any Intellectual Property, in any Project Material provided to the Independent Certifier or created or required to be created by any PA Party.
- (b) All title and ownership, including all Intellectual Property, in and to the Project Material created or required to be created by the Independent Certifier as part of, or for the purposes of performing the Functions, is hereby assigned jointly to the Authority and Project Co on creation, or where such title, ownership and Intellectual Property cannot be assigned before creation of the Project Material, it will be assigned to the Authority and Project Co on creation. In addition, to the extent that copyright may subsist in such Project Material so created by the Independent Certifier, the Independent Certifier hereby waives all past, present and future moral rights therein and the Independent Certifier will ensure that any agent or employee of Independent Certifier will have waived all such moral rights.
- (c) The Independent Certifier will do all such things and execute all such documents as reasonably requested by either of the PA Parties in order to confirm or perfect the assignment of Intellectual Property in the Project Material referred to in Section 11.8(b).

11.9 Time of the Essence

Time will be of the essence of this Agreement and of the transactions contemplated by this Agreement.

11.10 Amendment

No change or modification of this Agreement will be valid unless it is in writing and signed by each party to this Agreement.

11.11 Severability

If any provision of this Agreement will be declared invalid, unenforceable or illegal by the courts of any jurisdiction to which it is subject, such provision may be severed and such invalidity, unenforceability or illegality will not prejudice or affect the validity, enforceability or legality of the remaining provisions of this Agreement.

11.12 Enurement

Subject to the restrictions on transfer contained in this Agreement, this Agreement will enure to the benefit of and be binding on the parties and their respective heirs, executors, administrators, successors and assigns.

11.13 Counterparts

This Agreement may be executed in any number of counterparts and all counterparts taken together will constitute one and the same instrument.

IN WITNESS WHEREOF the Authority, Project Co and the Independent Certifier have executed this Agreement.

**THE GOVERNMENT OF THE NORTHWEST
TERRITORIES**

By: _____
Name:
Title:

BOREAL HEALTH PARTNERSHIP, by its general partners:

CARILLION BHP (STH) GP HOLDINGS INC.,

by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

BIRD CAPITAL (STH) GP HOLDINGS INC.,

by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

HOCHTIEF BOREAL HEALTH PARTNER INC.,

by its authorized signatory:

Per: _____
Name:
Title:

BTY CONSULTANCY GROUP INC.

By: _____

Name:

Title:

By: _____

Name:

Title:

SCHEDULE 1

FUNCTIONS

The Independent Certifier will, subject to the provisions of the Project Agreement, provide the services as set out below. In the event of a conflict between any provision of this Agreement, including this Schedule 1, and a provision of the Project Agreement, the Project Agreement will prevail.

- (a) The Independent Certifier will:
- (1) consult with the Design-Builder and others involved in the Design;
 - (2) conduct inspections of the Construction; and
 - (3) conduct inspections of the Initial Remediation Work,
- as the Independent Certifier determines is required for purposes of the Independent Certifier's functions under the Project Agreement and, no later than the 10th Business Day of each month, prepare and deliver to the Authority and Project Co a monthly written report containing a description of:
- (4) the Design and Construction and, if applicable, Initial Remediation Work completed in the previous month; and
 - (5) the progress of the Design and Construction and, if applicable, Initial Remediation Work relative to the Updated Project Schedule, with an overview analysis of any variances; and
 - (6) a description of any elements of the Facility that for any reason vary from the requirements of the Project Agreement, with particular reference to Schedule 2 [Design and Construction Protocols] and Schedule 3 [Design and Construction Specifications] of the Project Agreement.
- (b) The Independent Certifier will provide payment certification services in respect of the Design-Build Agreement and Sub-Contracts for parts of the Construction. This includes certifying completion of Sub-Contracts for progressive release of lien holdbacks as permitted under the *Mechanics Lien Act* (Northwest Territories).
- (c) The Independent Certifier will, in cooperation with Project Co's Design and Construction Representative and the Authority's Design and Construction Representative with respect to an application for a Certificate of Service Commencement, review and comment on the list of Service Commencement Deficiencies.
- (d) No later than 5 Business Days after application by Project Co for a Certificate of Service Commencement, the Independent Certifier will, in cooperation with Project Co's Design and Construction Representative and the Authority's Design and Construction Representative, make an inspection of the Facility, review the basis for Project Co's

application for Service Commencement, and then within a further 5 Business Days after such inspection and review:

- (1) if Service Commencement has been achieved, issue a Certificate of Service Commencement, together with comments on the list of Service Commencement Deficiencies (if any) and attaching a copy of the list of Service Commencement Deficiencies; or
 - (2) if Service Commencement has not been achieved, provide Project Co and the Authority's Design and Construction Representative with a list of all incomplete Design and Construction that must be completed prior to Service Commencement.
- (e) During the Initial Remediation Work Period, the Independent Certifier will provide certification services in respect of the Initial Remediation Work and, in accordance with the principles of Schedule 2 [Design and Construction Protocols] of the Project Agreement, will certify that the Initial Remediation Work has been substantially performed for the purposes of the *Mechanics Lien Act* (Northwest Territories).
- (f) During the Operating Period, the Independent Certifier will verify whether Project Co has obtained Fair Market Rates for all work, equipment and materials required to implement a Change in accordance with Schedule 6 [Changes].

SCHEDULE 2

FEE

Category	Cost (\$)
Upfront Project Review & Orientation	■
General Services (fixed fee per month)	■
Delivery of Service Commencement	■
Disbursements (fixed fee per month)	■

For additional services on an hourly basis

Category	Cost (\$)
Principal	■
Principal working as a Senior QS	■
Senior QS	■
Intermediate QS	■
Junior QS	■

SCHEDULE 3

INDEPENDENT CERTIFIER PERSONNEL

██████████

Director in Charge

██████████████████

Independent Certifier (IC Team Lead)

██████████

IC Team Member – Building Services

██████████████████

IC Team Member – Peer Review

**APPENDIX 2B
USER CONSULTATION AND DESIGN REVIEW**

for the Stanton Territorial Hospital Project

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APPENDIX 2B

USER CONSULTATION AND DESIGN REVIEW

1 SUBMITTALS

Except as expressly set out otherwise in this Agreement, the provisions of this Appendix 2B will apply to any and all drawings, specifications or other documents (“**Submittals**”) required or specified by this Agreement, including Section 5.4 (Design Process) of Schedule 2 [Design and Construction Protocols], in respect of the Design and the Construction to be submitted to, reviewed, accepted or otherwise processed by the Authority prior to Service Commencement or after Service Commencement in respect of the completion of Deficiencies, including any and all subsequent revisions, amendments and changes thereto.

1.1 SUBMITTAL SCHEDULE

- 1.1.1 The schedule for Submittals (the “**Submittal Schedule**”) is attached as Attachment 1 to this Appendix. The Submittal Schedule may be amended by agreement of the parties in accordance with the terms of this Section 1.1.
- 1.1.2 Any amendment to the Submittal Schedule will provide for a progressive and orderly flow of Submittals from Project Co to the Authority as appropriate to allow sufficient time for review of each Submittal by the Authority, taking into account both the resources necessary to be available to the Authority to conduct such review (as anticipated by or inferred from the Submittal Schedule attached as Attachment 1 to this Appendix) and consultation with the User Consultation Groups.
- 1.1.3 Unless a longer period is required by this Agreement or is otherwise reasonably required by the Authority, the Authority will have 15 Business Days for review of a Submittal from the date the Authority received the Submittal. If the Submittal Schedule is inconsistent with the foregoing review period then it will be deemed to be amended to be consistent. If the Authority receives a Submittal after 12pm (Pacific time) on a Business Day, the 15 Business Day review period will commence on the next Business Day.
- 1.1.4 Project Co will, in scheduling Submittals and consultations with the User Consultation Group, and in the performance of the Design and the Construction, allow adequate time prior to performing the Design and the Construction that is the subject of the Submittals, for review of the Submittals by the Authority and the User Consultation Group as applicable, and for Project Co to make changes to the Submittals, the Design and the Construction as may be required to account for any comments received from the Authority and the User Consultation Group.
- 1.1.5 If the Submittal Schedule indicates that a large number of Submittals will be made at one time, the Authority may, acting reasonably, request a longer period for review or a staggering of the Submittals, and Project Co will, acting reasonably, revise the Submittal Schedule accordingly, taking into account both the availability of resources required by the Authority to conduct such review and the availability of the User Consultation Groups and whether delay in the review of the subject matter of the Submittal will have a material impact on Project Co’s ability to progress future anticipated Submittals and the Design or Construction in accordance with the Project Schedule.
- 1.1.6 Project Co will submit the then current Submittal Schedule to the Authority on a monthly basis until the Service Commencement Date. All amended Submittal Schedules will be required to meet all the requirements of this Section 1.1.
- 1.1.7 Project Co will submit all Submittals to the Authority in accordance with the then current Submittal Schedule.
- 1.1.8 Project Co will bear the risk of delays and additional costs caused as a result of the late submission of Submittals to the Authority, by Submittals which are rejected or required to be corrected and re-submitted in accordance with the terms of this Appendix 2B, or by changes in the Design and Construction required as a result of comments made pursuant to this Appendix 2B.

1.2 GENERAL REQUIREMENTS FOR SUBMITTALS

1.2.1 Unless otherwise specified by the Authority, Project Co will:

1.2.1.1 deliver 5 printed copies of each Submittal to the Authority, together with electronic copies as follows:

1.2.1.1.(1) submit two dimensional drawings in both Autodesk Design Review 'DWF' and Adobe Reader 'PDF' format; and

1.2.1.1.(2) submit the three dimensional combined model referred to in Section 5.5 (Building Information Modeling) of Schedule 2 in NavisWorks Freedom 'NWD'

1.2.1.1.(3) e-transmit the detached 3D models (Project Co will advise the Authority before the first Submittal which format Project Co will be using and then will use that format at all times during the Project.);

1.2.1.2 post an electronic copy of each Submittal (in a format acceptable to the Authority) on an internet-based system that is established by Project Co for the Project and accessible to Authority staff.

1.2.2 All Submittals will be in English.

1.2.3 All Submittals required by this Agreement, by applicable Law or Good Industry Practice to be signed or sealed by persons with professional designations (including where applicable by registered professional architects or engineers) will be so signed and, where applicable, sealed.

1.2.4 All Submittals will refer to the relevant provisions of the Design and Construction Specifications, the Services Protocols and Specifications (if applicable) and to any matter that has previously been subject to review. All Submittals (or covering documentation delivered with the Submittals) will include a statement confirming that the Submittals comply with, or identifying any elements of the Facility that for any reason vary from, the requirements of the Project Agreement, with particular reference to Schedule 2 [Design and Construction Protocols] and Schedule 3 [Design and Construction Specifications].

1.2.5 All Submittals will be clearly identified as a Submittal and will be delivered with appropriate covering documentation, which will include:

1.2.5.1 a list of all attached Submittals;

1.2.5.2 a description of:

1.2.5.2.(1) the purpose of the Submittal(s) (including whether the Submittal is being submitted for review by the User Consultation Group for review under Section 1.4 (Review Procedure) of this Appendix or for other purposes);

1.2.5.2.(2) the specific item or items in the Submittal that is subject to review by the Authority or the User Consultation Group; and

1.2.5.2.(3) Project Co's expectations for the Authority's review of the Submittal and Project Co's proposed course of action relating to the Submittal and the Design and the Construction that are the subject of the Submittal;

1.2.5.3 if the Submittal is submitted as part of the Design phases described in Section 5.4 (Design Process) of Schedule 2 [Design and Construction Protocols], a report for the Submittal including the information described in Section 5.4.(c).10 of Schedule 2 as applicable to that Submittal;

1.2.5.4 for each Submittal:

- 1.2.5.4.(1) the document number(s) or drawing number(s);
- 1.2.5.4.(2) revision numbers (if applicable);
- 1.2.5.4.(3) document or drawing title(s);
- 1.2.5.4.(4) name of entity that prepared the Submittal;
- 1.2.5.4.(5) the Submittal history showing date and delivery information and/or log number of all previous submissions of that Submittal; and
- 1.2.5.4.(6) identification of any previous Submittal superseded by the current Submittal.

1.2.6 Project Co will compile and maintain a register of the date, contents and status of the submission of all Submittals, including the date of receipt and content of all returned Submittals and comments thereon.

1.3 USER CONSULTATION PROTOCOL

- 1.3.1 Project Co acknowledges that review of the Design by the Authority and consultation with the Facility Users is an essential step in the completion of the detailed design of the Facility. Accordingly, Project Co will conduct consultations with the User Consultation Groups as described in this Appendix 2B. The Authority will make reasonable efforts, as requested by Project Co, to assist and support Project Co with the consultation process, but nothing in this Section 1.3 (User Consultation Protocol) will be interpreted to give the Authority responsibility for the Design, the Design schedule or the user consultation process.
- 1.3.2 The Authority will establish User Consultation Groups that may include clinical Facility Users (such as physicians and nurses) and technical Facility Users (such as staff from the following Authority departments: facility planning, information management and information technology, security, infection control, ergonomics, logistics, housekeeping, food services, laundry, foundation, switchboard, fire, ambulance, RCMP, the City and staff from various departments who will be responsible for the various types of Equipment included in the Facility). The Authority may also from time to time include patients, families and neighbours in the user consultation process. *[Note: Refer Attachment 2 to this Appendix.]*
- 1.3.3 Unless agreed by the Authority, all aspects of the Design will be subject to review by one or more User Consultation Groups.
- 1.3.4 The User Consultation Groups will include a User Consultation Group designated as the “**Core User Group**” with responsibility for coordinating the Design review process with Project Co.
- 1.3.5 Unless otherwise agreed, Submittals will be provided and reviewed in accordance with the following:
- 1.3.5.1 Draft Submittal to the Authority:
- 1.3.5.1.(1) Project Co will provide a draft Submittal as indicated on the Submittal Schedule that includes all relevant material with a covering transmittal indicating the purpose of the Submittal, and the information that should be reviewed by the Authority and the User Consultation Groups.
- 1.3.5.1.(2) All changes from a previous Submittal should be clearly indicated in accordance with Section 1.10 (Revisions) of this Appendix 2B.
- 1.3.5.2 User Group Consultation:
- 1.3.5.2.(1) One week following the draft Submittal, Project Co will present the relevant material at a meeting of the relevant User Consultation Group(s).
- 1.3.5.2.(2) The presentation will be made in person by the Architect or, if the Authority agrees, the Design-Builder’s engineer or other subject matter expert.
- 1.3.5.2.(3) Project Co’s presentation will include a page-by-page review of the draft Submittal.
- 1.3.5.2.(4) Project Co, the Design-Builder and a representative of the Service Provider must be in attendance, preferably in person but teleconference is acceptable.

- 1.3.5.2.(5) During the presentation, a representative of Project Co will take “live minutes” so that all parties can agree on the content of the minutes during the meeting. Project Co will circulate the minutes immediately after the meeting to all parties and within 3 Business Days Project Co must circulate formal minutes for review. If the Authority notifies Project Co of any errors in the minutes, Project Co will correct such errors within 3 Business Days of the Authority’s notice.
- 1.3.5.3 Informal Comments from the Authority:
- 1.3.5.3.(1) The Authority will provide any informal feedback through to Project Co.
- 1.3.5.3.(2) The Authority will provide additional informal feedback within one week after the presentation, unless the Authority advises Project Co in writing. The period will not exceed two weeks unless agreed with Project Co.
- 1.3.5.4 Formal Submittal to the Authority:
- 1.3.5.4.(1) Project Co will make the formal Submittal within two weeks following the presentation (or one week after receiving additional informal feedback).
- 1.3.5.4.(2) If Project Co does not address the feedback received at the presentation or subsequently provided by the Authority in accordance with Section 1.3.5.3.(2), Project Co will provide commentary on the reasons for not addressing the feedback.
- 1.3.5.5 Formal Response from the Authority:
- 1.3.5.5.(1) The Authority will respond within 15 Business Days following the formal Submittal in accordance with this Appendix 2B.
- 1.3.5.6 The process set out in this Section 1.3 (User Consultation Protocol) will be set out in the Submittal Schedule.
- 1.3.5.7 The parties acknowledge that Design development is an iterative and interactive process and that additional User Consultation Group review and meetings may be required from those shown on the Submittal Schedule. The parties will co-operate to amend the Submittal Schedule as may be required from time to time to ensure that sufficient consultations with the User Consultation Group in relation to each component of the Design (and changes to the Design resulting from such consultations) are completed prior to Project Co making the formal Submittal.
- 1.3.5.8 The Authority and Project Co will not be bound by the consultations with the User Consultation Groups, unless reflected in the formal Submittal and comments from the Authority.
- 1.3.5.9 If Project Co considers that compliance with any comment raised by a User Consultation Group member would lead to a Change, Project Co will, before taking into account such comment or objection, notify the Authority. If it is agreed by the Authority that such comments or objections would lead to a Change then the procedure as detailed in Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply. In all cases, the parties will cooperate to identify potential alternative solutions to any comments or objections raised that would not lead to a Change.

1.3.5.10 The User Consultation Group consultation meetings will be held in Yellowknife, NWT.

1.4 **REVIEW PROCEDURE**

1.4.1 The Authority will review and respond to each Submittal in accordance with the applicable time periods set out in the Submittal Schedule (as may be amended from time to time in accordance with this Appendix).

1.4.2 Before commencing Construction of a particular component of the Project, Project Co will submit to the Authority a Submittal:

1.4.2.1 that fully addresses the User Group Consultation described in Section 1.3 (User Consultation Protocol) of this Appendix; and

1.4.2.2 describing that component, including all necessary Design and other information as the Authority may reasonably require, including any Design reports and calculations, reasonably necessary for the Authority to conduct an appropriate review to confirm that the Design described in the Submittal conforms to the requirements of this Agreement (including the Design and Construction Specifications and the Proposal Extracts (Design and Construction)).

1.4.3 Each time before Project Co submits a Submittal or package of Submittals to the Authority under Section 1.4.2 above, Project Co will meet with the Authority and make a presentation to the Authority regarding the content and purpose of the Submittal(s), carry out a page-by-page review of the Submittal(s) with the Authority and answer any questions the Authority may have in advance of its review.

1.4.4 The Authority will review Submittals submitted under Section 1.4.2 above and assign one of the following 4 comments:

1.4.4.1 "CORRECT DEFICIENCIES";

1.4.4.2 "REJECTED";

1.4.4.3 "NOT REVIEWED"; or

1.4.4.4 "REVIEWED"

1.4.5 The comment "REVIEWED" will be assigned to those Submittals that, in the opinion of the Authority, acting reasonably, appear to conform to the requirements of this Agreement, including the Design and Construction Specifications and the Proposal Extracts (Design and Construction).

- 1.4.6 The comment “CORRECT DEFICIENCIES” will be assigned to those Submittals that, in the opinion of the Authority, acting reasonably, appear to generally conform to the requirements of this Agreement, but in which minor deficiencies have been found and identified by the Authority’s review. Project Co will to the extent necessary correct these Submittals and provide a copy of such corrected Submittals to the Authority within 15 Business Days. Project Co may proceed on the portions of such Submittals that have not received comments but Project Co will not proceed on the portions of such Submittals that have received the comment “CORRECT DEFICIENCIES” until Project Co obtains a comment that permits Project Co to proceed. Project Co will correct, revise and resubmit Submittals as often as may be required to obtain a comment that permits Project Co to proceed. If at any time it is discovered that Project Co has not corrected the deficiencies on Submittals that were correctly stamped "CORRECT DEFICIENCIES", then Project Co will be required to modify the Submittals and the relevant Design and the Construction as required to correct the deficiencies and Project Co may be required, at the Authority’s discretion, acting reasonably, to resubmit relevant Submittals.
- 1.4.7 The comment “REJECTED” will be assigned to those Submittals that, in the opinion of the Authority, acting reasonably, contain significant deficiencies or do not generally conform with the requirements of this Agreement. Project Co will correct and re-submit these Submittals within 15 Business Days after the comment has been provided to Project Co. The Authority will then review such corrected Submittals and assign a comment to the corrected Submittal. Project Co will correct, revise and resubmit Submittals as often as may be required to obtain a comment that permits Project Co to proceed. Except with the written consent of the Authority, Project Co will not proceed with any Design or Construction to which such Submittals receiving the comment “REJECTED” relate until Project Co obtains a comment that permits Project Co to proceed.
- 1.4.8 The comment “NOT REVIEWED” may be assigned to those Submittals that have not been reviewed by the Authority in detail because, in the opinion of the Authority, acting reasonably, the Submittals do not comply with the requirements of this Appendix (including Section 1.4.2 above), are incomplete or otherwise insufficient for the purposes of a Design review, or are received by the Authority before the date scheduled in the Submittal Schedule. Project Co will correct and re-submit these Submittals within 15 Business Days or, if a later date is set out on the Submittal Schedule, by such later date. Project Co will correct, revise and resubmit Submittals as often as may be required to obtain a comment that permits Project Co to proceed. Project Co will not proceed with any Design or Construction to which such Submittals receiving the comment “NOT REVIEWED” relate until Project Co obtains a comment that permits Project Co to proceed.
- 1.4.9 The Authority may request additional time for the review of any Submittal, including where the Submittal is voluminous or requires extensive review by representatives (including consultants) of the Authority, and Project Co will, in consultation with the Authority, extend such time for any reasonable requests by the Authority.
- 1.4.10 If the Authority does not respond to a Submittal within the applicable time period for that Submittal as determined in accordance with Section 1.1.3 of this Appendix, the Submittal will be deemed “REVIEWED” and Project Co may proceed with and implement the Design and the Construction on the basis set forth in the applicable Submittal without any further action or documentation required.
- 1.4.11 Where the Authority issues the comment “CORRECT DEFICIENCIES”, “REJECTED” or “NOT REVIEWED” the Authority will provide reasons for the comment, referencing particulars of the Section(s) of the Agreement (including the Design and Construction Specifications) that the Submittal fails to satisfy, and if requested by Project Co, the Authority will meet with Project Co to discuss the reasons for the comment.

- 1.4.12 If at any time after assigning any comment to a Submittal or where Section 1.4.10 above has applied, the Authority or Project Co discovers deficiencies or any failure to conform to the requirements of this Agreement, the Authority or Project Co, as the case may be, will promptly notify the other party of such deficiencies or non-conformance and the Authority may revise the comment assigned to any Submittal. If the parties agree or it is determined in accordance with the Dispute Resolution Procedure that the revised comment is correct, Project Co will make all such corrections to the Submittals and the Design and the Construction.
- 1.4.13 For the purpose of facilitating and expediting the review and correction of Submittals, the Authority and Project Co's Design and Construction Representatives will meet as may be mutually agreed to discuss and review any outstanding Submittals and any comments thereon.
- 1.4.14 Where an individual Submittal item is voluminous, the Authority at its discretion may elect to stamp only the cover page or first sheet of the Submittal with the appropriate comment, if any, and return to Project Co the cover page or first page together with individual pages or sheets on which comments are made, together with an explanation of the status of all pages not returned to Project Co. Any pages not returned without such an explanation as to their status will be deemed to be "REVIEWED" by the Authority.
- 1.4.15 In lieu of returning a Submittal, the Authority may by letter notify Project Co of the comment assigned to the Submittal and if such comment is "CORRECT DEFICIENCIES", "REJECTED", or "NOT REVIEWED" the letter will contain comments in sufficient detail, including referencing applicable Section(s) of the Agreement, for Project Co to identify the correction sought.

1.5 **REVIEWED DRAWINGS AND SPECIFICATIONS**

- 1.5.1 The following Submittals will be deemed to be "**Reviewed Drawings and Specifications**":
- 1.5.1.1 Submittals which the Authority has marked as "REVIEWED" under Section 1.4.5 of this Appendix;
 - 1.5.1.2 portions of Submittals that Project Co may proceed with under Section 1.4.6 of this Appendix;
 - 1.5.1.3 Submittals which have been deemed "REVIEWED" by the Authority under Section 1.4.10 of this Appendix.
- 1.5.2 Project Co's Design and Construction Representative will deliver promptly one complete copy of the Reviewed Drawings and Specifications to the Independent Certifier.

1.6 **DISPUTES**

- 1.6.1 If Project Co disputes any comment issued by the Authority in respect of a Submittal made under Section 1.3 (User Consultation Protocol) of this Appendix, Project Co will promptly notify the Authority of the details of such Dispute and will submit the reasons why Project Co believes a different comment should be assigned, together with appropriate supporting documentation. The Authority will review the Submittal, the reasons and supporting documentation and within 7 Business Days after receipt thereof will either confirm the original comment or notify Project Co of a revised comment. Nothing in this Section 1.6 will limit either party's right to refer a Dispute to the Dispute Resolution Procedure.

1.7 **CHANGES**

1.7.1 If Project Co considers that compliance with any comment raised by the Authority in respect of a Submittal made under Section 1 of this Appendix would lead to a Change, Project Co will, before taking into account such comment, notify the Authority. If it is agreed by the Authority that such comment would lead to a Change then the procedure set out in Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply. If the parties are unable to reach agreement, then either party may refer the matter directly to the Referee in accordance with Schedule 13 [Dispute Resolution Procedure].

1.7.2 In all cases, the parties will cooperate to identify potential alternative solutions to any comments raised that would not lead to a Change.

1.8 **EFFECT OF REVIEW BY AUTHORITY**

1.8.1 For greater certainty, Section 2.5 (Authority Not Responsible for Design or Construction) of Schedule 2 [Design and Construction Protocols] applies to any review or comment by the Authority on any Submittal.

1.9 **SUBMITTAL MEETINGS AND EXPLANATIONS**

1.9.1 At any time, the Authority may, acting reasonably, require Project Co, including Project Co's consultants, Sub-Contractors, and any other relevant personnel, at no additional cost to the Authority, to meet with representatives of the Authority and its advisors to answer questions regarding Project Co's Submittals or to explain to the Authority and the Authority's advisors the intent of Project Co's Submittals, including in relation to any Design and any associated documentation and as to its satisfaction of the requirements of this Agreement (including the Design and Construction Specifications). Project Co will, and will cause its consultants, Sub-Contractors, and any other relevant personnel to, attend all meetings requested by the Authority and answer all questions asked by the Authority in accordance with this Section 1.9 as soon as practicable and in any event no later than 5 Business Days from the date it received the Authority's questions or such longer period as agreed by the parties.

1.10 **REVISIONS**

1.10.1 Project Co will ensure that Submittals keep the same, unique reference number throughout the review process, and that all subsequent revisions of the same Submittal are identified by a sequential revision number. Correspondence related to such Submittal will reference the reference number and revision number.

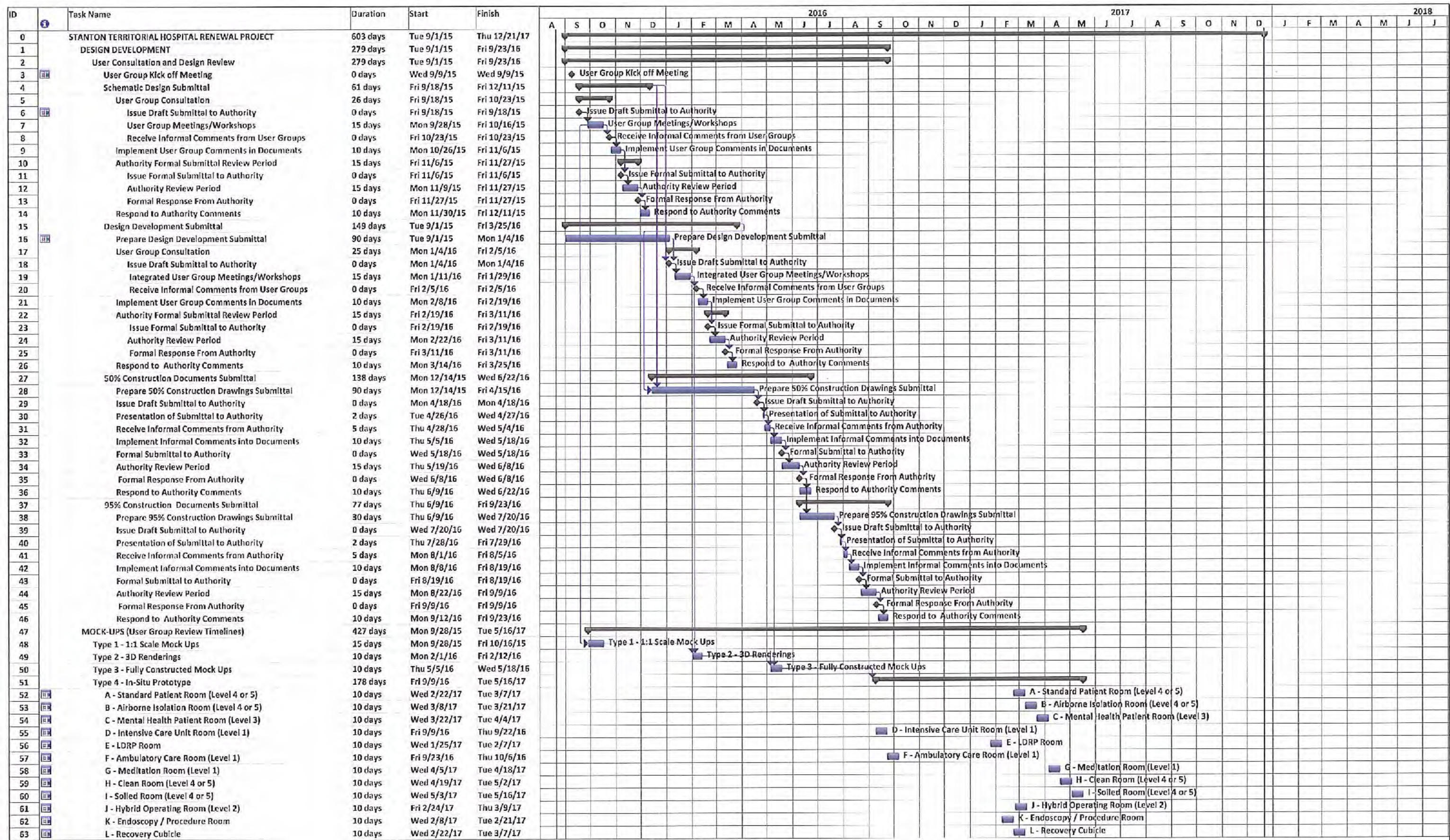
1.10.2 Re-submittals will clearly show all revisions from the previous Submittal. Bound documents, including reports and manuals, will contain a preface that clearly states how revisions are marked and the previous revision number against which the revisions have been marked. A consistent format for mark-ups of documents will be used (e.g. deletions struck out and additions underscored). Revised portions of drawings will be clearly marked (with appropriate means to visually distinguish between the parts of the drawing that are revised and the parts that are not revised) and the revision number and description of the revision will be included on the drawing.

1.10.3 All revisions on print media will be initialed by hand by the individual designer, design checker and, where applicable, by the drafter and the drafting checker and will identify the persons who initialed the Submittal. Electronic versions of the Submittal will identify the persons who initialed the revisions to the printed version of the Submittal.

1.10.4 Project Co will keep all Reviewed Drawings and Specifications current. If any Reviewed Drawings and Specifications are revised as part of a Submittal, all other Reviewed Drawings and Specifications relying on or based on that Reviewed Drawings and Specifications will also be revised accordingly. All such revised Reviewed Drawings and Specifications will also be submitted with the Submittal to which it relates.

ATTACHMENT 1
(APPENDIX 2B) SUBMITTAL SCHEDULE

See attached.



STHRP SUBMITTAL SCHEDULE

ATTACHMENT 2

(APPENDIX 2B) DRAFT USER GROUP CONSULTATION LIST

	User Group	
1	Diagnostic Imaging	
2	Cardiac & Respiratory Diagnostics	
3	Laboratory	
4	Ambulatory Care	
5	Northern Women's Health	
6	Medical Day Care	
7	Renal Unit	
8	Surgical and Day Procedures	
9	NOW	
10	Outpatient Rehab	
11	Emergency Department	
12	Intensive Care Unit	
13	General Medicine	
14	Psychiatry	
15	Obstetrics	
16	Pediatrics	
17	Pharmacy	
18	Executive	
19	Medical Affairs	
20	Health Records	
21	Information Services	
22	Housekeeping	
23	Materials Management	
24	Facility Maintenance and Operations	
25	Property and Program Services	
26	Food Services	
27	Medical Device Reprocessing	
28	Biomedical Engineering	
29	Inpatient Rehab	
30	Quality & Risk/Infection Control	
31	Staff Development	
32	Laundry	
33	General (for anything not specifically identified above) — comprised of SMC and key stakeholders or subject matter experts	

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ENERGY
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APPENDIX 2C

ENERGY

1. INTERPRETATION

1.1 Definitions

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Annual Energy Target” for an Energy Year means the amount determined pursuant to Section 4.2 of this Appendix, as adjusted pursuant to Section 4.3 of this Appendix;

“Average Unit Cost” for an Energy Year means the average cost to Project Co or the Authority, as the case may be, of each Gigajoule of Energy purchased by Project Co or the Authority for the Facility during that Energy Year, calculated in accordance with Section 5.1 of this Appendix;

“CaGBC Experienced Modellers List” means the most recent version of the Canada Green Building Council’s Experienced Modellers List
http://www.cagbc.org/AM/PDF/CaGBCs_Experienced_Modellers_List-EN.pdf;

“Cooling Degree Days” for a period means the figure obtained or calculated from the Weather Data for the Facility setting out the extent to which the average outdoor temperature during that period at the Lands was greater than a mean temperature of 18 degrees Celsius;

“Core Hours” means, in respect of the Facility, 24 hours per day, 7 days per week unless otherwise expressly provided in the Clinical Specifications;

“Design and Construction Energy Target” means the annual Targeted Energy Consumption included in the Preferred Proponent’s Proposal, and as enclosed in the Attachment 2 of this Appendix 2C;

“Energy” means Energy used in the Facility and created by, or produced from, electricity, thermal sources, steam, gas, oil, coal and any other fossil-based fuel or biomass, including wood products;

“Energy Analysis Report” means the report referred to as the “Energy Analysis Report” in Section 6.1 of this Appendix;

“Energy Consumption” for a period means the Gigajoules of Energy consumed at the Facility during that period;

“Energy Gainshare” means the amount calculated in accordance with Section 5.2 of this Appendix;

“Energy Monitoring Model” means a spreadsheet based model designed to enable adjustment of Energy Consumption data to reflect changes in weather, occupancy patterns, and other variables affecting Energy Consumption as set out in Section 4.1 of this Appendix;

“Energy Painshare” means the amount calculated in accordance with Section 5.3 of this Appendix;

“Energy Year” means:

- (a) the 12 month period beginning on the day after the Monitoring Period;
- (b) each subsequent period of 12 months during the Term; and
- (c) the period of less than 12 months from the end of the previous Energy Year to the Termination Date;

“Environmental Credit” means any income, credit, right, benefit or advantage relating to environmental matters including type and level of emissions, means of production of Energy, input sources and compliance with any environmental laws, regulations, rules or orders;

“Facility Operation Variances” means any material variances between the actual occupancy and usage of the Facility and the assumptions for occupancy and usage set out in the Design and Construction Specifications, the Reviewed Drawings and Specifications and the Proposal Extracts (Design and Construction) regarding the occupancy and usage of the Facility;

“Gigajoule” or **“GJ”** means the international system of units of Energy being 1,000,000,000 Joules;

“Heating Degree Days” for a period means the figure obtained or calculated from the Weather Monitoring Data for the Facility setting out the extent to which the average outdoor temperature during that period at the Lands was less than a mean temperature of 18 degrees Celsius;

“Independent Energy Consultant” means one or more individuals engaged jointly by Project Co and the Authority to complete the adjustments to the Energy target, described in Section 3.2 of this Appendix, and who are listed on the CaGBC Experienced Modellers List;

“Monitoring Period” means the period commencing on the Service Commencement Date and ending on the last day of the calendar month in which the second anniversary of the Service Commencement Date occurs;

“Non-Targeted Energy Consumption” means:

- (a) electrical Energy consumed by the Facility excluding electricity consumed by Targeted Electrical Components;
- (b) fuel use associated with the emergency use, or mandatory testing requirements, of the emergency generators;
- (c) Energy, if any, consumed for producing steam for sterilization; and
- (d) thermal Energy such as steam, hot water and domestic hot water used by food service equipment, laundry equipment and medical equipment.

“Site Weather Monitoring Station” means the weather monitoring stations operated by Environment Canada located at the Yellowknife Airport or, if data from either of those weather monitoring stations is unavailable, such other properly located and calibrated weather monitoring stations acceptable to each of Authority and Project Co, acting reasonably, or otherwise determined pursuant to Schedule 13 [Dispute Resolution Procedure];

“Targeted Electrical Components” means all:

- (a) hardwired interior and exterior lighting;
- (b) elevators; and
- (c) electrically operated HVAC systems and mechanical equipment, including pumps, fans, chillers, heat pumps, heating boilers, domestic hot water heaters, dehumidifiers, humidifiers and fan heaters;

“Targeted Energy Consumption” means Energy Consumption minus Non-Targeted Energy Consumption, such consumption to be calculated from the applicable BMS and metering systems;

“tCO₂e” means tonnes of carbon dioxide equivalent;

“Test Period” means the 12 month period commencing on the first day of the calendar month that is at least 6 months after the Service Commencement Date; and

“Weather Data” means the record by the Site Weather Monitoring Stations of daily temperature and the calculation of the extent to which the average outdoor temperature during that day was greater or less than a mean temperature of +18 degrees Celsius.

2. ENERGY SUPPLY AND CONSUMPTION

2.1 Energy Supply and Payment

The Authority will from time to time as required enter into contracts with Energy suppliers for the supply of Energy to the Facility, and will be responsible for all payments related to such contracts. Without limiting Project Co’s obligations in Appendix 4E [Utility Management Services], Project Co will administer such contracts, including dealing with suppliers to resolve issues from time to time, and will provide such other reasonable assistance related to such contracts as may be requested by the Authority.

2.2 Recording and Monitoring of Weather Data and Energy Consumption

Project Co will collect Weather Data for the Facility from the Site Weather Monitoring Stations and will install equipment to record and monitor consumption of each type of Energy in the Facility which will:

- (a) be suitable and properly calibrated to enable the Authority to undertake real time:
 - (1) collection and monitoring of:

- (A) Energy trends, including current and historic Energy Consumption;
 - (B) Energy end use breakdown by heating, cooling, heat rejection, pumps, fans, interior lighting, exterior lighting, receptacle loads, hot-water and equipment loads, and including domestic hot and cold water consumption;
 - (C) Energy Consumption breakdown by Targeted and Non-Targeted Energy Consumption; and
 - (D) all applicable weather data from the Site Weather Monitoring Stations;
- (2) analysis of the data collected, including graphical comparisons to:
- (A) historical (year over year) consumption;
 - (B) Weather Data;
 - (C) Utility bills; and
 - (D) consumption against declared Energy targets;
- (b) provide early warning of malfunctions and deviations from norms;
- (c) be provided in a “dashboard” format compatible with Pulse Energy Manager System or Schneider Electric Energy View Online, or an approved alternate;
- (d) be remotely accessible by the Authority through a web-based browser and portable devices such as smartphones; and
- (e) secure all such properly recorded information so that it is not lost or degraded as a result of any equipment or service malfunctions, and will secure such information from any adjustment, modification or loss from any source.

2.3 Calculation of Energy Performance

- (a) For the purpose of determining the Design and Construction Energy Target, Project Co shall calculate the Energy performance for:
- (1) according to the building performance rating method set out in Part 8 of the National Energy Code for Buildings (NECB), 2011;
 - (2) Using a computer simulation model for the entire relevant building project; and
 - (3) including all Energy costs associated with the relevant building project, including that required to condition all shelled space and Unallocated/Unassigned Space.
- (b) In calculating the Energy performance of the facility, Project Co shall:

- (1) Refer to the assumptions set out in Attachment 1 to this Appendix 2C; and
- (2) clearly identify any deviations between the assumptions set out in Attachment 1 and the assumptions underlying the Design, Construction and Energy modeling of the Facility.

2.4 Energy Consumption Certificate

Promptly after the end of each month following the Service Commencement Date, Project Co will deliver to the Authority a certificate showing for the Facility:

- (a) the Energy Consumption by Energy source in Gigajoules for that month with respect to:
 - (1) total Energy Consumption;
 - (2) Targeted Energy Consumption; and
 - (3) Non-Targeted Energy Consumption;
- (b) the peak electrical demand date and hour;
- (c) the Weather Data for that month, including the number of Heating Degree Days and Cooling Degree Days;
- (d) building occupancy; and
- (e) any other variable that affects the Energy Consumption relative to the Energy model assumptions set out in Attachment 1 to Appendix 2C [Energy].

3. DESIGN AND CONSTRUCTION ENERGY GUARANTEES

3.1 Monitoring of Energy Consumption

During the Monitoring Period and the Test Period, Project Co and the Authority will monitor Energy Consumption in order to determine the Energy Consumption for the Monitoring Period and the Test Period.

3.2 Adjustment to Energy Consumption

Within 2 years after Service Commencement, Project Co will engage an Independent Energy Consultant acceptable to the Authority, acting reasonably, to determine whether and to what extent the Targeted Energy Consumption for the Test Period should be adjusted based on factors which, in the Energy consultant's professional opinion, are applicable, including actual climate conditions, occupancy, equipment use and Authority controlled effects during the Test Period, and differ from the factors taken into account in the Energy model assumptions set out in Attachment 1 to this Appendix.

A more detailed methodology for this adjustment will be developed to the satisfaction of the Authority,

Project Co and the Independent Energy Consultant and may use the Energy Monitoring Model and/or a spreadsheet based analysis.

3.3 Failure to Achieve Design and Construction Energy Target

If the Targeted Energy Consumption in the Test Period (as may be adjusted pursuant to Section 3.2 of this Appendix) for the Facility exceeds the Design and Construction Energy Target for the Facility, then Project Co will do one of the following:

- (a) modify the Facility as required so that annual Targeted Energy Consumption does not exceed the Design and Construction Energy Target for the Facility, subject to compliance with the Design and Construction Specifications and the approval of such modifications by the Authority, not to be unreasonably withheld or delayed; or
- (b) pay to the Authority a lump sum amount that the Authority agrees, acting reasonably, represents the lesser of [REDACTED] and the net present value of the cost to the Authority during the 30 year Operating Period of the amount by which Targeted Energy Consumption will exceed the Design and Construction Energy Target for the Facility, based on the projected utility costs identified in Attachment 1, on the assumption that the excess in the Monitoring Period will continue for the balance of the expected life of the Facility, and if this Section 3.3(b) is applied the provisions of Schedule 9 [Compensation on Termination] will be amended as necessary to ensure that the Authority will not, as a consequence of the application of this Section 3.3(b), face any additional liability upon early termination of this Agreement.

3.4 Consequences of Failure to Achieve Targets

The consequences to Project Co for not meeting the Design and Construction Energy Target, as may be adjusted pursuant to Section 3.2 of this Appendix, are limited to those set out in Section 3.3 of this Appendix.

4. ANNUAL ENERGY TARGETS

4.1 Energy Monitoring Model

During the Monitoring Period, Project Co will engage an Independent Energy Consultant to prepare for the Authority's review and approval, not to be unreasonably withheld or delayed, a model (the "**Energy Monitoring Model**") that is able from time to time to be updated to determine:

- (a) the expected annual Energy Consumption and Targeted Energy Consumption for the ensuing 5 year period for the Facility based on a pre-determined set of in-puts (including actual temperatures and consumption):
 - (1) for the first 5 year period after the Monitoring Period, the Monitoring Period; and
 - (2) for each subsequent 5 year period, the immediately preceding 5 year period; and
- (b) the effect on annual Targeted Energy Consumption for the Facility if the actual

annual average temperatures are higher or lower than during the previous year.

4.2 Annual Energy Target

In respect of the Facility, the Annual Energy Target for the Energy Years after the Monitoring Period will be the expected annual Targeted Energy Consumption determined as follows:

- (a) for the first five years after the Monitoring Period, the expected annual Targeted Energy Consumption will be as determined by the Energy Monitoring Model at the end of the Monitoring Period;
- (b) at the end of each five Energy Year period after the Monitoring Period, Project Co will update and re-run the Energy Monitoring Model using the Weather Data and other applicable data that has been approved by the Authority from such five year period; and
- (c) for each of the five Energy Years after the Energy Monitoring Model is updated and re-run the expected annual Targeted Energy Consumption will be as determined by the updated and re-run Energy Monitoring Model, as adjusted pursuant to Section 4.3.

4.3 Adjustment to Annual Energy Target

If the temperature set out in the Weather Data for an Energy Year as measured by the Weather Monitoring Station for the Facility is different from the temperature used in the Energy Monitoring Model to set the Annual Energy Target for that Energy Year for the Facility or if there is a significant change to the Core Hours for the Facility, then the Annual Energy Target for that Energy Year for the Facility will be adjusted for such variances.

In addition, the parties will monitor compliance with the Energy Management Plan referred to in Section 4.6 of Schedule 4 [Services Protocols and Specifications] at each meeting of the Operating Period Joint Committee. If either Project Co or the Authority does not comply with the Energy Management Plan, then:

- (a) the Annual Energy Target for the Facility will be adjusted by an appropriate amount to reflect the effect of non-compliance; and
- (b) the parties are unable to agree on the appropriate amount of such adjustment, Project Co will engage an Independent Energy Consultant acceptable to Project Co and the Authority, acting reasonably, to determine, within 2 months after such engagement, whether and to what extent the Annual Energy Target for the Facility should be adjusted.

5. SHARING GAIN AND PAIN

5.1 Average Unit Cost

In respect of the Facility, the Average Unit Cost for an Energy Year will be the amount obtained by dividing:

- (a) all amounts paid or payable by Project Co or the Authority in respect of the supply of the Energy in that Energy Year for the Energy Consumption in the Facility; by
- (b) the Energy Consumption for that Energy Year in the Facility.

5.2 Energy Gainshare

The Energy Gainshare for an Energy Year will be the lesser of:

- (a) [REDACTED] of the product of:
 - (1) the amount, if any, by which the Targeted Energy Consumption in that Energy Year for the Facility is less than [REDACTED] of the Annual Energy Target for that Energy Year for the Facility; and
 - (2) the Average Unit Cost for that Energy Year; and
- (b) [REDACTED]

5.3 Energy Painshare

The Energy Painshare for an Energy Year will be the lesser of:

- (a) [REDACTED] of the product of:
 - (1) the amount, if any, by which the Targeted Energy Consumption in that Energy Year for the Facility is greater than [REDACTED] of the Annual Energy Target for that Energy Year for the Facility; and
 - (2) the Average Unit Cost for that Energy Year; and
- (b) [REDACTED]

5.4 Calculation and Invoicing

Project Co will submit to the Authority for each Energy Year Project Co's calculation of the Average Unit Cost and Energy Gainshare and Energy Painshare for the Facility as soon as practicable, and in any event within 20 Business Days after the receipt of the last invoice containing information on all Energy use during that Energy Year. Any unresolved dispute about such calculations will be resolved in accordance with the Dispute Resolution Procedure.

6. CONTENT AND FORMAT OF THE ENERGY ANALYSIS REPORT

6.1 Energy Analysis Report

The Energy Analysis Report will present findings of actual consumption for each separate Utility for the relevant Contract Year. The parties will agree upon the exact form of the Energy Analysis Report from time to time but as a minimum the Energy Analysis Report will include the following:

- (a) For each Payment Period (within 10 Business Days of the end of the Payment Period):
 - (1) the Targeted Energy Consumption in Gigajoules for each type of Energy in that month;
 - (2) the Non-Targeted Energy Consumption in Gigajoules for each type of Energy in that month;
 - (3) the consumption data for all other Utilities;
 - (4) Weather Data recorded for that month;
 - (5) Facility Operation Variances; and
 - (6) any other variable that affects the Targeted Energy Consumption relative to the Energy model assumptions.
- (b) For each Contract Year (within 20 Business Days after the receipt of the last invoice containing information on all Energy use during that Contract Year):
 - (1) all of the items reported for each Payment Period in Section 6.1(a), but for the Contract Year;
 - (2) the Energy mix for the Contract Year;
 - (3) a calculation showing Energy Painshare or Energy Gainshare; and
 - (4) a revised Energy Monitoring Model showing the Annual Energy Target for the upcoming Contract Year.

7. ENVIRONMENTAL CREDITS

7.1 Entitlement to Environmental Credits

The Authority will be entitled to any and all Environmental Credits related to the Facility and its operation and Project Co will use commercially reasonable efforts to assist the Authority in achieving the maximum Environmental Credits available.

On any future Energy efficiency and conservation project where the Authority and Project Co collaborate, the Authority will apply for and be the beneficiary of all funding and cash incentives payable as a result of the project.

ATTACHMENT 1

ENERGY MODEL ASSUMPTIONS FOR DESIGN AND CONSTRUCTION ENERGY TARGET

Project Co, at the direction of the Authority used the following Energy model assumptions to determine the Design and Construction Energy Target and shall use these assumptions for the calculation of the Targeted Energy Consumption for the Facility:

- (a) identify the Energy Consumption by fuel type, i.e., electricity, thermal (steam or hot water), natural gas, fuel oil, biomass, on-site renewable;
- (b) include a table of all assumptions and values utilized in modeling the Facility; and
- (c) modelling parameters for the Facility in accordance with the National Energy Code for Buildings 2011 (NECB-2011) compliance rules and requirements.

General Assumptions

Service Hot Water	National Energy Code for Building 2011 (NECB - 2011)
Climate Zone	8
Utility Rates	As of the Effective Date: <ul style="list-style-type: none"> • an initial unit rate for propane of █████/Litre; • an initial unit rate for heating oil of █████/Litre; • an initial unit rate for electrical of █████/MWh; • an initial unit rate for wood pellets of █████/tonne; • an assumed indexation of █████ per year; and • a discount rate of █████.
Process Steam for Sterilization	In accordance with Schedule 3 specifications. Operating schedule as per section A-8.4.3.2 of NECB operating schedules Table A-8.4.3.2.(1)H. Operating Schedule H
Lighting	Use space-by-space method in accordance with NECB – 2011, Table 4.2.1.6.
Space Temperature/Humidity	As per CSA-Z317.2-10, Table 1.
Occupancy Density, Equipment Power (Plug Load) and Operating Schedule	Use space-by-space method in accordance with NECB – 2011, Table A-8.4.3.3(1)B

Pumping Power	As per ASHRAE 90.1 Appendix G
Fuel Conversion Factor	Propane : 91,600 BTU/gallon propane (0.0966 GJ/gallon) as per ASHRAE 100-2006 Wood 17,060,700 BTU/ton wood (18 GJ/ton) as per GNWT Wood Pellet Pre-feasibility Analysis Report 2009
Location Weather File	Canadian Weather for Energy Calculations (CWEC), Yellowknife NWT http://doe2.com/Download/Weather/CWEC/

ATTACHMENT 2

DESIGN AND CONSTRUCTION ENERGY TARGET

The Design and Construction Energy Target is [REDACTED] eMWh.

APPENDIX 2D

EQUIPMENT AND FURNITURE

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ATTACHMENT 1 EQUIPMENT LIST

ATTACHMENT 2 EQUIPMENT PROCUREMENT SCHEDULE

APPENDIX 2D

EQUIPMENT AND FURNITURE

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Acceptance Protocol” has the meaning given in Section 4.1(a)(3) of this Appendix;

“Category A Equipment” means equipment including but not limited to desktop office equipment, printers, and non-biomedical mobile equipment, and items identified in Attachment 1 [Equipment List] as Category A.

“Category B Equipment” means all biomedical equipment, patient lifts, and all equipment associated with the facility component Medical Device Reprocessing as outlined in Appendix 3A, and items identified in Attachment 1 [Equipment List] as Category B.

“Category C Equipment” means all furniture as described in subsection 6.12.(b) of Schedule 3, and the equipment identified in Attachment 1 [Equipment List] as Category C.

“Category D1 Equipment” means all specialties, equipment, millwork, modular casework, clinical systems furniture, and systems furniture as described in section 6.10, 6.11 and 6.12 of Schedule 3 and not listed in Attachment 1 [Equipment List] and Attachment 2 [Equipment Cut Sheets].

“Category D2 Equipment” means the equipment associated with the facility components of Laundry and Linen Services and Food Services as outlined in Appendix 3A, and all headwalls, ceiling lift tracks, curtain tracks, and millwork, modular casework, clinical systems furniture, and systems furniture outlined in section 6.10, 6.11 and 6.12 of Schedule 3 that is also listed in Attachment 1 [Equipment List] and/or Attachment 2 [Equipment Cut Sheets].

“Commissioning” means testing and commissioning the equipment or system in accordance with any commissioning requirements set out in this Agreement, all applicable standards and Good Industry Practice, including to ensure that the Equipment is operating in accordance with the manufacturer’s requirements and specifications, and **“Commission”** and **“Commissioned”** have corresponding meanings;

“Delivery” means delivery to the Facility, and **“Deliver”** and **“Delivered”** have corresponding meanings;

“Equipment” means the Category A Equipment, the Category B Equipment, the Category C Equipment, the Category D1 Equipment and/or the Category D2 Equipment as applicable;

“Equipment Cash Allowance” means the monies to be deposited by the Authority into the Equipment Cash Allowance Account in the amounts and at the times required pursuant to this Appendix and paid from the Equipment Cash Allowance Account for the purchase of Category C Equipment and Category D2 Equipment pursuant to this Appendix;

“Equipment Cash Allowance Account” means a separate, interest-bearing bank account for all Category C Equipment and Category D2 Equipment related cash flows that is maintained by Project Co at the Authority’s direction as contemplated in this Appendix;

“Equipment Consultant” means the equipment consultant engaged by Project Co pursuant to Section 5.7 of this Appendix;

“Equipment Cut Sheets” means the equipment cut sheets containing specifications for items of equipment on the Equipment List and posted as “FFE Appendix F - Cutsheets” in the online Stanton Territorial Hospital Project data room, as those cut sheets may be updated in accordance with this Agreement;

“Equipment List” means the list of Category A Equipment, Category B Equipment, Category C Equipment, Category D1 Equipment and Category D2 Equipment set out in Attachment 1 to this Appendix;

“Equipment Procurement Schedule” means the schedule attached as Attachment 2 to this Appendix, as approved by the Authority and updated in accordance with Section 5.5 of this Appendix;

“Installation” means, as applicable, connection to necessary building services, including plumbing, heating, cooling, ventilation and electricity, and medical gas supplies, all necessary mechanical rough-ins, and connection to necessary communication or network interfaces or devices;

“Procurement” means the management and completion of procurement processes for Category C Equipment and Category D2 Equipment pursuant to Section 3 of this Appendix, and **“Procure”** and **“Procured”** have corresponding meanings;

“Request for Payment Approval” has the meaning given in Section 4.9 of this Appendix; and

“Setup” includes:

- (a) transportation and movement within the Facility from the delivery location to the final installation location;
- (b) placement in the final location within the Facility; and
- (c) any necessary unwrapping, unpacking and assembly.

2. EQUIPMENT RESPONSIBILITIES

2.1 Category A Equipment

Subject to Section 5.1 of this Appendix, the Authority will, at its cost, be responsible for the identification, specification, selection, procurement, purchase, Delivery, Setup, Installation, commissioning, maintenance and replacement of all Category A Equipment.

2.2 Category B Equipment

Subject to Section 4.12 and Section 5.1 of this Appendix,

- (a) the Authority will, at its cost, be responsible for the identification, specification, procurement, purchase, freight and tariff costs of Delivery, maintenance and replacement; and
- (b) Project Co will, at its cost, be responsible for the coordination of Delivery, Setup, Installation and Commissioning

of all Category B Equipment.

2.3 Category C Equipment

Subject to Section 4.12 and this Appendix,

- (a) the Authority will, at its cost, be responsible for the identification, maintenance and replacement; and
- (b) Project Co will, at its cost but using the Equipment Cash Allowance to pay the actual purchase price of the relevant Equipment and any associated freight and tariff costs, be responsible for the specification, Procurement, purchase, coordination of Delivery, Setup, Installation and Commissioning

of all Category C Equipment.

2.4 Category D1 Equipment

Project Co will, at its cost, be responsible for the identification, specification, selection, procurement, purchase, Delivery, Setup, Installation, Commissioning, maintenance and replacement of all Category D1 Equipment.

2.5 Category D2 Equipment

Project Co will, at its cost but using the Equipment Cash Allowance to pay the actual purchase price of the relevant Equipment and any associated freight and tariff costs, be responsible for the identification, specification, selection, Procurement, purchase, coordination of Delivery, Setup, Installation, Commissioning, maintenance and replacement of all Category D2 Equipment.

3. INSTALLATION AND PROCUREMENT OF CATEGORY A EQUIPMENT AND CATEGORY B EQUIPMENT

3.1 Installation Timing for Category A Equipment

Project Co will:

- (a) as early as practicable in accordance with Good Industry Practice and without limiting any of Project Co's other obligations under this Section 3.1, identify to the Authority:
 - (1) each item of Category A Equipment, if any, that must be Installed in the Facility for Project Co to achieve a Service Commencement Date;

- (2) for each item of Category A Equipment, the earliest date when the Facility will be available to the Authority to Install such item; and
 - (3) for each item of Category A Equipment identified by Project Co under Section 3.1(a)(1) above, if any, the date by which such item must be Installed so as not to delay the Design, the Construction, any Service Commencement Date or the Authority's use and occupation of the Facility; and
- (b) as required from time to time until the Service Commencement Date, but no less than once per calendar month, update the information in Section 3.1(a) above so that at all times it is an accurate and reasonable representation of Project Co's plans for the completion of the Design and Construction of the Facility and the availability of the Facility for the Installation of Category A Equipment.

The Authority will cause each item of Category A Equipment identified by Project Co under Section 3.1(a)(1) above to be Installed by the date specified by Project Co under Section 3.1(a)(3).

In order to enable the Authority to meet the deadlines specified in Section 3.1(a)(3), Project Co acknowledges that the earliest date when the Facility will be available to the Authority pursuant to Section 3.1(a)(2), should be at least six months prior to the Target Service Commencement Date, and when the Facility is so available, Project Co will provide the Authority with a designated route from the staging and storage space described in Section 5.6 and access to elevators for every floor of the Facility.

3.2 Procurement Timing for Category B Equipment

Project Co will:

- (a) as early as practicable in accordance with Good Industry Practice and without limiting any of Project Co's other obligations under this Section 3.2, identify to the Authority:
 - (1) each item of Category B Equipment, if any, that must be procured by the Authority by a certain date for Project Co to achieve a Service Commencement Date; and
 - (2) for each item of Category B Equipment identified by Project Co under Section 3.2(a)(1) above, if any, the date by which such item must be procured by the Authority so as not to delay the Design, the Construction, any Service Commencement Date or the Authority's use and occupation of the Facility; and
- (b) as required from time to time until the Service Commencement Date, but no less than once per calendar month, update the information in Section 3.2(a) above so that at all times it is an accurate and reasonable representation of Project Co's plans for the completion of the Design and Construction of the Facility.

The Authority will cause each item of Category B Equipment identified by Project Co under Section 3.2(a)(1) above to be procured by the date specified by Project Co under Section 3.2(a)(2).

4. PROCUREMENT OF AND PAYMENT FOR CATEGORY C EQUIPMENT, CATEGORY D1 EQUIPMENT AND CATEGORY D2 EQUIPMENT

4.1 Solicitation of Proposals

For each item of Category C Equipment, Category D1 Equipment and Category D2 Equipment, Project Co will:

- (a) propose specifications, subject to Authority approval.

For each item of Category C Equipment and Category D2 Equipment (not including Category D1 Equipment), Project Co will:

- (a) in consultation with the Authority, draft competitive bidding documents, such documents to include:
 - (1) the specifications approved by the Authority for the relevant Equipment;
 - (2) terms and conditions for the relevant equipment purchase contract or purchase order, including training for Authority staff;
 - (3) a protocol for testing the relevant Equipment to demonstrate that it has been installed in accordance with the manufacturer's requirements and is functioning in accordance with the specifications included in the relevant equipment purchase contract or purchase order (an "**Acceptance Protocol**"); and
 - (4) the scope of any Setup or Installation work that the Equipment vendor will perform;
- (b) obtain and submit to the Authority prices sought on a competitive basis from any supplier and for any make or model that will meet or exceed the specifications of the referenced make and model, if any, for that item of Equipment; and
- (c) issue competitive bidding documents to at least three different suppliers for prices for at least two different makes and models (unless less than three suppliers and/or less than two models for such Equipment exist), such prices to be on comparable terms and conditions.

Project Co assumes all risk of delays to the Project Schedule caused by late Procurement, Delivery, Setup, Installation or Commissioning of any Category C Equipment, Category D1 Equipment and/or Category D2 Equipment.

4.2 Project Co Analysis and Recommendations

Based on the proposals received under Section 4.1 of this Appendix, Project Co will provide a written analysis and recommendation to the Authority for the Procurement of each item of Category C Equipment and Category D2 Equipment, which will include the following:

- (a) item description, item number, and quantities;

- (b) the manufacturer, model number, supplier, specifications and options for the item;
- (c) an analysis, including consideration of compliance with the relevant specifications in the Equipment List and the Equipment Cut Sheets and recommendation as to which make, model and supplier of the item provides, in Project Co's opinion, the overall best value to the Authority, and any other benefits of the recommended item;
- (d) an analysis of the effect the item will have on the overall design of the Facility and the relevant areas within the Facility;
- (e) details of the warranties, installation services, training, spare parts and start-up consumables included with the item by the relevant manufacturer or supplier;
- (f) the date and time when the item will be delivered to the Site;
- (g) the cost of the item, including a breakdown of:
 - (1) subject to Section 4.7(b) of this Appendix, any cost to the Authority for any Setup, Installation and Authority staff training to be performed by the Equipment vendor; and
 - (2) applicable Taxes,

and net of all direct or indirect discounts, rebates, refunds, chargebacks, credits, price adjustments or any other allowances obtained across all categories of Equipment that effectively reduce the net selling price;
- (h) based on the information in Section 4.2(g) of this Appendix, the total amounts and timing of the Equipment Cash Allowance cash flows required to implement the recommendation and the full details of the calculation of such amounts;
- (i) whether the procurement is a purchase, a lease, part of a managed equipment program, based on usage pricing or other arrangement, and the terms and timing of payments thereof;
- (j) if so requested by the Authority, a copy of each quote or proposal and all other relevant information in respect of the item and such other documentation as the Authority may reasonably require, all of which Project Co will provide on a fully transparent and open basis to the Authority;
- (k) the latest date (not to be less than 30 Business Days after receipt by the Authority of the recommendation or such other period as the parties may agree each acting reasonably) by which a final procurement decision on the item is required from the Authority without causing delays to the Construction or Service Commencement Date, or additional costs for that item; and
- (l) if no proposals for items of Category C Equipment or Category D2 Equipment are available or have been received by Project Co, an alternate recommended course of action for procurement by Project Co including possible substitutes for such items.

The Authority may request additional information from Project Co regarding the analysis and recommendations of Project Co, which Project Co will provide to the Authority as soon as reasonably practicable thereafter.

4.3 Authority Approval

In response to the recommendations for items of Category C Equipment and Category D2 Equipment made by Project Co to the Authority under Section 4.2 of this Appendix, the Authority may, on or before the latest date for such decision as set out in the recommendation pursuant to Section 4.2(k) of this Appendix, do any of the following with respect to some or all of the items:

- (a) instruct Project Co to proceed with the procurement;
- (b) withdraw the requirement for Project Co to proceed with the procurement;
- (c) subject to Section 5.4 of this Appendix, increase or decrease the quantities, require the procurement of other items in substitution for such items, or otherwise change the items to be procured;
- (d) acting reasonably, reject any supplier or item of Category C Equipment or Category D2 Equipment as unacceptable to the Authority;
- (e) elect to obtain certain items of Category C Equipment, Category D1 Equipment and/or Category D2 Equipment for the Project by obtaining, transferring or relocating existing equipment from the Authority or others; or
- (f) elect to procure directly certain items of Category C Equipment, Category D1 Equipment and/or Category D2 Equipment.

4.4 Project Co To Implement Authority Instructions

Project Co will proceed diligently to implement the Authority's instructions given pursuant to Section 4.3 of this Appendix, including promptly making alternate recommendations for any proposed supplier or item of Category C Equipment or Category D2 Equipment that has been rejected by the Authority under Section 4.3(d) of this Appendix.

4.5 Management of Equipment Cash Allowance Account

Project Co will establish the Equipment Cash Allowance Account and will manage all monies deposited in the Equipment Cash Allowance Account by the Authority pursuant to Section 4.6 in trust for the benefit of, and as directed by, the Authority as follows:

- (a) interest earned will accrue in the Equipment Cash Allowance Account and will be for the benefit of the Authority;
- (b) Project Co will grant to the Authority a first priority security interest in and to the Equipment Cash Allowance Account and the funds deposited therein and will execute all documents reasonably required by the Authority in connection with such security;

- (c) Project Co will withdraw monies from the Equipment Cash Allowance Account as and at the times directed by the Authority as required to pay for procurements approved by the Authority pursuant to Section 4.10 of this Appendix, net of all direct or indirect discounts, rebates, refunds, chargebacks, credits, price adjustments or any other allowances obtained across all categories of Equipment that effectively reduce the net selling price;
- (d) Project Co will provide a reconciliation of the Equipment Cash Allowance Account to the Authority on a monthly basis;
- (e) as procurements are completed, Project Co will keep and update an overall budget for the Equipment Cash Allowance and will provide access to and copies of such budget to the Authority monthly and as otherwise required by the Authority;
- (f) if at the Service Commencement Date there is a positive balance in the Equipment Cash Allowance Account, such balance will be the property of the Authority and will be paid by Project Co as directed by the Authority (less any amounts provisioned for settlement on certain equipment), and the Authority will have no further obligation to make any deposits into the Equipment Cash Allowance Account; and
- (g) the parties will review the operation of the Equipment Cash Allowance Account on a regular basis and agree to any appropriate modifications to ensure its efficient operation.

4.6 Deposits to Equipment Cash Allowance Account

The Authority will deposit funds into the Equipment Cash Allowance Account in accordance with the Equipment Procurement Schedule, as approved by the Authority.

Subject to Section 4.8 of this Appendix, the Authority will make deposits into the Equipment Cash Allowance Account if the payment requirements, including applicable Taxes, for the subsequent 12 months for procurements approved by the Authority pursuant to Section 4.10 of this Appendix exceed the then balance of the Equipment Cash Allowance Account.

4.7 Minimizing Costs

Project Co will:

- (a) use all reasonable efforts to minimize the cost to the Authority of Category C Equipment and Category D2 Equipment and to conduct its procurement so as to minimize any reasonably avoidable adverse effect on the cost to the Authority of Category C Equipment and Category D2 Equipment;
- (b) ensure that the cost to the Authority of Category C Equipment and Category D2 Equipment includes costs for Setup, Installation and/or Authority staff training performed by the Equipment vendor only to the extent that such Setup or Installation is in the normal scope of the purchase and sale of equipment similar to the Category C Equipment or the Category D2 Equipment, as applicable, for a project similar to the Project and is commonly performed by the Equipment vendor; and

- (c) cause all discounts, rebates, refunds, chargebacks, credits, price adjustments and other allowances available in connection with the Category C Equipment or the Category D2 Equipment, as applicable, to be attributed solely to and to benefit the pricing of Category C Equipment or the Category D2 Equipment, as applicable.

4.8 Mark-Ups

Project Co agrees that:

- (a) any amount paid from the Equipment Cash Allowance will not include any mark-up for overhead, other costs and profit of Project Co and any other Project Co Person other than the suppliers of Category C Equipment and Category D2 Equipment; and
- (b) there will be no adjustment to the payment out of the Equipment Cash Allowance Account on account of profit, overhead, or other costs associated with procurement, expediting, installation, delivery, unpacking, training, assembling and testing, and commissioning of Category C Equipment or Category D2 Equipment, as applicable, by Project Co and any other Project Co Persons other than the suppliers of Category C Equipment or Category D2 Equipment, as applicable, all of which Project Co has already included in, and will be paid by the Authority to Project Co as part of, the Service Payments.

4.9 Request for Payment Approval

Project Co will provide monthly a request to the Authority for payment approval (the "**Request for Payment Approval**") for Category C Equipment and Category D2 Equipment that will include the following:

- (a) details of all supplier invoices that are due for payment that month, including relevant supporting documentation;
- (b) reconciliation with the Equipment List of the Category C Equipment and Category D2 Equipment for which payment approval is requested;
- (c) any discounts, rebates, refunds, chargebacks, credits, price adjustments and other allowances available in connection with the Category C Equipment and Category D2 Equipment; and
- (d) the cash flow process with respect to the Equipment Cash Allowance as set out in Section 4.5 of this Appendix.

4.10 Payment Approval

The Authority will, acting reasonably and within 10 Business Days of receipt of a Request for Payment Approval, advise Project Co in writing whether or not payment of the invoices set out in such Request for Payment Approval is approved. If the Authority does not approve payment of any invoice set out in a Request for Payment Approval, the Authority will provide full details as to the reason for not approving such payment.

4.11 Payment of Approved Invoices

Project Co will, within 5 Business Days of receipt of the Authority's approval of a Request for Payment Approval, as agent for the Authority only for purposes of payment from the Equipment Cash Allowance Account, make payment to the relevant suppliers as set out in the invoices in such Request for Payment Approval.

4.12 Responsibility for Authority-Obtained Category C Equipment, Category D1 Equipment and/or Category D2 Equipment

If the Authority elects to obtain or procure certain items of Category C Equipment, Category D1 and/or Category D2 Equipment pursuant to Sections 4.3(e) or 4.3(f) of this Appendix:

- (a) as soon as is reasonable practicable after such election, Project Co will advise the Authority:
 - (1) if such Equipment must be installed in the Facility for Project Co to achieve any Service Commencement Date; and
 - (2) if applicable, the date by which such Equipment must be delivered so as not to delay the Design, the Construction, any Service Commencement Date(s) or the Authority's use and occupation of the Facility;
- (b) Project Co will Install and Commission such items upon delivery to the Site; and
- (c) Project Co will not be responsible for the condition of any previously used items of Equipment, including any failure of such Equipment to meet commissioning requirements as a result of such condition.

4.13 Category C Equipment and Category D2 Equipment Reports

As of the 1st day of each month during the Construction Period and as at the Service Commencement Date, Project Co will provide reports to the Authority that include the following information:

- (a) itemized and aggregate amounts committed to date for all costs to the Authority of Category C Equipment and Category D2 Equipment;
- (b) which Category C Equipment and Category D2 Equipment item numbers have been procured and the itemized and aggregate costs to the Authority of such items;
- (c) the projected procurement of remaining Category C Equipment and Category D2 Equipment and the projected effect of such procurement on the Equipment Cash Allowance;
- (d) the delivery dates for each item procured;
- (e) any authorized or agreed changes in the Equipment List and Equipment Cut Sheets since the previous report, and the financial impact of such changes; and

- (f) any commentary on communication methods, the reporting method/approval process, frequency of communication and similar matters regarding Category C Equipment and Category D2 Equipment procurement and selection,

and Project Co will deliver such reports within 10 Business Days of the effective date of the report.

4.14 Warranties

Project Co will ensure that all manufacturer's and supplier's warranties for all Category C Equipment, Category D1 Equipment and Category D2 Equipment:

- (a) commence on the Service Commencement date of the relevant Facility Component in which the Equipment is located for each item of Category C Equipment, Category D1 Equipment or Category D2 Equipment, as applicable; and
- (b) are in the Authority's name.

The duration for Equipment warranties shall be determined as part of the Equipment List finalization process undertaken by Project Co and the Authority. Warranties should be provided by the Equipment supplier as part of the Equipment purchase price, unless otherwise agreed upon by the Authority at the time of Equipment tender.

For the Term of this Agreement, Project Co will be responsible for administering and enforcing all warranties for Category C Equipment, Category D1 Equipment and Category D2 Equipment on behalf of the Authority.

4.15 Standards for Equipment

Project Co will cause all Category C Equipment, Category D1 Equipment and Category D2 Equipment, except Category C Equipment, Category D1 Equipment and Category D2 Equipment procured by the Authority pursuant to Sections 4.3(e) or 4.3(f) of this Appendix, to be:

- (a) new;
- (b) of good quality and in a safe, serviceable and clean condition in accordance with Good Industry Practice;
- (c) in accordance with the Equipment List and the Equipment Cut Sheets;
- (d) CSA approved; and
- (e) in compliance with all applicable Laws.

Project Co will, as soon as practicable after receiving a request from the Authority, supply to the Authority evidence to demonstrate its compliance with this Section 4.15.

4.16 Training

Project Co will cause the relevant equipment vendor to provide appropriate and timely training to Authority staff on the proper use and maintenance of all Category C Equipment, Category D1 Equipment and Category D2 Equipment that Project Co installs in the Facility (except for those items of Category C Equipment, Category D1 Equipment and Category D2 Equipment that the Authority elects to obtain or procure pursuant to Sections 4.3(e) or 4.3(f) of this Appendix) and will provide sufficient training to the Authority's staff in accordance with Good Industry Practice to enable the Authority and its staff to properly utilize such Category C Equipment, Category D1 Equipment and Category D2 Equipment. The Authority will, in consultation with Project Co, schedule all such training activities.

4.17 Guidance Material and Manuals

On or before each Service Commencement Date, Project Co will transfer and deliver to the Authority all guidance material and manuals relating to relevant Category C Equipment, Category D1 Equipment and Category D2 Equipment items as produced and provided by the manufacturer or the supplier of such items.

4.18 Insurance

As part of the Procurement of Category C Equipment, Category D1 Equipment and Category D2 Equipment (except for those items of Category C Equipment, Category D1 Equipment and Category D2 Equipment that the Authority elects to obtain or procure pursuant to Sections 4.3(e) or 4.3(f) of this Appendix), Project Co will require the supplier of each item of Category C Equipment, Category D1 Equipment and Category D2 Equipment to retain all risks related to such equipment (including replacement thereof in the event of damage or destruction) during the Delivery, Setup, Installation and Commissioning process and until such time as title to the Category C Equipment, Category D1 Equipment and Category D2 Equipment passes to the Authority in accordance with Section 5.8(a) of this Appendix.

4.19 No Limitation

Without limiting Sections 2.1 or 2.2 of this Appendix, Category C Equipment and Category D2 Equipment shown on the Equipment List and in the Equipment Cut Sheets is not intended to be exhaustive or to be relied upon by Project Co, does not limit the requirements of the Design and Construction Specifications, and provides only an indication of some of Category C Equipment and Category D2 Equipment that the Authority may require.

5. GENERAL

5.1 Authority Not Obligated to Procure Equipment

The Authority intends to procure but, subject to Section 5.4 of this Appendix, the Authority is not obligated to procure the items of Category A Equipment or Category B Equipment shown on the Equipment List.

5.2 Integration of Equipment with Design of Facility

Project Co will ensure that all Equipment is integrated in accordance with Good Industry Practice with the overall design of the Facility and will include such Equipment as part of the design development process described in Section 5.4 of Schedule 2 [Design and Construction Protocols].

5.3 Acceptance Testing of Category C Equipment, Category D1 Equipment and Category D2 Equipment

Without limiting Project Co's obligation to Commission Category B Equipment, Category C Equipment, Category D1 Equipment and Category D2 Equipment, Project Co will, to the Authority's reasonable satisfaction, complete all of the aspects of the Acceptance Protocol for each item of Category B Equipment, Category C Equipment, Category D1 Equipment and Category D2 Equipment.

5.4 Changes to the Equipment List

The parties acknowledges that:

- (a) as at the Effective Date, the Equipment List and the Equipment Cut Sheets have not been finalized and, during the Construction Period, changes to the Equipment List and/or the Equipment Cut Sheets may be requested by the Authority or may occur as part of the design development process described in Section 5.4 of Schedule 2 [Design and Construction Protocols];
- (b) updates to the Equipment List and/or the Equipment Cut Sheets may be required from time to time because of manufacturers' or suppliers' changes, including changes to equipment availability, specifications and models, and changes in clinical practice; and
- (c) increases or decreases in the quantities of Equipment, substitution of items on the Equipment List or other changes to the Equipment List and the effects that such changes to the Equipment List or the Equipment Cut Sheets may have on the Design or the Construction may result in a net decrease, net increase or no net change in the cost to Project Co to complete the Design and the Construction.

Accordingly, the parties will:

- (d) cooperate to identify no net cost solutions to any proposed changes to the Equipment List or the Equipment Cut Sheets;
- (e) endeavour to agree to an expedited Change process to deal with Equipment changes; and
- (f) cooperate to amend the Equipment List or the Equipment Cut Sheets so that they are accurate and complete as required for Project Co to proceed with the Design and Construction without delay.

Project Co agrees that if changes are required to the Equipment List or the Equipment Cut Sheets, including additional Equipment, as a result of the Design development process described in Section 5.4 of

Schedule 2 [Design and Construction Protocols], Project Co will not be entitled to any Changes that increase the amount of compensation or time for completion of the Design and Construction.

If the Authority requests a Change that impacts the Equipment required, the additional Equipment will also be considered as part of the Change.

5.5 Equipment Procurement Schedule

The Equipment Procurement Schedule attached as Attachment 2 to this Appendix is preliminary and the parties will, each acting reasonably and within 40 Business Days after the Effective Date, finalize the Equipment Procurement Schedule in accordance with the following principles:

- (a) in order to take advantage of the most recent technological advances for Category C Equipment, Category D1 Equipment and Category D2 Equipment, final decisions on the selection of the Category C Equipment, Category D1 Equipment and Category D2 Equipment, together with any training or service requirements, will not be made by the Authority until as late as possible into the Construction Period;
- (b) Project Co will require adequate time to issue competitive bidding documents, receive proposals, clarify aspects of proposals, and prepare written analyses and recommendations for the Authority as contemplated by this Appendix;
- (c) the Authority will require adequate time to evaluate Project Co's analyses and recommendations as contemplated by this Appendix;
- (d) the Authority will require the ability to take advantage of bulk or other purchase opportunities advantageous to it;
- (e) Project Co will require the Equipment Procurement Schedule to allow adequate time to achieve the matters contemplated by this Appendix without any adverse effect on Design and Construction; and
- (f) Project Co will, if possible, structure and carry out procurements to optimize the benefits of any purchasing leverage available to the parties.

Project Co will, as required from time to time until the Service Commencement Date, but no less than once per calendar month by the 15th day of each month, in consultation with the Authority, update the Equipment Procurement Schedule so that it is at all times an accurate, reasonable and realistic representation of Project Co's plans for the procurement of the Category C Equipment, Category D1 Equipment and Category D2 Equipment in accordance with the requirements of this Agreement.

5.6 Staging and Storage

At least six months prior to the Target Service Commencement Date, Project Co will provide a space of adequate size to accommodate staging and storage of any Equipment. With respect to such staging and storage space, Project Co will:

- (a) ensure that the space is in the perimeter of the building with convenient external access for deliveries without utilizing any ramps and with no underground travel required;

- (b) ensure that the space is dry and clean;
- (c) ensure that the space is secure and lockable and provide a security patrol;
- (d) allow Authority representatives to access and work within the space;
- (e) ensure that the space is climate controlled;
- (f) where any Equipment needs oxygen for testing, deliver such Equipment from the space to another facility, if required, in accordance with the directions of the Authority and following testing, return any such Equipment to the space;
- (g) coordinate with the Authority to ensure that both the Authority and Project Co will have adequate time allocated at the unloading location;
- (h) provide adequate power (including an adequate number of quad receptacles on an adequate number of different circuits) to the space and notify the Authority, in advance, of any power interruptions;
- (i) provide adequate plumbing (including utility sink(s) and wash area with drainage, if required) to the space; and
- (j) provide an adequate number of data drops in the space.

5.7 Equipment Consultant

Project Co will, at its cost, engage an Equipment Consultant experienced with the equipment requirements of healthcare facilities similar to the Facility and experienced with the specification, procurement, installation and commissioning of equipment similar to the Equipment. If, for any reason, the Equipment Consultant resigns or is otherwise unavailable, then Project Co will use all reasonable efforts to retain a replacement with similar expertise and experience to the Equipment Consultant, satisfactory to the Authority acting reasonably. Project Co will not replace the Equipment Consultant without the Authority's consent, acting reasonably.

Project Co will cause the Equipment Consultant to:

- (a) participate in the design development process as described in Section 5.4 of Schedule 2 [Design and Construction Protocols], including to attend relevant consultations with the User Consultation Group and to identify and address issues related to Equipment;
- (b) consult regularly with the Authority throughout the procurement process described in Section 3 of this Appendix, including as reasonably requested by the Authority;
- (c) as part of the drafting process, review and provide input on any competitive bidding documents required pursuant to Section 4.1(a) of this Appendix; and
- (d) contribute to and review the analysis and recommendations included in each of Project Co's reports to the Authority pursuant to Section 4.2 of this Appendix.

5.8 Title

Project Co will:

- (a) cause the procurement arrangements for Category C Equipment, Category D1 Equipment and Category D2 Equipment to provide for a transfer of title to such Equipment to the Authority immediately upon the later of:
 - (1) the Service Commencement Date; and
 - (2) the date that Project Co completes, in accordance with Section 5.3 of this Appendix, the Acceptance Protocol for the relevant item of Category C Equipment, Category D1 Equipment and Category D2 Equipment; and
- (b) pay (including as agent for the Authority only for purposes of payment from the Equipment Cash Allowance Account with respect to Category C Equipment and Category D2 Equipment) all unpaid suppliers prior to the Service Commencement Date(s) for amounts owing on outstanding invoices (up to the amounts approved by the Authority in accordance with Section 4.3).

5.9 Minimizing Disruptions

Project Co will ensure that its procurement, Delivery, Setup, Installation, Commissioning, maintenance, repair, decommissioning, upgrading and replacement of Equipment as required under this Agreement will be effective and efficient so as to minimize to the greatest extent reasonably possible all disruptions of Authority Activities and any additional costs to the Authority.

6. RELOCATED EQUIPMENT, OFFICE MOVES AND MISCELLANEOUS WALL-MOUNTED ITEMS

6.1 Relocated Equipment

Project Co will, at its cost, coordinate and, directly or through a Sub-Contractor consented to by the Authority, provide relocation services to the Authority for the purpose of relocating Equipment (including Category A Equipment and/or Category B Equipment, if applicable) from the Existing Hospital to the Facility in accordance with the approved Phasing Plan. Project Co or the Sub-Contractor, as applicable, shall provide such relocation services in accordance with all confidentiality obligations under this Agreement and all applicable Law and policies of the Authority, including policies related to the protection and privacy of personal and confidential information.

6.2 Office Moves

Project Co will, at its cost, coordinate and, directly or through a Sub-Contractor consented to by the Authority, provide moving services to the Authority for the purpose of moving office contents from the Existing Hospital to the Facility in accordance with the approved Phasing Plan. Project Co or the Sub-Contractor, as applicable, shall provide such moving services in accordance with all confidentiality obligations under this Agreement and all applicable Law and policies of the Authority, including policies related to the protection and privacy of personal and confidential information.

6.3 Miscellaneous Wall-Mounted Items

Project Co and the Authority will each designate a representative to conduct a walk-through of the Existing Hospital for the purpose of identifying and designating miscellaneous wall-mounted items (not constituting relocated Equipment) to be relocated to the Facility. Project Co will be responsible for the removal, storage, Setup and Installation (as applicable) of the identified items in accordance with the approved Phasing Plan.

6.4 Not Miscellaneous Occupant Services Request Services

Nothing in Sections 6.1, 6.2 or 6.3 will constitute Miscellaneous Occupant Services.

ATTACHMENT 1
EQUIPMENT LIST

See attached.

MEDIVATORS®
SCOPE BUDDY®
Endoscope Flushing Aid



MEDIVATORS®
SCOPE BUDDY®
Endoscope Flushing Aid

Visual display
of endoscope
flushing time

User-selectable
time setting

One-touch
start/stop
operation

Simple and quick
tubing connections



Consistent, hands-free flushing of endoscopes

Reduces the risk of repetitive motion injuries

- Replaces repetitive and labor-intensive syringing of channels
- Hands-free operation reduces muscle fatigue
- Simple push button operation
- Provides constant fluid delivery through all endoscope channels

Shortens manual cleaning time

- Thoroughly flushes most endoscopes in 35 seconds
- Flushes multiple endoscope channels simultaneously
- Quickly and quietly delivers detergent and rinse solutions through endoscope channels

Enhances compliance with endoscope cleaning protocols

- Continuous, timed fluid delivery ensures consistent, repeatable endoscope flushing
- Audible and visual alerts upon completion
- Compatible with all flexible endoscopes including ultrasound and those with elevator wire channels
- Works with your existing sink; compact size accommodates countertop placement or wall mounting
- Improves manual cleaning throughput





Scope Buddy Dimensions

9.5 H x 6 W x 8 D (inches)
 (24.1 H x 15.2 W x 20.3 D (cm))

Unit Weight

10 lbs (4.5 kg)

Electrical Requirements

110 – 230 V, 50/60 Hz

Electrical Safety Certifications

UL Standard 61010-1
 CANADA/USA C22.2 No. 61010-1
 ETL and cETL listed

Fluid Delivery Rate

1 liter/minute

Flush Time

0 – 99 minutes

Timer Control

Digital display with touchpad controls

System Pressure

Built-in safety bypass

Cycle Completion Indicators

Audible and visual alerts

Unit Placement

Counter-top or wall-mounting
 (bracket included)

Warranty

One year

Scope Buddy Ordering Information

Model number	Description
EFA-US-G	North America
EFA-IN-G	International

Accessory Ordering Information

Part number	Description
78399-669	Complete Endoscope Connection Kit
75227-679	Graduated Cylinder

Detergent Ordering Information

Part number	Description
ML02-0106	Intercept Detergent (4 one-gallon bottles/case)



Combine Scope Buddy with Intercept® detergent for...

- Effective endoscope bacterial biofilm penetration and removal
- Superior removal of biological and organic soils
- Assured endoscope compatibility

MEDIVATORS, SCOPE BUDDY and INTERCEPT are registered trademarks of MEDIVATORS Inc.



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 No. 2 Chaoyangmennei Street
 Dongcheng District, Beijing China 100010
 Tel: +8610.6567.8446
 Fax: +8610.6567.8445

www.medivators.com

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OLYMPIC STERILE-DRIERS™

*Bio-Clean Air for Safer
Drying & Packaging*

Model 44



Model 43



- Fast Drying
- HEPA Filtered Air
- Flexible & Convenient Loading
- Large Capacity



OLYMPIC STERILE-DRIERS™

- Speeds drying
- Protects the load while drying
- Provides short-term storage

Olympic Sterile-Driers offer faster drying in bio-clean air, as recommended by infection control authorities. For safety & efficiency, they are the preferred driers following pasteurization or other methods of high-level disinfection.

By the use of HEPA-filtered air, Olympic Sterile-Driers eliminate the threat of airborne pathogens recontaminating wet, warm parts while they are being dried. All air entering the drying chamber first passes through a pre-filter and then a HEPA filter which is 99.97% efficient in removing all particles larger than 0.3 micron.

And Sterile-Driers can dry more parts faster. They can handle large loads with almost any combination of tubes & parts. Faster drying is achieved by Olympic's exclusive recirculating air system that efficiently recaptures heat instead of dissipating it.

These & many other useful features have made Olympic Sterile-Driers the first choice for bio-clean air drying of respiratory and anesthesia breathing tubes and parts.

RECIRCULATING HEAT AND MA

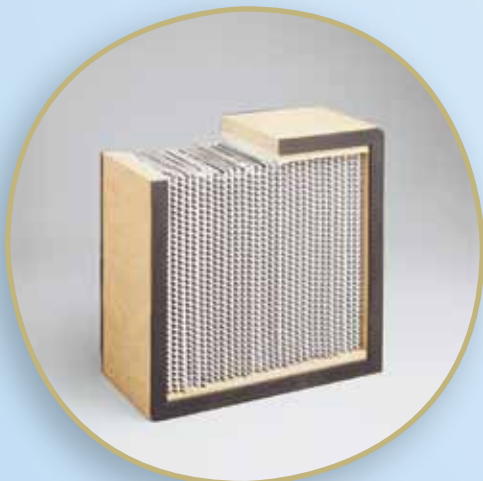
- Pre-Filters**
Removes larger airborne particles. Front-mounted for easy replacement.
- HEPA Filters**
Separate HEPA filter for each drying chamber means greater air flow and longer filter life.



- Microprocessor-based temperature control.
- Digital Countdown Timer.
- Continuous or Timed Operation.



HEPA Filters



Certified class 100 High Efficiency. Particulate Air (HEPA) filters remove 99.97% of all particles larger than 0.3 microns that transport bacteria and viruses. Individually tested to assure entire HEPA filter system is leak-free.

Removeable Trays



Model 44 has nine large 18" x 18" (46 x 46 cm) parts trays standard. Model 43 has three 18" x 18" (46 x 46 cm) trays and six 18" x 9" (46 x 23 cm) half trays standard. Nylon coated to be cool to touch.

ANY OTHER EXCLUSIVE FEATURES



Separate Blowers

Each drying chamber has own blower for quieter operation & greater air volume.

Heaters

Thermostatically controlled.

Recirculating Heat— For Faster Drying

More than 80% of heated air captured & recirculated through HEPA filters results in faster, more efficient drying. Typical time is 40 minutes.

Forced Vertical Airflow

Tubes dry faster because air is forced through interior lumen of each tube.

See-Thru Doors

On all models.

Rust-Proof

All aluminum construction.

Outside Vent Attachment

(Optional, not shown).

Model 44



Large drying capacity can handle full load from an Olympic Pasteurmatic. Model 44 shown with extra trays.

Model 43



Fast drying of tubes and parts.

Bag Drier



Optional Bag Drier solves the problem of drying both the inside and outside of breathing bags after pasteurization. Slides into any Sterile-Drier model manufactured since 1984 and dries up to 16 bags at once.

Slide-Out Tube Holder



Easy-loading tube-holders slide out at convenient height. Holds 35 tubes up to 5 ft. (1.5 m) long. Tube-holders can be replaced with more parts trays or Bag Drier.

More Good Reasons for Selecting Olympic Sterile-Driers

Safety Features

Over-temperature thermal cut-offs on heaters and blower motors. Individually fused, 3-wire hospital-grade electrical connectors. Each Sterile-Drier individually tested for 1,350-volt dielectric insulation.

Electrical Safety

CSA C/US certified to CSA C22.2 1010-1 and UL 61010A-1.

Department Layout Planning

Your Olympic representative can help you lay out an efficient decontamination area, including Sterile-Driers, and Olympic Pasteuramics.

Warranty

Olympic Sterile-Driers are covered by a one-year warranty on parts.

Ordering Information

OLYMPIC STERILE-DRIERS

Model 44 - With 9 full-size parts drying trays and tube-holder for 35 tubes. 46.5" x 20.5" x 86" (118 x 52 x 218 cm). 120V~, 60 Hz, 1700 watts.

CAT. NO. 54344

Model 43 - With 3 full-size parts drying trays, 6 half-size parts drying trays, and tube-holder for 35 tubes. 26" x 20.5" x 86" (66 x 52 x 218 cm). 120V~, 60 Hz, 900 watts.

CAT. NO. 54343

NOTE: All Driers available with optional rear doors and additional trays and tube holders.

ACCESSORIES

Bag Drier - For use with any Olympic Sterile-Drier manufactured since 1984.

CAT. NO. 54355

*For high-level disinfection,
combine pasteurization
with bio-clean drying*

OLYMPIC PASTEURMATIC™ 3000/3500



Washes & pasteurizes in one completely automatic cycle, with minimal labor & handling.

natus®

Natus Medical Incorporated
1501 Industrial Road • San Carlos, CA 94070 USA
1-800-303-0306 • 1-650-802-0400
www.natus.com

For information or ordering
Call 1-800-303-0306
(toll-free in US/Canada)

OLYMPIC STERILE-DRIERS™

*Bio-Clean Air for Safer
Drying & Packaging*

Model 44



Model 43



- Fast Drying
- HEPA Filtered Air
- Flexible & Convenient Loading
- Large Capacity



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- Protects the load while drying
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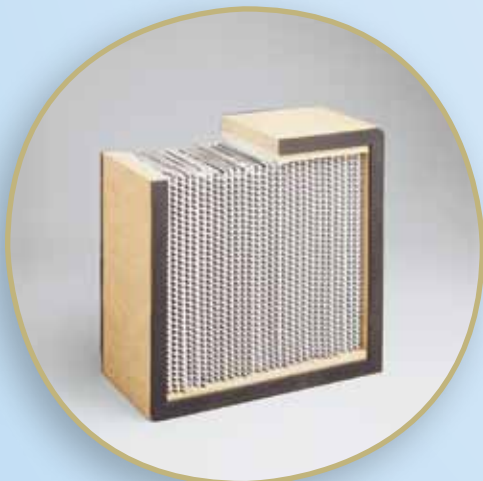
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OLYMPIC PASTEURMATIC™ 3000/3500



Washes & pasteurizes in one completely automatic cycle, with minimal labor & handling.

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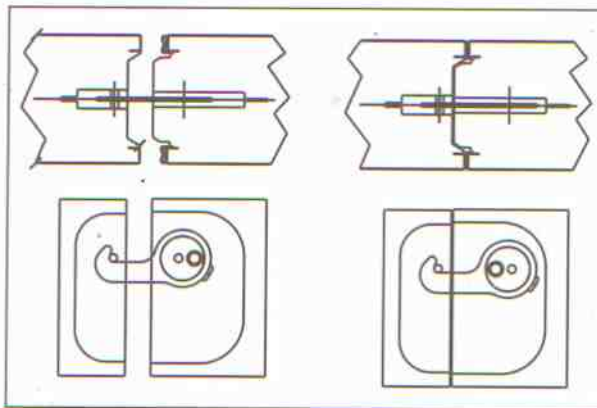
GENERAL PRODUCT INFORMATION

EXPERIENCE

Master-Bilt has been a manufacturer of quality refrigeration equipment of all types for over 65 years and a pioneer in the use of foam insulation since the early 1950s. Master-Bilt has designed and built well over 100,000 refrigerated buildings and cabinets using time-proven urethane foamed-in-place construction. A complete sales and engineering staff is available to work with you in designing the appropriate, technically correct refrigerated structure for your needs.

FOAMED-IN-PLACE PANEL CONSTRUCTION

Master-Bilt pour-type, foamed-in-place panels are offered in standard 4" thickness with optional 5" and 6" thicknesses. They are formed of rigid urethane insulation having a 97% closed cell content to prevent moisture absorption. All panels are interchangeable, precision-formed and feature bulb-type, NSF-listed gaskets. These gaskets are foamed-in-place on the interior and exterior edge



Typical cam-lock connector system showing the cam-lock before actuation (left side) and after.

of each panel to additionally assure a sound, airtight seam at all joints of adjoining panels.

Master-Bilt's standard panel finish is 26 gauge stucco galvalume. However, numerous interior and exterior finish options are available including stucco aluminum, stainless steel, stucco stainless steel, galvanized steel and painted steel. These metals may also be used in combination to provide different finishes for exterior and interior.

THOROUGH TESTING

Master-Bilt walk-in panels are subjected to rigorous independent testing for structural strength and are toxicity evaluated. We have earned the following listings, classifications and certifications:



listing on doors



listing on doors



FM-4880 Class 1
(Panels with stainless steel, painted steel or galvalume finish)



Dade County, Florida
acceptance #05-1222.05.
Renewable after Feb. 6, 2011

- Foam core tested by Underwriters Laboratories, Inc. (file R5692) per UL 723 with the following results: Flame spread 20, smoke 450 @ 6" maximum
- Foam core tested by Factory Mutual (project #3022512) per ASTM E84-03 with the following results: Flame spread 25, smoke 400 @ 4" thickness
- ASTM E84-94A, ASTM E711-87 (1992), ASTM D1929-91A, ASTM D482-91, ASTM D1622-93
- N.Y.C. approval #59-85
- State of California TD 1102
- Los Angeles Research #RR25169
- State of Oregon
- State of Wisconsin
- City of Houston, Texas

GENERAL PRODUCT INFORMATION

In addition, Master-Bilt walk-ins meet the following building codes:

- International Conference of Building Officials (Uniform Building Code)
- Building Officials Conference of America
- Southern Building Code Congress

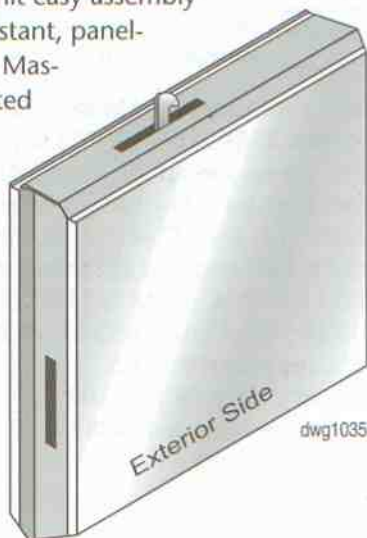
Reports available on request.

FLOOR PANEL CONSTRUCTION

Master-Bilt's polyurethane foamed-in-place floor panels are similar in construction to wall panels with respect to dimensions. When properly supported, floor panels are built to withstand evenly distributed loads up to 700 pounds per square foot (stationary load). All floor panels are connected one to another by placing the foamed tongue of one panel into the foamed groove of the adjoining panel and actuating the cam-action locking device. See Section 6 "Floors and Ceilings" for more information.

VERSATILITY

The basic modular construction of Master-Bilt coolers and freezers makes it a simple matter to disassemble, enlarge or relocate Master-Bilt refrigerated structures according to the demands of your particular business. Cam-lock panel connectors permit easy assembly and leakage resistant, panel-to-panel seams. Master-Bilt refrigerated structures may be designed to function under your existing roof or as a freestanding structure.



Typical panel exterior showing cam-lock connector.

INSULATION

INSULATION VALUES - WALK-IN PANELS

	R10	R20	R30	R40	R50
4" (102mm)	Master-Bilt® Polyurethane Panel	R33.33			
	Polystyrene Panel				
	Fiberglass Panel				
5" (127mm)	Master-Bilt® Polyurethane Panel	R41.67			
	Polystyrene Panel				
	Fiberglass Panel				
6" (152mm)	Master-Bilt® Polyurethane Panel			R50	
	Polystyrene Panel				
	Fiberglass Panel				

INSULATION:

Insulation shall be 4", 5" or 6" thick rigid urethane pour type foamed-in-place using 245fa blowing agent, with tenacious bond to inner and outer metal pans

PANEL THICKNESS	"R" FACTOR (Efficiency)	"U" FACTOR (Overall Coefficient of heat transfer) shall not exceed:	"K" FACTOR (Thermal Conductivity) shall be no more than:
4"	33.33	.030	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit
5"	41.67	.024	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit
6"	50.00	.020	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit

GENERAL PRODUCT INFORMATION

DOOR CONSTRUCTION

Master-Bilt's infitting doors, made with polyurethane foamed-in-place insulation, are lightweight for easy operation. The insulation tenaciously adheres to the interior and exterior metal pan to provide rugged, one-piece durability. Each door is fitted with spring-loaded, cam-lift hinges and heavy-duty hydraulic door closures for effortless closing. An airtight seal is assured by the wide surface, magnetic gasket around the door. The door handle is provided with a deadbolt lock for added security. Low wattage, anti-sweat heaters are concealed in the perimeter of freezer doors and jambs to prevent condensation or frost ac-

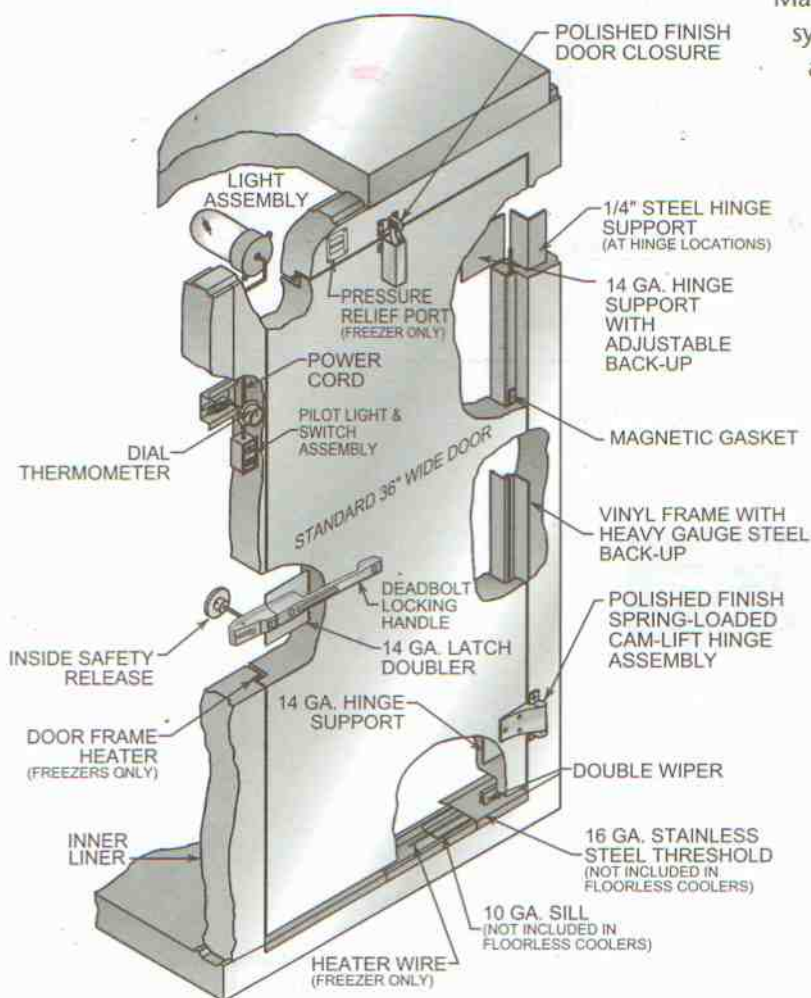
cumulation in areas of high humidity. Master-Bilt standard V-Series doors are constructed with a vinyl frame with a heavy-gauge steel backup. A 1/4" thick steel support plate is welded to the frame at hinge locations to provide support for the hinges. **Field-adjustable hinge backing plates, designed to compensate for any necessary future door adjustment without removal of the door or its frame, are found only in Master-Bilt doors.** All these construction features add up to an efficient door which will close tightly and effortlessly every time. See Section 5 "Doors" for further information.

REFRIGERATION

Master-Bilt offers remote refrigeration systems, including condensing unit and evaporator coil, ranging from 1/2 to 40 H.P. as well as modular multi-compressor systems and packaged systems. All units are factory tested before shipping. Section 8 "Refrigeration Systems" contains more information on this subject.

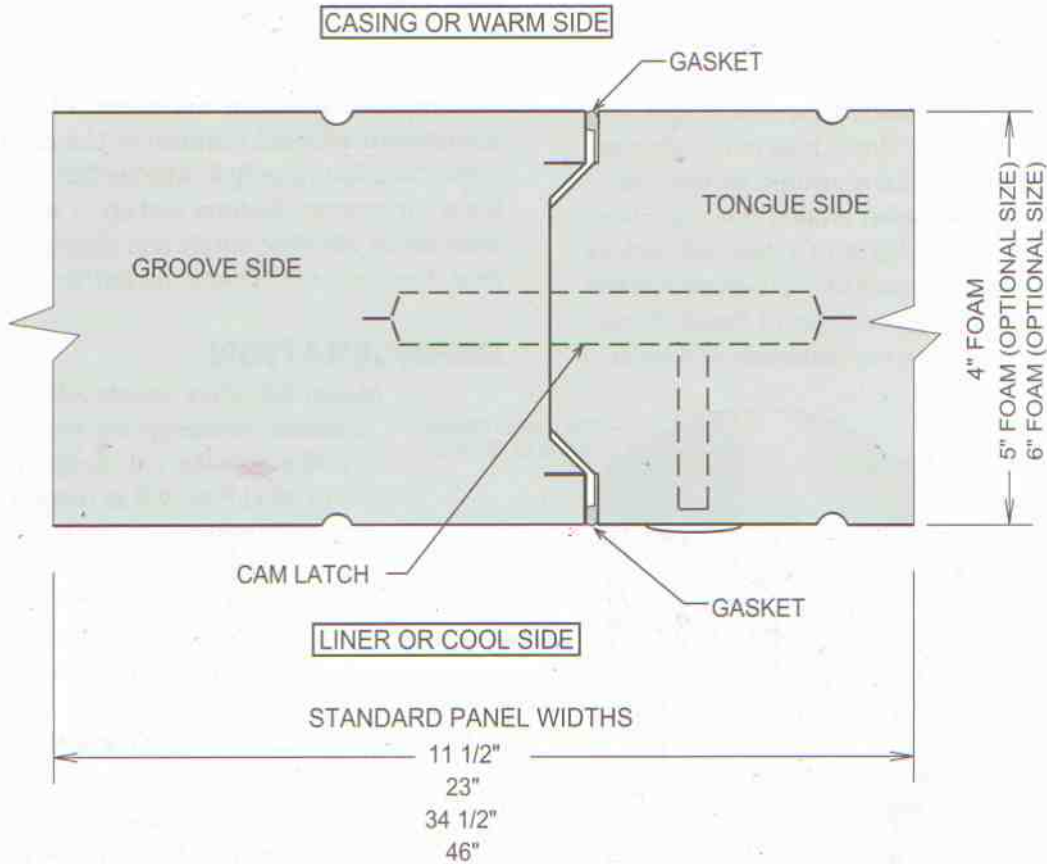
ACCESSORIES

Optional or alternate equipment and accessories for Master-Bilt refrigerated structures include: stainless steel welded wire shelving, floor mats, observation windows, hinged glass merchandising doors, pressure relief ports, door ramps, dial thermometers, sliding cold storage doors, protective roof systems, structural steel support and more. See Section 9 "Options and Accessories" for additional information.



GENERAL PRODUCT INFORMATION

STANDARD PANEL DIMENSIONS



PANEL THICKNESS	WALL PANEL MAX. HEIGHT ACTUAL	CEILING PANEL MAX. WIDTH ACTUAL
4 in. (standard)	27 ft. ¹	27 ft. ²
5 in.	24 ft. ¹	24 ft. ³
6 in.	24 ft. ¹	24 ft. ⁴

¹Additional support needed when exceeding 18'0"
²Additional support needed when exceeding 15'5"
³Additional support needed when exceeding 19'3"
⁴Additional support needed when exceeding 23'1"

Note:
 Dimensions shown are for indoor applications only and predicated upon 10 lbs. per square foot roof loading.
 Dimensions are subject to change depending on specific application and local building authority official's approval.



The Cold Standard

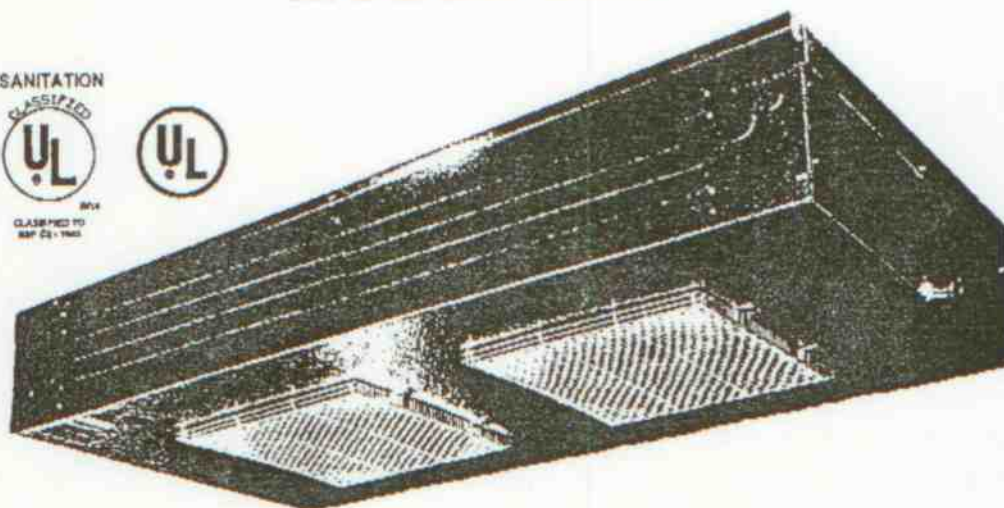
BULLETIN 410.4
(Replaces 410.3)

34

SPACEMIZER

ELECTRIC DEFROST UNIT COOLERS

MODEL SME



UNIT FEATURES

- For applications of +34°F to -20°F (+1°C to -29°C).
- Compact! Gives more usable space in refrigerated area.
- Low height gives more head room and allows product to be stacked higher.
- Allows shelving and storage of product around all walls.
- Heavy gauge grained aluminum cabinet cleans easily and looks attractive.
- Stainless steel screws prevent rust streaks.
- PVC coated fan guards won't rust or rattle.
- Generous coil surface gives proper compressor balance.
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes.
- Sizes to match 3/4 though 3 H.P. condensing units.
- Coils dehydrated and sealed at the factory.
- Motors life-lubricated and thermally protected.
- Factory wired — ready to install.
- Easy to install and service — panels on ends quickly remove for complete access to refrigerant components and electrical terminal block — no need to drop fan panel/drain pan.
- Highest quality tubular heaters provide fast and economical defrost.
- Controls are mounted and wired to a terminal board.
- Quick disconnect, waterproof plug and receptacle for each motor.
- Options include timers, defrost control kits, and heat exchangers.

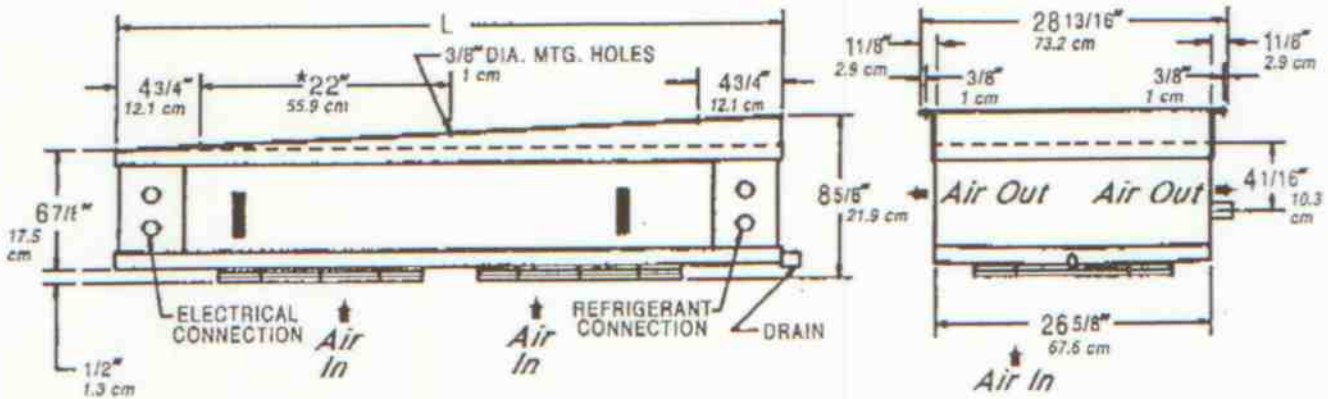
Bohn Refrigeration Products

A Product Line of

Heatcraft Inc. Refrigeration Products Division

Danville, Illinois 61832 • (217) 446-3710 • FAX: (217) 446-2484

MODEL SME DIMENSIONAL DATA



SPECIFICATION DATA

Model No.	Capacities BTUH/kcal/h				Dimensions			Fans		Electrical Amps			Net Weight (Lbs.) kg.	
	60 Hz.		50 Hz.		L in. cm	Inlet OD in.	Suction OD in.	No.	60 Hz. CFM m ³ /h	50 Hz. CFM m ³ /h	Motors			
	10°F TD	12°F TD	6°K	7°K							Shaded Pole	PSC		Heaters
SME (40)	4000 1008	4800 1209	4081 1028	4784 1205	31 1/2 80	1/2	1/8	1	610 1037	550 933	1.1	0.4	5.3	90 41
SME (54)	5400 1361	6480 1633	5510 1388	6455 1626	53 1/2 136	1/2	1/8	2	1300 2210	1170 1989	2.2	0.8	8.7	120 54
SME (65)	6500 1638	7800 1965	6630 1670	7773 1958	53 1/2 136	1/2	1/8	2	1260 2142	1135 1928	2.2	0.8	8.7	120 54
SME (90)	9000 2268	10800 2721	9182 2313	10762 2711	75 1/2 192	1/2	1/8	3	1950 3315	1755 2983	3.3	1.2	10.5	160 73
SME 130	13000 3225	15600 3921	13264 3211	15542 3916	75 1/2 192	1/2	1/8	3	1830 3111	1650 2800	3.3	1.2	15.7	174 79
SME 174	17400 4385	20880 5262	17754 4472	20807 5241	97 1/2 248	1/2	1/8	4	2440 4148	2200 3733	4.4	1.6	20.9	218 99

Units suitable for operation on 208/230/1/60.

All units have 1/4" OD external equalizer and 3/4" F.P.T. drain connection.

* Mounting holes on 22 inch centers.

BOHN reserves the right to make changes in specifications or design, at any time, without notice and without liability to purchasers or owners of previously sold equipment.



Bohn Refrigeration Products

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Dimensional Drawings

OUTDOOR

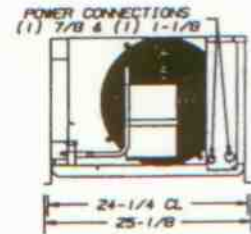
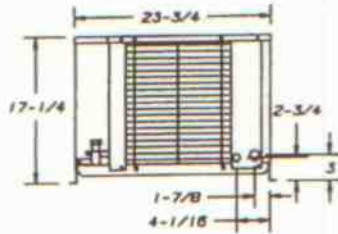
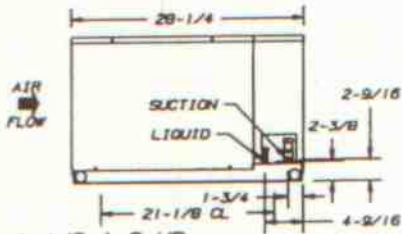
INDOOR

LEFT VIEW

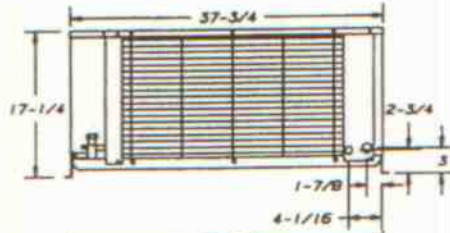
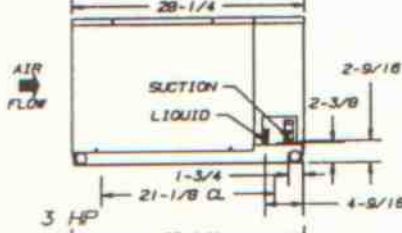
FRONT VIEW

FRONT VIEW

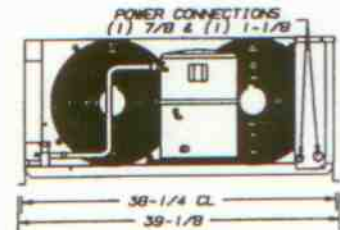
1/2, 3/4 & 1 HP



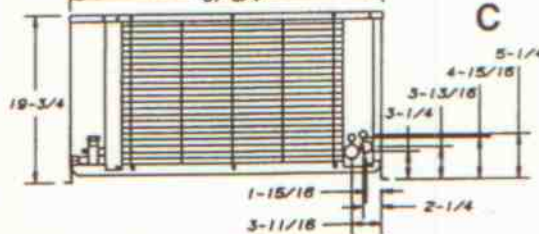
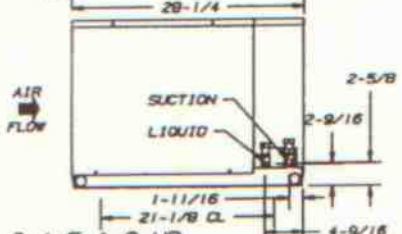
1-1/2 & 2 HP



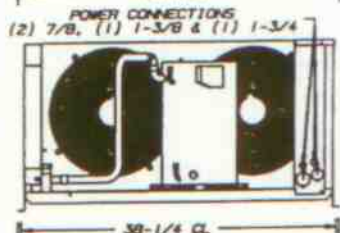
B



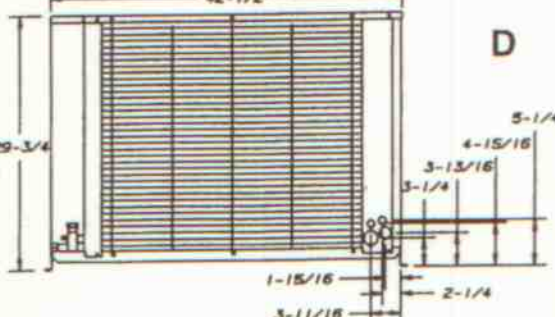
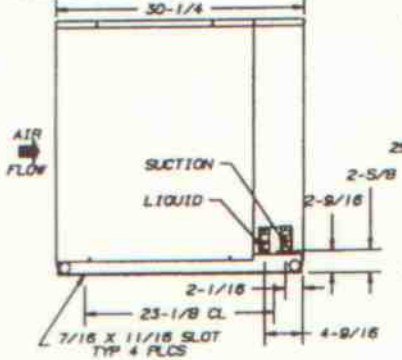
3 HP



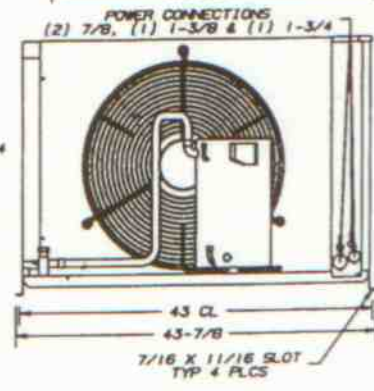
C



3, 4, 5 & 6 HP



D



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1/2 TO 6 HP INDOOR & OUTDOOR CONDENSING UNITS

5

Performance Data - Low Temperature Models - Hermetic Compressors

		Capacity BTU/HR @ 90°F. Ambient Suction Temperature °F.						
HFC-404A/507 Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z	10230	9160	8090	6020	5040	4130	2550
BH*024L6	AH2490Z	17570	15750	13920	10350	8720	7230	4890

		Capacity BTU/HR @ 95°F. Ambient Suction Temperature °F.						
HFC-404A/507 Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z	9840	8810	7780	5790	4850	3970	2450
BH*024L6	AH2490Z	16890	15140	13380	9950	8380	6950	4700

		Capacity BTU/HR @ 100°F. Ambient Suction Temperature °F.						
HFC-404A/507 Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z	9450	8460	7470	5560	4660	3810	2350
BH*024L6	AH2490Z	16210	14530	12840	9550	8040	6670	4510

		Capacity BTU/HR @ 110°F. Ambient Suction Temperature °F.						
HFC-404A/507 Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z	8660	7750	6850	5100	4270	3490	2160
BH*024L6	AH2490Z	14860	13320	11770	8760	7370	6120	4140

Unit Specifications - Hermetic Compressors

Model Number	Fig. ++	Compressor	Connections (ID)		Receiver 90% Full Lbs.	Fan(s)	Dimensions			Ship. Wt. Lbs.	Sound Data dba ¹
			Liquid	Suction			D In.	W In.	H In.		
BH*005H2	A	JRF-0050	3/8	1/2	6	1	28.25	23.75	17.25	161	67
BH*008H2	A	RRG-0100	3/8	1/2	6	1	28.25	23.75	17.25	173	68
BH*010H2	A	REK-0125	3/8	5/8	6	1	28.25	23.75	17.25	172	68
BH*015H2	B	CRA-0150	3/8	5/8	10	2	28.25	37.75	17.25	223	71
BH*020H2	B	CRD-0200	3/8	7/8	10	2	28.25	37.75	17.25	225	72
BH*029M2	C	CRJ-0300	1/2	7/8	16	2	28.25	37.75	19.75	246	72
BH*030H2	D	CRJ-0300	1/2	7/8	22	1	30.25	42.5	29.75	311	73
BH*040H2	D	CRM-0400	1/2	1-1/8	22	1	30.25	42.5	29.75	319	73
BH*050H2	D	CRN-0500	1/2	1-1/8	22	1	30.25	42.5	29.75	333	75
BH*005X6	A	RS43C1E	3/8	1/2	5.5	1	28.25	23.75	17.25	176	68
BH*008X6	A	RS55C1E	3/8	1/2	5.5	1	28.25	23.75	17.25	176	68
BH*009X6	A	RS64C1E	3/8	5/8	5.5	1	28.25	23.75	17.25	179	68
BH*010X6	A	RS70C1E	3/8	5/8	5.5	1	28.25	23.75	17.25	173	68
BH*015X6	B	CS10K6E	3/8	5/8	9	2	28.25	37.75	17.25	230	71
BH*020X6	B	CS12K6E	3/8	7/8	9	2	28.25	37.75	17.25	230	73
BH*025X6	B	CS14K6E	3/8	7/8	9	2	28.25	37.75	17.25	231	74
BH*030X6	D	CS18K6E	1/2	7/8	20	1	30.25	42.5	29.75	314	73
BH*032X6	D	CS20K6E	1/2	7/8	20	1	30.25	42.5	29.75	315	76
BH*040X6	D	CS27K3E	1/2	1-1/8	20	1	30.25	42.5	29.75	315	73
BH*050X6	D	CS33K3E	1/2	1-1/8	20	1	30.25	42.5	29.75	319	73
BH*013L6	A	AH2465Z	3/8	5/8	5.5	1	28.25	23.75	17.25	202	69
BH*024L6	B	AH2490Z	3/8	7/8	9	2	28.25	37.75	17.25	238	72

* = T for Outdoor, N for Indoor, B for Bohnmizer, M for Beacon

++ = See back page for details ¹ = Estimated sound pressure values are 10 feet from the unit. For estimating sound pressure from the unit at different distances, deduct the following from the unit values: 20 feet, deduct 6 dba..... for 40 feet, deduct 12 dba..... for 80 feet, deduct 18 dba. This data is typical of "free field" conditions for horizontal air cooled condensing units at the outlet of the discharge air. The actual sound measurements may vary depending on the condensing unit installation. Factors such as reflecting walls, background noise and mounting conditions may have a significant influence on this data.

HERMETIC COMPRESSORS

1/2 TO 6 HP INDOOR & OUTDOOR CONDENSING UNITS

Electrical Data - Hermetic Compressors

Model Number	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Defrost	
		Volts	Ph	Hz ¹	RLA	LRA	Qty.	HP	FLA	Air	Elec.	Air	Elec.	Fan Amps	Heater Amps
BH*005H2B	ART82C1-CAV	208-230	1	60	5.9	30	1	1/15	0.5	15	20	15	20	8	15
BH*008H2B	RS64C2-CAV	208-230	1	60	6.9	37	1	1/15	0.5	15	20	15	20	8	15
BH*010H2B	RS70C1-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15	20	15	20	7	15
BH*010H2C	RS70C1-TFC	208-230	3	60	4.2	31	1	1/15	0.5	15	20	15	20	8.6	15
BH*015H2B	CR18KQ-PFV	208-230	1	60	8.1	41	2	1/15	1	15	24	15	25	6	19
BH*015H2C	CR18KQ-TF5	208-230	3	60	4.9	40	2	1/15	1	15	24	15	20	7	19
BH*015H2D	CR18KQ-TFD	460	3	60	2.8	23	2	1/15	1	15	20	15	20	0	0
BH*020H2B	CR24KQ-PFV	208-230	1	60	12.2	70.5	2	1/15	1	20	29	25	30	6	23
BH*020H2C	CR24KQ-TF5	208-230	3	60	6.7	40	2	1/15	1	15	24	15	25	9	19
BH*020H2D	CR24KQ-TFD	460	3	60	3.6	28	2	1/15	1	15	20	15	20	0	0
BH*029M2B	CR37KQ-PFV	208-230	1	60	16.7	100.3	2	1/15	1	21.8	38	35	50	12	30
BH*029M2C	CR37KQ-TF5	208-230	3	60	9.9	85	2	1/15	1	15	38	20	40	12	30
BH*029M2D	CR37KQ-TFD	460	3	60	5.0	39	2	1/15	1	15	15	15	25	0	0
BH*030H2B	CR37KQ-PFV	208-230	1	60	16.7	100.3	1	1/3	3.5	24.3	38	40	50	12	30
BH*030H2C	CR37KQ-TF5	208-230	3	60	9.9	85	1	1/3	3.5	20	38	25	40	12	30
BH*030H2D	CR37KQ-TFD	460	3	60	5.0	39	1	1/3	1.9	15	24	15	25	0	0
BH*040H2B	CR53KQ-PFV	208-230	1	60	26.0	140	1	1/3	3.5	36.0	48.0	50	60	12	35
BH*040H2C	CR53KQ-PFV	208-230	3	60	16.3	107	1	1/3	3.5	23.9	38	40	50	12	30
BH*040H2D	CR53KQ-PFV	460	3	60	8.1	55	1	1/3	1.9	15	29	15	30	11	23
BH*050H2B	CRN5-0500-PFV	208-230	1	60	30.8	142.0	1	1/3	3.5	42	59	50	60	12	47
BH*050H2C	CRN5-0500-TF5	208-230	3	60	19.2	130.0	1	1/3	3.5	28	40	45	50	12	30
BH*050H2D	CRN5-0500-TFD	460	3	60	8.7	65.0	1	1/3	1.9	15	29	20	30	10	23
BH*005X6B	RS43C2E-CAV	208-230	1	60	4.8	24.1	1	1/15	0.5	15	20	15	20	8	15
BH*008X6B	RS55C2E-CAV	208-230	1	60	5.4	40	1	1/15	0.5	15	20	15	20	8	15
BH*009X6B	RS64C2E-CAV	208-230	1	60	6.9	37	1	1/15	0.5	15	20	15	20	7	15
BH*010X6B	RS70C1E-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15	20	15	20	7	15
BH*010X6C	RS70C1E-TFC	208-230	3	60	4.2	31	1	1/15	0.5	15	20	15	20	8.6	15
BH*015X6B	CS10K6E-PFV	208-230	1	60	9.8	56	2	1/15	1	15	24	20	25	6	19
BH*015X6C	CS10K6E-TF5	208-230	3	60	6.7	51	2	1/15	1	15	20	15	20	7	15
BH*020X6B	CS12K6E-PFV	208-230	1	60	9.8	56	2	1/15	1	15	24	20	25	6	19
BH*020X6C	CS12K6E-TF5	208-230	3	60	6.7	51	2	1/15	1	15	24	15	25	9	19
BH*025X6B	CS14K6E-PFV	208-230	1	60	11.2	61	2	1/15	1	15	29	25	30	6	23
BH*025X6C	CS14K6E-TF5	208-230	3	60	8.2	55	2	1/15	1	15	24	15	25	9	19
BH*025X6D	CS14K6E-TFD	460	3	60	4.2	28	2	1/15	1	15	20	15	20	0	0
BH*030X6B	CS18K6E-PFV	208-230	1	60	14.4	82.0	1	1/3	3.5	21	38	35	45	12	30
BH*030X6C	CS18K6E-TF5	208-230	3	60	9.4	65.5	1	1/3	3.5	15	29	20	30	7	23
BH*030X6D	CS18K6E-TFD	460	3	60	3.9	33.0	1	1/3	1.9	15	24	15	25	0	0
BH*032X6B	CS20K6E-PFV	208-230	1	60	16.7	96.0	1	1/3	3.5	24	38	40	50	12	30
BH*032X6C	CS20K6E-TF5	208-230	3	60	10.3	75.0	1	1/3	3.5	20	29	25	30	7	23
BH*032X6D	CS20K6E-TFD	460	3	60	4.6	40.0	1	1/3	1.9	15	24	15	25	0	0
BH*040X6B	CS27K6E-PFV	208-230	1	60	21.5	121	1	1/3	3.5	30.3	44	50	60	12	35
BH*040X6C	CS27K6E-TF5	208-230	3	60	13.7	105	1	1/3	3.5	20.7	38	30	45	12	30
BH*040X6D	CS27K6E-TFD	460	3	60	7.6	52	1	1/3	1.9	15	29	15	30	11	23
BH*050X6B	CS33K6E-PFV	208-230	1	60	27.6	125.0	1	1/3	3.5	38.0	59	50	60	12	47
BH*050X6C	CS33K6E-TF5	208-230	3	60	16.8	102	1	1/3	3.5	24.5	38	40	50	12	30
BH*050X6D	CS33K6E-TFD	460	3	60	8.8	48	1	1/3	1.9	15	29	20	30	10	23
BH*011L6B	CF04K6E-PFV	208-230	1	60	8.6	59.2	1	1/15	0.5	15.0	20.0	15	25	7	15
BH*011L6C	CF04K6E-TF5	200-230	3	60	3.9	52.0	1	1/15	0.5	15.0	20.0	15	20	8	15
BH*014L6B	CF06K6E-PFV	208-230	1	60	10.3	59.2	1	1/15	0.5	15.0	20.0	20	25	4	15
BH*014L6C	CF06K6E-TF5	200-230	3	60	6.3	52.0	1	1/15	0.5	15.0	24.0	15	25	9	19
BH*025L6B	CF09K6E-PFV	208-230	1	60	15	87.0	2	1/15	1	20.0	29.0	30	40	6	23
BH*025L6C	CF09K6E-TF5	200-230	3	60	9.2	72.2	2	1/15	1	15.0	21	20	25	7	15
BH*031L6B	CF12K6E-PFV	208-230	1	60	17	105.0	2	1/15	1	22.3	37.5	35	50	12	30
BH*031L6C	CF12K6E-TF5	200-230	3	60	10.7	85.0	2	1/15	1	15.0	28.8	25	30	7	23
BH*031L6D	CF12K6E-TFD	460	3	60	5.3	42.0	2	1/15	1	15.0	23.8	15	25	0	0

* = T for Outdoor, N for Indoor, B for Bohnmizer, S for Beacon II
 Per UL and NEC, RLA values have been calculated by dividing the Maximum Continuous Current (MCC) by 1.56.
 † Power supplied by customer.

‡ Consult factory for 50 HZ applications.



Item # _____

Job _____

METROMAX Q™ SHELVING

with *Microban Antimicrobial Product Protection

Part of the innovative MetroMax iQ™ Storage System, MetroMax Q™ is a longer life storage solution than conventional wire shelving. The product offers durable polymer mats that remove for easy cleaning and protect stored items from damage. Quick adjust shelves and MetroMax iQ accessories provides a very efficient use of storage space. MetroMax Q™ is integrated with online space planning tools and tutorials. www.metro.com/iQ

- Longer-life performance:** Durable, corrosion proof polymer mats protect the shelves from normal wear and tear. Robust epoxy coated steel frames and posts hold as much weight as Metro's wire shelving. Weight capacity for evenly distributed loads:
 800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1220mm)
 600 lbs. (275kg) per shelf for lengths of 54" (1370mm) or longer
 2,000 lbs. (907kg) maximum per stationary unit.
- Interchangeable:** MetroMax Q and MetroMax i™ shelves, posts, and most accessories are compatible on the same unit. Use MetroMax Q shelves with MetroMax i™ polymer posts for increased corrosion protection. Use MetroMax i™ solid shelves when spill containment is required or as a bottom shelf to protect supplies from dirt or backsplashes from mops.
- Easier to clean and maintain:** Polymer mats can be easily removed and cleaned in a sink or dish machine. Microban antimicrobial product protection is built into the high contact areas of the shelf including the mats, frames, and posts to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban protection keeps the product "cleaner between cleanings".
- Quick to Adjust:** Patented corner release allows shelves to be unlocked without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- Smooth, Protective Surfaces:** Smooth shelf mats protect packaged items from unwanted rips, tears, or damage.
- Open Grid and Solid Mat Options:** MetroMax Q is available with open grid mats as standard. Open grid shelves promote air circulation and light penetration.
 MetroMax i™ solid shelves can be used with MetroMax Q grid shelves on the same unit and are available in 18" and 24" (457 and 610mm) depths. For 21" (530mm) deep MetroMax Q, solid mat overlays are available.
- Efficient, Organized Storage:** Premium MetroMax iQ™ accessories efficiently organize, contain, and compartmentalize **all** space between shelves.
- Quick to Assemble:** MetroMax Q assembles easily in minutes, without tools. Shelves can be adjusted at 1" (25mm) increments along the post. Shelf wedges have a window to locate your desired position.



MetroMax Q Mobile Unit



MetroMax Q with Accessories and MetroMax i Solid Bottom Shelf

*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



MetroMax Q™ Polymer and Steel Shelving

9.21



Specifications

- **Shelf frames and posts:** Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- **Shelf Mats:** Injection molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- **Shelf Wedge Connector:** Reinforced nylon.
- **Temperature range:** -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning.

Standard Interchangeable Shelves

- Part number includes shelf with removable mats and one bag of wedges.
- MetroMax Q grid shelves, MetroMax i™ grid and solid shelves are all compatible on the same unit.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	MetroMax Q Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax i™ Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	24 610	MQ1824G	6.2 2.8	MX1824F	12.7 5.8
18 457	30 760	MQ1830G	8.0 3.6	MX1830F	14.5 6.6
18 457	36 914	MQ1836G	9.7 4.4	MX1836F	17.2 7.8
18 457	42 1060	MQ1842G	11.4 5.2	MX1842F	20.1 9.1
18 457	48 1220	MQ1848G	13.2 6.0	MX1848F	23.1 10.5
18 457	54 1372	MQ1854G	15.0 6.8	MX1854F	21.5 9.7
18 457	60 1524	MQ1860G	16.7 7.6	MX1860F	23.2 10.5
18 457	72 1829	MQ1872G	20.0 9.1	MX1872F	27.5 12.5
21 530	24 610	MQ2124G	8.0 3.6	—	—
21 530	30 760	MQ2130G	9.7 4.4	—	—
21 530	36 914	MQ2136G	11.4 5.2	—	—
21 530	42 1060	MQ2142G	12.8 5.8	—	—
21 530	48 1220	MQ2148G	14.5 6.6	—	—
21 530	54 1372	MQ2154G	16.7 7.6	—	—
21 530	60 1524	MQ2160G	18.5 8.4	—	—
21 530	72 1829	MQ2172G	21.7 9.9	—	—
24 610	24 610	MQ2424G	9.7 4.4	MX2424F	14.2 6.4
24 610	30 760	MQ2430G	11.4 5.2	MX2430F	15.9 7.2
24 610	36 914	MQ2436G	13.1 6.0	MX2436F	19.6 8.9
24 610	42 1060	MQ2442G	14.1 6.4	MX2442F	21.5 9.8
24 610	48 1220	MQ2448G	15.8 7.1	MX2448F	25.3 11.5
24 610	54 1372	MQ2454G	18.5 8.4	MX2454F	25.0 11.3
24 610	60 1524	MQ2460G	20.3 9.2	MX2460F	26.8 12.1
24 610	72 1829	MQ2472G	23.5 10.7	MX2472F	31.0 14.1

Actual Dimensions:

Width: Add 3/16" (10mm) to nominal size.
Length: Subtract 3/16" (5mm) from nominal size.



MetroMax Q Open Grid Shelf



MetroMax i™ Solid Shelf

Heavy-Duty Dunnage Shelves

- Corrosion proof MetroMax i™ dunnage shelf is compatible with MetroMax Q.
- Open grid and solid version available.
- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 60" (1524mm) long.
- Dunnage shelves are recommended for use on units with four posts.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	36 914	MHP1836G	18 8.2	MHP1836F	22 10.0
18 457	48 1220	MHP1848G	22 10.0	MHP1848F	26 11.8
18 457	60 1524	MHP1860G	26 11.8	MHP1860F	30 13.6
24 610	36 914	MHP2436G	21 9.5	MHP2436F	25 11.3
24 610	48 1220	MHP2448G	27 12.2	MHP2448F	31 14.1
24 610	60 1524	MHP2460G	33 15.0	MHP2460F	37 16.8

Solid Mat Overlays

- Overlays snap onto the open grid mats to create a solid surface.
- Available for 21" (530mm) deep MetroMax Q shelves.

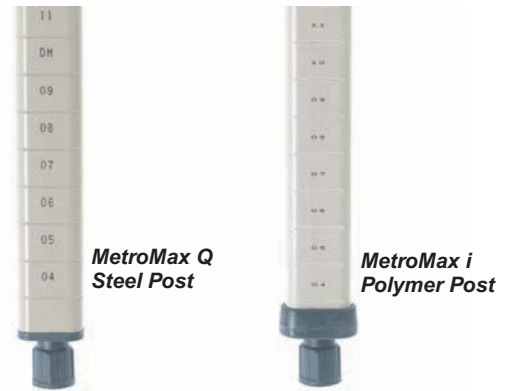
Fits Shelf		Model No.	Approx. Pkd. Wt.	
(in.)	(mm)		(lbs.)	(kg)
21x24	530x610	Q2124SM	0.35	0.16
21x30	530x760	Q2130SM	0.45	0.20
21x36	530x914	Q2136SM	0.50	0.23
21x42	530x1060	Q2142SM	0.60	0.27
21x48	530x1220	Q2148SM	0.70	0.32
21x54	530x1372	Q2154SM	0.80	0.36
21x60	530x1524	Q2160SM	0.90	0.41
21x72	530x1829	Q2172SM	1.00	0.45

METROMAX Q™ POLYMER AND STEEL SHELVING



Standard Interchangeable Posts

- MetroMax Q: Epoxy coated steel with Microban antimicrobial product protection.
- MetroMax i: Polymer with Microban antimicrobial product protection.
- Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 1" (25mm).
- When mounting a shelving unit to a dolly base, stationary posts are used.
- Special height cut posts are available. Consult your Metro representative.



Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	STATIONARY POST WITH LEVELING FOOT Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	14 ³ / ₄	375	MQ13PE	1.0	0.5	MX13P	0.5	0.2
27	685	28 ³ / ₄	730	MQ27PE	2.0	0.9	MX27P	0.9	0.4
33	875	34 ³ / ₄	883	MQ33PE	2.5	1.1	MX33P	1.0	0.5
54	1370	54 ³ / ₄	1391	MQ54PE	4.0	1.8	MX54P	1.6	0.7
63	1585	62 ³ / ₄	1594	MQ63PE	4.5	2.0	MX63P	1.8	0.8
74	1690	74 ³ / ₄	1899	MQ74PE	5.5	2.5	MX74P	2.2	1.0
86	2195	86 ³ / ₄	2203	MQ86PE	6.5	2.9	MX86P	2.5	1.1

Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	POST FOR STEM CASTER Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	13 ³ / ₄	349	MQ13UPE	1.0	0.5	MX13UP	0.5	0.2
27	685	27 ³ / ₄	705	MQ27UPE	2.0	0.9	MX27UP	0.9	0.4
33	875	33 ³ / ₄	857	MQ33UPE	2.5	1.1	MX33UP	1.0	0.5
54	1370	53 ³ / ₄	1365	MQ54UPE	4.0	1.8	MX54UP	1.6	0.7
63	1585	61 ³ / ₄	1568	MQ63UPE	4.5	2.0	MX63UP	1.8	0.8
70	1778	69 ³ / ₄	1765	MQ70UPE	5.0	2.3			
74	1690	73 ³ / ₄	1873	MQ74UPE	5.5	2.5	MX74UP	2.3	1.0
86	2195	85 ³ / ₄	2178	MQ86UPE	6.5	2.9	MX86UP	2.5	1.4

Replacement Leveling Foot:
Model No. RPM3-FOOT

Replacement Post Cap for Steel Post:
Model No. RPMQS-POSTCAP

Replacement Post Cap for Polymer Post:
Model No. RPMXS-POSTCAP

Replacement MetroMax Q Wedges
Model No. MQ9985 Bag of 4



Replacement MetroMax Q Wedges MQ9985

NOTE: Compatibility with existing Metro polymer mat shelving systems

- MQ9985 wedges are compatible with original MetroMax Q shelves and posts.
- The post centers on MetroMax Q have been changed to allow interchangeability with MetroMax i™ shelves. MetroMax Q shelves manufactured within or after April 2009 are not compatible with Q shelves made prior to April 2009.
- MetroMax Q is not compatible with original MetroMax manufactured prior to April 2009.
- Posts listed in above table (ex. MQ74PE, MX74PE) can be used with original MetroMax Q shelves made prior to April 2009.

Post Clamp

Adds stability by joining posts of two separate units together. With it, each unit is supported by four posts and buttressed by the adjacent unit.

Model No. 9994X

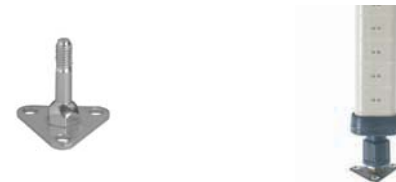


Foot Plate

Use to add stability to the shelving unit or to bolt units to the floor.

Model No. Zinc 9993Z

Model No. Stainless Steel 9993S



Stem Casters

A variety of stem casters are offered for MetroMax i™ mobile applications.

Stem caster models include bumpers.

See Catalog Sheet 11.20 for stem casters.

Load Rating: 3 x Stem Caster Load Rating, maximum — 900 lbs. (363kg) per stem caster cart.



Replacement Bumper M9992DBX



METROMAX Q™ POLYMER AND STEEL SHELVING

Starter and Add-On Units

- 4- and 5-tier models available. Consult the Metro catalog for models.
- Starter units: consist of shelves and (4) posts
- Add-on units: consist of shelves, (2) posts, and “S” Hooks (M9995)

“S” Hook: Used to “add on” one or multiple MetroMax Q™ storage systems while eliminating the cost of two posts per unit. Can be used to join units end-to-end, back-to-back, at right angles, etc. Two “S” hooks are required for each shelf.

Cat. No. M9995



MetroMax Q™ Intermediate

“S” Hook: Use when configuring MetroMax Q Starter and Add-On Units at right angles.

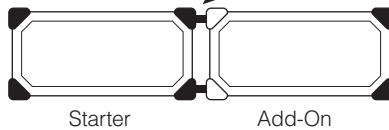
Model No. Q9995Z



	Regular “S” Hook location
	Intermediate bracket location
	Post
	Post not required

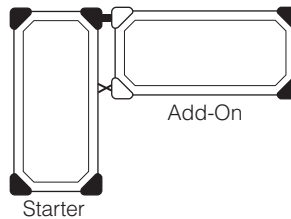
END-TO-END

“S” Hooks
M9995 — qty. 2



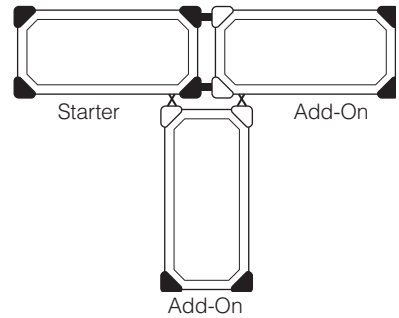
RIGHT ANGLES

Intermediate “S” Hook Kit
Q9995Z — qty. 1; M9995 — qty. 1



COMBINATION

Intermediate “S” Hook Kits
Q9995Z — qty. 2; M9995 — qty. 2



MetroMax Q™ Carts

- 4- and 5-tier models
- Grid shelf models
- Units consist of shelves, (4) posts, (2) swivel, and (2) swivel brake casters.
- Consult the Metro catalog for models.



All Metro Catalog Sheets are available on our Web Site: www.metro.com



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Information and specifications are subject to change without notice. Please confirm at time of order.

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Middle East/Africa: +971.4.811.8286





Item # _____

Job _____



Wire Shelving

SUPER ERECTA SHELF® WIRE SHELVING

- **Unique Design:** The open wire design of these shelves minimizes dust accumulation and allows free circulation of air, greater visibility of stored items and greater light penetration.
 - **Durable Construction:** Super Erecta shelves and posts are constructed of heavy-gauge carbon steel or Type 304 stainless steel.
 - **Choice of Finishes:** Super Erecta Brite™ and chrome-plated for dry storage; Metroseal 3™ with Microban® antimicrobial product protection and stainless steel for corrosive environments; and attractive epoxy color options for merchandising applications.
 - **Versatile:** Super Erecta Shelf® wire shelving can adapt to your changing needs. By using various accessories, hundreds of shelving configurations become possible.
 - **Fast, Secure Assembly:** SiteSelect™ Posts have a double groove visual guide feature every 8" (203mm), circular grooves at 1" (25mm) increments, and are numbered at 2" (50mm) intervals. A patented, tapered split sleeve snaps together around each post. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelf is assembled in minutes without the use of any special tools.
 - **Adjustability:** Shelves can be adjusted at 1" (25mm) intervals along the entire length of the post.
 - **Shelf Ribs:** Run front to back, allowing you to slide items on and off shelves smoothly.
 - **Shelf Accessibility:** Shelves can be loaded/unloaded easily from all sides. This open construction allows maximum use of storage cube.
 - **Adjustable Feet:** Bolt levelers compensate for surface irregularities.
- Note:** Stainless stationary posts are equipped with stainless steel leveling feet.



*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.

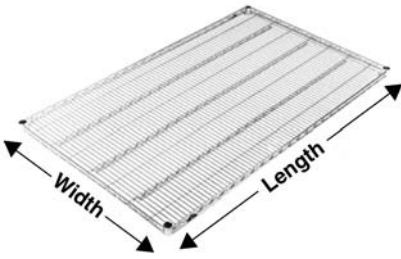


InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



10-01

Wire Shelves



Split Sleeve



Aluminum Split Sleeve

- **Metroseal 3:** Metro's proprietary epoxy coating contains Microban® antimicrobial product protection. Microban antimicrobial protects the epoxy coating from bacteria, mold, mildew, and fungus that cause odors, stains, and product degradation.
- See spec sheet 10.14 for epoxy color options.
- Plastic split sleeves are included with each shelf
Replacements are available: Cat. No. 9985 (bag of 4)
- Aluminum split sleeves are recommended for abusive mobile applications and autoclave applications.
Cat. No. 9986Z (bag of 4 with zinc C-rings)
Cat. No. 9986S (bag of 4 with stainless steel C-rings)
- Load capacity (evenly distributed) per shelf
Depths: 14" to 24" (355 to 610mm)
800 lbs. (363kg) for lengths of 18" to 48" (457 to 1219mm)
600 lbs. (272kg) for lengths of 54" (1370mm) or longer
- Load capacity (evenly distributed) per unit.
Stationary shelving units have a maximum load capacity (evenly distributed) of 2,000 lbs. (907kg)
Mobile units have a maximum capacity of three times the caster load rating up to but not exceeding 1,000 lbs. (453kg) total. Consult the Metro catalog for caster load ratings
- SUPER ERECTA SHELF meets Government Specifications MIL-S-40144E.

Model No. Super Erecta Brite	Model No. Chrome	Model No. Metroseal 3 with Microban®	Model No. Stainless	Nominal Width/Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)
1424BR	1424NC	1424NK3	1424NS	14x24 355x610	6 2.7
1430 BR	1430NC	1430NK3	1430NS	14x30 355x760	7 3.2
1436BR	1436NC	1436NK3	1436NS	14x36 355x914	8 3.6
1442BR	1442NC	1442NK3	1442NS	14x42 355x1066	9 1/2 4.3
1448BR	1448NC	1448NK3	1448NS	14x48 355x1219	10 1/2 4.7
1460BR	1460NC	1460NK3	1460NS	14x60 355x1524	14 6.3
1472BR	1472NC	1472NK3	1472NS	14x72 355x1829	17 7.7
1824BR	1824NC	1824NK3	1824NS	18x24 457x610	7 3.2
1830BR	1830NC	1830NK3	1830NS	18x30 457x760	8 3.6
1836BR	1836NC	1836NK3	1836NS	18x36 457x914	9 1/2 4.3
1842BR	1842NC	1842NK3	1842NS	18x42 457x1066	11 5.0
1848BR	1848NC	1848NK3	1848NS	18x48 457x1219	12 5.4
1854BR	1854NC	1854NK3	1854NS	18x54 457x1370	14 1/2 6.6
1860BR	1860NC	1860NK3	1860NS	18x60 457x1524	17 7.7
1872BR	1872NC	1872NK3	1872NS	18x72 457x1829	20 9.1
2124BR	2124NC	2124NK3	2124NS	21x24 530x610	8 3.6
2130BR	2130NC	2130NK3	2130NS	21x30 530x760	9 4.1
2136BR	2136NC	2136NK3	2136NS	21x36 530x914	11 5.0
2142BR	2142NC	2142NK3	2142NS	21x42 530x1066	12 5.4
2148BR	2148NC	2148NK3	2148NS	21x48 530x1219	14 6.4
2154BR	2154NC	2154NK3	2154NS	21x54 530x1370	16 7.3
2160BR	2160NC	2160NK3	2160NS	21x60 530x1524	18 8.2
2172BR	2172NC	2172NK3	2172NS	21x72 530x1829	24 10.9
2424BR	2424NC	2424NK3	2424NS	24x24 610x610	9 4.1
2430BR	2430NC	2430NK3	2430NS	24x30 610x760	11 5.0
2436BR	2436NC	2436NK3	2436NS	24x36 610x914	13 5.9
2442BR	2442NC	2442NK3	2442NS	24x42 610x1066	15 6.8
2448BR	2448NC	2448NK3	2448NS	24x48 610x1219	16 7.3
2454BR	2454NC	2454NK3	2454NS	24x54 610x1370	19 8.6
2460BR	2460NC	2460NK3	2460NS	24x60 610x1524	21 9.5
2472BR	2472NC	2472NK3	2472NS	24x72 610x1829	26 11.8

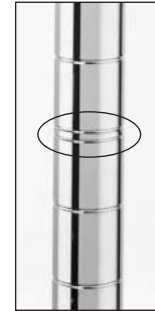
Note: 14" (355mm) deep units.
Free-standing units: Foot plates should be used and secured to the floor.
Mobile units: maximum allowable post height is 54" (1370mm).

SiteSelect™ Posts

Stationary Posts

Stationary posts are equipped with a leveling bolt to account for uneven floors.

- Height includes leveling bolt (completely tightened) and post cap. Leveling bolt can be adjusted 1/2" (13mm).
- Foot plates may be ordered separately and installed in place of leveling foot.
- Replacement leveling bolts
Zinc Cat. No. RPF04-004 Stainless Steel Cat. No. RPF04-004C
- Replacement post cap for standard posts
Black Cat. No. RPC06-035



SiteSelect Posts feature double grooves every 8" (203mm) to aid assembly.

Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
7P			7 ³ / ₈	187	1/2	0.3
13P	13PK3	13PS	14 ³ / ₈	365	1	0.5
27P		27PS	28 ³ / ₈	720	1 ³ / ₄	0.75
33P	33PK3	33PS	34 ³ / ₈	873	2	0.9
54P	54PK3	54PS	54 ⁷ / ₁₆	1382	3	1.4
63P	63PK3	63PS	62 ⁷ / ₁₆	1585	3 ¹ / ₂	1.6
74P	74PK3	74PS	74 ¹ / ₂	1892	4	1.8
86P	86PK3	86PS	86 ¹ / ₂	2197	5	2.3
*96P			96 ¹ / ₂	2450	5 ¹ / ₂	2.5

*96P should not be used on units less than 24" (610mm) deep. Consult Metro Engineering for alternate recommendations.

Mobile Posts (For use with Stem Casters)

- Height includes post cap.

Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
27UP		27UPS	27 ³ / ₄	704	1 ³ / ₄	0.75
33UP	33UPK3	33UPS	33 ³ / ₄	857	2	0.9
54UP	54UPK3	54UPS	53 ¹³ / ₁₆	1366	3	1.4
63UP	63UPK3	63UPS	61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6
	70UPK3		69 ³ / ₄	1771	3 ³ / ₄	1.7
74UP	74UPK3	74UPS	73 ⁷ / ₈	1876	4	1.8
86UP	86UPK3	86UPS	85 ⁷ / ₈	2181	4 ¹ / ₂	2.0

Staked Posts (For use with Truck Dollies)

- Each post connects to the truck dolly through the stem receptacle. The stem receptacle is staked into the bottom of the post to ensure a durable connection in abusive mobile applications.
- Each includes a leveling/connecting bolt.

Model No. Chrome	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
		(in.)	(mm)	(lbs.)	(kg)
54P-STKD	54PS-STKD	54 ⁷ / ₁₆	1382	3	1.4
63P-STKD	63PS-STKD	62 ⁷ / ₁₆	1585	3 ¹ / ₂	1.6
74P-STKD	74PS-STKD	74 ¹ / ₂	1892	4	1.8

Swedged Posts (For use with Stem Casters in Cart Wash Applications)

- Each post has an aluminum cap swedged into the top of the post.

Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
33UPS-SW	33 ³ / ₄	857	2	0.9
54UPS-SW	53 ¹³ / ₁₆	1366	3	1.4
63UPS-SW	61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6

Special Length Posts

Special length cut posts are available. Consult your Metro representative for more information.



SUPER ERECTA SHELF® WIRE SHELVING

Super Wide Shelving

- **High-density Storage:** Super Wide™ shelves have a greater storage area for holding large quantities of supplies, especially large, bulky objects, providing maximum storage in minimum space.
- **Load Capacity** (evenly distributed) per shelf:
Depths: 30" and 36" (760 and 914mm)
600 lbs. (272kg) for lengths 48" (1219mm) or shorter.
400 lbs. (181kg) for lengths 54" (1370mm) or longer.



Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Nominal Width/Length		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
3036NC	3036NK3	3036NS	30x36	760x914	15	6.8
3048NC	3048NK3	3048NS	30x48	760x1219	21	9.5
3060NC	3060NK3	3060NS	30x60	760x1524	26 ¹ / ₂	11.8
3072NC	3072NK3	3072NS	30x72	760x1829	31	14.0
3636NC	3636NK3	3636NS	36x36	910x914	18	8.2
3648NC	3648NK3	3648NS	36x48	910x1219	23	10.4
3660NC	3660NK3	3660NS	36x60	910x1524	29	13.1
3672NC	3672NK3	3672NS	36x72	910x1829	34 ¹ / ₂	15.4

Foot Plates

- Use to bolt units to the floor, or when a broader, more stable foot is desired. Foot plates also help to protect floors by distributing the point load of the shelving unit across a larger contact point.
- Foot plates (completely tightened) add 1/8" (3mm) to the specified heights of each stationary post on the table.
Zinc Cat. No. 9993Z
Stainless Steel Cat. No. 9993S



"S" Hook

- Used to add on shelving units with only two posts required. Order two per shelf level.
Cat. No. 9995Z



All Metro Catalog Sheets are available on our Web Site: www.metro.com



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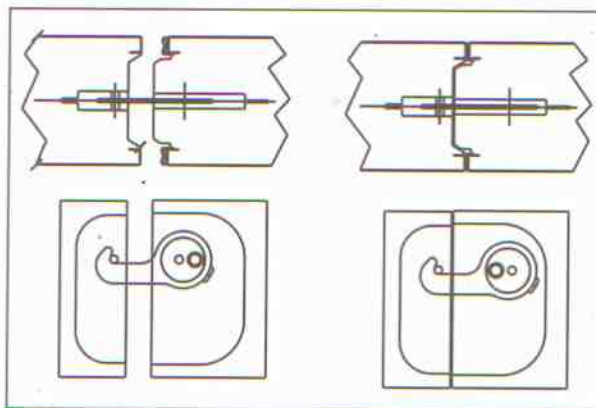
GENERAL PRODUCT INFORMATION

EXPERIENCE

Master-Bilt has been a manufacturer of quality refrigeration equipment of all types for over 65 years and a pioneer in the use of foam insulation since the early 1950s. Master-Bilt has designed and built well over 100,000 refrigerated buildings and cabinets using time-proven urethane foamed-in-place construction. A complete sales and engineering staff is available to work with you in designing the appropriate, technically correct refrigerated structure for your needs.

FOAMED-IN-PLACE PANEL CONSTRUCTION

Master-Bilt pour-type, foamed-in-place panels are offered in standard 4" thickness with optional 5" and 6" thicknesses. They are formed of rigid urethane insulation having a 97% closed cell content to prevent moisture absorption. All panels are interchangeable, precision-formed and feature bulb-type, NSF-listed gaskets. These gaskets are foamed-in-place on the interior and exterior edge



Typical cam-lock connector system showing the cam-lock before actuation (left side) and after.

of each panel to additionally assure a sound, airtight seam at all joints of adjoining panels.

Master-Bilt's standard panel finish is 26 gauge stucco galvalume. However, numerous interior and exterior finish options are available including stucco aluminum, stainless steel, stucco stainless steel, galvanized steel and painted steel. These metals may also be used in combination to provide different finishes for exterior and interior.

THOROUGH TESTING

Master-Bilt walk-in panels are subjected to rigorous independent testing for structural strength and are toxicity evaluated. We have earned the following listings, classifications and certifications:

 listing on doors	 listing on doors	
 FM-4880 Class 1 (Panels with stainless steel, painted steel or galvalume finish)	 MIAMI-DADE COUNTY Dade County, Florida acceptance #05-1222.05. Renewable after Feb. 6, 2011	

- Foam core tested by Underwriters Laboratories, Inc. (file R5692) per UL 723 with the following results: Flame spread 20, smoke 450 @ 6" maximum
- Foam core tested by Factory Mutual (project #3022512) per ASTM E84-03 with the following results: Flame spread 25, smoke 400 @ 4" thickness
- ASTM E84-94A, ASTM E711-87 (1992), ASTM D1929-91A, ASTM D482-91, ASTM D1622-93
- N.Y.C. approval #59-85
- State of California TD 1102
- Los Angeles Research #RR25169
- State of Oregon
- State of Wisconsin
- City of Houston, Texas

GENERAL PRODUCT INFORMATION

In addition, Master-Bilt walk-ins meet the following building codes:

- International Conference of Building Officials (Uniform Building Code)
- Building Officials Conference of America
- Southern Building Code Congress

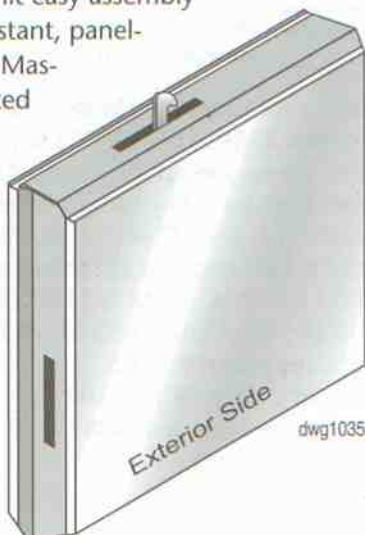
Reports available on request.

FLOOR PANEL CONSTRUCTION

Master-Bilt's polyurethane foamed-in-place floor panels are similar in construction to wall panels with respect to dimensions. When properly supported, floor panels are built to withstand evenly distributed loads up to 700 pounds per square foot (stationary load). All floor panels are connected one to another by placing the foamed tongue of one panel into the foamed groove of the adjoining panel and actuating the cam-action locking device. See Section 6 "Floors and Ceilings" for more information.

VERSATILITY

The basic modular construction of Master-Bilt coolers and freezers makes it a simple matter to disassemble, enlarge or relocate Master-Bilt refrigerated structures according to the demands of your particular business. Cam-lock panel connectors permit easy assembly and leakage resistant, panel-to-panel seams. Master-Bilt refrigerated structures may be designed to function under your existing roof or as a freestanding structure.



Typical panel exterior showing cam-lock connector.

INSULATION

INSULATION VALUES - WALK-IN PANELS

	R10	R20	R30	R40	R50
4" (102mm)	Master-Bilt® Polyurethane Panel	R33.33			
	Polystyrene Panel				
	Fiberglass Panel				
5" (127mm)	Master-Bilt® Polyurethane Panel	R41.67			
	Polystyrene Panel				
	Fiberglass Panel				
6" (152mm)	Master-Bilt® Polyurethane Panel	R50			
	Polystyrene Panel				
	Fiberglass Panel				

INSULATION:

Insulation shall be 4", 5" or 6" thick rigid urethane pour type foamed-in-place using 245fa blowing agent, with tenacious bond to inner and outer metal pans

PANEL THICKNESS	"R" FACTOR (Efficiency)	"U" FACTOR (Overall Coefficient of heat transfer) shall not exceed:	"K" FACTOR (Thermal Conductivity) shall be no more than:
4"	33.33	.030	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit
5"	41.67	.024	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit
6"	50.00	.020	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit

GENERAL PRODUCT INFORMATION

DOOR CONSTRUCTION

Master-Bilt's infitting doors, made with polyurethane foamed-in-place insulation, are lightweight for easy operation. The insulation tenaciously adheres to the interior and exterior metal pan to provide rugged, one-piece durability. Each door is fitted with spring-loaded, cam-lift hinges and heavy-duty hydraulic door closures for effortless closing. An airtight seal is assured by the wide surface, magnetic gasket around the door. The door handle is provided with a deadbolt lock for added security. Low wattage, anti-sweat heaters are concealed in the perimeter of freezer doors and jambs to prevent condensation or frost ac-

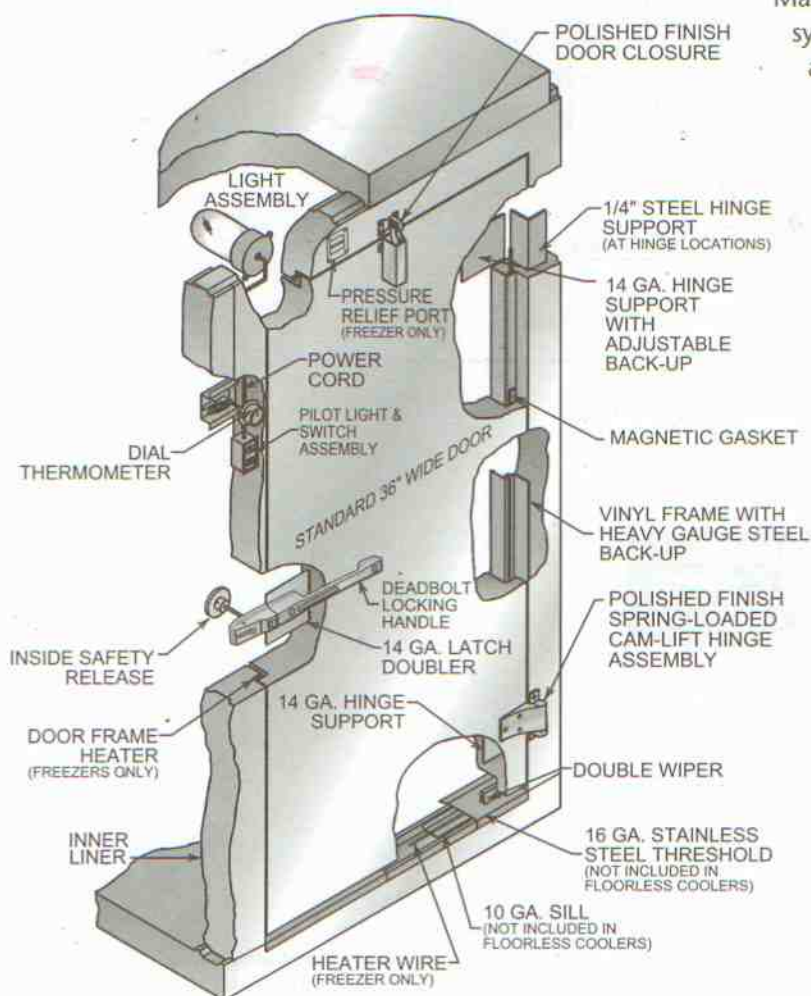
cumulation in areas of high humidity. Master-Bilt standard V-Series doors are constructed with a vinyl frame with a heavy-gauge steel backup. A 1/4" thick steel support plate is welded to the frame at hinge locations to provide support for the hinges. **Field-adjustable hinge backing plates, designed to compensate for any necessary future door adjustment without removal of the door or its frame, are found only in Master-Bilt doors.** All these construction features add up to an efficient door which will close tightly and effortlessly every time. See Section 5 "Doors" for further information.

REFRIGERATION

Master-Bilt offers remote refrigeration systems, including condensing unit and evaporator coil, ranging from 1/2 to 40 H.P. as well as modular multi-compressor systems and packaged systems. All units are factory tested before shipping. Section 8 "Refrigeration Systems" contains more information on this subject.

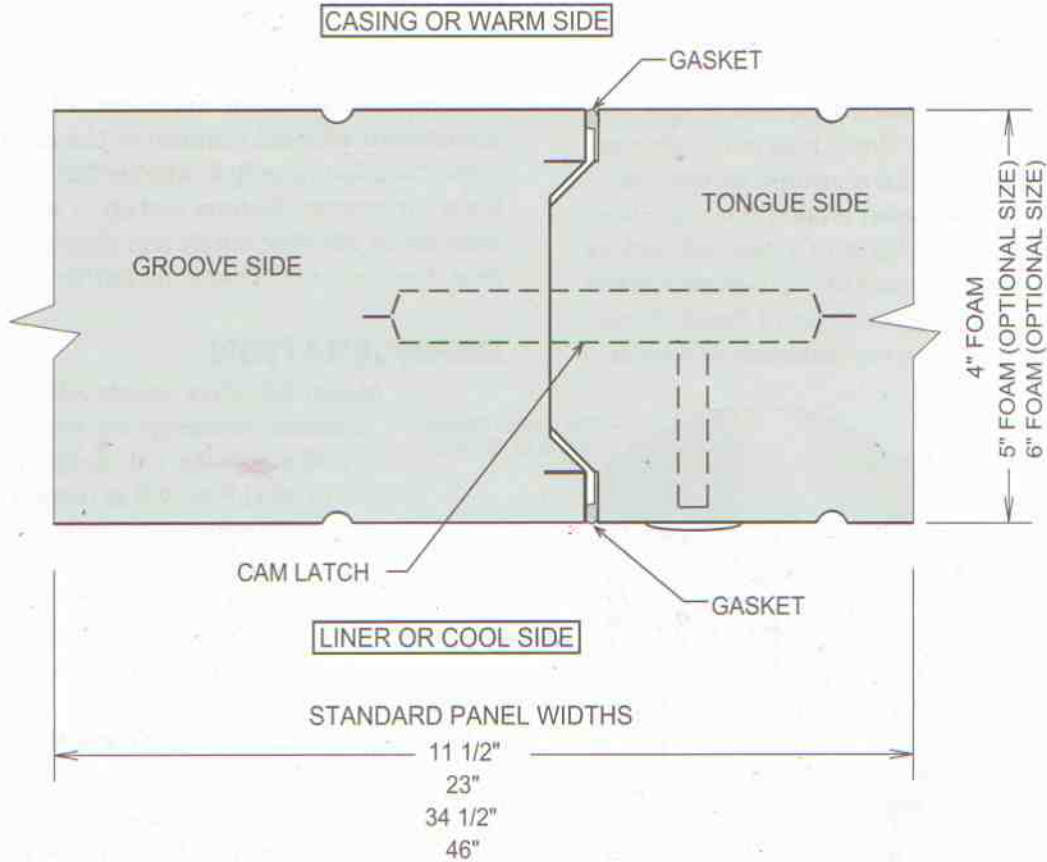
ACCESSORIES

Optional or alternate equipment and accessories for Master-Bilt refrigerated structures include: stainless steel welded wire shelving, floor mats, observation windows, hinged glass merchandising doors, pressure relief ports, door ramps, dial thermometers, sliding cold storage doors, protective roof systems, structural steel support and more. See Section 9 "Options and Accessories" for additional information.



GENERAL PRODUCT INFORMATION

STANDARD PANEL DIMENSIONS



PANEL THICKNESS	WALL PANEL MAX. HEIGHT ACTUAL	CEILING PANEL MAX. WIDTH ACTUAL
4 in. (standard)	27 ft. ¹	27 ft. ²
5 in.	24 ft. ¹	24 ft. ³
6 in.	24 ft. ¹	24 ft. ⁴

¹Additional support needed when exceeding 18'0"

²Additional support needed when exceeding 15'5"

³Additional support needed when exceeding 19'3"

⁴Additional support needed when exceeding 23'1"

Note:

Dimensions shown are for indoor applications only and predicated upon 10 lbs. per square foot roof loading. Dimensions are subject to change depending on specific application and local building authority official's approval.

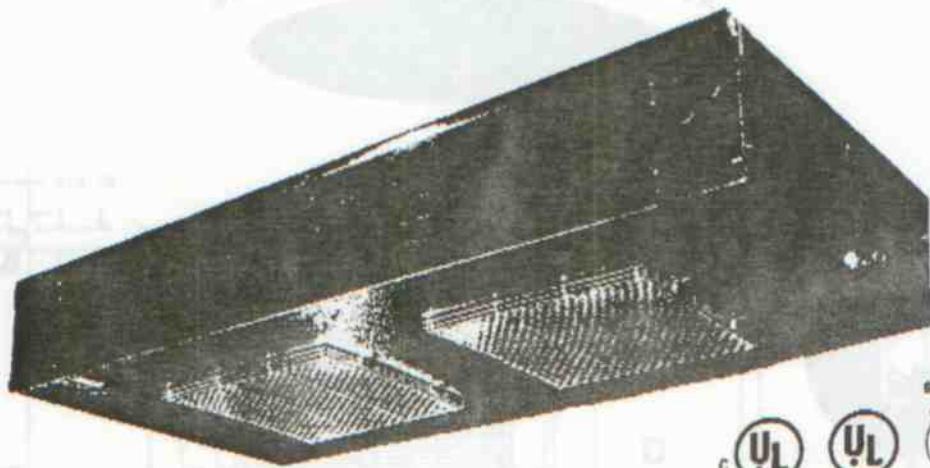


The Cold Standard

BULLETIN 320.3
(Replaces 320.2)
AUGUST 1994

9

SPACEMIZER™ MODEL SM AIR DEFROST UNIT COOLERS



UNIT FEATURES

- For applications of +35°F (+2°C) and above.
- Compact! Gives more usable space in refrigerated area.
- Low height gives more head room and allows product to be stacked higher.
- Allows shelving and storage of product around all walls.
- Gentle air movement from center of cooler stabilizes temperature and humidity - keeps product fresh longer - looks better, less drying, less weight loss - more profit!
- Heavy gauge grained aluminum cabinet cleans easily and looks attractive.
- Stainless steel screws prevent rust streaks.
- PVC coated fan guards won't rust or rattle.
- Dual drain pans prevent sweating.
- Generous coil surface gives proper compressor balance.
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes.
- Sizes to match 3/4 through 3 H.P. condensing units.
- Coils dehydrated and sealed at the factory.
- Motors life-lubricated and thermally protected.
- Factory wired — ready to install.
- Easy to install and service — panels on ends quickly remove for complete access to refrigerant components — no need to drop fan panel/drain pan.
- Optional 208/230 volt and PSC motors available.
- PSC motors standard on 50 Hz.

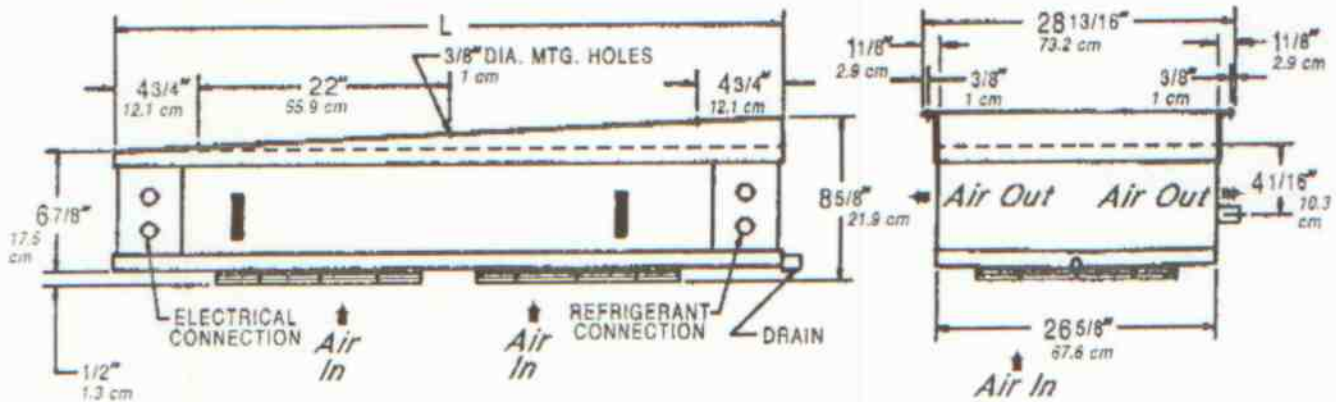
Bohn Refrigeration Products

A Product Line of

Heatcraft Inc. Refrigeration Products Division

Danville, Illinois 61832 • (217) 446-3710 • FAX: (217) 446-2484

MODEL SM DIMENSIONAL DATA



SPECIFICATION DATA

Model No.	Capacities BTUH/kcal/h				Dimensions				Fans				Electrical Amps				Net Weight (Lbs.) kg.
	60 Hz.		50 Hz.		L in. cm	Inlet OD in.	Suction OD in.	No.	60 Hz.	50 Hz.	60 Hz.		50 Hz.				
	10°F TD	15°F TD	6°K	8°K					CFM	CFM	115 Volts	230 Volts	110 Volts	220 Volts			
SM052	5200	7800	5300	7125	31 1/4	1/2	1/4	1	610	550	2.1	1.1	0.8	0.4	42		
SM076	7600	11400	7760	10400	53 1/2	1/2	1/4	2	1300	1170	4.2	2.2	1.7	0.8	64		
SM090	9000	13500	9190	12325	53 1/4	1/2	1/4	2	1260	1135	4.2	2.2	1.7	0.8	70		
SM102	10200	15300	10400	13975	53 1/2	1/2	1/4	2	1220	1100	4.2	2.2	1.7	0.8	83		
SM108	10800	16200	11015	14790	75 1/2	1/2	1/4	3	1950	1755	6.3	3.3	2.5	1.2	105		
SM134	13400	20100	13655	18340	75 1/2	1/2	1/4	3	1890	1700	6.3	3.3	2.5	1.2	117		
SM156	15600	23400	15920	21355	75 1/2	1/2	1/4	3	1830	1650	6.3	3.3	2.5	1.2	123		
SM179	17900	26850	18260	24515	97 1/2	1/2	1 1/4	4	2520	2270	8.4	4.4	3.3	1.6	149		
SM208	20800	31200	21220	28485	97 1/2	1/2	1 1/4	4	2440	2200	8.4	4.4	3.3	1.6	164		
SM249	24900	37350	25410	34100	119 1/2	1/2	1 1/4	5	3050	2745	10.5	5.5	4.2	2.0	206		

All units have 1/2" OD external equalizer and 1/4" P.P.T. drain connection.

* 60 Hz. units have shaded pole motors.

† 50 Hz. units have PSC motors.

Bohn reserves the right to make changes in specifications or design, at any time, without notice and without liability to purchasers or owners of previously sold equipment.



Bohn Refrigeration Products
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Danville, Illinois 61832 • (217) 446-3710 • FAX: (217) 446-2484

1/2 TO 6 HP INDOOR & OUTDOOR CONDENSING UNITS

10

Performance Data - Low Temperature Models - Hermetic Compressors

HFC-404A/507 Model		Compressor	Capacity BTU/HR @ 90°F. Ambient Suction Temperature °F.						
			0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z		10230	9160	8090	6020	5040	4130	2550
BH*024L6	AH2490Z		17570	15750	13920	10350	8720	7230	4890

HFC-404A/507 Model		Compressor	Capacity BTU/HR @ 95°F. Ambient Suction Temperature °F.						
			0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z		9840	8810	7780	5790	4850	3970	2450
BH*024L6	AH2490Z		16890	15140	13380	9950	8380	6950	4700

HFC-404A/507 Model		Compressor	Capacity BTU/HR @ 100°F. Ambient Suction Temperature °F.						
			0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z		9450	8460	7470	5560	4660	3810	2350
BH*024L6	AH2490Z		16210	14530	12840	9550	8040	6670	4510

HFC-404A/507 Model		Compressor	Capacity BTU/HR @ 110°F. Ambient Suction Temperature °F.						
			0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
BH*013L6	AH2465Z		8660	7750	6850	5100	4270	3490	2160
BH*024L6	AH2490Z		14860	13320	11770	8760	7370	6120	4140

Unit Specifications - Hermetic Compressors

Model Number	Fig. ++	Compressor	Connections (ID)		Receiver 90% Full Lbs.	Fan(s)	Dimensions			Ship. Wt. Lbs.	Sound Data dba ¹
			Liquid	Suction			D In.	W In.	H In.		
BH*005H2	A	JRF-0050	3/8	1/2	6	1	28.25	23.75	17.25	161	67
BH*008H2	A	RRG-0100	3/8	1/2	6	1	28.25	23.75	17.25	173	68
BH*010H2	A	REK-0125	3/8	5/8	6	1	28.25	23.75	17.25	172	68
BH*015H2	B	CRA-0150	3/8	5/8	10	2	28.25	37.75	17.25	223	71
BH*020H2	B	CRD-0200	3/8	7/8	10	2	28.25	37.75	17.25	225	72
BH*029M2	C	CRJ-0300	1/2	7/8	16	2	28.25	37.75	19.75	246	72
BH*030H2	D	CRJ-0300	1/2	7/8	22	1	30.25	42.5	29.75	311	73
BH*040H2	D	CRM-0400	1/2	1-1/8	22	1	30.25	42.5	29.75	319	73
BH*050H2	D	CRN-0500	1/2	1-1/8	22	1	30.25	42.5	29.75	333	75
BH*005X6	A	RS43C1E	3/8	1/2	5.5	1	28.25	23.75	17.25	176	68
BH*008X6	A	RS55C1E	3/8	1/2	5.5	1	28.25	23.75	17.25	176	68
BH*009X6	A	RS64C1E	3/8	5/8	5.5	1	28.25	23.75	17.25	179	68
BH*010X6	A	RS70C1E	3/8	5/8	5.5	1	28.25	23.75	17.25	173	68
BH*015X6	B	CS10K6E	3/8	5/8	9	2	28.25	37.75	17.25	230	71
BH*020X6	B	CS12K6E	3/8	7/8	9	2	28.25	37.75	17.25	230	73
BH*025X6	B	CS14K6E	3/8	7/8	9	2	28.25	37.75	17.25	231	74
BH*030X6	D	CS18K6E	1/2	7/8	20	1	30.25	42.5	29.75	314	73
BH*032X6	D	CS20K6E	1/2	7/8	20	1	30.25	42.5	29.75	315	76
BH*040X6	D	CS27K3E	1/2	1-1/8	20	1	30.25	42.5	29.75	315	73
BH*050X6	D	CS33K3E	1/2	1-1/8	20	1	30.25	42.5	29.75	319	73
BH*013L6	A	AH2465Z	3/8	5/8	5.5	1	28.25	23.75	17.25	202	69
BH*024L6	B	AH2490Z	3/8	7/8	9	2	28.25	37.75	17.25	238	72

* = T for Outdoor, N for Indoor, B for Bohnmizer, M for Beacon

++ = See back page for details ¹ = Estimated sound pressure values are 10 feet from the unit. For estimating sound pressure from the unit at different distances, deduct the following from the unit values: 20 feet, deduct 6 dba..... for 40 feet, deduct 12 dba..... for 80 feet, deduct 18 dba. This data is typical of "free field" conditions for horizontal air cooled condensing units at the outlet of the discharge air. The actual sound measurements may vary depending on the condensing unit installation. Factors such as reflecting walls, background noise and mounting conditions may have a significant influence on this data.

HERMETIC COMPRESSORS

1/2 TO 6 HP INDOOR & OUTDOOR CONDENSING UNITS

Electrical Data - Hermetic Compressors

Model Number	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Defrost	
		Volts	Ph	Hz ¹	RLA	LRA	Qty.	HP	FLA	Air	Elec.	Air	Elec.	Fan Amps	Heater Amps
BH*005H2B	ART82C1-CAV	208-230	1	60	5.9	30	1	1/15	0.5	15	20	15	20	8	15
BH*008H2B	RS64C2-CAV	208-230	1	60	6.9	37	1	1/15	0.5	15	20	15	20	8	15
BH*010H2B	RS70C1-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15	20	15	20	7	15
BH*010H2C	RS70C1-TFC	208-230	3	60	4.2	31	1	1/15	0.5	15	20	15	20	8.6	15
BH*015H2B	CR18KQ-PFV	208-230	1	60	8.1	41	2	1/15	1	15	24	15	25	6	19
BH*015H2C	CR18KQ-TF5	208-230	3	60	4.9	40	2	1/15	1	15	24	15	20	7	19
BH*015H2D	CR18KQ-TFD	460	3	60	2.8	23	2	1/15	1	15	20	15	20	0	0
BH*020H2B	CR24KQ-PFV	208-230	1	60	12.2	70.5	2	1/15	1	20	29	25	30	6	23
BH*020H2C	CR24KQ-TF5	208-230	3	60	6.7	40	2	1/15	1	15	24	15	25	9	19
BH*020H2D	CR24KQ-TFD	460	3	60	3.6	28	2	1/15	1	15	20	15	20	0	0
BH*029M2B	CR37KQ-PFV	208-230	1	60	16.7	100.3	2	1/15	1	21.8	38	35	50	12	30
BH*029M2C	CR37KQ-TF5	208-230	3	60	9.9	85	2	1/15	1	15	38	20	40	12	30
BH*029M2D	CR37KQ-TFD	460	3	60	5.0	39	2	1/15	1	15	15	15	25	0	0
BH*030H2B	CR37KQ-PFV	208-230	1	60	16.7	100.3	1	1/3	3.5	24.3	38	40	50	12	30
BH*030H2C	CR37KQ-TF5	208-230	3	60	9.9	85	1	1/3	3.5	20	38	25	40	12	30
BH*030H2D	CR37KQ-TFD	460	3	60	5.0	39	1	1/3	1.9	15	24	15	25	0	0
BH*040H2B	CR53KQ-PFV	208-230	1	60	26.0	140	1	1/3	3.5	36.0	48.0	50	60	12	35
BH*040H2C	CR53KQ-PFV	208-230	3	60	16.3	107	1	1/3	3.5	23.9	38	40	50	12	30
BH*040H2D	CR53KQ-PFV	460	3	60	8.1	55	1	1/3	1.9	15	29	15	30	11	23
BH*050H2B	CRN5-0500-PFV	208-230	1	60	30.8	142.0	1	1/3	3.5	42	59	50	60	12	47
BH*050H2C	CRN5-0500-TF5	208-230	3	60	19.2	130.0	1	1/3	3.5	28	40	45	50	12	30
BH*050H2D	CRN5-0500-TFD	460	3	60	8.7	65.0	1	1/3	1.9	15	29	20	30	10	23
BH*005X6B	RS43C2E-CAV	208-230	1	60	4.8	24.1	1	1/15	0.5	15	20	15	20	8	15
BH*008X6B	RS55C2E-CAV	208-230	1	60	5.4	40	1	1/15	0.5	15	20	15	20	8	15
BH*009X6B	RS64C2E-CAV	208-230	1	60	6.9	37	1	1/15	0.5	15	20	15	20	7	15
BH*010X6B	RS70C1E-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15	20	15	20	7	15
BH*010X6C	RS70C1E-TFC	208-230	3	60	4.2	31	1	1/15	0.5	15	20	15	20	8.6	15
BH*015X6B	CS10K6E-PFV	208-230	1	60	9.8	56	2	1/15	1	15	24	20	25	6	19
BH*015X6C	CS10K6E-TF5	208-230	3	60	6.7	51	2	1/15	1	15	20	15	20	7	15
BH*020X6B	CS12K6E-PFV	208-230	1	60	9.8	56	2	1/15	1	15	24	20	25	6	19
BH*020X6C	CS12K6E-TF5	208-230	3	60	6.7	51	2	1/15	1	15	24	15	25	9	19
BH*025X6B	CS14K6E-PFV	208-230	1	60	11.2	61	2	1/15	1	15	29	25	30	6	23
BH*025X6C	CS14K6E-TF5	208-230	3	60	8.2	55	2	1/15	1	15	24	15	25	9	19
BH*025X6D	CS14K6E-TFD	460	3	60	4.2	28	2	1/15	1	15	20	15	20	0	0
BH*030X6B	CS18K6E-PFV	208-230	1	60	14.4	82.0	1	1/3	3.5	21	38	35	45	12	30
BH*030X6C	CS18K6E-TF5	208-230	3	60	9.4	65.5	1	1/3	3.5	15	29	20	30	7	23
BH*030X6D	CS18K6E-TFD	460	3	60	3.9	33.0	1	1/3	1.9	15	24	15	25	0	0
BH*032X6B	CS20K6E-PFV	208-230	1	60	16.7	96.0	1	1/3	3.5	24	38	40	50	12	30
BH*032X6C	CS20K6E-TF5	208-230	3	60	10.3	75.0	1	1/3	3.5	20	29	25	30	7	23
BH*032X6D	CS20K6E-TFD	460	3	60	4.6	40.0	1	1/3	1.9	15	24	15	25	0	0
BH*040X6B	CS27K6E-PFV	208-230	1	60	21.5	121	1	1/3	3.5	30.3	44	50	60	12	35
BH*040X6C	CS27K6E-TF5	208-230	3	60	13.7	105	1	1/3	3.5	20.7	38	30	45	12	30
BH*040X6D	CS27K6E-TFD	460	3	60	7.6	52	1	1/3	1.9	15	29	15	30	11	23
BH*050X6B	CS33K6E-PFV	208-230	1	60	27.6	125.0	1	1/3	3.5	38.0	59	50	60	12	47
BH*050X6C	CS33K6E-TF5	208-230	3	60	16.8	102	1	1/3	3.5	24.5	38	40	50	12	30
BH*050X6D	CS33K6E-TFD	460	3	60	8.8	48	1	1/3	1.9	15	29	20	30	10	23
BH*011L6B	CF04K6E-PFV	208-230	1	60	8.6	59.2	1	1/15	0.5	15.0	20.0	15	25	7	15
BH*011L6C	CF04K6E-TF5	200-230	3	60	3.9	52.0	1	1/15	0.5	15.0	20.0	15	20	8	15
BH*014L6B	CF06K6E-PFV	208-230	1	60	10.3	59.2	1	1/15	0.5	15.0	20.0	20	25	4	15
BH*014L6C	CF06K6E-TF5	200-230	3	60	6.3	52.0	1	1/15	0.5	15.0	24.0	15	25	9	19
BH*025L6B	CF09K6E-PFV	208-230	1	60	15	87.0	2	1/15	1	20.0	29.0	30	40	6	23
BH*025L6C	CF09K6E-TF5	200-230	3	60	9.2	72.2	2	1/15	1	15.0	21	20	25	7	15
BH*031L6B	CF12K6E-PFV	208-230	1	60	17	105.0	2	1/15	1	22.3	37.5	35	50	12	30
BH*031L6C	CF12K6E-TF5	200-230	3	60	10.7	85.0	2	1/15	1	15.0	28.8	25	30	7	23
BH*031L6D	CF12K6E-TFD	460	3	60	5.3	42.0	2	1/15	1	15.0	23.8	15	25	0	0

* = T for Outdoor, N for Indoor, B for Bohnmizer, S for Beacon II

Per UL and NEC, RLA values have been calculated by dividing the Maximum Continuous Current (MCC) by 1.56.

0 Power supplied by customer.

9

¹ Consult factory for 50 HZ applications.



Item # _____

Job _____

METROMAX Q™ SHELVING

with *Microban Antimicrobial Product Protection

Part of the innovative MetroMax iQ™ Storage System, MetroMax Q™ is a longer life storage solution than conventional wire shelving. The product offers durable polymer mats that remove for easy cleaning and protect stored items from damage. Quick adjust shelves and MetroMax iQ accessories provides a very efficient use of storage space. MetroMax Q™ is integrated with online space planning tools and tutorials. www.metro.com/iQ

- **Longer-life performance:** Durable, corrosion proof polymer mats protect the shelves from normal wear and tear. Robust epoxy coated steel frames and posts hold as much weight as Metro's wire shelving. Weight capacity for evenly distributed loads:
800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1220mm)
600 lbs. (275kg) per shelf for lengths of 54" (1370mm) or longer
2,000 lbs. (907kg) maximum per stationary unit.
- **Interchangeable:** MetroMax Q and MetroMax i™ shelves, posts, and most accessories are compatible on the same unit. Use MetroMax Q shelves with MetroMax i™ polymer posts for increased corrosion protection. Use MetroMax i™ solid shelves when spill containment is required or as a bottom shelf to protect supplies from dirt or backsplashes from mops.
- **Easier to clean and maintain:** Polymer mats can be easily removed and cleaned in a sink or dish machine. Microban antimicrobial product protection is built into the high contact areas of the shelf including the mats, frames, and posts to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban protection keeps the product "cleaner between cleanings".
- **Quick to Adjust:** Patented corner release allows shelves to be unlocked without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- **Smooth, Protective Surfaces:** Smooth shelf mats protect packaged items from unwanted rips, tears, or damage.
- **Open Grid and Solid Mat Options:** MetroMax Q is available with open grid mats as standard. Open grid shelves promote air circulation and light penetration.
MetroMax i™ solid shelves can be used with MetroMax Q grid shelves on the same unit and are available in 18" and 24" (457 and 610mm) depths. For 21" (530mm) deep MetroMax Q, solid mat overlays are available.
- **Efficient, Organized Storage:** Premium MetroMax iQ™ accessories efficiently organize, contain, and compartmentalize **all** space between shelves.
- **Quick to Assemble:** MetroMax Q assembles easily in minutes, without tools. Shelves can be adjusted at 1" (25mm) increments along the post. Shelf wedges have a window to locate your desired position.



MetroMax Q Mobile Unit



MetroMax Q with Accessories and MetroMax i Solid Bottom Shelf

*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



MetroMax Q™ Polymer and Steel Shelving

9.21



Specifications

- **Shelf frames and posts:** Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- **Shelf Mats:** Injection molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- **Shelf Wedge Connector:** Reinforced nylon.
- **Temperature range:** -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning.

Standard Interchangeable Shelves

- Part number includes shelf with removable mats and one bag of wedges.
- MetroMax Q grid shelves, MetroMax i™ grid and solid shelves are all compatible on the same unit.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	MetroMax Q Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax i™ Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	24 610	MQ1824G	6.2 2.8	MX1824F	12.7 5.8
18 457	30 760	MQ1830G	8.0 3.6	MX1830F	14.5 6.6
18 457	36 914	MQ1836G	9.7 4.4	MX1836F	17.2 7.8
18 457	42 1060	MQ1842G	11.4 5.2	MX1842F	20.1 9.1
18 457	48 1220	MQ1848G	13.2 6.0	MX1848F	23.1 10.5
18 457	54 1372	MQ1854G	15.0 6.8	MX1854F	21.5 9.7
18 457	60 1524	MQ1860G	16.7 7.6	MX1860F	23.2 10.5
18 457	72 1829	MQ1872G	20.0 9.1	MX1872F	27.5 12.5
21 530	24 610	MQ2124G	8.0 3.6	—	—
21 530	30 760	MQ2130G	9.7 4.4	—	—
21 530	36 914	MQ2136G	11.4 5.2	—	—
21 530	42 1060	MQ2142G	12.8 5.8	—	—
21 530	48 1220	MQ2148G	14.5 6.6	—	—
21 530	54 1372	MQ2154G	16.7 7.6	—	—
21 530	60 1524	MQ2160G	18.5 8.4	—	—
21 530	72 1829	MQ2172G	21.7 9.9	—	—
24 610	24 610	MQ2424G	9.7 4.4	MX2424F	14.2 6.4
24 610	30 760	MQ2430G	11.4 5.2	MX2430F	15.9 7.2
24 610	36 914	MQ2436G	13.1 6.0	MX2436F	19.6 8.9
24 610	42 1060	MQ2442G	14.1 6.4	MX2442F	21.5 9.8
24 610	48 1220	MQ2448G	15.8 7.1	MX2448F	25.3 11.5
24 610	54 1372	MQ2454G	18.5 8.4	MX2454F	25.0 11.3
24 610	60 1524	MQ2460G	20.3 9.2	MX2460F	26.8 12.1
24 610	72 1829	MQ2472G	23.5 10.7	MX2472F	31.0 14.1

Actual Dimensions:

Width: Add 3/16" (10mm) to nominal size.
Length: Subtract 3/16" (5mm) from nominal size.



MetroMax Q Open Grid Shelf



MetroMax i™ Solid Shelf

Heavy-Duty Dunnage Shelves

- Corrosion proof MetroMax i™ dunnage shelf is compatible with MetroMax Q.
- Open grid and solid version available.
- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 60" (1524mm) long.
- Dunnage shelves are recommended for use on units with four posts.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	36 914	MHP1836G	18 8.2	MHP1836F	22 10.0
18 457	48 1220	MHP1848G	22 10.0	MHP1848F	26 11.8
18 457	60 1524	MHP1860G	26 11.8	MHP1860F	30 13.6
24 610	36 914	MHP2436G	21 9.5	MHP2436F	25 11.3
24 610	48 1220	MHP2448G	27 12.2	MHP2448F	31 14.1
24 610	60 1524	MHP2460G	33 15.0	MHP2460F	37 16.8

Solid Mat Overlays

- Overlays snap onto the open grid mats to create a solid surface.
- Available for 21" (530mm) deep MetroMax Q shelves.

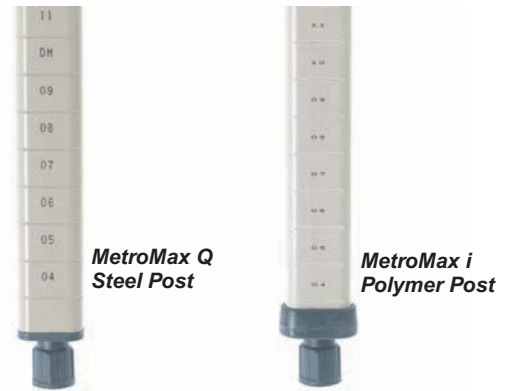
Fits Shelf		Model No.	Approx. Pkd. Wt.	
(in.)	(mm)		(lbs.)	(kg)
21x24	530x610	Q2124SM	0.35	0.16
21x30	530x760	Q2130SM	0.45	0.20
21x36	530x914	Q2136SM	0.50	0.23
21x42	530x1060	Q2142SM	0.60	0.27
21x48	530x1220	Q2148SM	0.70	0.32
21x54	530x1372	Q2154SM	0.80	0.36
21x60	530x1524	Q2160SM	0.90	0.41
21x72	530x1829	Q2172SM	1.00	0.45

METROMAX Q™ POLYMER AND STEEL SHELVING



Standard Interchangeable Posts

- MetroMax Q: Epoxy coated steel with Microban antimicrobial product protection.
- MetroMax i: Polymer with Microban antimicrobial product protection.
- Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 1" (25mm).
- When mounting a shelving unit to a dolly base, stationary posts are used.
- Special height cut posts are available. Consult your Metro representative.



Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	STATIONARY POST WITH LEVELING FOOT Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	14 ³ / ₄	375	MQ13PE	1.0	0.5	MX13P	0.5	0.2
27	685	28 ³ / ₄	730	MQ27PE	2.0	0.9	MX27P	0.9	0.4
33	875	34 ³ / ₄	883	MQ33PE	2.5	1.1	MX33P	1.0	0.5
54	1370	54 ³ / ₄	1391	MQ54PE	4.0	1.8	MX54P	1.6	0.7
63	1585	62 ³ / ₄	1594	MQ63PE	4.5	2.0	MX63P	1.8	0.8
74	1690	74 ³ / ₄	1899	MQ74PE	5.5	2.5	MX74P	2.2	1.0
86	2195	86 ³ / ₄	2203	MQ86PE	6.5	2.9	MX86P	2.5	1.1

Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	POST FOR STEM CASTER Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	13 ³ / ₄	349	MQ13UPE	1.0	0.5	MX13UP	0.5	0.2
27	685	27 ³ / ₄	705	MQ27UPE	2.0	0.9	MX27UP	0.9	0.4
33	875	33 ³ / ₄	857	MQ33UPE	2.5	1.1	MX33UP	1.0	0.5
54	1370	53 ³ / ₄	1365	MQ54UPE	4.0	1.8	MX54UP	1.6	0.7
63	1585	61 ³ / ₄	1568	MQ63UPE	4.5	2.0	MX63UP	1.8	0.8
70	1778	69 ³ / ₄	1765	MQ70UPE	5.0	2.3			
74	1690	73 ³ / ₄	1873	MQ74UPE	5.5	2.5	MX74UP	2.3	1.0
86	2195	85 ³ / ₄	2178	MQ86UPE	6.5	2.9	MX86UP	2.5	1.4

Replacement Leveling Foot:
Model No. RPM3-FOOT

Replacement Post Cap for Steel Post:
Model No. RPMQS-POSTCAP

Replacement Post Cap for Polymer Post:
Model No. RPMXS-POSTCAP

Replacement MetroMax Q Wedges
Model No. MQ9985 Bag of 4



NOTE: Compatibility with existing Metro polymer mat shelving systems

- MQ9985 wedges are compatible with original MetroMax Q shelves and posts.
- The post centers on MetroMax Q have been changed to allow interchangeability with MetroMax i™ shelves. MetroMax Q shelves manufactured within or after April 2009 are not compatible with Q shelves made prior to April 2009.
- MetroMax Q is not compatible with original MetroMax manufactured prior to April 2009.
- Posts listed in above table (ex. MQ74PE, MX74PE) can be used with original MetroMax Q shelves made prior to April 2009.

Post Clamp

Adds stability by joining posts of two separate units together. With it, each unit is supported by four posts and buttressed by the adjacent unit.

Model No. 9994X

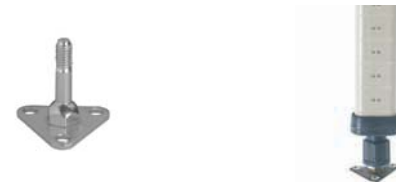


Foot Plate

Use to add stability to the shelving unit or to bolt units to the floor.

Model No. Zinc 9993Z

Model No. Stainless Steel 9993S



Stem Casters

A variety of stem casters are offered for MetroMax i™ mobile applications.

Stem caster models include bumpers.

See Catalog Sheet 11.20 for stem casters.

Load Rating: 3 x Stem Caster Load Rating, maximum — 900 lbs. (363kg) per stem caster cart.





METROMAX Q™ POLYMER AND STEEL SHELVING

Starter and Add-On Units

- 4- and 5-tier models available. Consult the Metro catalog for models.
- Starter units: consist of shelves and (4) posts
- Add-on units: consist of shelves, (2) posts, and “S” Hooks (M9995)

“S” Hook: Used to “add on” one or multiple MetroMax Q™ storage systems while eliminating the cost of two posts per unit. Can be used to join units end-to-end, back-to-back, at right angles, etc. Two “S” hooks are required for each shelf.

Cat. No. M9995



MetroMax Q™ Intermediate

“S” Hook: Use when configuring MetroMax Q Starter and Add-On Units at right angles.

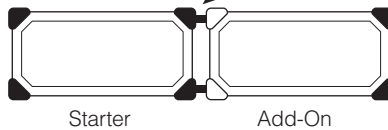
Model No. Q9995Z



	Regular “S” Hook location
	Intermediate bracket location
	Post
	Post not required

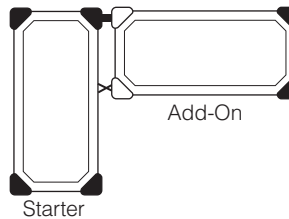
END-TO-END

“S” Hooks
M9995 — qty. 2



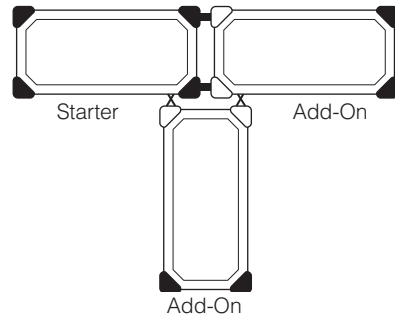
RIGHT ANGLES

Intermediate “S” Hook Kit
Q9995Z — qty. 1; M9995 — qty. 1



COMBINATION

Intermediate “S” Hook Kits
Q9995Z — qty. 2; M9995 — qty. 2



MetroMax Q™ Carts

- 4- and 5-tier models
- Grid shelf models
- Units consist of shelves, (4) posts, (2) swivel, and (2) swivel brake casters.
- Consult the Metro catalog for models.



All Metro Catalog Sheets are available on our Web Site: www.metro.com



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Information and specifications are subject to change without notice. Please confirm at time of order.

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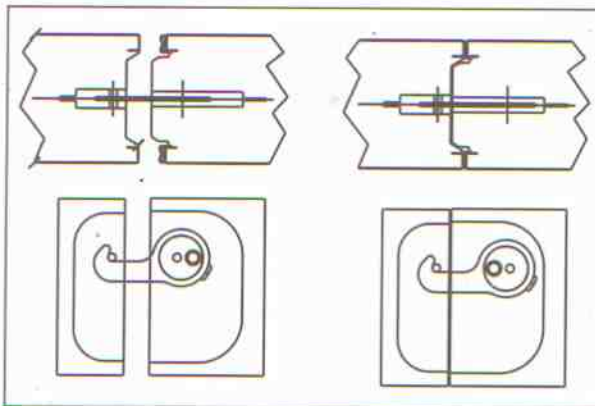
GENERAL PRODUCT INFORMATION

EXPERIENCE

Master-Bilt has been a manufacturer of quality refrigeration equipment of all types for over 65 years and a pioneer in the use of foam insulation since the early 1950s. Master-Bilt has designed and built well over 100,000 refrigerated buildings and cabinets using time-proven urethane foamed-in-place construction. A complete sales and engineering staff is available to work with you in designing the appropriate, technically correct refrigerated structure for your needs.

FOAMED-IN-PLACE PANEL CONSTRUCTION

Master-Bilt pour-type, foamed-in-place panels are offered in standard 4" thickness with optional 5" and 6" thicknesses. They are formed of rigid urethane insulation having a 97% closed cell content to prevent moisture absorption. All panels are interchangeable, precision-formed and feature bulb-type, NSF-listed gaskets. These gaskets are foamed-in-place on the interior and exterior edge



Typical cam-lock connector system showing the cam-lock before actuation (left side) and after.

of each panel to additionally assure a sound, airtight seam at all joints of adjoining panels.

Master-Bilt's standard panel finish is 26 gauge stucco galvalume. However, numerous interior and exterior finish options are available including stucco aluminum, stainless steel, stucco stainless steel, galvanized steel and painted steel. These metals may also be used in combination to provide different finishes for exterior and interior.

THOROUGH TESTING

Master-Bilt walk-in panels are subjected to rigorous independent testing for structural strength and are toxicity evaluated. We have earned the following listings, classifications and certifications:



- Foam core tested by Underwriters Laboratories, Inc. (file R5692) per UL 723 with the following results: Flame spread 20, smoke 450 @ 6" maximum
- Foam core tested by Factory Mutual (project #3022512) per ASTM E84-03 with the following results: Flame spread 25, smoke 400 @ 4" thickness
- ASTM E84-94A, ASTM E711-87 (1992), ASTM D1929-91A, ASTM D482-91, ASTM D1622-93
- N.Y.C. approval #59-85
- State of California TD 1102
- Los Angeles Research #RR25169
- State of Oregon
- State of Wisconsin
- City of Houston, Texas

GENERAL PRODUCT INFORMATION

In addition, Master-Bilt walk-ins meet the following building codes:

- International Conference of Building Officials (Uniform Building Code)
- Building Officials Conference of America
- Southern Building Code Congress

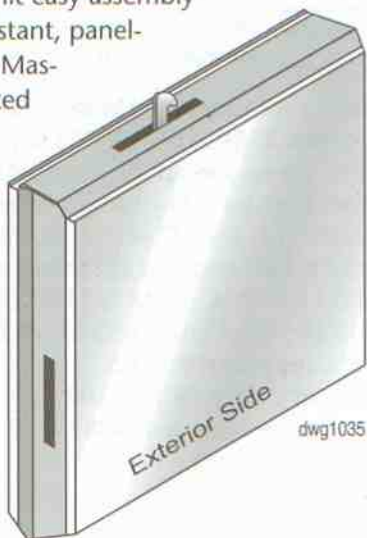
Reports available on request.

FLOOR PANEL CONSTRUCTION

Master-Bilt's polyurethane foamed-in-place floor panels are similar in construction to wall panels with respect to dimensions. When properly supported, floor panels are built to withstand evenly distributed loads up to 700 pounds per square foot (stationary load). All floor panels are connected one to another by placing the foamed tongue of one panel into the foamed groove of the adjoining panel and actuating the cam-action locking device. See Section 6 "Floors and Ceilings" for more information.

VERSATILITY

The basic modular construction of Master-Bilt coolers and freezers makes it a simple matter to disassemble, enlarge or relocate Master-Bilt refrigerated structures according to the demands of your particular business. Cam-lock panel connectors permit easy assembly and leakage resistant, panel-to-panel seams. Master-Bilt refrigerated structures may be designed to function under your existing roof or as a freestanding structure.



Typical panel exterior showing cam-lock connector.

INSULATION

INSULATION VALUES - WALK-IN PANELS

	R10	R20	R30	R40	R50
4" (102mm)	Master-Bilt® Polyurethane Panel	R33.33			
	Polystyrene Panel				
	Fiberglass Panel				
5" (127mm)	Master-Bilt® Polyurethane Panel	R41.67			
	Polystyrene Panel				
	Fiberglass Panel				
6" (152mm)	Master-Bilt® Polyurethane Panel	R50			
	Polystyrene Panel				
	Fiberglass Panel				

INSULATION:

Insulation shall be 4", 5" or 6" thick rigid urethane pour type foamed-in-place using 245fa blowing agent, with tenacious bond to inner and outer metal pans

PANEL THICKNESS	"R" FACTOR (Efficiency)	"U" FACTOR (Overall Coefficient of heat transfer) shall not exceed:	"K" FACTOR (Thermal Conductivity) shall be no more than:
4"	33.33	.030	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit
5"	41.67	.024	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit
6"	50.00	.020	.120 BTU per hour, per square foot, per inch thickness, per degree Fahrenheit

GENERAL PRODUCT INFORMATION

DOOR CONSTRUCTION

Master-Bilt's infitting doors, made with polyurethane foamed-in-place insulation, are lightweight for easy operation. The insulation tenaciously adheres to the interior and exterior metal pan to provide rugged, one-piece durability. Each door is fitted with spring-loaded, cam-lift hinges and heavy-duty hydraulic door closures for effortless closing. An airtight seal is assured by the wide surface, magnetic gasket around the door. The door handle is provided with a deadbolt lock for added security. Low wattage, anti-sweat heaters are concealed in the perimeter of freezer doors and jambs to prevent condensation or frost ac-

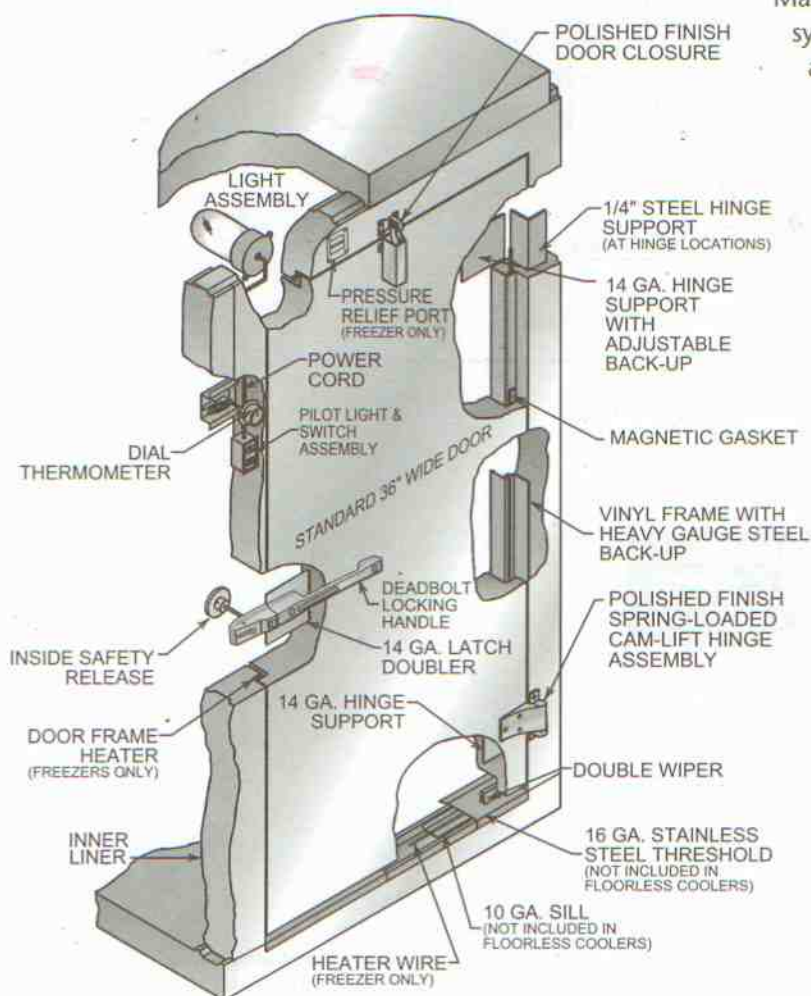
cumulation in areas of high humidity. Master-Bilt standard V-Series doors are constructed with a vinyl frame with a heavy-gauge steel backup. A 1/4" thick steel support plate is welded to the frame at hinge locations to provide support for the hinges. **Field-adjustable hinge backing plates, designed to compensate for any necessary future door adjustment without removal of the door or its frame, are found only in Master-Bilt doors.** All these construction features add up to an efficient door which will close tightly and effortlessly every time. See Section 5 "Doors" for further information.

REFRIGERATION

Master-Bilt offers remote refrigeration systems, including condensing unit and evaporator coil, ranging from 1/2 to 40 H.P. as well as modular multi-compressor systems and packaged systems. All units are factory tested before shipping. Section 8 "Refrigeration Systems" contains more information on this subject.

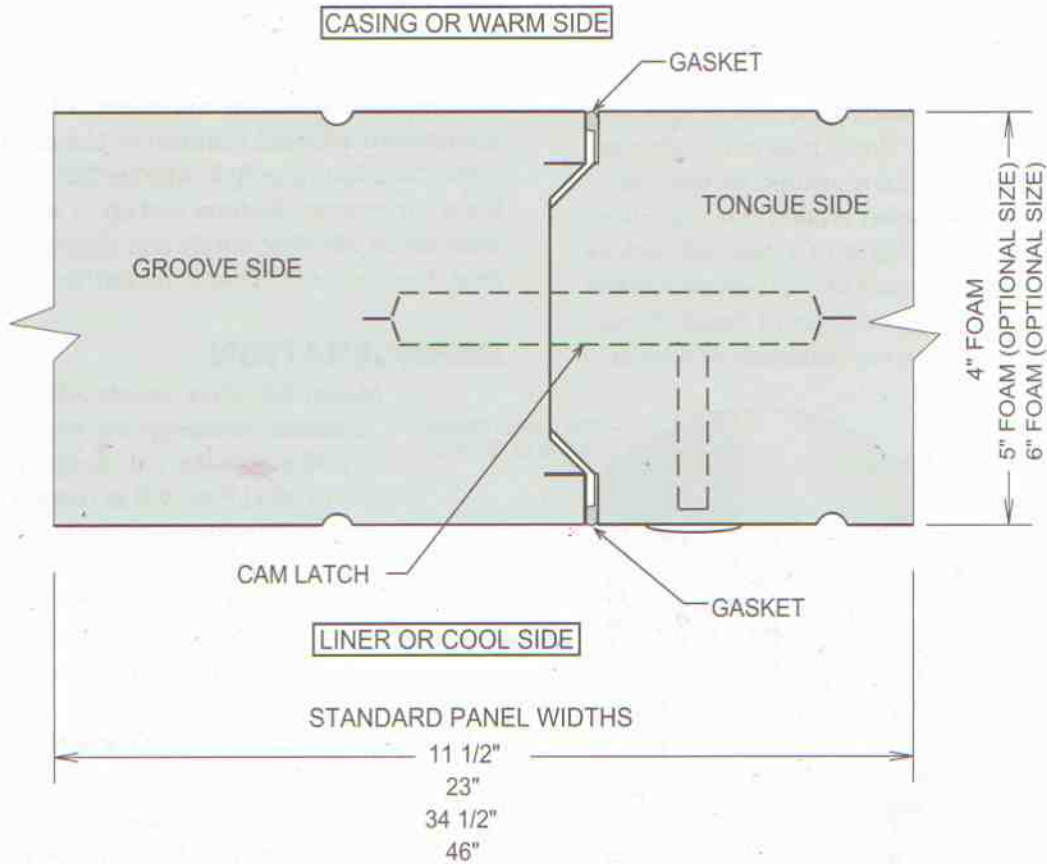
ACCESSORIES

Optional or alternate equipment and accessories for Master-Bilt refrigerated structures include: stainless steel welded wire shelving, floor mats, observation windows, hinged glass merchandising doors, pressure relief ports, door ramps, dial thermometers, sliding cold storage doors, protective roof systems, structural steel support and more. See Section 9 "Options and Accessories" for additional information.



GENERAL PRODUCT INFORMATION

STANDARD PANEL DIMENSIONS



PANEL THICKNESS	WALL PANEL MAX. HEIGHT ACTUAL	CEILING PANEL MAX. WIDTH ACTUAL
4 in. (standard)	27 ft. ¹	27 ft. ²
5 in.	24 ft. ¹	24 ft. ³
6 in.	24 ft. ¹	24 ft. ⁴

¹Additional support needed when exceeding 18'0"
²Additional support needed when exceeding 15'5"
³Additional support needed when exceeding 19'3"
⁴Additional support needed when exceeding 23'1"

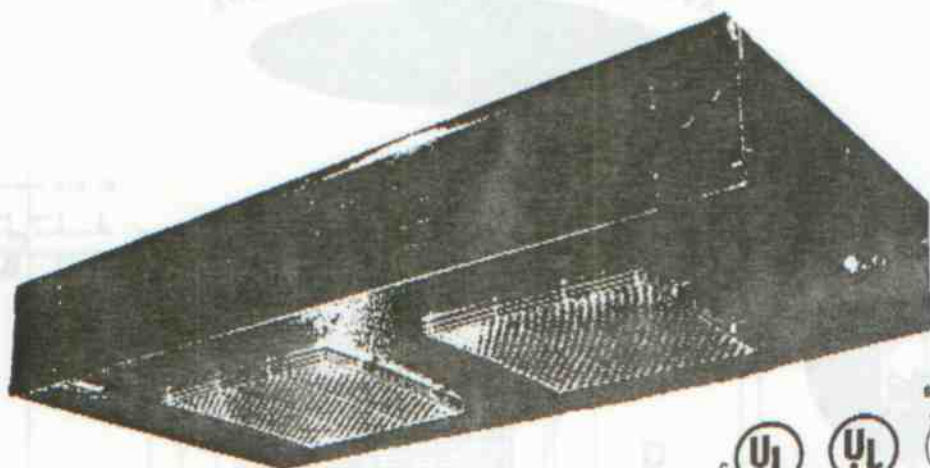
Note:
 Dimensions shown are for indoor applications only and predicated upon 10 lbs. per square foot roof loading.
 Dimensions are subject to change depending on specific application and local building authority official's approval.



The Cold Standard

BULLETIN 320.3
(Replaces 320.2)
AUGUST 1994

SPACEMIZER™ MODEL SM AIR DEFROST UNIT COOLERS



UNIT FEATURES

- For applications of +35°F (+2°C) and above.
- Compact! Gives more usable space in refrigerated area.
- Low height gives more head room and allows product to be stacked higher.
- Allows shelving and storage of product around all walls.
- Gentle air movement from center of cooler stabilizes temperature and humidity - keeps product fresh longer - looks better, less drying, less weight loss - more profit!
- Heavy gauge grained aluminum cabinet cleans easily and looks attractive.
- Stainless steel screws prevent rust streaks.
- PVC coated fan guards won't rust or rattle.
- Dual drain pans prevent sweating.
- Generous coil surface gives proper compressor balance.
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes.
- Sizes to match 3/4 through 3 H.P. condensing units.
- Coils dehydrated and sealed at the factory.
- Motors life-lubricated and thermally protected.
- Factory wired — ready to install.
- Easy to install and service — panels on ends quickly remove for complete access to refrigerant components — no need to drop fan panel/drain pan.
- Optional 208/230 volt and PSC motors available.
- PSC motors standard on 50 Hz.

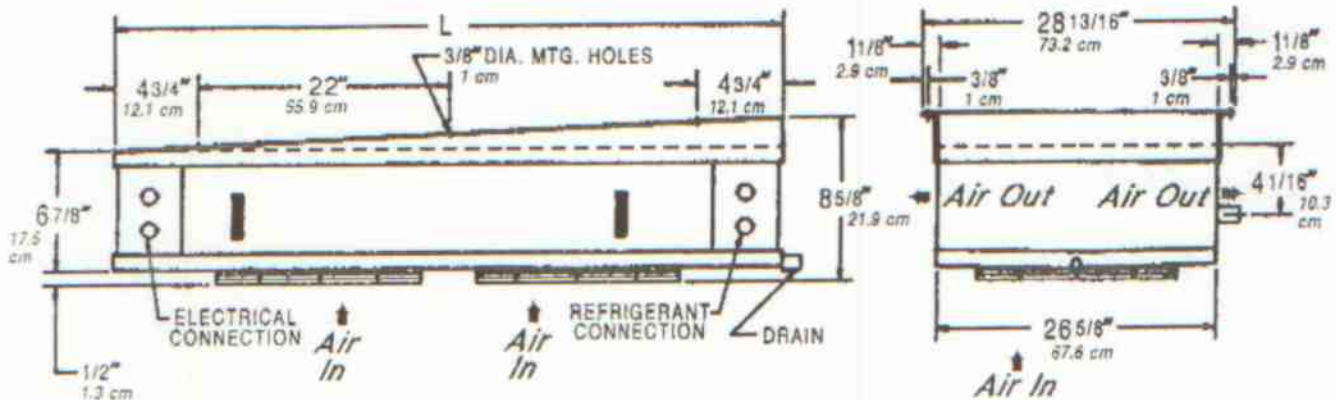
Bohn Refrigeration Products

A Product Line of

Heatcraft Inc. Refrigeration Products Division

Danville, Illinois 61832 • (217) 446-3710 • FAX: (217) 446-2484

MODEL SM DIMENSIONAL DATA



SPECIFICATION DATA

Model No.	Capacities BTUH/kcal/h				Dimensions				Fans		Electrical Amps				Net Weight (Lbs.) kg.
	60 Hz.		50 Hz.		L in. cm	Inlet OD in.	Suction OD in.	No.	60 Hz.	50 Hz.	60 Hz.		50 Hz.		
	10°F TD	15°F TD	6°K	8°K					CFM	CFM	115 Volts	230 Volts	110 Volts	220 Volts	
SM052	5200	7800	5300	7125	31 1/2	1/2	1/4	1	610	550	2.1	1.1	0.8	0.4	42
SM076	7600	11400	7760	10400	53 1/2	1/2	1/4	2	1300	1170	4.2	2.2	1.7	0.8	64
SM090	9000	13500	9190	12325	53 1/2	1/2	1/4	2	1260	1135	4.2	2.2	1.7	0.8	70
SM102	10200	15300	10400	13975	53 1/2	1/2	1/4	2	1220	1100	4.2	2.2	1.7	0.8	83
SM108	10800	16200	11015	14790	75 1/2	1/2	1/4	3	1950	1755	6.3	3.3	2.5	1.2	105
SM134	13400	20100	13655	18340	75 1/2	1/2	1/4	3	1890	1700	6.3	3.3	2.5	1.2	117
SM156	15600	23400	15920	21355	75 1/2	1/2	1/4	3	1830	1650	6.3	3.3	2.5	1.2	123
SM179	17900	26850	18260	24515	97 1/2	1/2	1 1/4	4	2520	2270	8.4	4.4	3.3	1.6	149
SM208	20800	31200	21220	28485	97 1/2	1/2	1 1/4	4	2440	2200	8.4	4.4	3.3	1.6	164
SM249	24900	37350	25410	34100	119 1/2	1/2	1 1/4	5	3050	2745	10.5	5.5	4.2	2.0	206

All units have 1/2" OD external equalizer and 1/4" P.S.T. drain connection.

* 60 Hz. units have shaded pole motors.

† 50 Hz. units have PSC motors.

Bohn reserves the right to make changes in specifications or design, at any time, without notice and without liability to purchasers or owners of previously sold equipment.



Bohn Refrigeration Products
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1/2 TO 6 HP INDOOR & OUTDOOR CONDENSING UNITS

Performance Data - Low Temperature Models - Hermetic Compressors

		Capacity BTU/HR @ 90°F. Ambient Suction Temperature °F.							
HFC-404A/507	Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
	BH*013L6	AH2465Z	10230	9160	8090	6020	5040	4130	2550
	BH*024L6	AH2490Z	17570	15750	13920	10350	8720	7230	4890

		Capacity BTU/HR @ 95°F. Ambient Suction Temperature °F.							
HFC-404A/507	Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
	BH*013L6	AH2465Z	9840	8810	7780	5790	4850	3970	2450
	BH*024L6	AH2490Z	16890	15140	13380	9950	8380	6950	4700

		Capacity BTU/HR @ 100°F. Ambient Suction Temperature °F.							
HFC-404A/507	Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
	BH*013L6	AH2465Z	9450	8460	7470	5560	4660	3810	2350
	BH*024L6	AH2490Z	16210	14530	12840	9550	8040	6670	4510

		Capacity BTU/HR @ 110°F. Ambient Suction Temperature °F.							
HFC-404A/507	Model	Compressor	0°F.	-5°F.	-10°F.	-20°F.	-25°F.	-30°F.	-40°F.
	BH*013L6	AH2465Z	8660	7750	6850	5100	4270	3490	2160
	BH*024L6	AH2490Z	14860	13320	11770	8760	7370	6120	4140

Unit Specifications - Hermetic Compressors

Model Number	Fig. ++	Compressor	Connections (ID)		Receiver 90% Full Lbs.	Fan(s)	Dimensions			Ship. Wt. Lbs.	Sound Data dba ¹
			Liquid	Suction			D In.	W In.	H In.		
BH*005H2	A	JRF-0050	3/8	1/2	6	1	28.25	23.75	17.25	161	67
BH*008H2	A	RRG-0100	3/8	1/2	6	1	28.25	23.75	17.25	173	68
BH*010H2	A	REK-0125	3/8	5/8	6	1	28.25	23.75	17.25	172	68
BH*015H2	B	CRA-0150	3/8	5/8	10	2	28.25	37.75	17.25	223	71
BH*020H2	B	CRD-0200	3/8	7/8	10	2	28.25	37.75	17.25	225	72
BH*029M2	C	CRJ-0300	1/2	7/8	16	2	28.25	37.75	19.75	246	72
BH*030H2	D	CRJ-0300	1/2	7/8	22	1	30.25	42.5	29.75	311	73
BH*040H2	D	CRM-0400	1/2	1-1/8	22	1	30.25	42.5	29.75	319	73
BH*050H2	D	CRN-0500	1/2	1-1/8	22	1	30.25	42.5	29.75	333	75
BH*005X6	A	RS43C1E	3/8	1/2	5.5	1	28.25	23.75	17.25	176	68
BH*008X6	A	RS55C1E	3/8	1/2	5.5	1	28.25	23.75	17.25	176	68
BH*009X6	A	RS64C1E	3/8	5/8	5.5	1	28.25	23.75	17.25	179	68
BH*010X6	A	RS70C1E	3/8	5/8	5.5	1	28.25	23.75	17.25	173	68
BH*015X6	B	CS10K6E	3/8	5/8	9	2	28.25	37.75	17.25	230	71
BH*020X6	B	CS12K6E	3/8	7/8	9	2	28.25	37.75	17.25	230	73
BH*025X6	B	CS14K6E	3/8	7/8	9	2	28.25	37.75	17.25	231	74
BH*030X6	D	CS18K6E	1/2	7/8	20	1	30.25	42.5	29.75	314	73
BH*032X6	D	CS20K6E	1/2	7/8	20	1	30.25	42.5	29.75	315	76
BH*040X6	D	CS27K3E	1/2	1-1/8	20	1	30.25	42.5	29.75	315	73
BH*050X6	D	CS33K3E	1/2	1-1/8	20	1	30.25	42.5	29.75	319	73
BH*013L6	A	AH2465Z	3/8	5/8	5.5	1	28.25	23.75	17.25	202	69
BH*024L6	B	AH2490Z	3/8	7/8	9	2	28.25	37.75	17.25	238	72

* = T for Outdoor, N for Indoor, B for Bohnmizer, M for Beacon

++ = See back page for details ¹ = Estimated sound pressure values are 10 feet from the unit. For estimating sound pressure from the unit at different distances, deduct the following from the unit values: 20 feet, deduct 6 dba..... for 40 feet, deduct 12 dba..... for 80 feet, deduct 18 dba. This data is typical of "free field" conditions for horizontal air cooled condensing units at the outlet of the discharge air. The actual sound measurements may vary depending on the condensing unit installation. Factors such as reflecting walls, background noise and mounting conditions may have a significant influence on this data.

HERMETIC COMPRESSORS

1/2 TO 6 HP INDOOR & OUTDOOR CONDENSING UNITS

Electrical Data - Hermetic Compressors

Model Number	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Defrost	
		Volts	Ph	Hz ¹	RLA	LRA	Qty.	HP	FLA	Air	Elec.	Air	Elec.	Fan Amps	Heater Amps
BH*005H2B	ART82C1-CAV	208-230	1	60	5.9	30	1	1/15	0.5	15	20	15	20	8	15
BH*008H2B	RS64C2-CAV	208-230	1	60	6.9	37	1	1/15	0.5	15	20	15	20	8	15
BH*010H2B	RS70C1-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15	20	15	20	7	15
BH*010H2C	RS70C1-TFC	208-230	3	60	4.2	31	1	1/15	0.5	15	20	15	20	8.6	15
BH*015H2B	CR18KQ-PFV	208-230	1	60	8.1	41	2	1/15	1	15	24	15	25	6	19
BH*015H2C	CR18KQ-TF5	208-230	3	60	4.9	40	2	1/15	1	15	24	15	20	7	19
BH*015H2D	CR18KQ-TFD	460	3	60	2.8	23	2	1/15	1	15	20	15	20	0	0
BH*020H2B	CR24KQ-PFV	208-230	1	60	12.2	70.5	2	1/15	1	20	29	25	30	6	23
BH*020H2C	CR24KQ-TF5	208-230	3	60	6.7	40	2	1/15	1	15	24	15	25	9	19
BH*020H2D	CR24KQ-TFD	460	3	60	3.6	28	2	1/15	1	15	20	15	20	0	0
BH*029M2B	CR37KQ-PFV	208-230	1	60	16.7	100.3	2	1/15	1	21.8	38	35	50	12	30
BH*029M2C	CR37KQ-TF5	208-230	3	60	9.9	85	2	1/15	1	15	38	20	40	12	30
BH*029M2D	CR37KQ-TFD	460	3	60	5.0	39	2	1/15	1	15	15	15	25	0	0
BH*030H2B	CR37KQ-PFV	208-230	1	60	16.7	100.3	1	1/3	3.5	24.3	38	40	50	12	30
BH*030H2C	CR37KQ-TF5	208-230	3	60	9.9	85	1	1/3	3.5	20	38	25	40	12	30
BH*030H2D	CR37KQ-TFD	460	3	60	5.0	39	1	1/3	1.9	15	24	15	25	0	0
BH*040H2B	CR53KQ-PFV	208-230	1	60	26.0	140	1	1/3	3.5	36.0	48.0	50	60	12	35
BH*040H2C	CR53KQ-PFV	208-230	3	60	16.3	107	1	1/3	3.5	23.9	38	40	50	12	30
BH*040H2D	CR53KQ-PFV	460	3	60	8.1	55	1	1/3	1.9	15	29	15	30	11	23
BH*050H2B	CRN5-0500-PFV	208-230	1	60	30.8	142.0	1	1/3	3.5	42	59	50	60	12	47
BH*050H2C	CRN5-0500-TF5	208-230	3	60	19.2	130.0	1	1/3	3.5	28	40	45	50	12	30
BH*050H2D	CRN5-0500-TFD	460	3	60	8.7	65.0	1	1/3	1.9	15	29	20	30	10	23
BH*005X6B	RS43C2E-CAV	208-230	1	60	4.8	24.1	1	1/15	0.5	15	20	15	20	8	15
BH*008X6B	RS55C2E-CAV	208-230	1	60	5.4	40	1	1/15	0.5	15	20	15	20	8	15
BH*009X6B	RS64C2E-CAV	208-230	1	60	6.9	37	1	1/15	0.5	15	20	15	20	7	15
BH*010X6B	RS70C1E-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15	20	15	20	7	15
BH*010X6C	RS70C1E-TFC	208-230	3	60	4.2	31	1	1/15	0.5	15	20	15	20	8.6	15
BH*015X6B	CS10K6E-PFV	208-230	1	60	9.8	56	2	1/15	1	15	24	20	25	6	19
BH*015X6C	CS10K6E-TF5	208-230	3	60	6.7	51	2	1/15	1	15	20	15	20	7	15
BH*020X6B	CS12K6E-PFV	208-230	1	60	9.8	56	2	1/15	1	15	24	20	25	6	19
BH*020X6C	CS12K6E-TF5	208-230	3	60	6.7	51	2	1/15	1	15	24	15	25	9	19
BH*025X6B	CS14K6E-PFV	208-230	1	60	11.2	61	2	1/15	1	15	29	25	30	6	23
BH*025X6C	CS14K6E-TF5	208-230	3	60	8.2	55	2	1/15	1	15	24	15	25	9	19
BH*025X6D	CS14K6E-TFD	460	3	60	4.2	28	2	1/15	1	15	20	15	20	0	0
BH*030X6B	CS18K6E-PFV	208-230	1	60	14.4	82.0	1	1/3	3.5	21	38	35	45	12	30
BH*030X6C	CS18K6E-TF5	208-230	3	60	9.4	65.5	1	1/3	3.5	15	29	20	30	7	23
BH*030X6D	CS18K6E-TFD	460	3	60	3.9	33.0	1	1/3	1.9	15	24	15	25	0	0
BH*032X6B	CS20K6E-PFV	208-230	1	60	16.7	96.0	1	1/3	3.5	24	38	40	50	12	30
BH*032X6C	CS20K6E-TF5	208-230	3	60	10.3	75.0	1	1/3	3.5	20	29	25	30	7	23
BH*032X6D	CS20K6E-TFD	460	3	60	4.6	40.0	1	1/3	1.9	15	24	15	25	0	0
BH*040X6B	CS27K6E-PFV	208-230	1	60	21.5	121	1	1/3	3.5	30.3	44	50	60	12	35
BH*040X6C	CS27K6E-TF5	208-230	3	60	13.7	105	1	1/3	3.5	20.7	38	30	45	12	30
BH*040X6D	CS27K6E-TFD	460	3	60	7.6	52	1	1/3	1.9	15	29	15	30	11	23
BH*050X6B	CS33K6E-PFV	208-230	1	60	27.6	125.0	1	1/3	3.5	38.0	59	50	60	12	47
BH*050X6C	CS33K6E-TF5	208-230	3	60	16.8	102	1	1/3	3.5	24.5	38	40	50	12	30
BH*050X6D	CS33K6E-TFD	460	3	60	8.8	48	1	1/3	1.9	15	29	20	30	10	23
BH*011L6B	CF04K6E-PFV	208-230	1	60	8.6	59.2	1	1/15	0.5	15.0	20.0	15	25	7	15
BH*011L6C	CF04K6E-TF5	200-230	3	60	3.9	52.0	1	1/15	0.5	15.0	20.0	15	20	8	15
BH*014L6B	CF06K6E-PFV	208-230	1	60	10.3	59.2	1	1/15	0.5	15.0	20.0	20	25	4	15
BH*014L6C	CF06K6E-TF5	200-230	3	60	6.3	52.0	1	1/15	0.5	15.0	24.0	15	25	9	19
BH*025L6B	CF09K6E-PFV	208-230	1	60	15	87.0	2	1/15	1	20.0	29.0	30	40	6	23
BH*025L6C	CF09K6E-TF5	200-230	3	60	9.2	72.2	2	1/15	1	15.0	21	20	25	7	15
BH*031L6B	CF12K6E-PFV	208-230	1	60	17	105.0	2	1/15	1	22.3	37.5	35	50	12	30
BH*031L6C	CF12K6E-TF5	200-230	3	60	10.7	85.0	2	1/15	1	15.0	28.8	25	30	7	23
BH*031L6D	CF12K6E-TFD	460	3	60	5.3	42.0	2	1/15	1	15.0	23.8	15	25	0	0

* = T for Outdoor, N for Indoor, B for Bohnmizer, S for Beacon II
 Per UL and NEC, RLA values have been calculated by dividing the Maximum Continuous Current (MCC) by 1.56.
 † Power supplied by customer.

¹ Consult factory for 50 HZ applications.



Item # _____

Job _____

METROMAX Q™ SHELVING

with *Microban Antimicrobial Product Protection

Part of the innovative MetroMax iQ™ Storage System, MetroMax Q™ is a longer life storage solution than conventional wire shelving. The product offers durable polymer mats that remove for easy cleaning and protect stored items from damage. Quick adjust shelves and MetroMax iQ accessories provides a very efficient use of storage space. MetroMax Q™ is integrated with online space planning tools and tutorials. www.metro.com/iQ

- Longer-life performance:** Durable, corrosion proof polymer mats protect the shelves from normal wear and tear. Robust epoxy coated steel frames and posts hold as much weight as Metro's wire shelving. Weight capacity for evenly distributed loads:
 800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1220mm)
 600 lbs. (275kg) per shelf for lengths of 54" (1370mm) or longer
 2,000 lbs. (907kg) maximum per stationary unit.
- Interchangeable:** MetroMax Q and MetroMax i™ shelves, posts, and most accessories are compatible on the same unit. Use MetroMax Q shelves with MetroMax i™ polymer posts for increased corrosion protection. Use MetroMax i™ solid shelves when spill containment is required or as a bottom shelf to protect supplies from dirt or backsplashes from mops.
- Easier to clean and maintain:** Polymer mats can be easily removed and cleaned in a sink or dish machine. Microban antimicrobial product protection is built into the high contact areas of the shelf including the mats, frames, and posts to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban protection keeps the product "cleaner between cleanings".
- Quick to Adjust:** Patented corner release allows shelves to be unlocked without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- Smooth, Protective Surfaces:** Smooth shelf mats protect packaged items from unwanted rips, tears, or damage.
- Open Grid and Solid Mat Options:** MetroMax Q is available with open grid mats as standard. Open grid shelves promote air circulation and light penetration.
 MetroMax i™ solid shelves can be used with MetroMax Q grid shelves on the same unit and are available in 18" and 24" (457 and 610mm) depths. For 21" (530mm) deep MetroMax Q, solid mat overlays are available.
- Efficient, Organized Storage:** Premium MetroMax iQ™ accessories efficiently organize, contain, and compartmentalize **all** space between shelves.
- Quick to Assemble:** MetroMax Q assembles easily in minutes, without tools. Shelves can be adjusted at 1" (25mm) increments along the post. Shelf wedges have a window to locate your desired position.



MetroMax Q Mobile Unit



MetroMax Q with Accessories and MetroMax i Solid Bottom Shelf

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InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



MetroMax Q™ Polymer and Steel Shelving

9.21



Specifications

- **Shelf frames and posts:** Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- **Shelf Mats:** Injection molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- **Shelf Wedge Connector:** Reinforced nylon.
- **Temperature range:** -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning.

Standard Interchangeable Shelves

- Part number includes shelf with removable mats and one bag of wedges.
- MetroMax Q grid shelves, MetroMax i™ grid and solid shelves are all compatible on the same unit.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	MetroMax Q Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax i™ Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	24 610	MQ1824G	6.2 2.8	MX1824F	12.7 5.8
18 457	30 760	MQ1830G	8.0 3.6	MX1830F	14.5 6.6
18 457	36 914	MQ1836G	9.7 4.4	MX1836F	17.2 7.8
18 457	42 1060	MQ1842G	11.4 5.2	MX1842F	20.1 9.1
18 457	48 1220	MQ1848G	13.2 6.0	MX1848F	23.1 10.5
18 457	54 1372	MQ1854G	15.0 6.8	MX1854F	21.5 9.7
18 457	60 1524	MQ1860G	16.7 7.6	MX1860F	23.2 10.5
18 457	72 1829	MQ1872G	20.0 9.1	MX1872F	27.5 12.5
21 530	24 610	MQ2124G	8.0 3.6	—	—
21 530	30 760	MQ2130G	9.7 4.4	—	—
21 530	36 914	MQ2136G	11.4 5.2	—	—
21 530	42 1060	MQ2142G	12.8 5.8	—	—
21 530	48 1220	MQ2148G	14.5 6.6	—	—
21 530	54 1372	MQ2154G	16.7 7.6	—	—
21 530	60 1524	MQ2160G	18.5 8.4	—	—
21 530	72 1829	MQ2172G	21.7 9.9	—	—
24 610	24 610	MQ2424G	9.7 4.4	MX2424F	14.2 6.4
24 610	30 760	MQ2430G	11.4 5.2	MX2430F	15.9 7.2
24 610	36 914	MQ2436G	13.1 6.0	MX2436F	19.6 8.9
24 610	42 1060	MQ2442G	14.1 6.4	MX2442F	21.5 9.8
24 610	48 1220	MQ2448G	15.8 7.1	MX2448F	25.3 11.5
24 610	54 1372	MQ2454G	18.5 8.4	MX2454F	25.0 11.3
24 610	60 1524	MQ2460G	20.3 9.2	MX2460F	26.8 12.1
24 610	72 1829	MQ2472G	23.5 10.7	MX2472F	31.0 14.1

Actual Dimensions:

Width: Add 3/16" (10mm) to nominal size.
Length: Subtract 3/16" (5mm) from nominal size.



MetroMax Q Open Grid Shelf



MetroMax i™ Solid Shelf

Heavy-Duty Dunnage Shelves

- Corrosion proof MetroMax i™ dunnage shelf is compatible with MetroMax Q.
- Open grid and solid version available.
- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 60" (1524mm) long.
- Dunnage shelves are recommended for use on units with four posts.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	36 914	MHP1836G	18 8.2	MHP1836F	22 10.0
18 457	48 1220	MHP1848G	22 10.0	MHP1848F	26 11.8
18 457	60 1524	MHP1860G	26 11.8	MHP1860F	30 13.6
24 610	36 914	MHP2436G	21 9.5	MHP2436F	25 11.3
24 610	48 1220	MHP2448G	27 12.2	MHP2448F	31 14.1
24 610	60 1524	MHP2460G	33 15.0	MHP2460F	37 16.8

Solid Mat Overlays

- Overlays snap onto the open grid mats to create a solid surface.
- Available for 21" (530mm) deep MetroMax Q shelves.

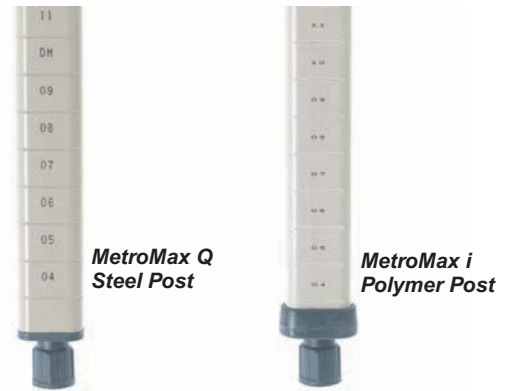
Fits Shelf		Model No.	Approx. Pkd. Wt.	
(in.)	(mm)		(lbs.)	(kg)
21x24	530x610	Q2124SM	0.35	0.16
21x30	530x760	Q2130SM	0.45	0.20
21x36	530x914	Q2136SM	0.50	0.23
21x42	530x1060	Q2142SM	0.60	0.27
21x48	530x1220	Q2148SM	0.70	0.32
21x54	530x1372	Q2154SM	0.80	0.36
21x60	530x1524	Q2160SM	0.90	0.41
21x72	530x1829	Q2172SM	1.00	0.45

METROMAX Q™ POLYMER AND STEEL SHELVING



Standard Interchangeable Posts

- MetroMax Q: Epoxy coated steel with Microban antimicrobial product protection.
- MetroMax i: Polymer with Microban antimicrobial product protection.
- Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 1" (25mm).
- When mounting a shelving unit to a dolly base, stationary posts are used.
- Special height cut posts are available. Consult your Metro representative.



Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	STATIONARY POST WITH LEVELING FOOT Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	14 ³ / ₄	375	MQ13PE	1.0	0.5	MX13P	0.5	0.2
27	685	28 ³ / ₄	730	MQ27PE	2.0	0.9	MX27P	0.9	0.4
33	875	34 ³ / ₄	883	MQ33PE	2.5	1.1	MX33P	1.0	0.5
54	1370	54 ³ / ₄	1391	MQ54PE	4.0	1.8	MX54P	1.6	0.7
63	1585	62 ³ / ₄	1594	MQ63PE	4.5	2.0	MX63P	1.8	0.8
74	1690	74 ³ / ₄	1899	MQ74PE	5.5	2.5	MX74P	2.2	1.0
86	2195	86 ³ / ₄	2203	MQ86PE	6.5	2.9	MX86P	2.5	1.1

Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	POST FOR STEM CASTER Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	13 ³ / ₄	349	MQ13UPE	1.0	0.5	MX13UP	0.5	0.2
27	685	27 ³ / ₄	705	MQ27UPE	2.0	0.9	MX27UP	0.9	0.4
33	875	33 ³ / ₄	857	MQ33UPE	2.5	1.1	MX33UP	1.0	0.5
54	1370	53 ³ / ₄	1365	MQ54UPE	4.0	1.8	MX54UP	1.6	0.7
63	1585	61 ³ / ₄	1568	MQ63UPE	4.5	2.0	MX63UP	1.8	0.8
70	1778	69 ³ / ₄	1765	MQ70UPE	5.0	2.3			
74	1690	73 ³ / ₄	1873	MQ74UPE	5.5	2.5	MX74UP	2.3	1.0
86	2195	85 ³ / ₄	2178	MQ86UPE	6.5	2.9	MX86UP	2.5	1.4

Replacement Leveling Foot:
Model No. RPM3-FOOT

Replacement Post Cap for Steel Post:
Model No. RPMQS-POSTCAP

Replacement Post Cap for Polymer Post:
Model No. RPMXS-POSTCAP

Replacement MetroMax Q Wedges
Model No. MQ9985 Bag of 4



NOTE: Compatibility with existing Metro polymer mat shelving systems

- MQ9985 wedges are compatible with original MetroMax Q shelves and posts.
- The post centers on MetroMax Q have been changed to allow interchangeability with MetroMax i™ shelves. MetroMax Q shelves manufactured within or after April 2009 are not compatible with Q shelves made prior to April 2009.
- MetroMax Q is not compatible with original MetroMax manufactured prior to April 2009.
- Posts listed in above table (ex. MQ74PE, MX74PE) can be used with original MetroMax Q shelves made prior to April 2009.

Post Clamp

Adds stability by joining posts of two separate units together. With it, each unit is supported by four posts and buttressed by the adjacent unit.

Model No. 9994X

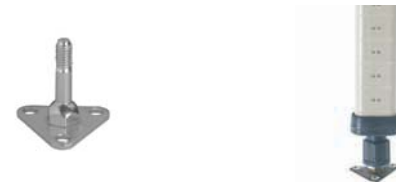


Foot Plate

Use to add stability to the shelving unit or to bolt units to the floor.

Model No. Zinc 9993Z

Model No. Stainless Steel 9993S



Stem Casters

A variety of stem casters are offered for MetroMax i™ mobile applications.

Stem caster models include bumpers.

See Catalog Sheet 11.20 for stem casters.

Load Rating: 3 x Stem Caster Load Rating, maximum — 900 lbs. (363kg) per stem caster cart.





METROMAX Q™ POLYMER AND STEEL SHELVING

Starter and Add-On Units

- 4- and 5-tier models available. Consult the Metro catalog for models.
- Starter units: consist of shelves and (4) posts
- Add-on units: consist of shelves, (2) posts, and “S” Hooks (M9995)

“S” Hook: Used to “add on” one or multiple MetroMax Q™ storage systems while eliminating the cost of two posts per unit. Can be used to join units end-to-end, back-to-back, at right angles, etc. Two “S” hooks are required for each shelf.

Cat. No. M9995



MetroMax Q™ Intermediate

“S” Hook: Use when configuring MetroMax Q Starter and Add-On Units at right angles.

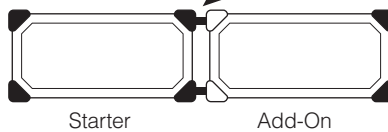
Model No. Q9995Z



	Regular “S” Hook location
	Intermediate bracket location
	Post
	Post not required

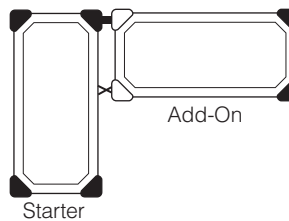
END-TO-END

“S” Hooks
M9995 — qty. 2



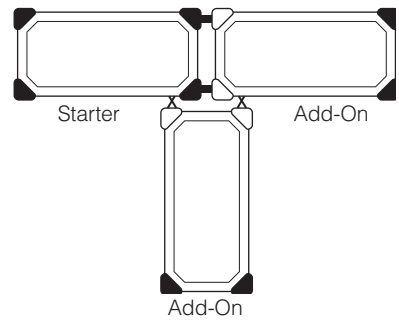
RIGHT ANGLES

Intermediate “S” Hook Kit
Q9995Z — qty. 1; M9995 — qty. 1



COMBINATION

Intermediate “S” Hook Kits
Q9995Z — qty. 2; M9995 — qty. 2



MetroMax Q™ Carts

- 4- and 5-tier models
- Grid shelf models
- Units consist of shelves, (4) posts, (2) swivel, and (2) swivel brake casters.
- Consult the Metro catalog for models.



All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation

North Washington Street, Wilkes-Barre, PA 18705
Phone: 570-825-2741
Fax: 570-825-2852

L02-178
Printed in U.S.A. 4/09

Information and specifications are subject to change without notice. Please confirm at time of order.

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For Product Information:
U.S. and Canada: 1.800.433.2232

Latin America: 1.561.333.3824
Europe: +31.76.587.7550

Asia/Pacific: +65.6567.8003
Middle East/Africa: +971.4.811.8286





T&S BRASS AND BRONZE WORKS, INC.
 2 SADDLEBACK COVE / P.O. BOX 1088 / TRAVELERS REST, SC 29690
 PHONE 800-476-4103 - FAX 864- 834-3518



Model No.
B-0113-B
RELIABILITY BUILT IN

Job Name:

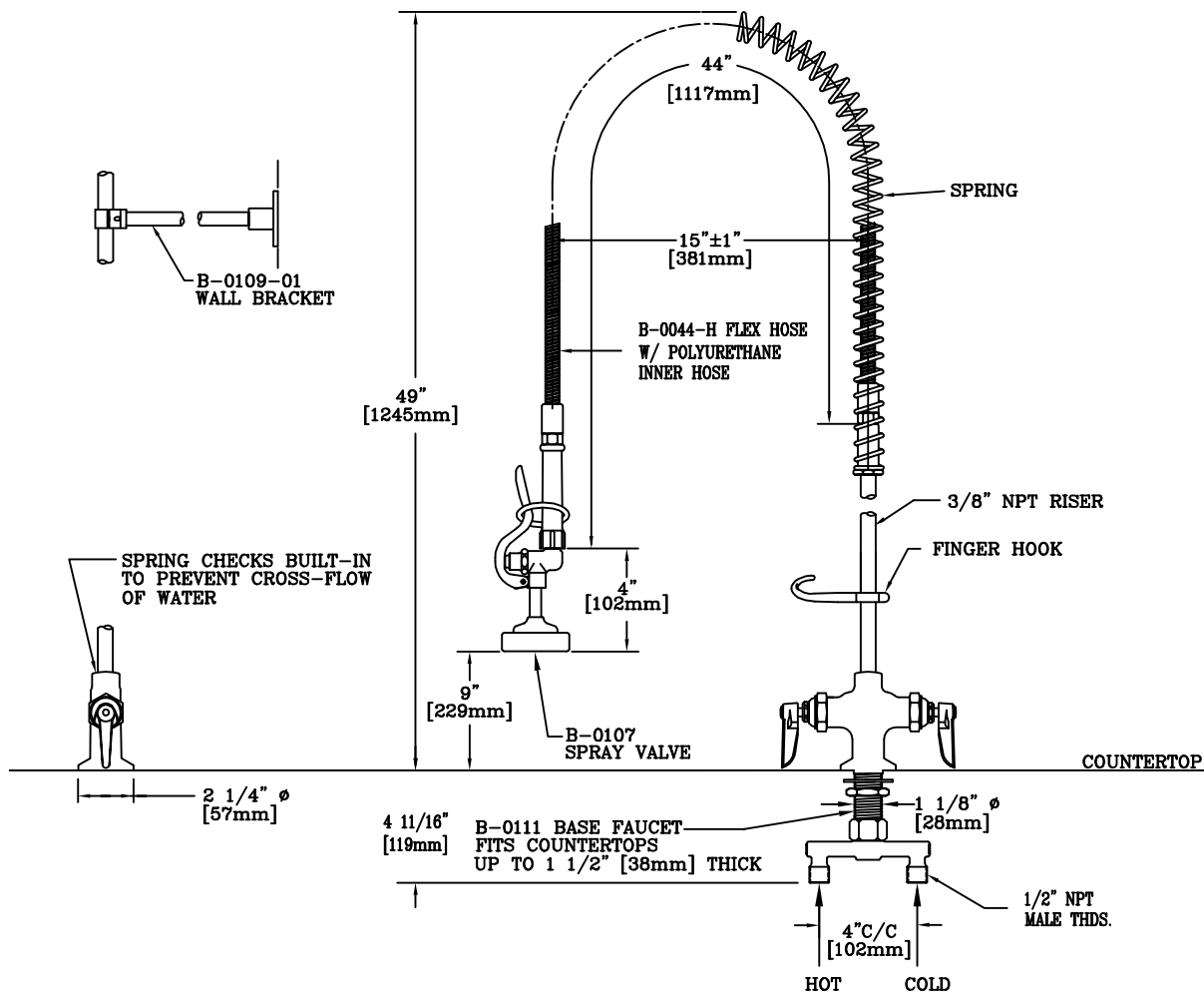
Architect/Engineer Approval:

Notes:

18



ADA COMPLIANT



Product Description:
 DECK MOUNT PRE-RINSE UNIT WITH B-0107 SPRAY VALVE, 4" SPREADER ASM. w/ 1/2" NPT MALE INLETS

Drawn:
 WJS
 Approved
 MVW

Checked
 JKD

Scale:
 1 : 8
 Date:
 3/27/02



1-1/2 – 2 H.P. DISPOSER MODELS

Heavy-duty disposer designed for continuous operation in restaurants, hotels, hospitals and cafeterias. Food waste including steak bones is quickly and efficiently removed with this labor-saving, self-cleaning, environmentally sound disposer.

SPECIFICATIONS

- **Grind Chamber:** Corrosion Resistant Stainless Steel
- **Mounting:** 3/4" (19.1 mm) rubber mounting above grinding chamber isolates sound and eliminates vibration. Mounting is enclosed in chrome plated covers for sanitation and appearance.
- **Motor:** 1-1/2 – 1 HP Induction Motor, 1725 RPM, totally enclosed to provide protection against outside moisture. Controlled power air flow cools motor for efficiency and longer life. Built-in thermal overload protection.
- **Cutting Elements:** Stationary and rotating shredding elements made from cast nickel chrome alloy for long life and corrosion resistance, designed for reverse action grinding.
- **Main Bearings:** Double-tapered Timken roller bearings provide a shock absorbing cushion.
- **Motor Seals:** Triple lip seal protects motor from water damage. Secondary spring-loaded oil seal provides double protection against water and loss of grease.
- **Finish:** All Stainless Steel and Chrome plated. Paint-free for lasting sanitation.
- **Warranty:** 1 year full warranty from date of installation.
- **A Disposer Package Includes:** 1 Mounting/Bowl Assembly, 1 Electrical Control, 1 Syphon Breaker, 1 Solenoid Valve, and 1 Flow Control Valve. The standard Flow Control Valve will be sent with the unit unless the optional valve is specified.



MODEL & HORSEPOWER/ELECTRICAL REQUIREMENTS

- | | | |
|--------------------------|--------------------------|--------------------------|
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NOTE: All amp ratings denote amp draw during a grind load.

ELECTRICAL CONTROLS



AS-101 Control Center "Aqua Saver" (Auto-Reversing)



CC-101 Control Center (Auto-Reversing)



CC-202 Control Center (Auto-Reversing)



Manual Reverse Switch (Dual Direction)



Manual Switch (Single Direction)

Our products appear on **The KCL CADalog** CD-ROM based CAD Foodservice Symbol Library. More information is available from **Kochman Consultants, Ltd.** at www.kclcad.com.



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TEL: 800-845-8345
FAX: 262 554-3620

www.insinkerator.com






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DISPOSER MOUNTING ASSEMBLIES (choose one)




Bowl Mounts

-  Type A Sink Bowl Assembly: Includes bowl, water nozzle(s), bowl cover, splash baffle
-  Type B Sink Bowl Assembly: Includes bowl, water nozzle(s), silver guard, splash baffle
-  Type C Sink Bowl Assembly: Includes bowl, water nozzle(s), splash baffle

Sink Bowl Assembly Size

- 12" (304.8 mm) with one adjustable water nozzle
- 15" (381.0 mm) with one adjustable water nozzle
- 18" (457.2 mm) with two adjustable water nozzles

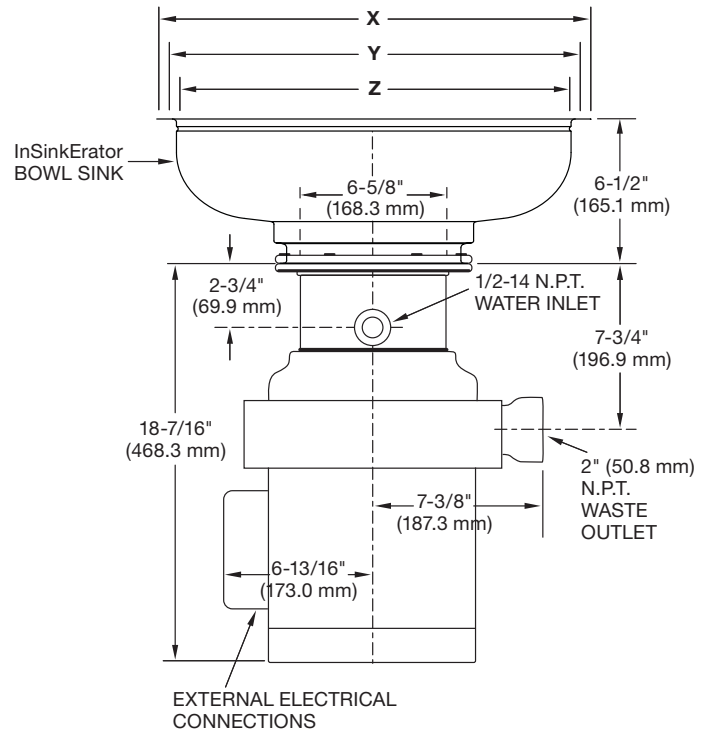
Collar Mounts

-  #5 Sink Flange Mounting Assemblies for 3-1/2" – 4" (88.9 mm – 101.6 mm) sink opening (support legs are recommended)
-  #6 Collar Adaptor for welding into trough, provides 6-5/8" (168.3 mm) opening, includes splash baffle
-  #7 Collar Adaptor for welding into sink, provides 6-5/8" (168.3 mm) opening, includes splash baffle and stopper

DIMENSIONS

IMPORTANT: Use dimension chart below for adaptor height in place of InSinkEerator bowl sink height when mounting directly to a sink.

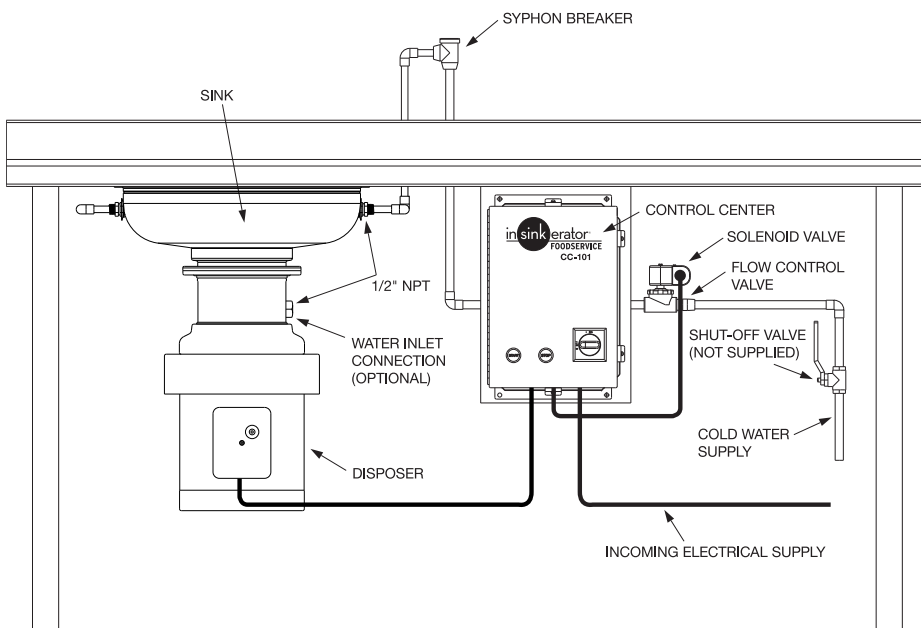
Bowl Sinks	Flange O.D. X	Work Table Hole Y	Flange I.D. Z	Height
12" (304.8 mm)	13-1/2" (342.9 mm)	12-1/4" (311.2 mm)	12" (304.8 mm)	6-1/2" (165.1 mm)
15" (381 mm)	16-1/2" (419.1 mm)	15-1/4" (387.4 mm)	15" (381.0 mm)	6-1/2" (165.1 mm)
18" (457.2 mm)	19-1/2" (495.3 mm)	18-1/4" (463.6 mm)	18" (457.2 mm)	6-1/2" (165.1 mm)
Adaptors	X	Y	Z	Height
No. 5	Fits Standard Sink Opening: 3-1/2" – 4" (88.9 mm – 101.6 mm)			2-3/4" (69.9 mm)
No. 6	7-13/16" (198.4 mm)	6-7/8" (174.6 mm)	6-5/8" (168.3 mm)	1-3/16" (30.7 mm)
No. 7	9-1/8" (231.8 mm)	7-7/8" (200.0 mm)	7-5/8" (193.7 mm)	2-1/16" (52.4 mm)



NOTE:

- Adaptors are available upon request for all competitor sink bowls or cones.
- Please have sink bowl/cone type with the necessary dimensions when ordering adaptors.
- Also available as a short body model. Reduces overall height of disposer by 1" (25.4 mm).

RECOMMENDED INSTALLATION



RECOMMENDED WATER USAGE

	Standard	Optional
SS-150	7 GPM (26.5 LPM)	5 GPM (18.9 LPM)
SS-200	7 GPM (26.5 LPM)	5 GPM (18.9 LPM)

For additional information, see Foodservice Product Information Binder.



Profit from the Eagle Advantage®

Specification Sheet

Short Form Specifications

Eagle Mobile Soak Sinks, model _____ constructed of 14/304 stainless steel with a 1½" high rolled rim on all sides. 20" x 20" x 8" deep stainless steel sink with lever drain. 1½" O.D., 16/304 stainless steel tubular legs, stainless steel gussets, stainless steel crossbracing and four 5"-diameter casters (two with brakes).

Eagle Mobile Silverware Soak Sinks, model _____ constructed of 14/304 stainless steel with a 1½" high rolled rim on all sides. 20" x 20" x 8" deep stainless steel sink with lever drain, stainless steel perforated lift-out basket, and stainless steel silver chute. 1½" O.D. stainless steel tubular legs, stainless steel gussets, stainless steel crossbracing and four 5"-diameter casters (two with brakes).



mobile soak sink



mobile silverware soak sink with silverware chute and silverware basket

Item No.:	20
Project No.:	
S.I.S. No.:	

Mobile Soak Sinks

MODELS:

MSS2020

MSS2424

MSS2020SC

MSS2424SC

Design and Construction Features

- 14 gauge type 304 all-welded stainless steel construction.
- 1½" (38mm) rolled edge on all four sides.
- 8" (203mm) deep sink with generous corner radius.
- Lever drain.
- Four 5" (127mm) casters - two with brakes.
- Stainless steel gussets, legs, and crossbrace.
- Stainless steel chute and perforated basket standard on silver soak sinks.

EAGLE GROUP

100 Industrial Boulevard, Clayton, DE 19938-8903 USA

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Foodservice Division: Phone 800-441-8440

MHC/Retail Display Divisions: Phone 800-637-5100

For custom configuration or fabrication needs, contact our SpecFAB® Division.

Phone: 302-653-3000 • Fax: 302-653-3091 • e-mail: specfab@eaglegrp.com

Certifications / Approvals



EG50.04 Rev. 06/09

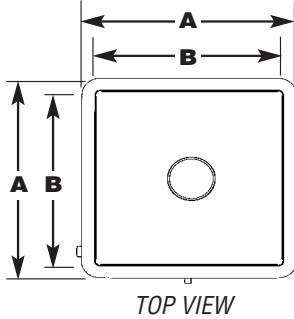
Spec sheets available for viewing, printing or downloading from our online literature library at www.eaglegrp.com

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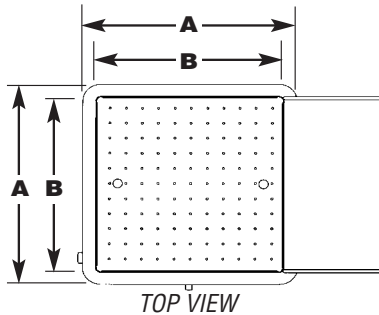
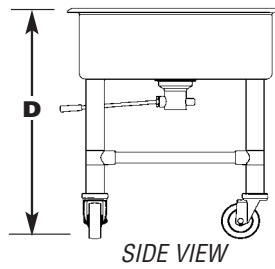
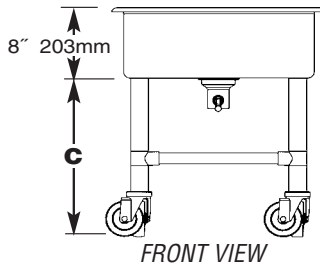
Item No.: _____
 Project No.: _____
 S.I.S. No.: _____

Mobile Soak Sinks



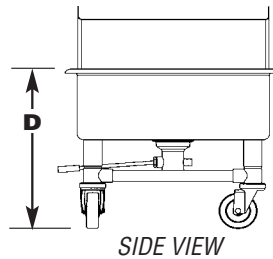
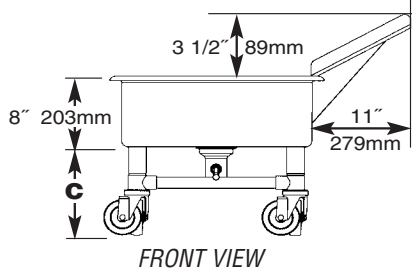
Mobile Soak Sinks

model #	dimensions								weight	
	A		B		C		D		lbs.	kg
MSS2020	23"	584	20"	508	25"	635	33"	838	80	36.3
MSS2424	27"	686	24"	610	25"	635	33"	838	90	40.8



Mobile Silver Soak Sinks

model #	dimensions								weight	
	A		B		C		D		lbs.	kg
MSS2020SC	23"	584	20"	508	12"	305	20"	508	75	34.0
MSS2424SC	27"	686	24"	610	12"	305	20"	508	85	38.6



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Foodservice Division: Phone 800-441-8440
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 Rev. 06/09

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T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



REG. #A2601
ISO #9001

Model No.
B-7122-C02

Item No.

21

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

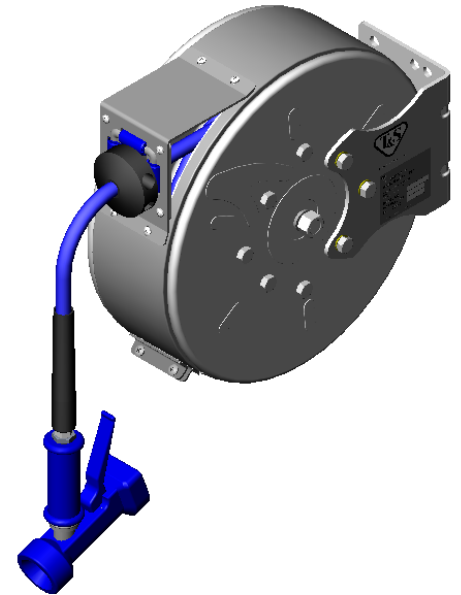
Job Name _____ Date _____

Model Specified _____ Quantity _____

Customer/Wholesaler _____

Contractor _____

Architect/Engineer _____



3/8" NPT Female Inlet
(Left Side of Reel)

Enclosed Stainless Steel Hose Reel;
30 Ft. of 3/8" Hose

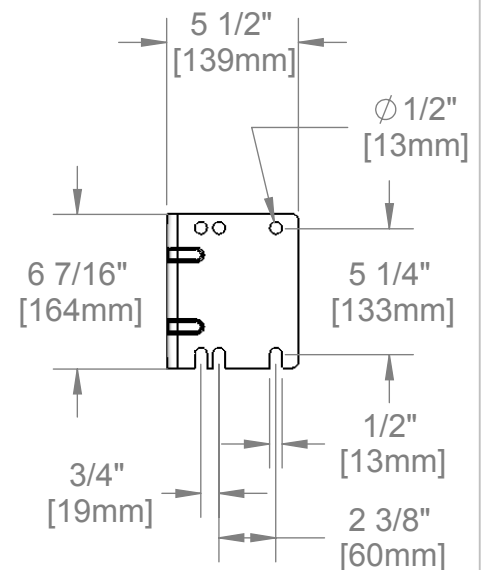
Ø 15 3/8"
[390mm]

6 7/16"
[164mm]

8 13/16"
[223mm]

16 7/16"
[418mm]

MV-2516-24 Rear Trigger Style Gun
w/ Retractable Hold Down Clip,
Stainless Steel Body and Royal
Blue Rubber Cover.



Product Specifications:

**3/8" x 30 Ft. Enclosed Stainless Steel Reel
MV-2516-24 Rear Trigger, 5/16" Spray Gun**

Drawn
JRM

Checked
DHL

Approved
JHB

Scale:

1:8

Date:

12/19/07



T&S BRASS AND BRONZE WORKS, INC.
 2 Saddleback Cove / P.O. Box 1088
 Travelers Rest, SC 29690



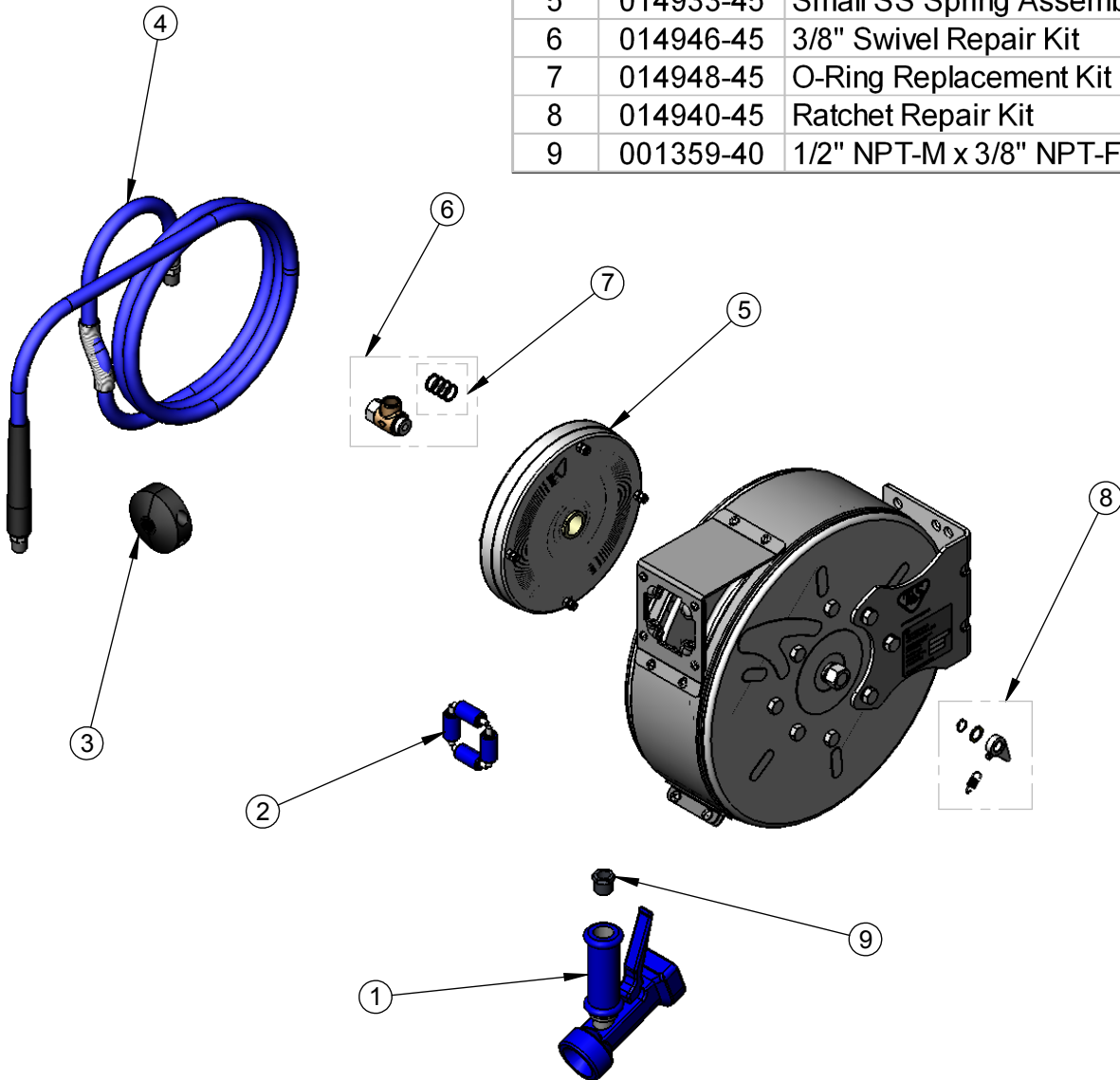
REG. #A2601
 ISO #9001

Model No.
B-7122-C02

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	MV-2516-24	5/16" Orifice, Rear Trigger Gun
2	014936-45	Roller Assembly Repair Kit
3	014949-45	Hose Stop Repair Kit
4	014943-45	3/8" x 30' Hose Replacement Kit
5	014933-45	Small SS Spring Assembly
6	014946-45	3/8" Swivel Repair Kit
7	014948-45	O-Ring Replacement Kit
8	014940-45	Ratchet Repair Kit
9	001359-40	1/2" NPT-M x 3/8" NPT-F Adapter



Product Specifications:

3/8" x 30 Ft. Enclosed Stainless Steel Reel
 MV-2516-24 Rear Trigger, 5/16" Spray Gun

Drawn JRM	Checked DHL	Approved JHB
Scale: 1:8		Date: 12/19/07



701 S Ridge Avenue, Troy, OH 45374
1-888-4HOBART • www.hobartcorp.com

FT900 FLIGHT-TYPE DISHWASHER

HOBART

STANDARD FEATURES

- Opti-RinSe™ system
- Water usage 132 gph @ 20 psi
- Microprocessor controls
- Low temperature alert
- Single point vent connection
- 42" access doors on power wash and power rinse chambers, 34" access doors on prewash chamber
- Variable speed conveyor 4-8.5 fpm
- Start and stop switches at both ends
- Doors open indicator
- Load end flush system
- Door interlocks
- 3 H.P. TEFC prewash, power wash and power rinse pump motors
- Easy to remove wash arms
- Easy to remove scrap trays and baskets
- 30½" wide conveyor
- Insulated hinged doors
- Front and rear panels

DIRECTION OF OPERATION

- Right to Left
- Left to Right

VOLTAGE

- 208/60/3
- 240/60/3
- 480/60/3
- Other voltages available. Consult factory.

MODEL

- FT900 – Flight-Type Dishwasher

OPTIONS AT EXTRA COST

- Energy Recovery – **advansys** (will require a back draft preventer)
- Electric Tank Heat
- Steam Tank Heat
- Booster Heater
 - Electric
 - Steam
- Blower Dryer
 - Electric
 - Steam
- 6" higher than standard chamber
- Prewash temperature control
- Multiple conveyor choices
- Circuit breakers
- Insulated counterbalanced sliding doors option
- Optional conveyor speeds
- Other options available, consult factory

ACCESSORIES

- Feet
 - Extended
 - Flanged
- Water hammer arrestor/PRV.

Specifications, Details and Dimensions on Inside and Back.



FT900 FLIGHT-TYPE DISHWASHER



LA Research Report #M660004

FT900 FLIGHT-TYPE DISHWASHER

HOBART

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DESIGN: Fully automatic, flight-type dishwasher machine consisting of a load section with power recirculating prewash, an 8 foot power wash, power rinse and final rinse section. Included with each machine will be flexible plastic strip curtains to control over spray.

CONSTRUCTION: Stainless steel tank and chambers with No. 3 polish on appearance surfaces. Frame, legs and feet to be constructed of stainless steel. Inspection doors to be chamber width.

PUMPS: Recirculating stainless steel pumps with stainless steel impellers. Pump housing has easy to remove coverplate for access to impeller. All pumps are self-draining. 150 gpm prewash; 292 gpm power wash/power rinse.

MOTORS: Totally enclosed fan cooled design, with inherent overload protection. Prewash, power wash and power rinse motors to be 3 H.P. each, conveyor ½ H.P. Available in electrical specifications of 200-240/60/3 and 480/60/3.

CONTROLS: A stainless steel control center with electronic digital controls mounted at eye level. Power “On/Off” and “Start/Stop” switches integrated into keypad. Digital display indicates door(s) open, low temperature alert, tanks/final rinse temperatures, and other pertinent operating data. Additional “Start/Stop” switches are located at each end of machine.

FLIGHT-TYPE CONVEYOR: Stainless steel side links, tie rods and conveyor tracks. Injection molded, resilient Duraflex flight links.

VENT: Single built-in vent duct with dampers mounted in cleanable cross duct.

RECIRCULATING PREWASH SECTION: Prewash compartment is fitted with upper and lower wash arms. Prewash flush down for prewash tank bed. Large removable one piece perforated stainless steel screen sloped downward to deep stainless steel scrap basket.

TANK HEAT: Power wash and power rinse tank water temperatures are thermostatically controlled. Low water protection is provided. Specify either electric or steam heat.

FINAL RINSE: Easily removed final rinse arms.

CONVEYOR DRIVE UNIT: Powered by a ½ H.P. motor. Trip mechanism provided on unload section. Jam protection is provided by load sensing switch at drive platform. Conveyor speed adjustment of 4 fpm to 8.5 fpm is provided in the main control box.

DRAINS: Manual, hand operated, located in each tank.

No other control system allows easier monitoring.

The controls are placed in a convenient panel that lets operators verify proper operation and temperatures at a glance.

Digital display indicates the unit is on, and confirms that the doors are closed. Automatic door interlocks



prevent the pump and conveyor from operating if the doors are open. Easy-to-read digital display indicates accurate temperatures of the 150°F wash, 160°F power rinse, 160°F dual rinse and 180°F final rinse — critical for proper HACCP system record-keeping.

Stainless steel pump is built for long life.

The stainless steel pump housing and impeller offer greater durability and long life. The pump motor is totally enclosed and fan cooled (TEFC) to protect it from water spray during dishroom clean-up. The pump is also externally mounted to the frame for added rigidity and easy access to the clean-out port.



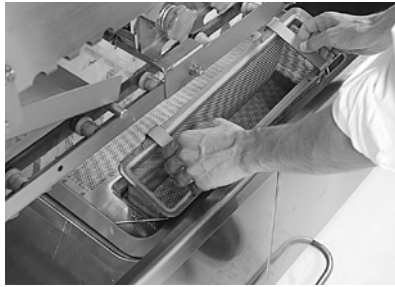


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FT900 FLIGHT-TYPE DISHWASHER

Scrap baskets capture food particles and are easy to clean.

The sloped screens that carry scraps to the scrap baskets are steeper, so less soil gets into the tanks. The basket opening is larger for easy cleaning and basket handles have been designed for easy lift-out access.



The FT900 Series saves water and energy.

The unit is designed to cut water and energy usage, yet provide effective cleaning and sanitizing that meet NSF International requirements.

This is achieved through a carefully balanced ratio of water flow to pressure. At 292 gallons per min-

ute (gpm), the machine offers excellent wetting and flooding over ware. Insulated doors also reduce heat loss. The unit's 2.2 gpm/132 gallons per hour rinse flow rate (the lowest in the industry on a standard machine) saves both water and the energy to heat it.

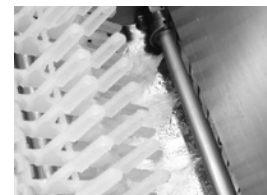
Wider, variable speed conveyor offers increased throughput.

The conveyor on the FT900 Series is wider so it can handle more ware. Result: more volume and versatility, quicker work. Its speed is servicer adjustable for the type of ware, soiled condition, or work-force requirements. It can be adjusted from 4 to 8.5 feet per minute.



Optional Energy Recovery system.

The optional Energy Recovery system captures escaping heat and steam from the exhaust air and uses a heat exchanger to recycle it into energy. This free energy is used to preheat the incoming water supply before it enters the booster heater. The cold ground temperature water passes through a heat exchanger positioned directly in line with the machine's exhaust system to capture the energy from the exhaust air to elevate the temperature of the water to 128° before it enters the booster heater.



Flush arm keeps load end clean.

The load end also has a readily removable flush arm to rinse food scraps into the prewash area scrap basket.

Self-draining pumps help keep water clean.

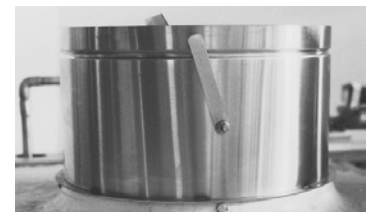
Pumps are self-draining when the machine is shut down, so there is no residual water left in the pumps.

Installation is quick and easy with modular design, minimal wiring connections, and single point vent.

Modular design means the FT900 installs quickly, and reliably. Sections fit through 42" doors. The control panel is already in place, premounted to the power wash/power rinse/final rinse section.

Wiring connections are minimal, and there is only a single vent connection, saving time and expense.

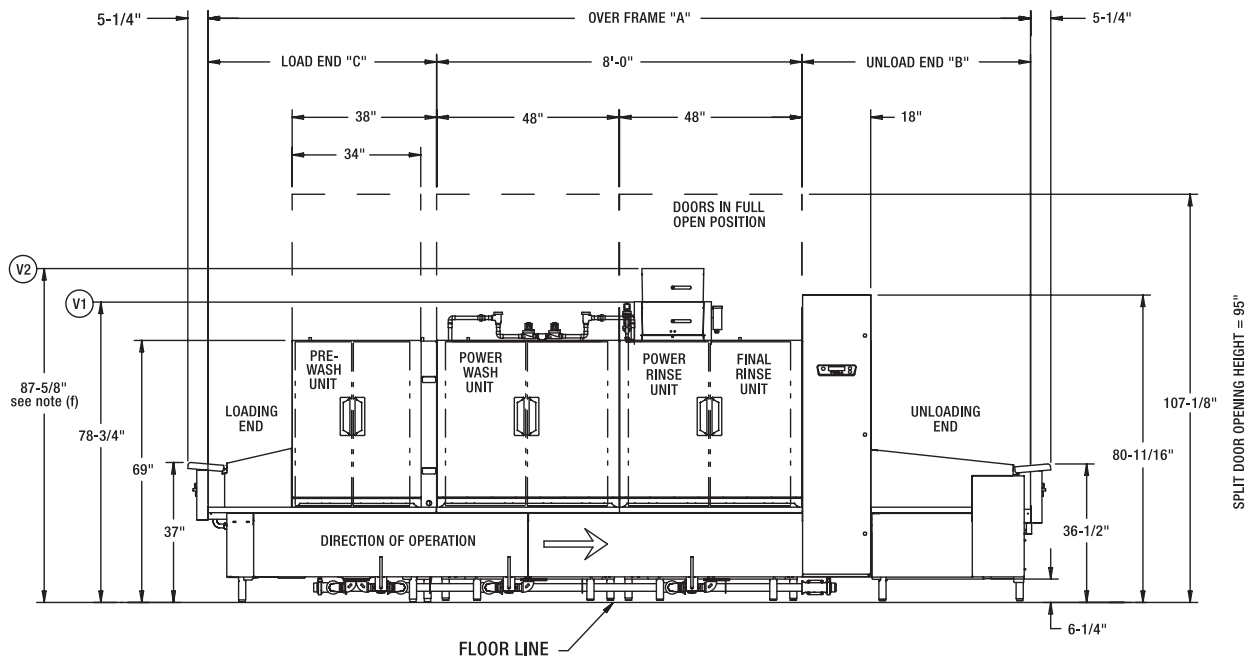
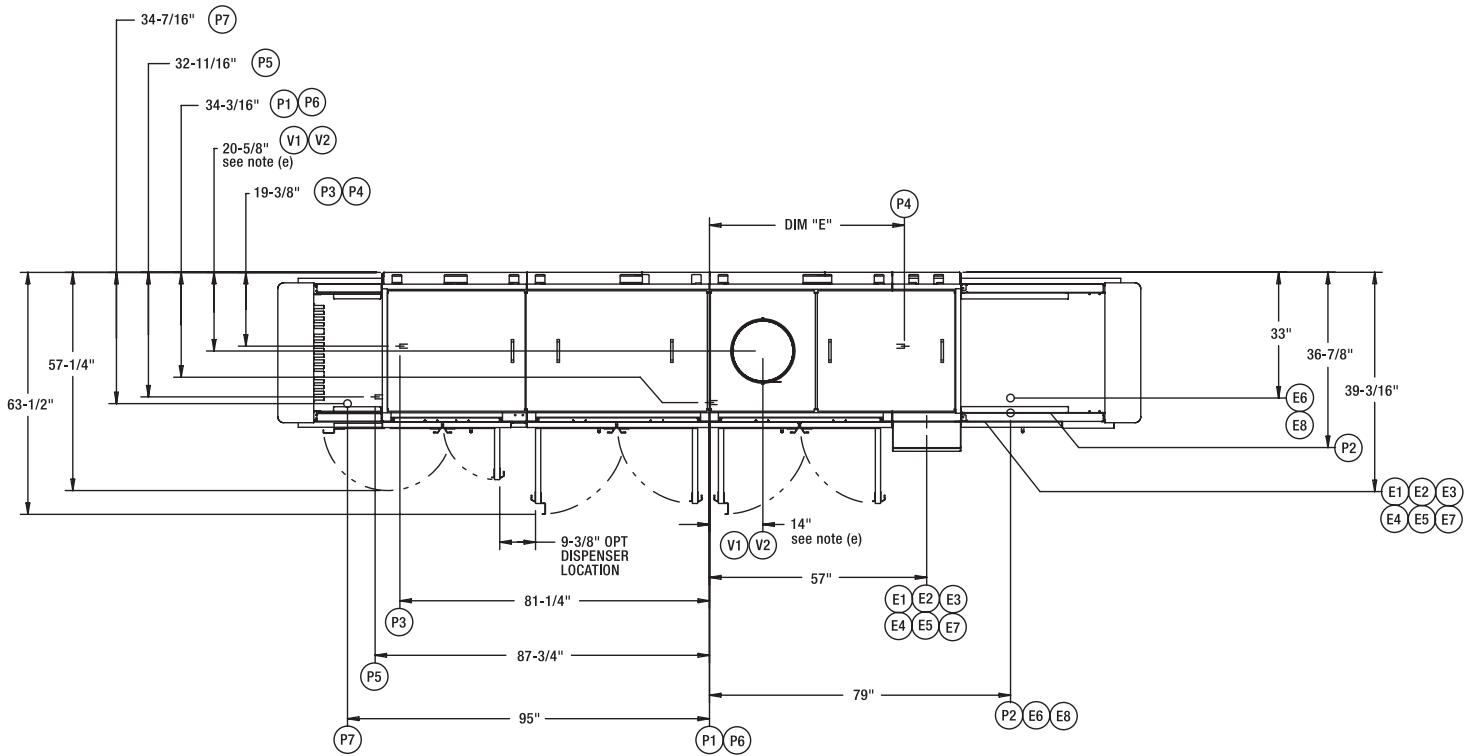
The control box uses a "single plane" circuitry design for easy accessibility during installation and service. The FT900 is ready to run quickly.



FT900 ELECTRIC L-R



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FT900 ELECTRIC L-R

ELECTRICAL CONNECTIONS COMMON ON ALL MODELS:

- E1 ELECTRIC CONNECTION, DETERGENT AND RINSE FEEDERS (MACHINE SERVICE VOLTAGE), 1/2" CONDUIT, 76-7/8" AFF
- E2 ELECTRIC CONNECTION, VENT FAN CONTROL (SWITCH CONTACTS) 1/2" CONDUIT, 79-3/8" AFF

ELECTRICAL CONNECTIONS W/O CIRCUIT BREAKERS:

- E3 ELECTRIC CONNECTION, MOTORS & CONTROLS, 1" CONDUIT, 78-1/8" AFF
- E4 ELECTRIC TANK HEAT CONNECTION, 26 KW, 1" CONDUIT, 78-1/8" AFF
- E5 ELECTRIC TANK HEAT CONNECTION, 26 KW, 1" CONDUIT, 78-1/8" AFF
- E6 ELECTRIC CONNECTION, (OPTIONAL) ELECTRIC BOOSTER, 1-1/2" CONDUIT, 18-1/8" AFF

ELECTRICAL CONNECTIONS WITH CIRCUIT BREAKERS:

- E7 ELECTRIC CONNECTION, MOTORS, CONTROLS AND TANK HEAT (WHEN CIRCUIT BREAKER OPTION IS SPECIFIED), 2" CONDUIT, 78-1/8" AFF
- E8 ELECTRIC CONNECTION, (OPTIONAL) ELECTRIC BOOSTER, 1-1/2" CONDUIT, 18-1/8" AFF

PLUMBING CONNECTIONS:

- P1 FILL CONNECTION, (WHEN NO BOOSTER IS SPECIFIED), AUTOMATIC FILL, 140° F WATER, 1" FPT, 7-5/16" AFF
- P2 FINAL RINSE CONNECTION, (WHEN NOT SUPPLIED WITH BOOSTER WATER HEATER) 3/4" FPT, 180° F WATER MINIMUM, 11-3/16" AFF see notes (b) and (d).
- P3 COMMON DRAIN CONNECTION, (WHEN DRAIN TO LOAD END IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P4 COMMON DRAIN CONNECTION, (WHEN DRAIN TO UNLOAD END OPTION IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P5 COLD WATER CONNECTION, (WHEN PREWASH TEMPERATURE CONTROL OPTION IS SPECIFIED WITHOUT ENERGY RECOVERY), 1" FPT, 14-1/2" AFF
- P6 COMMON HOT WATER CONNECTION, (AUTOMATIC FILL) (WHEN ELECTRIC BOOSTER OR ENERGY RECOVERY OPTION IS SPECIFIED), 1" FPT, 140° F WATER MINIMUM, 7-5/16" AFF see notes (b) and (d).
- P7 COLD WATER CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED WITH OR WITHOUT THE PREWASH TEMPERATURE CONTROL OPTION), 55° F WATER MINIMUM, 1" FPT, 10" AFF see notes (c) and (d)

VENTILATION CONNECTIONS:

- V1 CUSTOMER'S VENT CONNECTION, (WHEN NOT SUPPLIED WITH ENERGY RECOVERY) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 78-3/4" AFF see note (e).
- V2 CUSTOMER'S VENT CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 87-5/8" AFF see notes (e) and (f).

GENERAL NOTES:

- (a) THE CONTROL BOX IS ATTACHED TO THE CENTER SECTION, AND THE CONTROL BOX IS ROTATED 90 DEGREES ALLOWING THE CENTER SECTION TO FIT THROUGH A 42" WIDE, 7' DOOR OPENING.
WITH BACK PANEL AND END CAPS REMOVED, CONTROL PANEL HINGED BACK AND ALL REAR PIPING REMOVED, OVERALL WIDTH OF MACHINE IS 39-1/8".
AFF = ABOVE FINISHED FLOOR
ALL DIMENSIONS TAKE FROM THE FLOOR LINE MAY INCREASE 2-1/2" OR DECREASE 1/2" WITH LEG ADJUSTMENT.
FOR CONVENIENCE WHEN CLEANING, CUSTOMER SHOULD INSTALL WATER TAP NEAR MACHINE WITH 30 FT. OF HEAVY DUTY HOSE WITH SQUEEZE VALVE.
THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE UTILIZED FOR MANUFACTURING OF UNIT.

ELECTRICAL WARNING:

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER ELECTRICAL CODES.
SERVICE WIRE TEMPERATURE RATING: 90°C.

PLUMBING NOTES:

- PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY AND PLUMBING CODES.
RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS PER GALLON FOR BEST RESULTS.
- (b) RECOMMENDED BUILDING FLOWING HOT WATER PRESSURE TO THE DISHWASHER IS 30-35 PSI.
- (c) RECOMMENDED BUILDING FLOWING COLD WATER PRESSURE TO THE DISHWASHER IS 45-50 PSI WHEN THE ENERGY RECOVERY OPTION IS SPECIFIED. IF COLD WATER IS LESS THAN 55°F CONTACT SALES ENGINEERING.
- (d) WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN FINAL RINSE WATER SUPPLY LINE AT SERVICE CONNECTION.

VENTILATION NOTES:

- (e) THIS DIMENSION IS SUBJECT TO NORMAL SHEET METAL TOLERANCES
- (f) THE VENT STACK CAN BE TEMPORARILY REMOVED FROM THE ENERGY RECOVERY UNIT TO YIELD 79" CLEARANCE FOR DOORWAYS.

SERVICE CONNECTION W/O CIRCUIT BREAKERS (3) SERVICE CONNECTIONS AS SHOWN BELOW			
ELECTRIC TANK HEAT, POWER WASH & POWER RINSE (2) 26 KW CONNECTIONS, EACH AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICES
208/60/3	TWO @ 77.7 EA.	100	100
240/60/3	TWO @ 74.0 EA.	100	100
480/60/3	TWO @ 37.0 EA.	45	45
MOTORS AND CONTROLS (1) SERVICE CONNECTION AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208-240/60/3	29.9	40	40
480/60/3	17.5	25	25

SERVICE CONNECTION WITH CIRCUIT BREAKERS (1) SERVICE CONNECTION AS SHOWN BELOW			
MOTORS, CONTROLS AND TANK HEAT			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICES
208/60/3	185.3	225	225
240/60/3	177.9	225	225
480/60/3	91.5	125	125

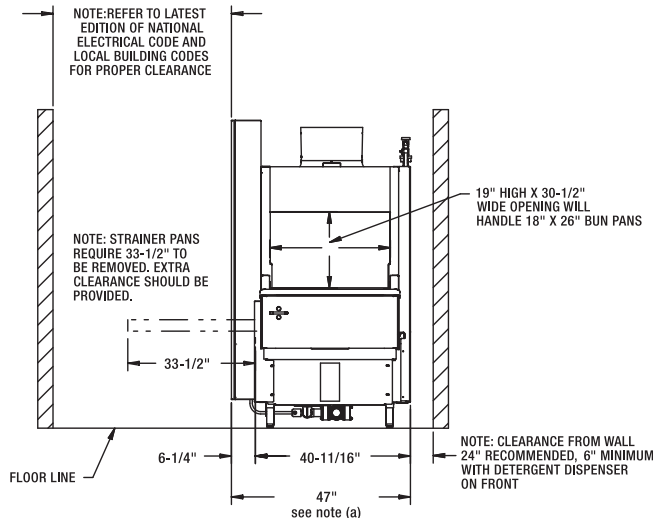
MOTORS	FT900
PREWASH	3 H.P.
POWER WASH	3 H.P.
POWER RINSE	3 H.P.
CONVEYOR	1/2 H.P.

MODEL NO.	"A"	"B"	"C"	DIM "E" COMMON DRAIN CONNECTION	
				5' 7", 9" UNLOADS	11" UNLOAD
FT918 (5-8-5)	18'-0"	5'-0"	5'-0"	51-5/32"	-
FT920 (7-8-5)	20'-0"	5'-0"	7'-0"		-
FT920 (5-8-7)	20'-0"	7'-0"	5'-0"		-
FT922 (7-8-7)	22'-0"	7'-0"	7'-0"		-
FT922 (5-8-9)	22'-0"	9'-0"	5'-0"		-
FT924 (7-8-9)	24'-0"	9'-0"	7'-0"		-
FT924 (5-8-11)	24'-0"	11'-0"	5'-0"	-	117-5/32"
FT926 (7-8-11)	26'-0"	11'-0"	7'-0"	-	-

NOTE: OVERALL LENGTH OF MACHINE IS DIMENSION "A" + 10 1/2".

30KW BOOSTER CAN BE USED WITH OR WITHOUT ENERGY RECOVERY INCOMING WATER TEMPERATURE OF 105°F OR ABOVE (1) SERVICE CONNECTION AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICES
208/60/3	92.4	125	125
240/60/3	80.1	100	100
480/60/3	40.1	50	50

*15KW BOOSTER AVAILABLE FOR SPECIFIC APPLICATIONS
CONTACT HOBART SALES ENGINEERING

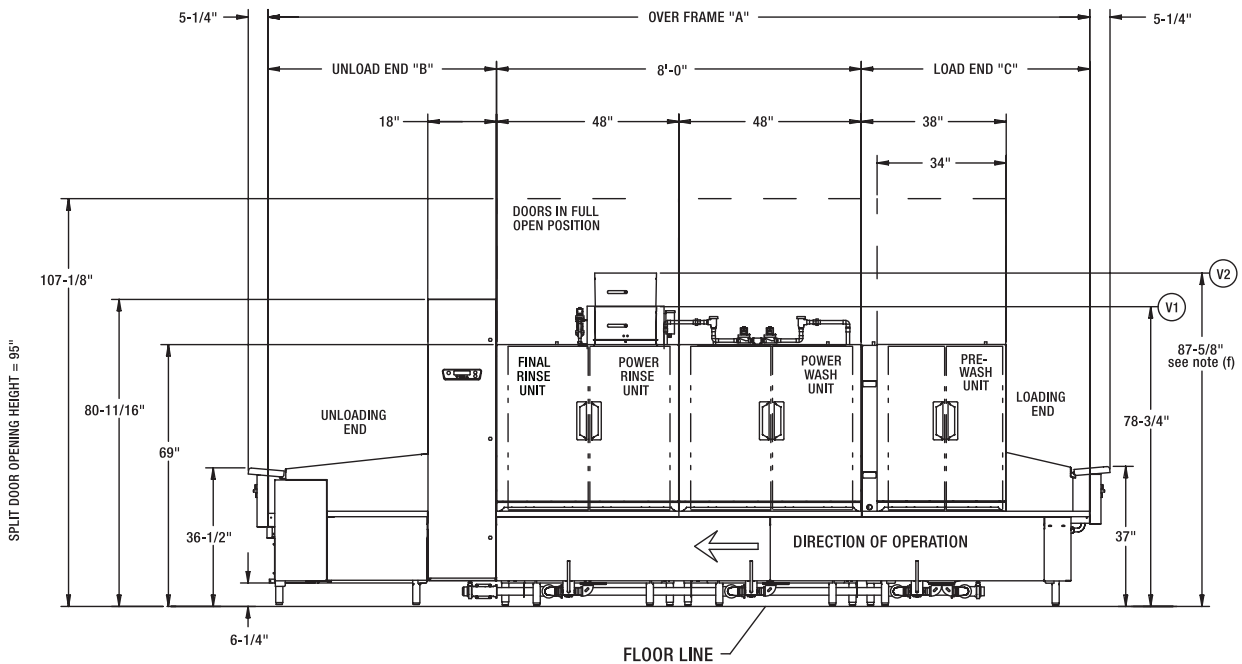
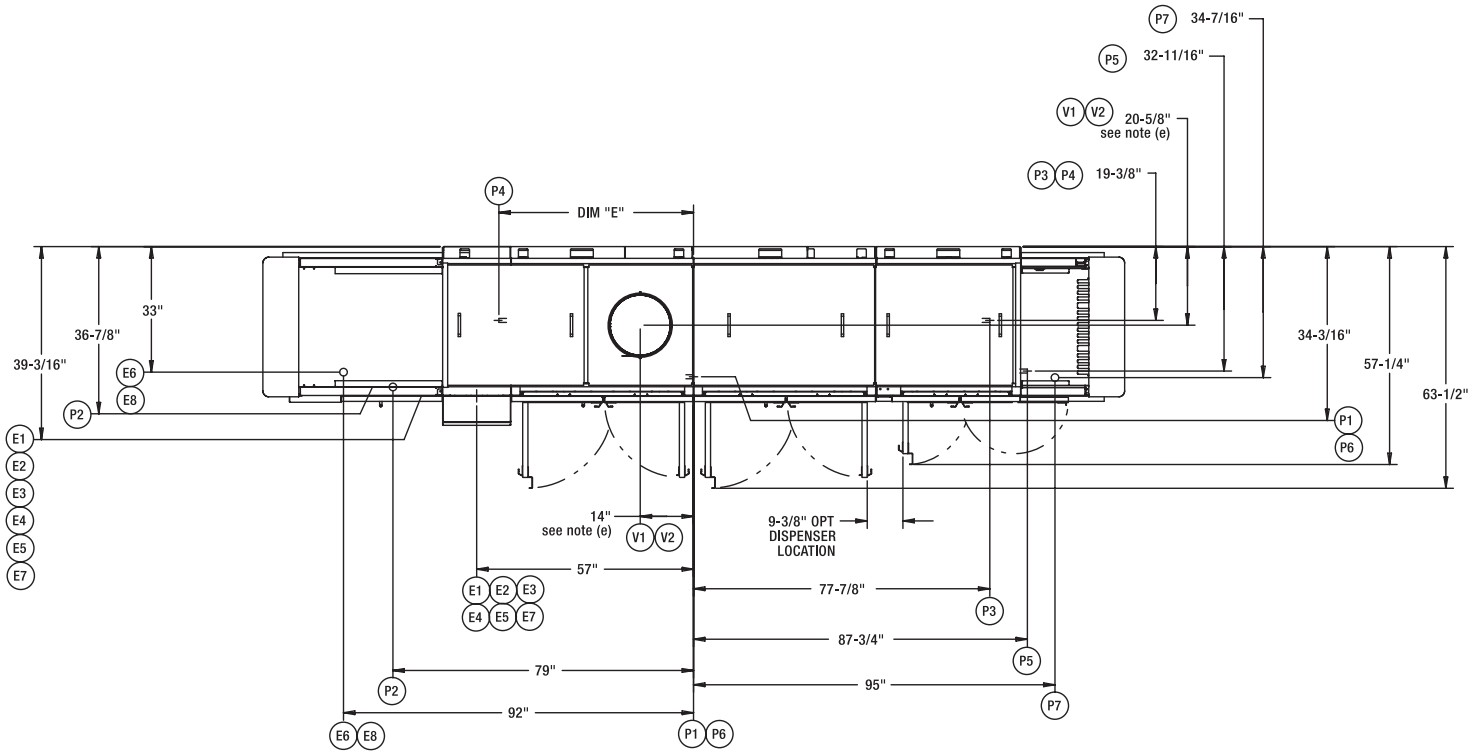


MODEL:
FT900 ELECTRIC
L-R OPERATION
00-919089
REV E

FT900 ELECTRIC R-L



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FT900 ELECTRIC R-L

ELECTRICAL CONNECTIONS COMMON ON ALL MODELS:

- E1 ELECTRIC CONNECTION, DETERGENT AND RINSE FEEDERS (MACHINE SERVICE VOLTAGE), 1/2" CONDUIT, 76-7/8" AFF
- E2 ELECTRIC CONNECTION, VENT FAN CONTROL (SWITCH CONTACTS) 1/2" CONDUIT, 79-3/8" AFF

ELECTRICAL CONNECTIONS W/O CIRCUIT BREAKERS:

- E3 ELECTRIC CONNECTION, MOTORS & CONTROLS, 1" CONDUIT, 78-1/8" AFF
- E4 ELECTRIC TANK HEAT CONNECTION, 26 KW, 1" CONDUIT, 78-1/8" AFF
- E5 ELECTRIC TANK HEAT CONNECTION, 26 KW, 1" CONDUIT, 78-1/8" AFF
- E6 ELECTRIC CONNECTION, (OPTIONAL) ELECTRIC BOOSTER, 1-1/2" CONDUIT, 18-1/8" AFF

ELECTRICAL CONNECTIONS WITH CIRCUIT BREAKERS:

- E7 ELECTRIC CONNECTION, MOTORS, CONTROLS AND TANK HEAT (WHEN CIRCUIT BREAKER OPTION IS SPECIFIED), 2" CONDUIT, 78-1/8" AFF
- E8 ELECTRIC CONNECTION, (OPTIONAL) ELECTRIC BOOSTER, 1-1/2" CONDUIT, 18-1/8" AFF

PLUMBING CONNECTIONS:

- P1 FILL CONNECTION, (WHEN NO BOOSTER IS SPECIFIED), AUTOMATIC FILL, 140° F WATER, 1" FPT, 7-5/16" AFF
- P2 FINAL RINSE CONNECTION, (WHEN NOT SUPPLIED WITH BOOSTER WATER HEATER) 3/4" FPT, 180° F WATER MINIMUM, 11-9/16" AFF see notes (b) and (d).
- P3 COMMON DRAIN CONNECTION, (WHEN DRAIN TO LOAD END IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P4 COMMON DRAIN CONNECTION, (WHEN DRAIN TO UNLOAD END OPTION IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P5 COLD WATER CONNECTION, (WHEN PREWASH TEMPERATURE CONTROL OPTION IS SPECIFIED WITHOUT ENERGY RECOVERY), 1" FPT, 14-1/2" AFF
- P6 COMMON HOT WATER CONNECTION, (AUTOMATIC FILL) (WHEN ELECTRIC BOOSTER OR ENERGY RECOVERY OPTION IS SPECIFIED), 1" FPT, 140° F WATER MINIMUM, 7-5/16" AFF see notes (b) and (d).
- P7 COLD WATER CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED WITH OR WITHOUT THE PREWASH TEMPERATURE CONTROL OPTION), 55° F WATER MINIMUM, 1" FPT, 10" AFF see notes (c) and (d)

VENTILATION CONNECTIONS:

- V1 CUSTOMER'S VENT CONNECTION, (WHEN NOT SUPPLIED WITH ENERGY RECOVERY) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 78-3/4" AFF see note (e).
- V2 CUSTOMER'S VENT CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 87-5/8" AFF see notes (e) and (f).

GENERAL NOTES:

- (a) THE CONTROL BOX IS ATTACHED TO THE CENTER SECTION, AND THE CONTROL BOX IS ROTATED 90 DEGREES ALLOWING THE CENTER SECTION TO FIT THROUGH A 42" WIDE, 7' DOOR OPENING.
WITH BACK PANEL AND END CAPS REMOVED, CONTROL PANEL HINGED BACK AND ALL REAR PIPING REMOVED, OVERALL WIDTH OF MACHINE IS 39-1/8".
AFF = ABOVE FINISHED FLOOR
ALL DIMENSIONS TAKE FROM THE FLOOR LINE MAY INCREASE 2-1/2" OR DECREASE 1/2" WITH LEG ADJUSTMENT.
FOR CONVENIENCE WHEN CLEANING, CUSTOMER SHOULD INSTALL WATER TAP NEAR MACHINE WITH 30 FT. OF HEAVY DUTY HOSE WITH SQUEEZE VALVE.
THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE UTILIZED FOR MANUFACTURING OF UNIT.

ELECTRICAL WARNING:

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER ELECTRICAL CODES.
SERVICE WIRE TEMPERATURE RATING: 90°C.

PLUMBING NOTES:

- PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY AND PLUMBING CODES.
RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS PER GALLON FOR BEST RESULTS.
- (b) RECOMMENDED BUILDING FLOWING HOT WATER PRESSURE TO THE DISHWASHER IS 30-35 PSI.
- (c) RECOMMENDED BUILDING FLOWING COLD WATER PRESSURE TO THE DISHWASHER IS 45-50 PSI WHEN THE ENERGY RECOVERY OPTION IS SPECIFIED. IF COLD WATER IS LESS THAN 55°F CONTACT SALES ENGINEERING.
- (d) WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN FINAL RINSE WATER SUPPLY LINE AT SERVICE CONNECTION.

VENTILATION NOTES:

- (e) THIS DIMENSION IS SUBJECT TO NORMAL SHEET METAL TOLERANCES
- (f) THE VENT STACK CAN BE TEMPORARILY REMOVED FROM THE ENERGY RECOVERY UNIT TO YIELD 79" CLEARANCE FOR DOORWAYS.

SERVICE CONNECTION W/O CIRCUIT BREAKERS (3) SERVICE CONNECTIONS AS SHOWN BELOW			
ELECTRIC TANK HEAT, POWER WASH & POWER RINSE (2) 26 KW CONNECTIONS, EACH AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICES
208/60/3	TWO @ 77.7 EA.	100	100
240/60/3	TWO @ 74.0 EA.	100	100
480/60/3	TWO @ 37.0 EA.	45	45
MOTORS AND CONTROLS (1) SERVICE CONNECTION AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208-240/60/3	29.9	40	40
480/60/3	17.5	25	25

SERVICE CONNECTION WITH CIRCUIT BREAKERS (1) SERVICE CONNECTION AS SHOWN BELOW			
MOTORS, CONTROLS AND TANK HEAT			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICES
208/60/3	185.3	225	225
240/60/3	177.9	225	225
480/60/3	91.5	125	125

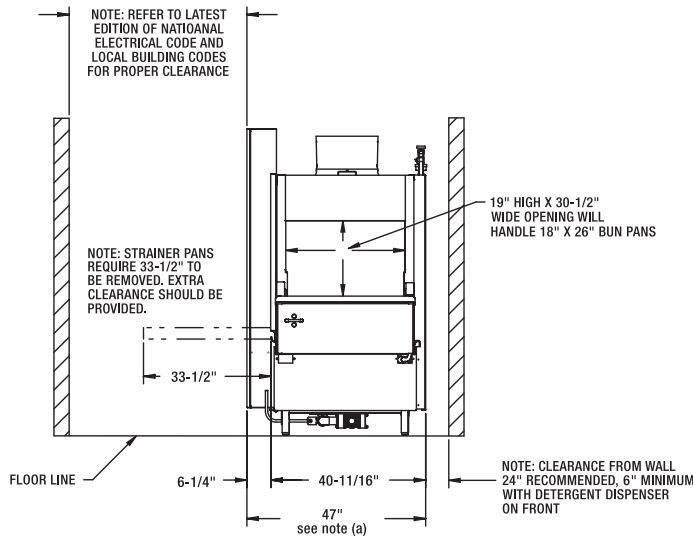
MOTORS	FT900
PREWASH	3 H.P.
POWER WASH	3 H.P.
POWER RINSE	3 H.P.
CONVEYOR	1/2 H.P.

MODEL NO.	"A"	"B"	"C"	DIM "E" COMMON DRAIN CONNECTION	
				5' 7", 9" UNLOADS	11" UNLOAD
FT918 (5-8-5)	18'-0"	5'-0"	5'-0"	51-5/32"	-
FT920 (7-8-5)	20'-0"	5'-0"	7'-0"		-
FT920 (5-8-7)	20'-0"	7'-0"	5'-0"		-
FT922 (7-8-7)	22'-0"	7'-0"	7'-0"		-
FT922 (5-8-9)	22'-0"	9'-0"	5'-0"		-
FT924 (7-8-9)	24'-0"	9'-0"	7'-0"		-
FT924 (5-8-11)	24'-0"	11'-0"	5'-0"	-	117-5/32"
FT926 (7-8-11)	26'-0"	11'-0"	7'-0"	-	-

NOTE: OVERALL LENGTH OF MACHINE IS DIMENSION "A" + 10 1/2".

30KW BOOSTER CAN BE USED WITH OR WITHOUT ENERGY RECOVERY INCOMING WATER TEMPERATURE OF 105°F OR ABOVE (1) SERVICE CONNECTION AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICES
208/60/3	92.4	125	125
240/60/3	80.1	100	100
480/60/3	40.1	50	50

*15KW BOOSTER AVAILABLE FOR SPECIFIC APPLICATIONS
CONTACT HOBART SALES ENGINEERING

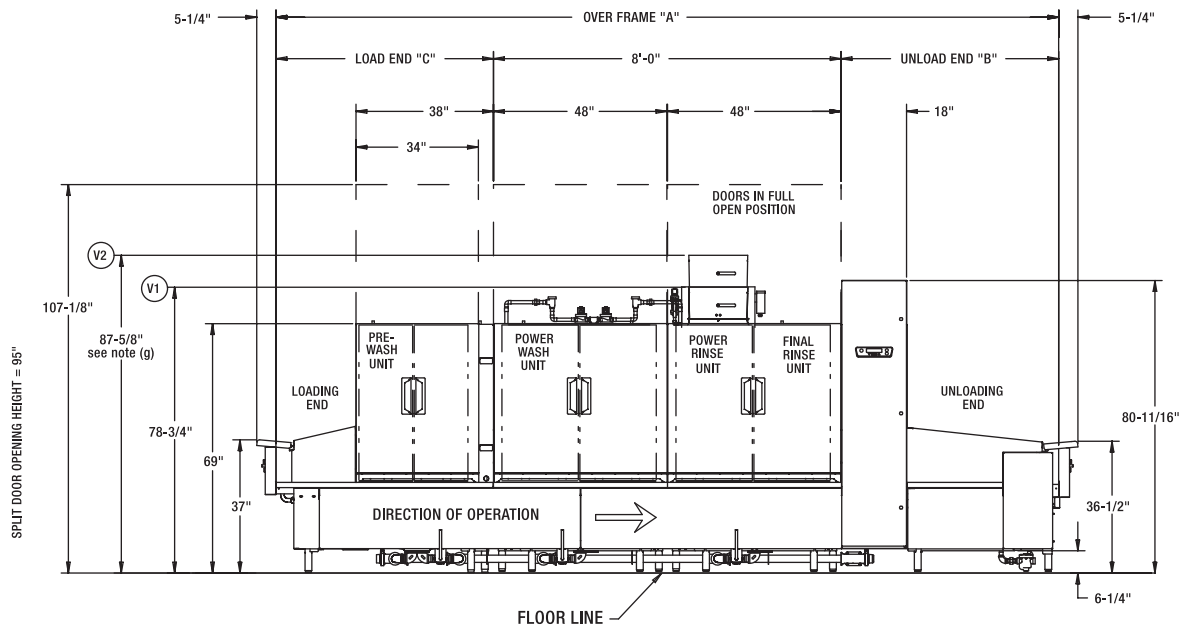
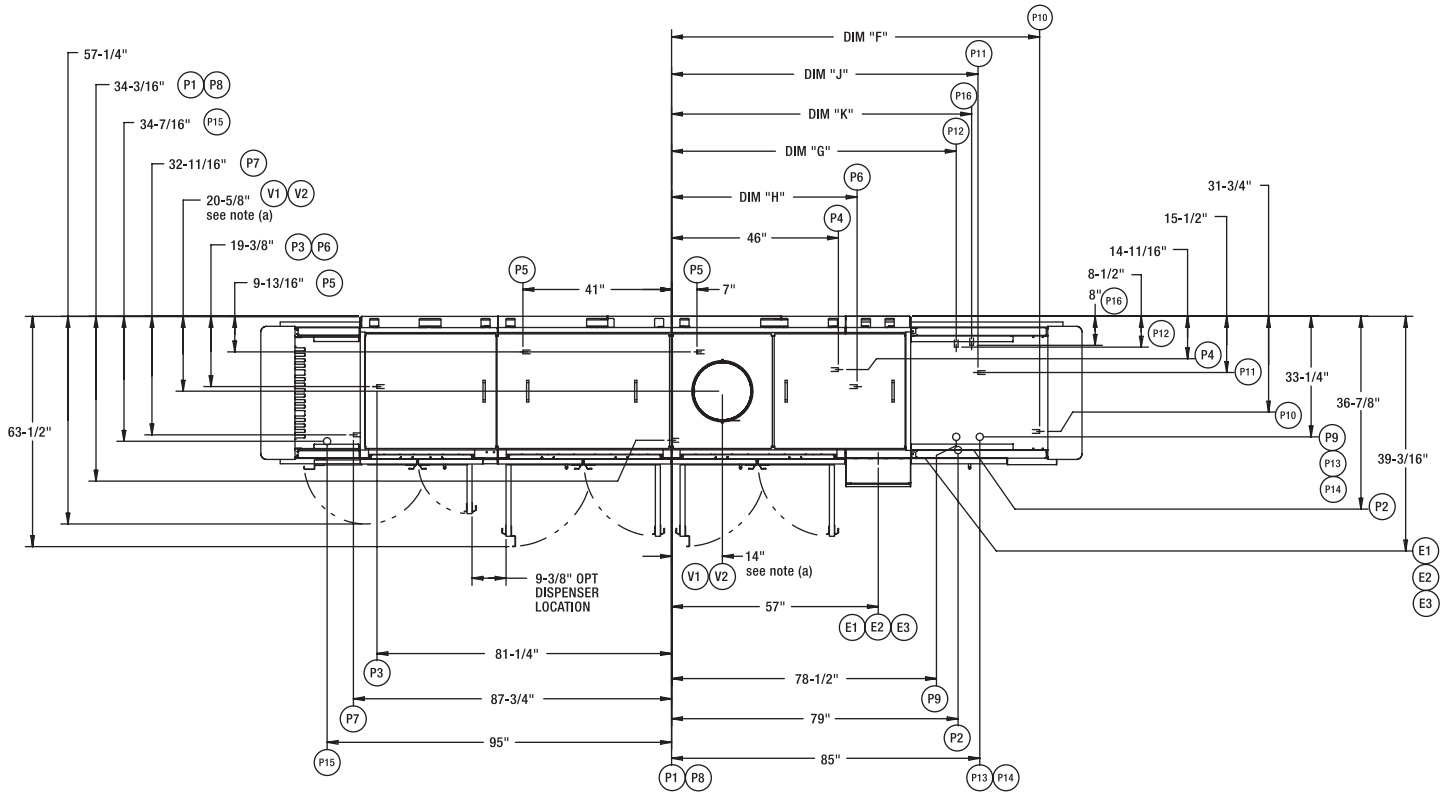


MODEL:
FT900 ELECTRIC
R-L OPERATION
00-919088
REV E

FT900 STEAM L-R



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FT900 STEAM L-R

ELECTRICAL CONNECTIONS COMMON ON ALL MODELS:

- E1 ELECTRIC CONNECTION, DETERGENT AND RINSE FEEDERS (MACHINE SERVICE VOLTAGE), 1/2" CONDUIT, 76-7/8" AFF
- E2 ELECTRIC CONNECTION, VENT FAN CONTROL, (SWITCH CONTACTS) 1/2" CONDUIT, 79-3/8" AFF
- E3 ELECTRIC CONNECTION, MOTORS AND CONTROLS, 1" CONDUIT, 78-1/8" AFF

PLUMBING CONNECTIONS:

- P1 FILL CONNECTION, (WHEN NO BOOSTER IS SPECIFIED), AUTOMATIC FILL, 140°F WATER, 1" FPT, 7-5/16" AFF
- P2 FINAL RINSE CONNECTION, (WHEN NOT SUPPLIED WITH BOOSTER WATER HEATER) 3/4" FPT, 180°F WATER MINIMUM, 11-9/16" AFF see notes (b) and (d).
- P3 COMMON DRAIN CONNECTION, (WHEN DRAIN TO LOAD END IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P4 STEAM CONNECTION, REGULATED TANK HEAT (WHEN NO BOOSTER IS SPECIFIED), 50 P.S.I. MAX., 15-25 FLOWING PRESSURE, 1" FPT, 4-3/4" AFF see note (e).
- P5 CONDENSATE RETURN, GRAVITY CONNECTION (WHEN OPTIONAL STEAM COILS ARE SPECIFIED), BUCKET TYPE TRAPS FURNISHED, 2 CONNECTIONS, 3/4" FPT, 4-3/4" AFF
- P6 COMMON DRAIN CONNECTION, (WHEN DRAIN TO UNLOAD END OPTION IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P7 COLD WATER CONNECTION, (WHEN PREWASH TEMPERATURE CONTROL OPTION IS SPECIFIED WITHOUT ENERGY RECOVERY), 1" FPT, 14-1/2" AFF
- P8 COMMON HOT WATER CONNECTION, (AUTOMATIC FILL) (WHEN STEAM BOOSTER OR ENERGY RECOVERY OPTION IS SPECIFIED), 1" FPT, 140°F WATER MINIMUM, 7-5/16" AFF see notes (b) and (d).
- P9 COMMON STEAM CONNECTION, (WHEN TANK HEAT AND OPTIONAL STEAM BOOSTER ARE SPECIFIED), 1-1/2" FPT, 8-1/8" AFF (50 P.S.I. MAX., 15-25 FLOWING PRESSURE) see note (e).
- P10 CONDENSATE RETURN, (GRAVITY CONNECTION) (WHEN STEAM BOOSTER OPTION IS SPECIFIED), 3/4" FPT, BUCKET TYPE TRAP FURNISHED, 3-3/4" AFF
- P11 STEAM RELIEF VALVE, (WHEN STEAM BOOSTER OPTION IS SPECIFIED), 1" FPT, MUST BE PIPED TO OPEN DRAIN RECEIVER IN THE FLOOR, 13-1/2" AFF
- P12 HOT WATER RELIEF VALVE, (WHEN STEAM BOOSTER OPTION IS SPECIFIED), 3/4" FPT, MUST BE PIPED TO OPEN DRAIN RECEIVER IN THE FLOOR, 15-1/2" AFF
- P13 COMMON STEAM CONNECTION, (WHEN DOUBLE STEAM INJECTOR TANK HEAT OPTION IS SPECIFIED WITHOUT A STEAM BOOSTER) 3" FPT 6-3/4" AFF, (50 PSI MAX., 15-25 FLOWING PRESSURE) see note (e).
- P14 COMMON STEAM CONNECTION, (WHEN BOTH THE DOUBLE STEAM INJECTOR TANK HEAT AND STEAM BOOSTER OPTIONS ARE SPECIFIED), 3" FPT, 6-3/4" AFF, (50 PSI MAX., 15-25 FLOWING PRESSURE) see note (e).
- P15 COLD WATER CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED WITH OR WITHOUT THE PREWASH TEMPERATURE CONTROL OPTION), 55°F WATER MINIMUM, 1" FPT, 10" AFF see notes (c) and (d).
- P16 HOT WATER RELIEF VALVE, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED), 1/2" FPT, MUST BE PIPED TO OPEN DRAIN RECEIVER IN THE FLOOR, 15-1/2" AFF

VENTILATION CONNECTIONS:

- V1 CUSTOMER'S VENT CONNECTION, (WHEN NOT SUPPLIED WITH ENERGY RECOVERY) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 78-3/4" AFF see note (f)
- V2 CUSTOMER'S VENT CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 87-5/8" AFF see notes (f) and (g)

GENERAL NOTES:

- (a) THE CONTROL BOX IS ATTACHED TO THE CENTER SECTION, AND THE CONTROL BOX IS ROTATED 90 DEGREES ALLOWING THE CENTER SECTION TO FIT THROUGH A 42" WIDE, 7" DOOR OPENING.
WITH BACK PANEL AND END CAPS REMOVED, CONTROL PANEL HINGED BACK AND ALL REAR PIPING REMOVED, OVERALL WIDTH OF MACHINE IS 39-1/8".
AFF = ABOVE FINISHED FLOOR
ALL DIMENSIONS TAKE FROM THE FLOOR LINE MAY INCREASE 2-1/2" OR DECREASE 1/2" WITH LEG ADJUSTMENT.
FOR CONVENIENCE WHEN CLEANING, CUSTOMER SHOULD INSTALL WATER TAP NEAR MACHINE WITH 30 FT. OF HEAVY DUTY HOSE WITH SQUEEZE VALVE.
THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE UTILIZED FOR MANUFACTURING OF UNIT.

ELECTRICAL WARNING:

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER ELECTRICAL CODES.
SERVICE WIRE TEMPERATURE RATING: 90°C.

PLUMBING NOTES:

- (b) RECOMMENDED BUILDING FLOWING HOT WATER PRESSURE TO THE DISHWASHER IS 30-35 PSI.
- (c) RECOMMENDED BUILDING FLOWING COLD WATER PRESSURE TO THE DISHWASHER IS 45-50 PSI WHEN THE ENERGY RECOVERY OPTION IS SPECIFIED. IF COLD WATER IS LESS THAN 55°F CONTACT SALES ENGINEERING.
- (d) WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN FINAL RINSE WATER SUPPLY LINE AT SERVICE CONNECTION.
- (e) IF STEAM PRESSURE IS UNDER 15 PSI AT THE DISHWASHER, CONTACT SALES ENGINEERING.

VENTILATION NOTES:

- (f) THIS DIMENSION IS SUBJECT TO NORMAL SHEET METAL TOLERANCES
- (g) THE VENT STACK CAN BE TEMPORARILY REMOVED FROM THE ENERGY RECOVERY UNIT TO YIELD 79" CLEARANCE FOR DOORWAYS.

MODEL NO.	"A"	"B"	"C"	DIM "E" STEAM BOOSTER CONDENSATE RETURN		DIM "G" STEAM BOOSTER HOT WATER RELIEF VALVE		DIM "H" COMMON DRAIN CONNECTION		DIM "J" STEAM BOOSTER STEAM RELIEF VALVE		DIM "K" ENERGY RECOVERY HOT WATER RELIEF VALVE	
				WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR	WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR	5", 7", 9" UNLOADS	11" UNLOAD	WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR	WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR
FT918 (5-8-5)	18'-0"	5'-0"	5'-0"										
FT920 (7-8-5)	20'-0"	5'-0"	7'-0"										
FT920 (5-8-7)	20'-0"	7'-0"	5'-0"										
FT922 (7-8-7)	22'-0"	7'-0"	7'-0"	101-1/2"	110-3/4"	78-1/2"	87-11/16"	51-5/32"		84-1/2"	93-3/4"	82-3/4"	91-15/16"
FT922 (5-8-9)	22'-0"	9'-0"	5'-0"										
FT924 (7-8-9)	24'-0"	9'-0"	7'-0"										
FT924 (5-8-11)	24'-0"	11'-0"	5'-0"										
FT926 (7-8-11)	26'-0"	11'-0"	7'-0"										
									117-5/32"				

NOTE: OVERALL LENGTH OF MACHINE IS DIMENSION "A" + 10 1/2".

NOTE: REFER TO LATEST EDITION OF NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES FOR PROPER CLEARANCE

NOTE: STRAINER PANS REQUIRE 33-1/2" TO BE REMOVED. EXTRA CLEARANCE SHOULD BE PROVIDED.

19" HIGH X 30-1/2" WIDE OPENING WILL HANDLE 18" X 26" BUN PANS

NOTE: CLEARANCE FROM WALL 24" RECOMMENDED, 6" MINIMUM WITH DETERGENT DISPENSER ON FRONT

MOTORS	FT900
PREWASH	3 H.P.
POWER WASH	3 H.P.
POWER RINSE	3 H.P.
CONVEYOR	1/2 H.P.

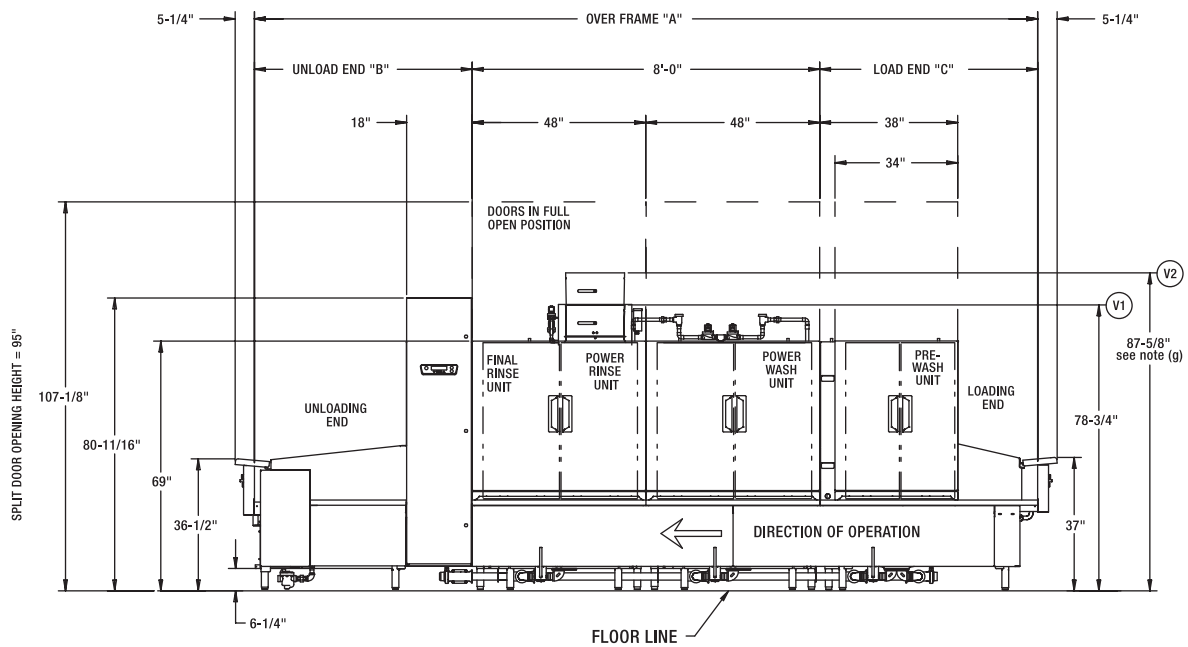
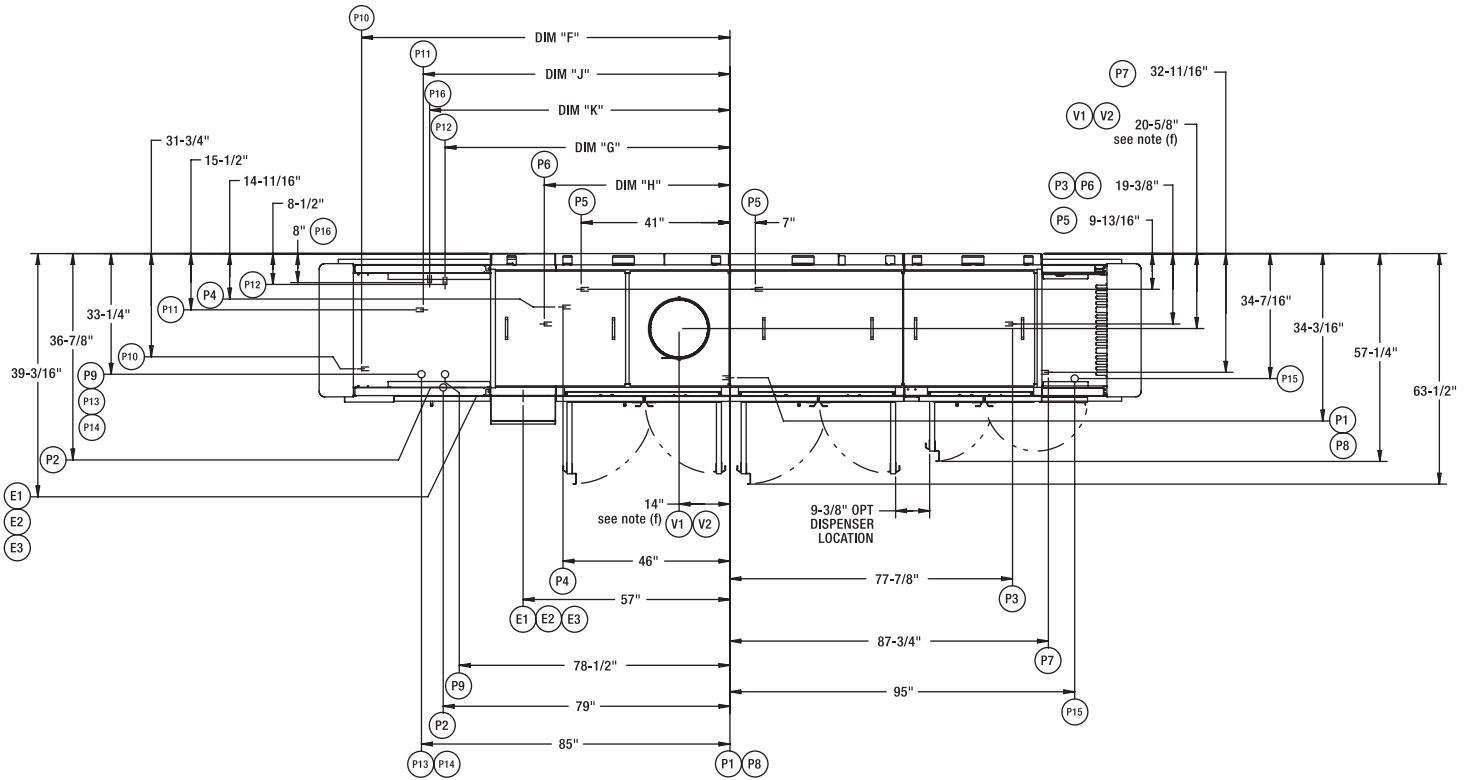
SERVICE CONNECTION WITH OR W/O CIRCUIT BREAKERS (1) SERVICE CONNECTION AS SHOWN BELOW			
MOTORS AND CONTROLS			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208-240/60/3	29.9	40	40
480/60/3	17.5	25	25

MODEL:
FT900 STEAM
L-R OPERATION
00-919089
REV E

FT900 STEAM R-L



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FT900 STEAM R-L

ELECTRICAL CONNECTIONS COMMON ON ALL MODELS:

- E1 ELECTRIC CONNECTION, DETERGENT AND RINSE FEEDERS (MACHINE SERVICE VOLTAGE), 1/2" CONDUIT, 76-7/8" AFF
- E2 ELECTRIC CONNECTION, VENT FAN CONTROL (SWITCH CONTACTS) 1/2" CONDUIT, 79-3/8" AFF
- E3 ELECTRIC CONNECTION, MOTORS AND CONTROLS, 1" CONDUIT, 78-1/8" AFF

PLUMBING CONNECTIONS:

- P1 FILL CONNECTION, (WHEN NO BOOSTER IS SPECIFIED). AUTOMATIC FILL, 140°F WATER, 1" FPT, 7-5/16" AFF
- P2 FINAL RINSE CONNECTION, (WHEN NOT SUPPLIED WITH BOOSTER WATER HEATER) 3/4" FPT, 180°F WATER MINIMUM, 11-9/16" AFF see notes (b) and (d).
- P3 COMMON DRAIN CONNECTION, (WHEN DRAIN TO LOAD END IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P4 STEAM CONNECTION, REGULATED TANK HEAT (WHEN NO BOOSTER IS SPECIFIED), 50 P.S.I. MAX., 15-25 FLOWING PRESSURE, 1" FPT, 4-3/4" AFF see note (e).
- P5 CONDENSATE RETURN, GRAVITY CONNECTION (WHEN OPTIONAL STEAM COILS ARE SPECIFIED), BUCKET TYPE TRAPS FURNISHED, 2 CONNECTIONS, 3/4" FPT, 4-3/4" AFF
- P6 COMMON DRAIN CONNECTION, (WHEN DRAIN TO UNLOAD END OPTION IS SPECIFIED), 2" FPT, 4-1/2" AFF
- P7 COLD WATER CONNECTION, (WHEN PREWASH TEMPERATURE CONTROL OPTION IS SPECIFIED WITHOUT ENERGY RECOVERY), 1" FPT, 14-1/2" AFF
- P8 COMMON HOT WATER CONNECTION, (AUTOMATIC FILL) (WHEN STEAM BOOSTER OR ENERGY RECOVERY OPTION IS SPECIFIED), 1" FPT, 140°F WATER MINIMUM, 7-5/16" AFF see notes (b) and (d).
- P9 COMMON STEAM CONNECTION, (WHEN TANK HEAT AND OPTIONAL STEAM BOOSTER ARE SPECIFIED), 1-1/2" FPT, 8-1/8" AFF (50 P.S.I. MAX., 15-25 FLOWING PRESSURE) see note (e).
- P10 CONDENSATE RETURN, (GRAVITY CONNECTION) (WHEN STEAM BOOSTER OPTION IS SPECIFIED), 3/4" FPT, BUCKET TYPE TRAP FURNISHED, 3-3/4" AFF
- P11 STEAM RELIEF VALVE, (WHEN STEAM BOOSTER OPTION IS SPECIFIED), 1" FPT, MUST BE PIPED TO OPEN DRAIN RECEIVER IN THE FLOOR, 13-1/2" AFF
- P12 HOT WATER RELIEF VALVE, (WHEN STEAM BOOSTER OPTION IS SPECIFIED), 3/4" FPT, MUST BE PIPED TO OPEN DRAIN RECEIVER IN THE FLOOR, 15-1/2" AFF
- P13 COMMON STEAM CONNECTION, (WHEN DOUBLE STEAM INJECTOR TANK HEAT OPTION IS SPECIFIED WITHOUT A STEAM BOOSTER) 3" FPT 6-3/4" AFF, (50 PSI MAX., 15-25 FLOWING PRESSURE) see note (e).
- P14 COMMON STEAM CONNECTION, (WHEN BOTH THE DOUBLE STEAM INJECTOR TANK HEAT AND STEAM BOOSTER OPTIONS ARE SPECIFIED), 3" FPT, 6-3/4" AFF, (50 PSI MAX., 15-25 FLOWING PRESSURE) see note (e).
- P15 COLD WATER CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED WITH OR WITHOUT THE PREWASH TEMPERATURE CONTROL OPTION), 55°F WATER MINIMUM, 1" FPT, 10" AFF see notes (c) and (d).
- P16 HOT WATER RELIEF VALVE, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED), 1/2" FPT, MUST BE PIPED TO OPEN DRAIN RECEIVER IN THE FLOOR, 15-1/2" AFF

VENTILATION CONNECTIONS:

- V1 CUSTOMER'S VENT CONNECTION, (WHEN NOT SUPPLIED WITH ENERGY RECOVERY) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 78-3/4" AFF see note (f)
- V2 CUSTOMER'S VENT CONNECTION, (WHEN ENERGY RECOVERY OPTION IS SPECIFIED) MUST FIT INSIDE 16" DIAMETER VENT STACK, 750 CFM (AT STANDARD AIR CONDITIONS) EXHAUST REQUIRED, 87-5/8" AFF see notes (f) and (g)

GENERAL NOTES:

- (a) THE CONTROL BOX IS ATTACHED TO THE CENTER SECTION, AND THE CONTROL BOX IS ROTATED 90 DEGREES ALLOWING THE CENTER SECTION TO FIT THROUGH A 42" WIDE, 7" DOOR OPENING.
WITH BACK PANEL AND END CAPS REMOVED, CONTROL PANEL HINGED BACK AND ALL REAR PIPING REMOVED, OVERALL WIDTH OF MACHINE IS 39-1/8".
AFF = ABOVE FINISHED FLOOR
ALL DIMENSIONS TAKE FROM THE FLOOR LINE MAY INCREASE 2-1/2" OR DECREASE 1/2" WITH LEG ADJUSTMENT.
FOR CONVENIENCE WHEN CLEANING, CUSTOMER SHOULD INSTALL WATER TAP NEAR MACHINE WITH 30 FT. OF HEAVY DUTY HOSE WITH SQUEEZE VALVE.
THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE UTILIZED FOR MANUFACTURING OF UNIT.

ELECTRICAL WARNING:

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER ELECTRICAL CODES.

SERVICE WIRE TEMPERATURE RATING: 90°C.

PLUMBING NOTES:

PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY AND PLUMBING CODES. RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS PER GALLON FOR BEST RESULTS.

- (b) RECOMMENDED BUILDING FLOWING HOT WATER PRESSURE TO THE DISHWASHER IS 30-35 PSI.
- (c) RECOMMENDED BUILDING FLOWING COLD WATER PRESSURE TO THE DISHWASHER IS 45-50 PSI WHEN THE ENERGY RECOVERY OPTION IS SPECIFIED. IF COLD WATER IS LESS THAN 55°F CONTACT SALES ENGINEERING.
- (d) WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN FINAL RINSE WATER SUPPLY LINE AT SERVICE CONNECTION.
- (e) IF STEAM PRESSURE IS UNDER 15 PSI AT THE DISHWASHER, CONTACT SALES ENGINEERING.

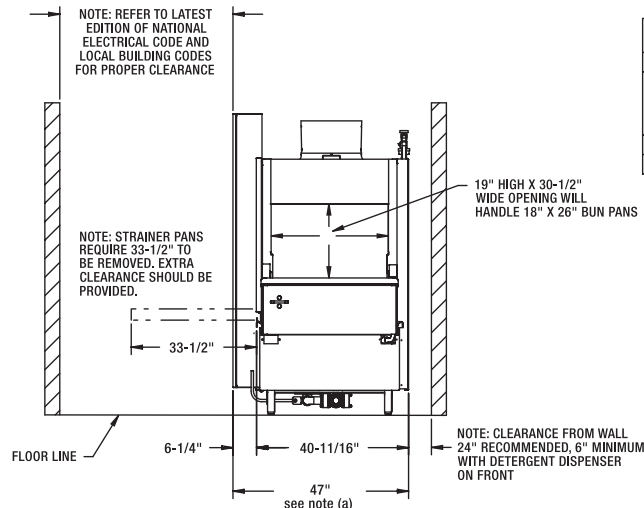
VENTILATION NOTES:

- (f) THIS DIMENSION IS SUBJECT TO NORMAL SHEET METAL TOLERANCES
- (g) THE VENT STACK CAN BE TEMPORARILY REMOVED FROM THE ENERGY RECOVERY UNIT TO YIELD 79" CLEARANCE FOR DOORWAYS.

MODEL NO.	"A"	"B"	"C"	DIM "F" STEAM BOOSTER CONDENSATE RETURN		DIM "G" STEAM BOOSTER HOT WATER RELIEF VALVE		DIM "H" COMMON DRAIN CONNECTION		DIM "J" STEAM BOOSTER STEAM RELIEF VALVE		DIM "K" ENERGY RECOVERY HOT WATER RELIEF VALVE	
				WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR	WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR	5", 7", 9" UNLOADS	11" UNLOAD	WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR	WITH STEAM COIL OR SINGLE STEAM INJECTOR	WITH DOUBLE STEAM INJECTOR
FT918 (5-8-5)	18'-0"	5'-0"	5'-0"										
FT920 (7-8-5)	20'-0"	5'-0"	7'-0"										
FT920 (5-8-7)	20'-0"	7'-0"	5'-0"										
FT922 (7-8-7)	22'-0"	7'-0"	7'-0"										
FT922 (5-8-9)	22'-0"	9'-0"	5'-0"	101-1/2"	110-3/4"	78-1/2"	87-11/16"	51-5/32"		84-1/2"	93-3/4"	82-3/4"	91-15/16"
FT924 (7-8-9)	24'-0"	9'-0"	7'-0"										
FT924 (5-8-11)	24'-0"	11'-0"	5'-0"										
FT926 (7-8-11)	26'-0"	11'-0"	7'-0"						117-5/32"				

NOTE: OVERALL LENGTH OF MACHINE IS DIMENSION "A" + 10 1/2".

MOTORS	FT900
PREWASH	3 H.P.
POWER WASH	3 H.P.
POWER RINSE	3 H.P.
CONVEYOR	1/2 H.P.



SERVICE CONNECTION WITH OR W/O CIRCUIT BREAKERS (1) SERVICE CONNECTION AS SHOWN BELOW			
MOTORS AND CONTROLS			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208-240/60/3	29.9	40	40
480/60/3	17.5	25	25

MODEL:
FT900 STEAM
R-L OPERATION
00-919088
REV E

FT900 FLIGHT-TYPE DISHWASHER



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FT (flight type) Models—many additional variations of these model specifications are available. Engineering data furnished on request.

Numbers in parentheses, after model number from left to right, represent length in feet of the following respectively; Loading section, Washing and Power Rinsing sections, Unloading section.

Flight-type dishwasher with BLOWER-DRYER OPTION has the same specifications as the Basic FT900 Series EXCEPT for one additional Blower Motor (2 H.P. — 208-240/60/3 and 480/60/3) and is available on any model having either a 9 or 11 foot Unloading section.

Entire FT900 Series is listed by UL and NSF and meets requirements of ASSE Standard No. 1004.

FT900 Series (5, 7 Load / 8 Center / 5, 7, 9, 11 Unload)*	
Machine Ratings (Mechanical) Conveyor Speed — Feet per minute	4 - 8.5
Dishes per Hour	14,316
Floor Space - Feet — Machine length plus 10½" total for load and unload platform overhangs	*Example: FT918 = 5' Load + 8' Center + 5' Unload + 10½" Platform Overhangs = 18'10½" long
Overall Dimensions (H x W) — inches (standard height)	80 ¹ / ₁₆ (C) x 47 (B)
Motor — Horsepower	Pre-Wash - 3; Wash - 3; Rinse - 3; Conveyor - ½
Tank Capacity — Gallons	Pre-Wash - 40; Wash - 40; Rinse - 40
Pump Capacity Gallons per minute—Weir Test	Pre-Wash - 150; Wash - 292; Rinse - 292
Final Rinse — Minutes of operation during one hour of continuous operation	60 at continuous loading condition
Rate of Final Rinse — Gallons per minute at 20 PSI flow pressure	2.2
Final Rinse Consumption — Gallons per hour at 20 PSI flow pressure	132
Exhaust Requirements — Cubic feet per minute without Blower Dryer	750 (at standard air conditions)
Electric Heat Requirements — Tank Heat - Kilowatt (Regulated) Optional Electric Booster - Kilowatt	Disconnect switches are recommended for each power circuit connected to dishwasher. These disconnect switches are NOT furnished by Hobart and should be installed by the electrical contractor at the time of installation. Circuit breakers optional at extra cost. Total tank heat - 52KW (Wash and Rinse) 30KW - 105°F incoming water raised to 190°F (85°F rise) (180°F minimum)
Steam Heat Requirements — Steam Consumption Tank Heat - Pounds per hour - maximum (Regulated) - based on 15 to 52 PSI steam at the machine and on the customer supplying final rinse water at minimum (A) (20 PSIG) Optional Steam Booster - Pounds per hour - maximum - based on 20 PSI steam at 20 PSI water flowing - 120°F incoming water raised to 190°F (70°F rise) (180°F minimum)	24 kw - 140° Incoming Water Approximately 30 lbs. per hour = 1 boiler H.P. (BHP) 175 lbs./150°F Wash minimum/160°F Rinse minimum 99 lbs.
Peak Rate of Drain Flow — Gallons per minute Initial rate with full tanks	38
Shipping Weight Crated	Varies by individual model - consult your Hobart representative

(A) If only 10-12 PSIG Steam Pressure available at machine - specify Low Pressure Steam Option.

(B) With all rear panels and plumbing removed, machine width is 39¹/₈".

(C) Highest item is control box - 80¹/₁₆". Can be adjusted lower 2" for door clearance.

NOTE: Refer to specific specification sheets for short machines (FT900S) machines with Blower-Dryers.

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.



T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



REG. #A2601
ISO #9001

Model No.
B-7122-C02

Item No.

26

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

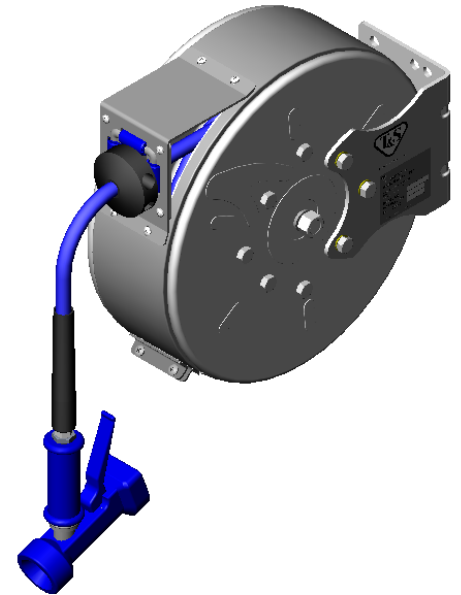
Job Name _____ Date _____

Model Specified _____ Quantity _____

Customer/Wholesaler _____

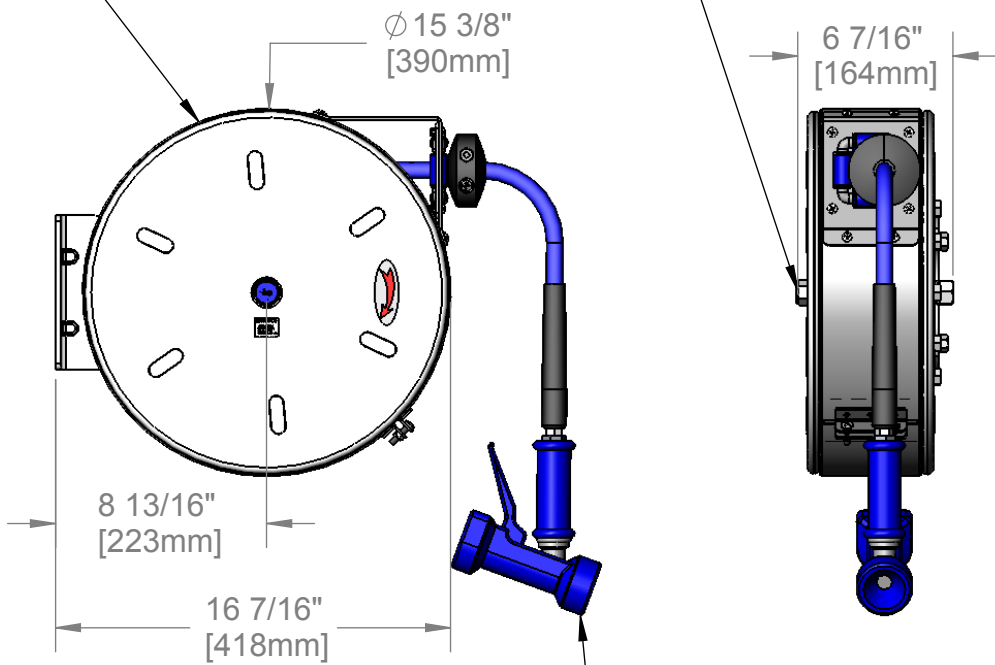
Contractor _____

Architect/Engineer _____

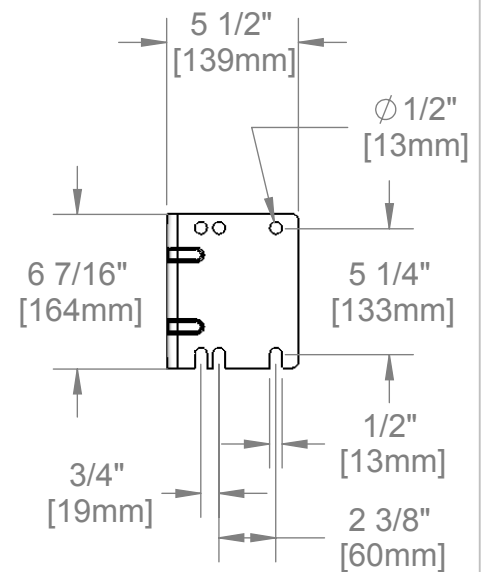


3/8" NPT Female Inlet
(Left Side of Reel)

Enclosed Stainless Steel Hose Reel;
30 Ft. of 3/8" Hose



MV-2516-24 Rear Trigger Style Gun
w/ Retractable Hold Down Clip,
Stainless Steel Body and Royal
Blue Rubber Cover.



Product Specifications:

**3/8" x 30 Ft. Enclosed Stainless Steel Reel
MV-2516-24 Rear Trigger, 5/16" Spray Gun**

Drawn JRM	Checked DHL	Approved JHB
Scale: 1:8	Date: 12/19/07	



T&S BRASS AND BRONZE WORKS, INC.
 2 Saddleback Cove / P.O. Box 1088
 Travelers Rest, SC 29690



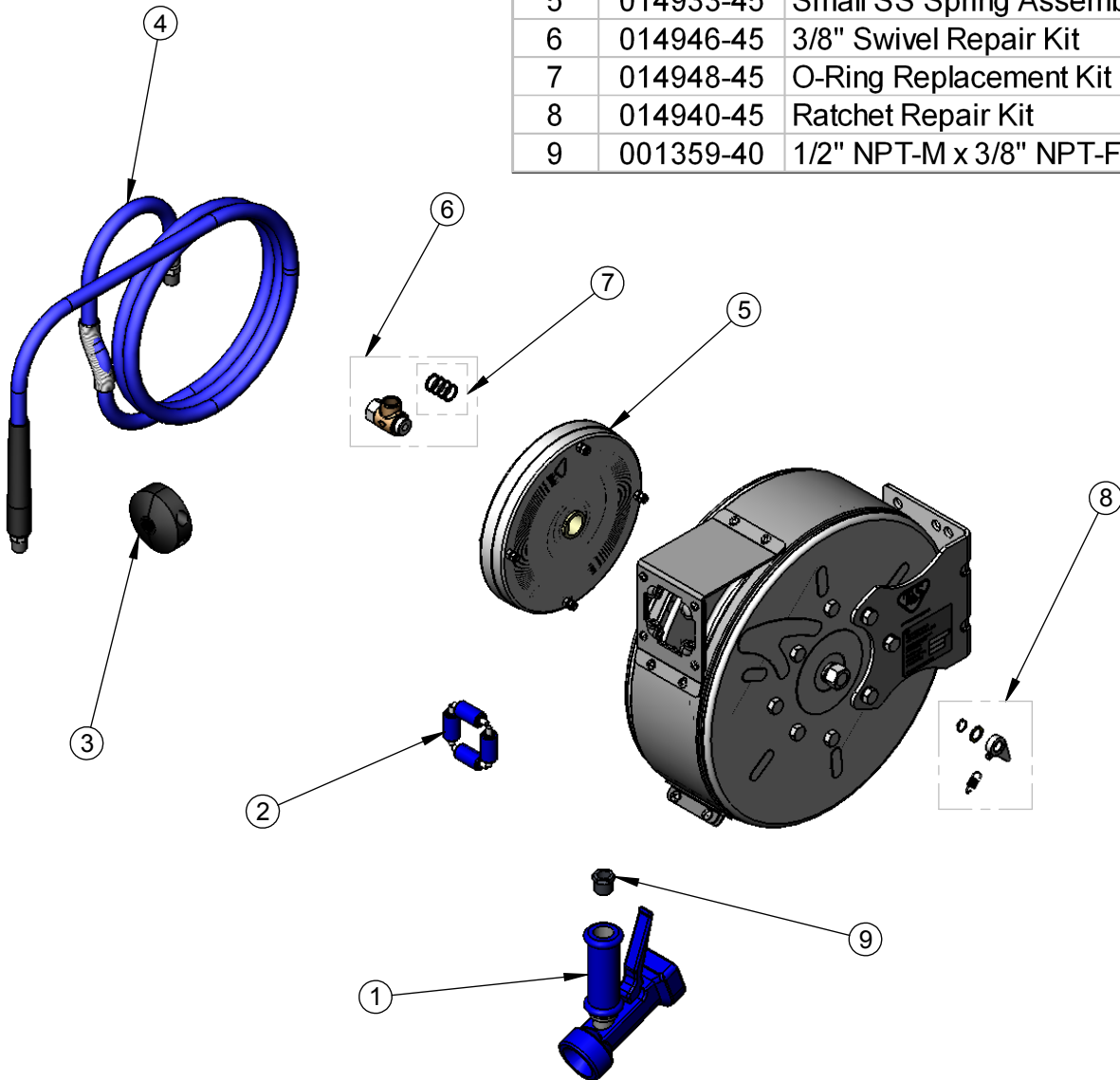
REG. #A2601
 ISO #9001

Model No.
B-7122-C02

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	MV-2516-24	5/16" Orifice, Rear Trigger Gun
2	014936-45	Roller Assembly Repair Kit
3	014949-45	Hose Stop Repair Kit
4	014943-45	3/8" x 30' Hose Replacement Kit
5	014933-45	Small SS Spring Assembly
6	014946-45	3/8" Swivel Repair Kit
7	014948-45	O-Ring Replacement Kit
8	014940-45	Ratchet Repair Kit
9	001359-40	1/2" NPT-M x 3/8" NPT-F Adapter



Product Specifications:

3/8" x 30 Ft. Enclosed Stainless Steel Reel
 MV-2516-24 Rear Trigger, 5/16" Spray Gun

Drawn JRM	Checked DHL	Approved JHB
Scale: 1:8		Date: 12/19/07



Profit from the Eagle Advantage®

Specification Sheet

Short Form Specifications

Eagle Hand Sink, model HSA-10. Constructed of type 304 stainless steel, all-welded with deep-drawn positive drain sink bowl, inverted "V" edge to prevent spillage and basket drain. Unit less faucet.

Eagle Hand Sink, model HSA-10-F. Features the same as sink #HSA-10, plus splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FA. Features the same as sink #HSA-10, plus p-trap, tailpiece, and splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FAW. Features the same as sink #HSA-10, plus p-trap, tailpiece, and splash mounted gooseneck faucet with wrist handles.

Eagle Hand Sink, model HSA-10-FL. Constructed of type 304 stainless steel, all-welded with deep-drawn positive drain sink bowl, inverted "V" edge to prevent spillage, polymer lever drain, and splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FO. Features the same as sink #HSA-10-FL, plus polymer lever drain includes overflow.



#HSA-10-F

Item No.:	28
Project No.:	
S.I.S. No.:	

Traditional Hand Sinks

MODELS:

- HSA-10
- HSA-10-F
- HSA-10-FAW
- HSA-10-FA
- HSA-10-FL
- HSA-10-FO

Design & Construction Features

- Heavy gauge type 304 stainless steel all-welded construction.
- Inverted "V" edge rim retards spillage.
- Unique deep-drawn positive-drain bowl assures complete drainage to meet the most stringent health code requirements.
- Water inlet: 1/2" (13mm) NPS.
- Drain outlet: 1 1/2" (38mm) NPS.
- Six models to choose from.

Options / Accessories

- P-trap
- Tail piece
- End splashes
- Front skirt
- Side mount wall bracket
- MICROGARD®* antimicrobial protection

* For hand sinks #HSA-10, HSA-10-F, HSA-10-FA, and HSA-10-FAW

EAGLE GROUP

100 Industrial Boulevard, Clayton, DE 19938-8903 USA

Phone: 302-653-3000 • Fax: 302-653-2065

www.eaglegrp.com

Foodservice Division: Phone 800-441-8440

MHC/Retail Display Divisions: Phone 800-637-5100

For custom configuration or fabrication needs, contact our SpecFAB® Division.

Phone: 302-653-3000 • Fax: 302-653-3091 • e-mail: quotes@eaglegrp.com

Certifications / Approvals



AUTOQUOTES



EG20.40 Rev. 02/13

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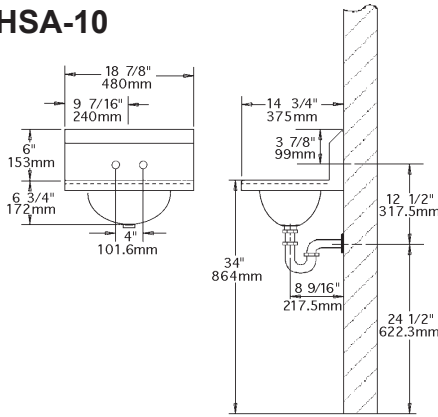


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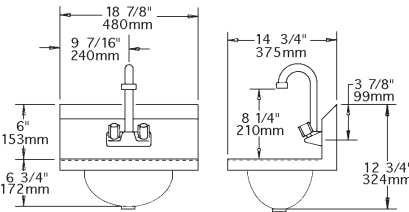
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 S.I.S. No.: _____

Traditional Hand Sinks

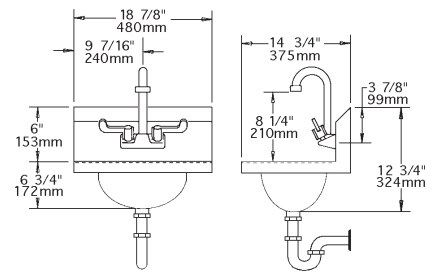
HSA-10



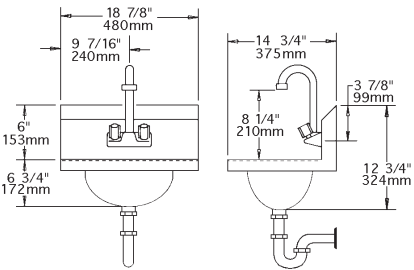
HSA-10-F



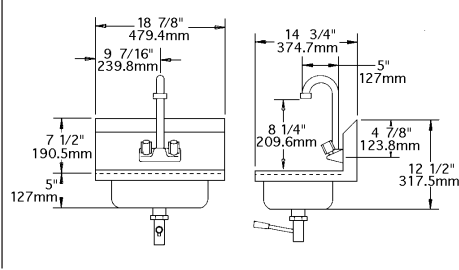
HSA-10-FAW



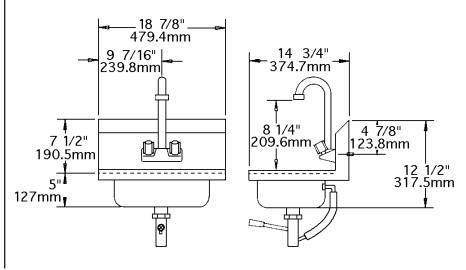
HSA-10-FA



HSA-10-FL



HSA-10-FO



model #	includes	bowl size		overall size		weight	
		width	length x depth	width	length x height	lbs.	kg
HSA-10 *	4" (102mm) centerline faucet holes, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	10 4.5
HSA-10-F	faucet, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	12 5.2
HSA-10-FA	faucet, p-trap, tail piece, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	14 6.4
HSA-10-FAW	faucet w/wrist handles, p-trap, tail piece, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	14 6.4
HSA-10-FL	faucet, polymer lever drain	10"	14" x 5"	254 x 256 x 127	14 3/4" x 18 7/8" x 12 1/2"	376 x 480 x 318	15 6.6
HSA-10-FO	faucet, polymer lever drain w/overflow	10"	14" x 5"	254 x 256 x 127	14 3/4" x 18 7/8" x 12 1/2"	376 x 480 x 318	13 5.9

* To order hand sink with no faucet holes, add suffix "-NH" to model number (example: HSA-10-NH).

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 100 Industrial Boulevard, Clayton, DE 19938-8903 USA
 Phone: 302-653-3000 • Fax: 302-653-2065
 www.eaglegrp.com

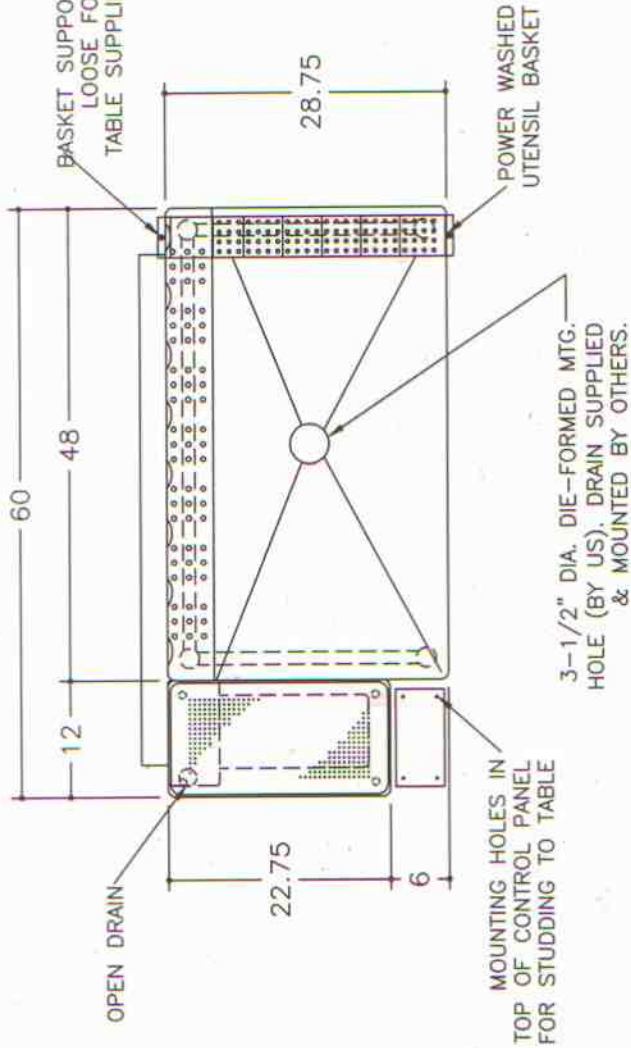
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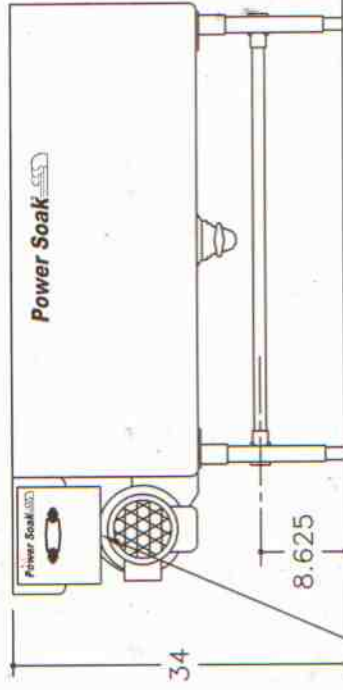
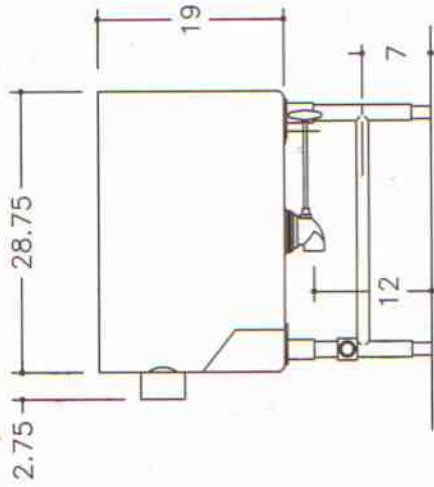
Rev. 02/13

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MINIMUM REQUIRED FOR WATER MANIFOLD



SECTION "A"

- ELECTRICAL CONNECTION #PS-200 CONTROL PANEL
- 2 HP PUMP/MOTOR
 - 7000 WATT HEATER
 - ELECTRICAL REQUIREMENT
 - 208-230/60/1 36.3-38.7 AMPS
 - 208-230/60/3 21.6-23.0 AMPS
 - 460/60/3 11.5 AMPS

MODEL #PW-48-12SS-R/PS-200
TABLE CUTOUT SIZE = 60" x 28-3/4"



Rev.	Date	Name
DRAWN BY:	RH	6-5-03
DRAWING NO.	PW48LS	

METCRAFT INC. The POWER SOAK Division	DEALER	13910 Kessler Drive, Grandview MO. 64030
	JOB NAME	COASTAL EQUIPMENT

PLAN A - SHEET 1 OF 1	S.O. NO.
ITEM 1	QUANTITY 1
JOB NO.	

HOBART701 S Ridge Avenue, Troy, OH 45374
1-888-4HOBART • www.hobartcorp.com**UW50
UTENSIL/PAN WASHER****HOBART****STANDARD FEATURES**

- 16 gauge stainless steel construction
- Solid state heat controls
- Front loading, split-door configuration
- Flat-bottomed, stainless steel frame rack, with one flat grid rack and two tray support racks
- Chamber accepts 16 full-sized sheet pans, or 140-quart mixing bowl
- Two upper and two lower revolving, debossed non-clogging wash arms
- Two upper and lower revolving rinse arms
- Heavy-duty door and door hinges
- Large, removable stainless steel scrap screen and scrap bucket
- Choice of 10 KW electric, steam injector or steam coil gas tank heat
- Adjustable wash cycle timer
- Stainless steel front panel
- Integrated detergent connections
- Top-mounted dial thermometers
- Door actuated drain closer
- Heavy-duty 5 H.P. motor
- Door interlock switch
- Corrosion-resistant impeller
- Timed fill
- Positive low water protection
- Pre-rinse spray hose (electric booster heater models only)

VOLTAGE

- 208/60/3
- 240/60/3
- 480/60/3

**MODEL**

- UW50

OPTIONS AT EXTRA COST

- 10 KW electric tank heat
- Natural or LP gas tank heat
- 14 KW electric booster heater
- Vent fan control
- Steam injector or steam coil tank heat

ACCESSORIES

- Drain water tempering kit
- Rack insert for 30" trays
- Pre-rinse spray hose assembly (field installed or gas booster machines only)
- Operator training video
- 20" x 20" peg or combination racks

Specifications, Details and Dimensions on Inside and Back.

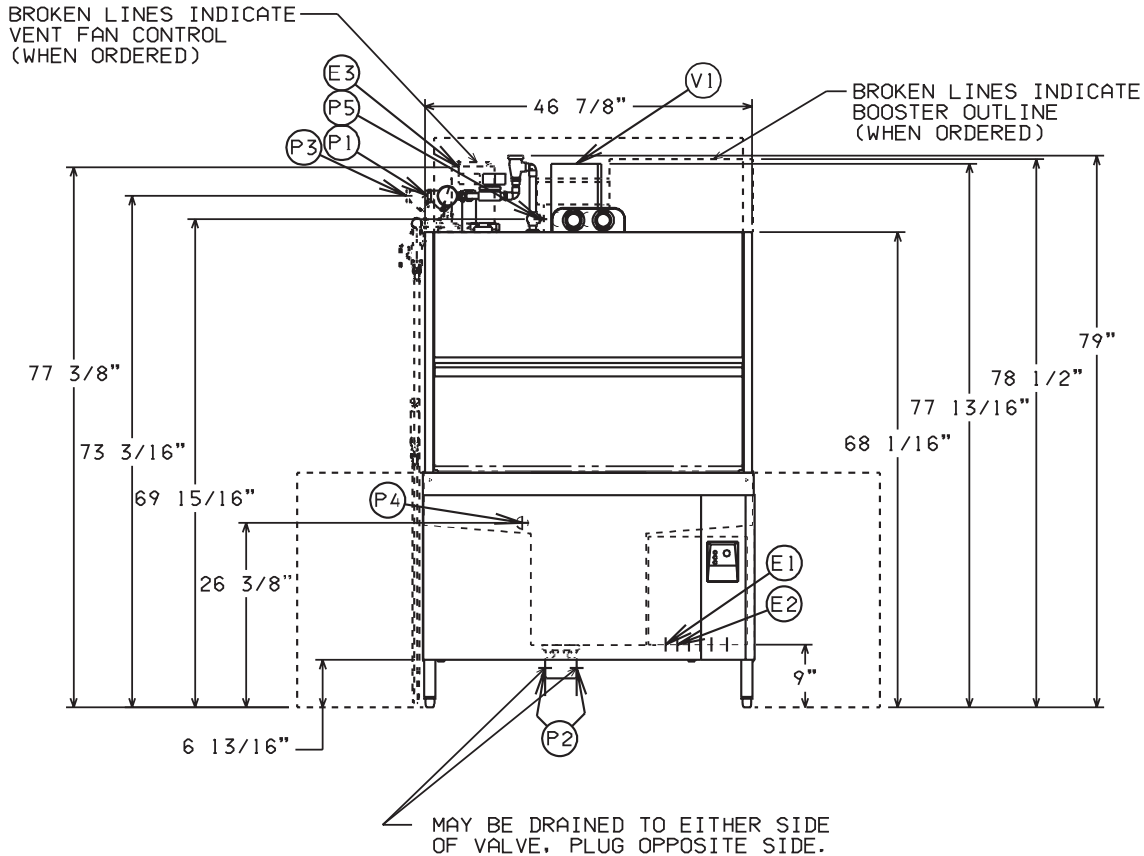
**UW50 UTENSIL/PAN WASHER**

UW50 UTENSIL/PAN WASHER



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DETAILS & DIMENSIONS – ELECTRIC



PLUMBING NOTES:

WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.
RECOMMENDED WATER HARDNESS TO BE 4-6 GRAINS FOR BEST RESULTS.
RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20-25 PSI. IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.
PRESSURE REGULATOR FURNISHED WHEN ELECTRIC BOOSTER IS ORDERED.
FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.

MISCELLANEOUS NOTES:

ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED BY UP TO 1-1/8" WITH LEG ADJUSTMENT.
NET WEIGHT OF MACHINE: 640 LBS. W/O BOOSTER
DOMESTIC SHIPPING WEIGHT: 782 LBS. W/O BOOSTER
NET WEIGHT OF MACHINE: 704 LBS. W/ BOOSTER
DOMESTIC SHIPPING WEIGHT: 846 LBS. W/ BOOSTER
SHIPPING DIMENSIONS:
60" X 38" X 83" HIGH.
SIZE OF RACKS:
40-7/8" X 22-7/8" X 4-1/8"
DRAIN LEVER LOCATED INSIDE TANK.

CONNECTION INFORMATION (*AFF - ABOVE FINISHED FLOOR)

LEGEND

- E1 ELECTRICAL CONNECTION (INCLUDING ELECTRIC HEAT) 1-1/4" CONDUIT HOLE, 9" AFF.
- E2 ELECTRICAL CONNECTION-DETERGENT/RINSE AGENT FEEDERS: 1/2" CONDUIT HOLE; 9" AFF
- E3 ELECTRICAL CONNECTION-VENT FAN CONTROL (WHEN ORDERED); 3/4" CONDUIT HOLE; 77-3/8" AFF
- P1 COMMON WATER CONNECTION: 180°F WATER MIN. 3/4" FPT, 73-3/16" AFF.
- P2 DRAIN: 2" FPT, 5-5/8" AFF TWO CONNECTIONS.
- P3 COMMON WATER CONNECTION WITH BOOSTER (WHEN ORDERED); 140°F MIN.; 3/4" FPT, 73-3/16" AFF.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" HOLE, 26-3/8" AFF
- P5 RINSE AGENT FEEDER: 1/8" NPT. REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE; 69-15/16" AFF.
- V1 VENT EXIT: 7" X 11" X 10" HIGH TO ALLOW FOR EXPANSION OF AIR. (NEED NOT BE CONNECTED TO EXTERNAL VENT); IF REQUIRED, VENT HOOD TO PROVIDE 400 CFM EXHAUST.

SINGLE POINT ELECTRIC CONNECTION UW-50 WITH 10KW ELECTRIC HEAT (CONTROLS AND SHP PUMP MOTOR)			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208/60/3	50.3	70	70
240/60/3	46.2	60	60
480/60/3	23.5	30	30

SINGLE POINT ELECTRIC CONNECTION UW-50 WITH 10KW ELECTRIC HEAT AND 14KW ELECTRIC BOOSTER (CONTROLS AND SHP PUMP MOTOR)			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208/60/3	89.2	100	100
240/60/3	79.9	100	100
480/60/3	40.4	50	50

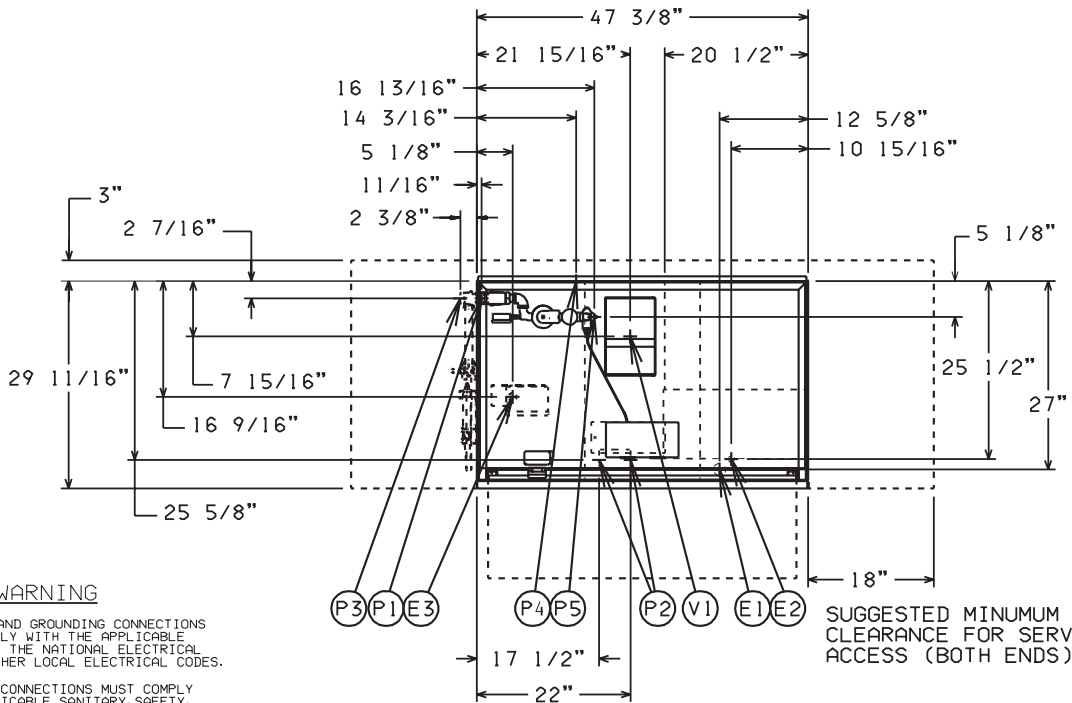
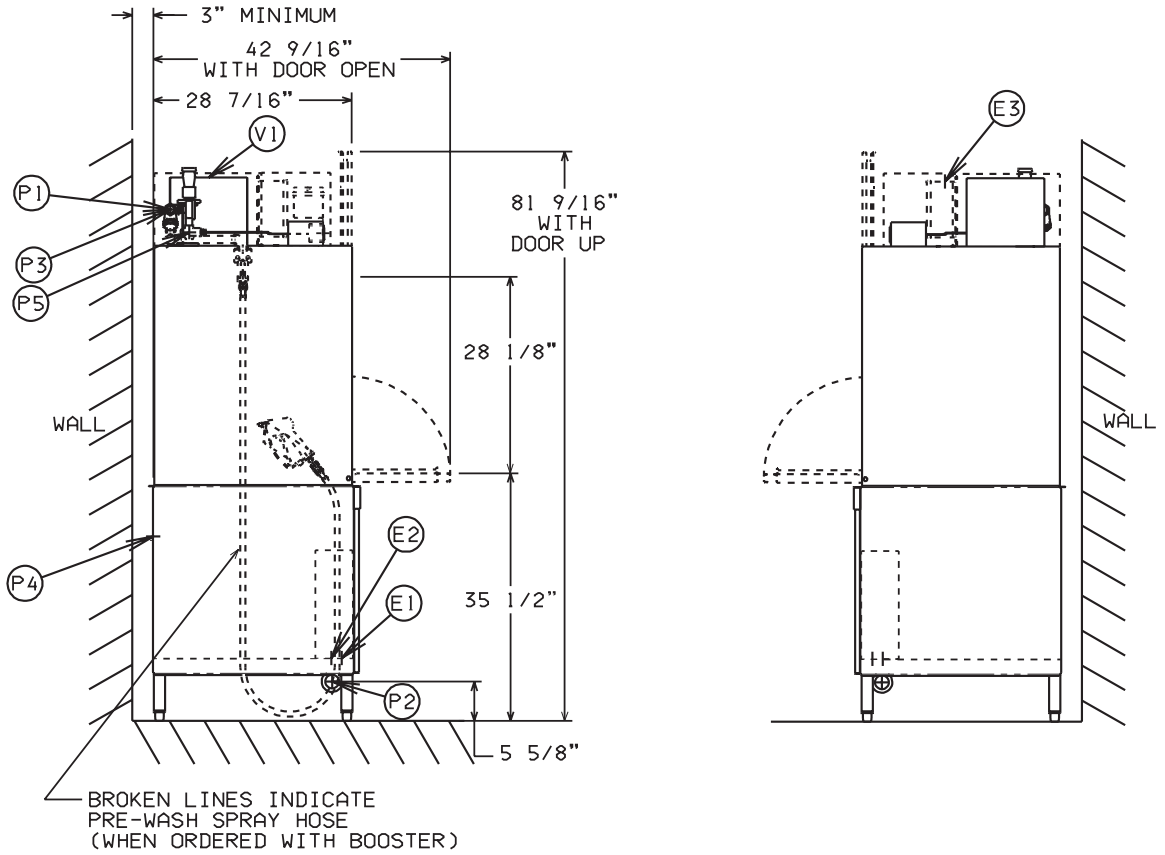
⚠ FOR SUPPLY CONNECTION USE WIRES SUITABLE FOR AT LEAST 90°C OR EQUIVALENT.



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DETAILS & DIMENSIONS – ELECTRIC



WARNING
ELECTRICAL AND GROUNDING CONNECTIONS
MUST COMPLY WITH THE APPLICABLE
PORTIONS OF THE NATIONAL ELECTRICAL
CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

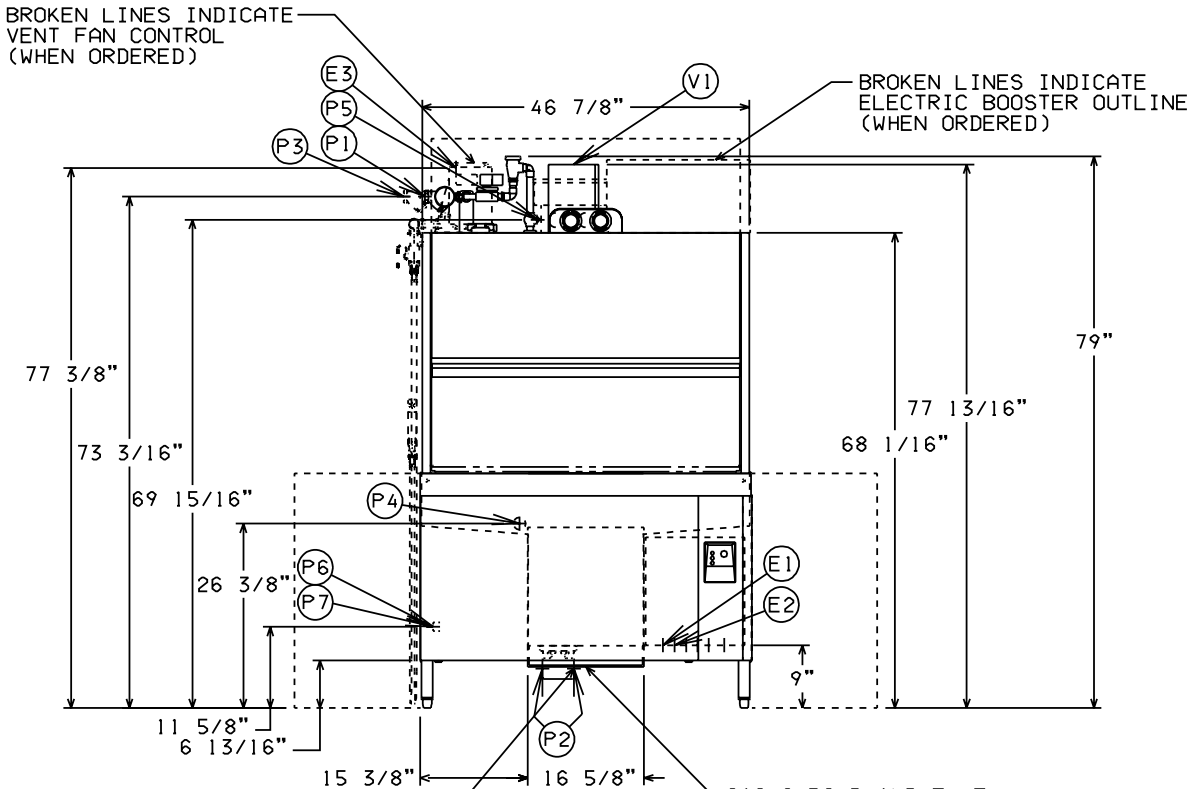
PLUMBING CONNECTIONS MUST COMPLY
WITH APPLICABLE SANITARY, SAFETY,
AND PLUMBING CODES.

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DETAILS & DIMENSIONS – GAS



GAS HEATED DISHWASHERS

FOR NATURAL GAS, PRESSURE TO THE BURNER (CUSTOMER CONNECTION) SHOULD NOT EXCEED 7" W.C.
FOR LIQUIFIED PETROLEUM GAS, PRESSURE TO THE BURNER (CUSTOMER CONNECTION) SHOULD NOT EXCEED 11" W.C.
IF GAS PRESSURE IS HIGHER THAN 7" OR 11" W.C., A PRESSURE REGULATING VALVE MUST BE INSTALLED (BY OTHERS) IN THE GAS LINE TO THE DISHWASHER
GAS HEAT BTU INPUT - 47,000 NATURAL
47,000 PROPANE

WHEN GAS TANK HEAT IS SPECIFIED, GAS EXHAUST VENTING MUST BE INSTALLED ACCORDING TO LOCAL CODE. DO NOT CONNECT FLUE TO POWER VENT.

PLUMBING NOTES:

WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.
RECOMMENDED WATER HARDNESS TO BE 4-6 GRAINS FOR BEST RESULTS.
RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20-25 PSI. IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.
PRESSURE REGULATOR FURNISHED WHEN ELECTRIC BOOSTER IS ORDERED.
FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.

MISCELLANEOUS NOTES:

ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED BY UP TO 1-1/8" WITH LEG ADJUSTMENT.
NET WEIGHT OF MACHINE: 640 LBS. W/O BOOSTER
DOMESTIC SHIPPING WEIGHT: 782 LBS. W/O BOOSTER
NET WEIGHT OF MACHINE: 704 LBS. W/ BOOSTER
DOMESTIC SHIPPING WEIGHT: 846 LBS. W/ BOOSTER
SHIPPING DIMENSIONS:
60" X 38" X 83" HIGH.
SIZE OF RACKS:
40-7/8" X 22-7/8" X 4-1/8"
DRAIN LEVER LOCATED INSIDE TANK.

GAS SHROUD AND FLUE THIS AREA MUST BE KEPT CLEAR OF ALL PIPING.
MAY BE DRAINED TO EITHER SIDE OF VALVE, PLUG OPPOSITE SIDE.

CONNECTION INFORMATION (XAFF - ABOVE FINISHED FLOOR)

LEGEND

- E1 ELECTRICAL CONNECTION (MOTOR & CONTROLS): 1-1/4" CONDUIT HOLE, 9" AFF.
- E2 ELECTRIC CONNECTION-DETERGENT/RINSE AGENT FEEDERS: 1/2" CONDUIT HOLE: 9" AFF
- E3 ELECTRIC CONNECTION-VENT FAN CONTROL (WHEN ORDERED): 3/4" CONDUIT HOLE: 77-3/8" AFF
- P1 COMMON WATER CONNECTION: 180°F WATER MIN., 3/4" FPT, 73-3/16" AFF.
- P2 DRAIN: 2" FPT, 5-5/8" AFF TWO CONNECTIONS.
- P3 COMMON WATER CONNECTION WITH ELECTRIC BOOSTER (WHEN ORDERED): 140°F MIN., 3/4" FPT, 73-3/16" AFF.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" HOLE, 26-3/8" AFF
- P5 RINSE AGENT FEEDER: 1/8" NPT, REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE: 69-15/16" AFF.
- P6 GAS CONNECTION - NAT.: 1/2" FPT, 11-5/8" AFF.
- P7 GAS CONNECTION - L.P.: 1/2" FPT, 11-5/8" AFF.
- V1 VENT EXIT: 7" X 11" X 10" HIGH TO ALLOW FOR EXPANSION OF AIR. (NEED NOT BE CONNECTED TO EXTERNAL VENT); IF REQUIRED, VENT HOOD TO PROVIDE 400 CFM EXHAUST.

SINGLE POINT ELECTRIC CONNECTION UW-50 WITH GAS HEAT (CONTROLS AND SHP PUMP MOTOR)			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR CAPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208/60/3	21.4	30	30
240/60/3	18.6	25	25
480/60/3	9.6	15	15

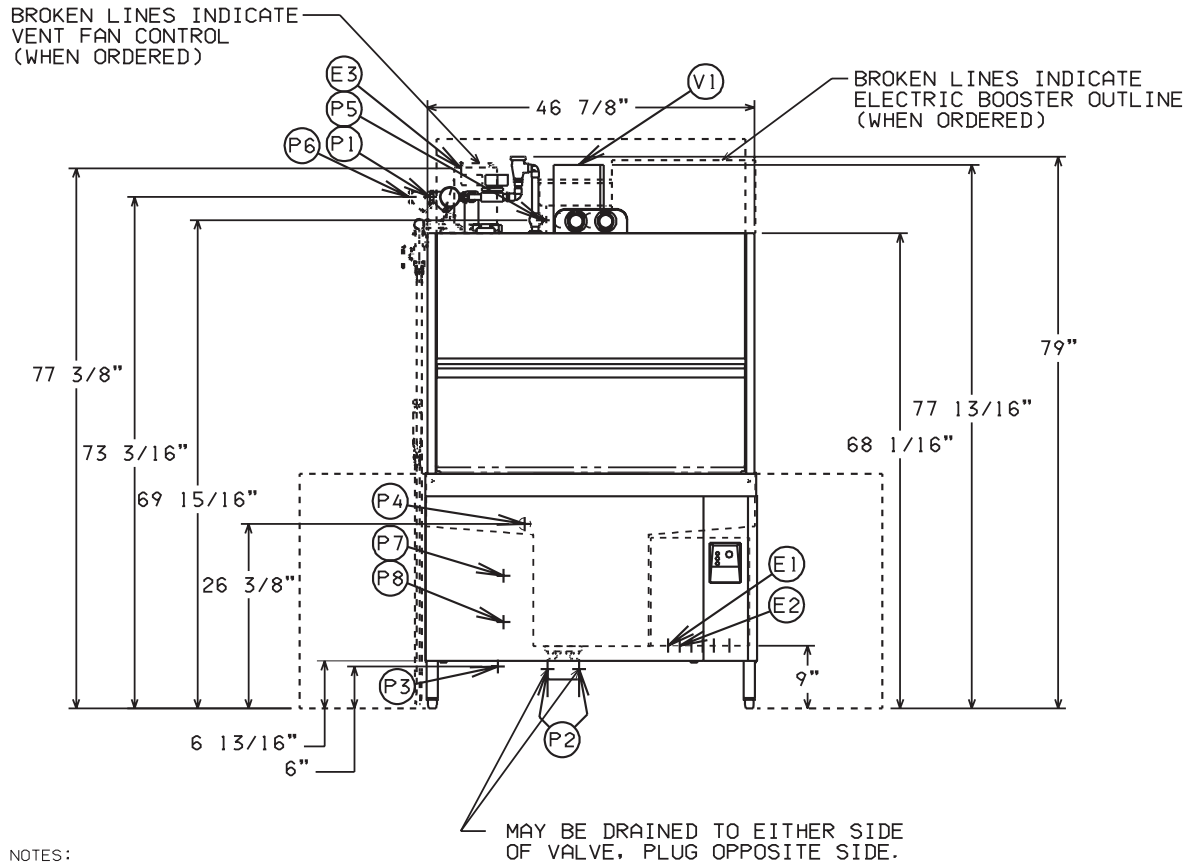
SINGLE POINT ELECTRIC CONNECTION UW-50 WITH GAS HEAT AND 14KW ELECTRIC BOOSTER (CONTROLS AND SHP PUMP MOTOR)			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR CAPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208/60/3	60.3	80	80
240/60/3	52.3	70	70
480/60/3	26.4	35	35

UW50 UTENSIL/PAN WASHER



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DETAILS & DIMENSIONS – STEAM INJECTOR/STEAM COIL



PLUMBING NOTES:

- WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.
- RECOMMENDED WATER HARDNESS TO BE 4-6 GRAINS FOR BEST RESULTS.
- RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20-25 PSI. IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.
- PRESSURE REGULATOR FURNISHED WHEN ELECTRIC BOOSTER IS ORDERED.
- FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.
- FLOWING STEAM PRESSURES ABOVE 50 PSI MUST HAVE A PRESSURE REGULATOR (NOT SUPPLIED) INSTALLED IN THE STEAM LINE
- SHUT OFF VALVE MUST BE SUPPLIED (BY OTHERS) IN THE STEAM LINE TO THE DISHWASHER

MISCELLANEOUS NOTES:

- ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED BY UP TO 1-1/8" WITH LEG ADJUSTMENT.
- NET WEIGHT OF MACHINE: 640 LBS. W/O BOOSTER
- DOMESTIC SHIPPING WEIGHT: 782 LBS. W/O BOOSTER
- NET WEIGHT OF MACHINE: 704 LBS. W/ BOOSTER
- DOMESTIC SHIPPING WEIGHT: 846 LBS. W/ BOOSTER
- SHIPPING DIMENSIONS: 60" X 38" X 83" HIGH.
- SIZE OF RACKS: 40-7/8" X 22-7/8" X 4-1/8"
- DRAIN LEVER LOCATED INSIDE TANK.

CONNECTION INFORMATION (*AFF - ABOVE FINISHED FLOOR)

LEGEND

- E1 ELECTRICAL CONNECTION (MOTOR & CONTROLS): 1-1/4" CONDUIT HOLE, 9" AFF.
- E2 ELECTRIC CONNECTION-DETERGENT/RINSE AGENT FEEDERS: 1/2" CONDUIT HOLE; 9" AFF
- E3 ELECTRIC CONNECTION-VENT FAN CONTROL (WHEN ORDERED): 3/4" CONDUIT HOLE; 77-3/8" AFF
- P1 COMMON WATER CONNECTION: 180°F WATER MIN., 3/4" FPT, 73-3/16" AFF.
- P2 DRAIN: 2" FPT, 5-5/8" AFF TWO CONNECTIONS.
- P3 STEAM INJECTOR: 10 TO 25 PSI FLOWING, 50 PSI MAX.; 3/4" FPT; 6" AFF.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" HOLE, 26-3/8" AFF
- P5 RINSE AGENT FEEDER: 1/8" NPT. REMOVE 1/8" NPT. PIPE PLUG TO ACCESS TAPPED HOLE; 69-15/16" AFF.
- P6 COMMON WATER CONNECTION WITH ELECTRIC BOOSTER (WHEN ORDERED): 140°F MIN., 3/4" FPT, 73-3/16" AFF.
- P7 STEAM COIL : 10 TO 25 PSI FLOWING, 50 PSI MAX., 3/4" FPT, 19" AFF.
- P8 CONDENSATE RETURN: 10 TO 50 PSI FLOWING, 3/4" FPT, 12-3/8" AFF. (BUCKET TYPE TRAP FURNISHED).
- V1 VENT EXIT: 7" X 11" X 10" HIGH TO ALLOW FOR EXPANSION OF AIR. (NEED NOT BE CONNECTED TO EXTERNAL VENT); IF REQUIRED, VENT HOOD TO PROVIDE 400 CFM EXHAUST.

SINGLE POINT ELECTRIC CONNECTION UW-50 WITH STEAM HEAT (CONTROLS AND SHP PUMP MOTOR)			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR CAPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208/60/3	20.3	25	25
240/60/3	17.6	25	25
480/60/3	9.2	15	15

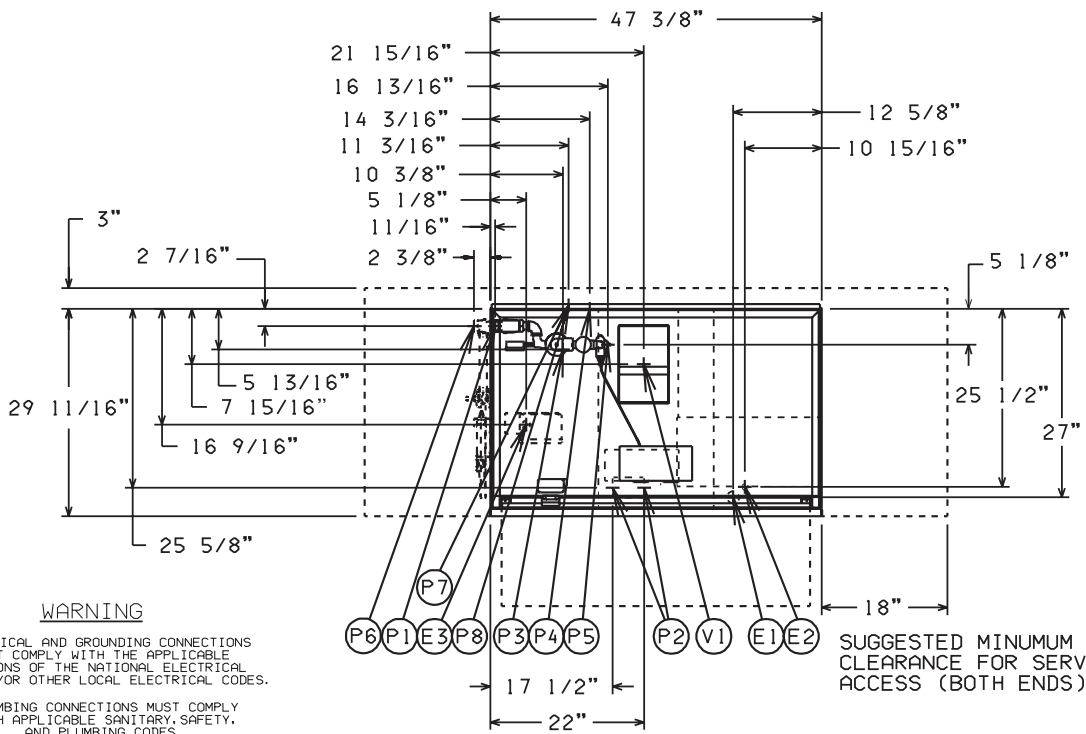
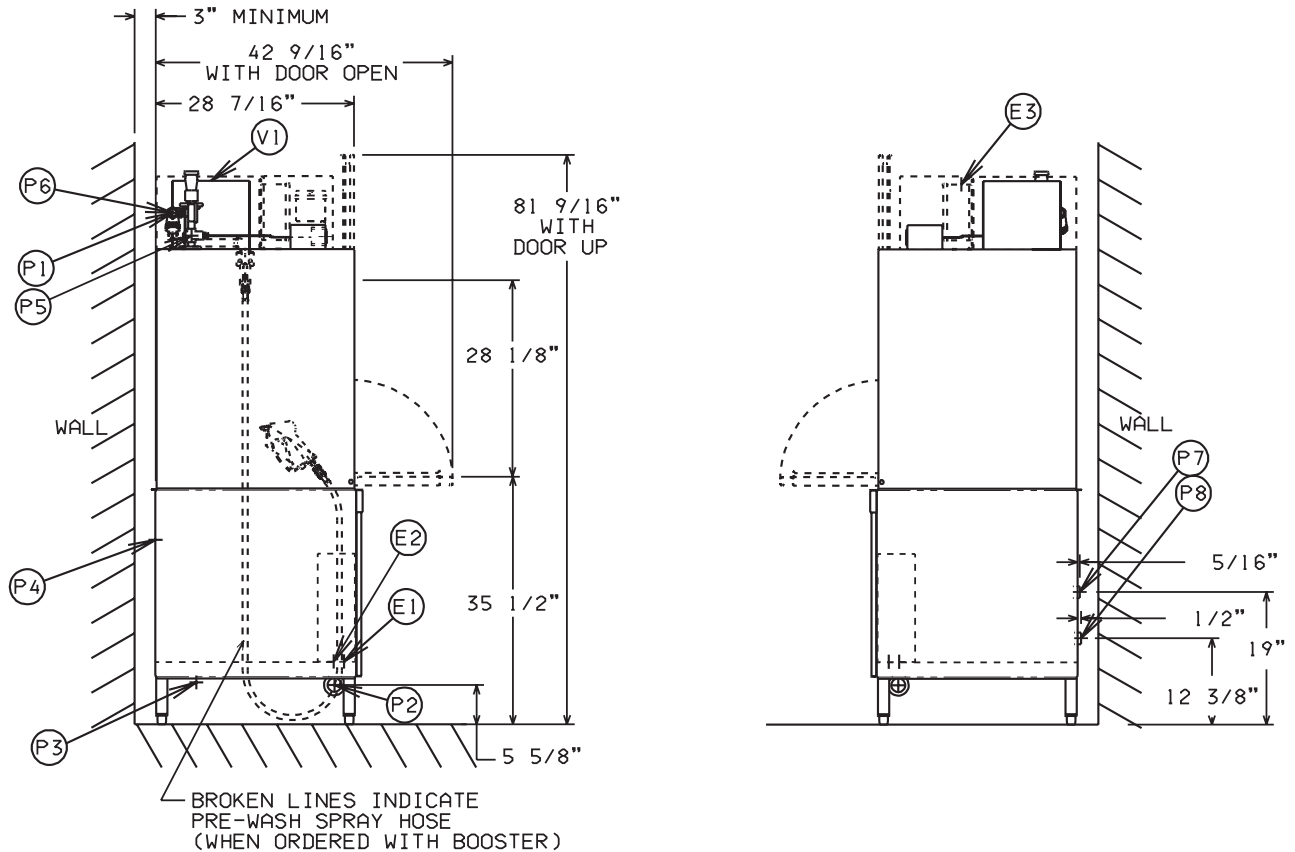
SINGLE POINT ELECTRIC CONNECTION UW-50 WITH STEAM HEAT AND 14KW ELECTRIC BOOSTER (CONTROLS AND SHP PUMP MOTOR)			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR CAPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208/60/3	60.3	80	80
240/60/3	52.3	70	70
480/60/3	26.4	35	35



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UW50 UTENSIL/PAN WASHER

DETAILS & DIMENSIONS – STEAM INJECTOR/STEAM COIL



UW50 UTENSIL/PAN WASHER



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SPECIFICATIONS

DESIGN: Heavy-duty, fully automatic, front-loading utensil/pan washer with large split door system. Upper door section slides upward as the lower door section is pulled down. Stainless steel pull-out rack allows easy loading for large utensils and pans. Three variable wash cycles ensure thorough cleaning and sanitizing.

CONSTRUCTION: Tank and hood, 16 gauge stainless steel; 14 gauge frame, legs and adjustable feet. Front enclosure panel standard.

PUMP: Cast iron pump integral with motor, Ni-Resist impeller, horizontally mounted. Pump capacity 343 gpm.

MOTOR: 5 H.P., available in 208/60/3, 240/60/3, or 480/60/3 configurations. Factory sealed lubrication, drip proof with sealed ball bearings. Thermal overload protection.

RACKS PER HOUR:

Wash Cycle	Racks/Hr.
2 minute	18
4 minute	12
6 minute	9

WASH CYCLE: Complete automatic operation. Cycle may be interrupted any time by opening door.

Upper and lower revolving wash arms, with computer designed, debossed, anti-clog wash nozzles, direct high pressure wash flow to all soiled surfaces.

Large, sloping, perforated, removable stainless steel scrap screens direct food soils to a deep perforated stainless steel scrap basket.

Scrap basket and strainer easily removed.

RINSE CYCLE: 180°F final sanitizing rinse through two upper and two lower revolving rinse arms with stainless steel rinse jets. Rinse arms removable without tools.

RACKING: Standard rack assortment consists of one flat-bottomed frame rack, one flat grid insert rack, and two tray support insert racks. External rack dimensions are 40 $\frac{7}{8}$ " wide, 22 $\frac{7}{8}$ " deep, and 4 $\frac{1}{8}$ " high.

Standard flat-bottomed frame rack also accepts (2) 20" x 20" combination or peg racks per cycle.

SPECIFICATIONS: Listed by Underwriters Laboratories Inc., NSF International and CSA Certified.

As continued product improvement is a policy of Hobart Corporation, specifications are subject to change without notice.

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model Series: TRC-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Back up storage
- Modular buffet systems

CAPACITY:

- Trays: App 100 – 150 trays
- Racks: 5 to 6 racks per stack
- Baskets: 5 to 6 baskets per stack
- Above capacities doubled for double units

DISPENSES:

- Trays
- Chinaware in racks
- Chinaware in baskets

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- All seams fully welded & polished
- Channel reinforced extended base for rigidity and stability
- Dispensing system in a steel upright uni-frame enclosure
- Cantilever dispensing system
- Dispensers are equipped with non-rusting springs that are heat treated for strength & durability
- With easy off back panel for spring removal
- Wrap-around bumper
- Push handle on rear as standard
- 4 > 5” swivel, non-marking casters with 4 side brakes

OPTIONAL FEATURES [1]:

- NP - Stainless steel nameplate
- PP - Push posts on top of unit
(Handle is removed when adding push posts)
- Sealed casters for cart wash
- STD-F - Flat style overshelf
- 8CD - Cylinder style overshelf
- OS4 - 4 pan overshelf
- TG - Stainless steel tray guides
- Remove (*) from model code for non-NSF models



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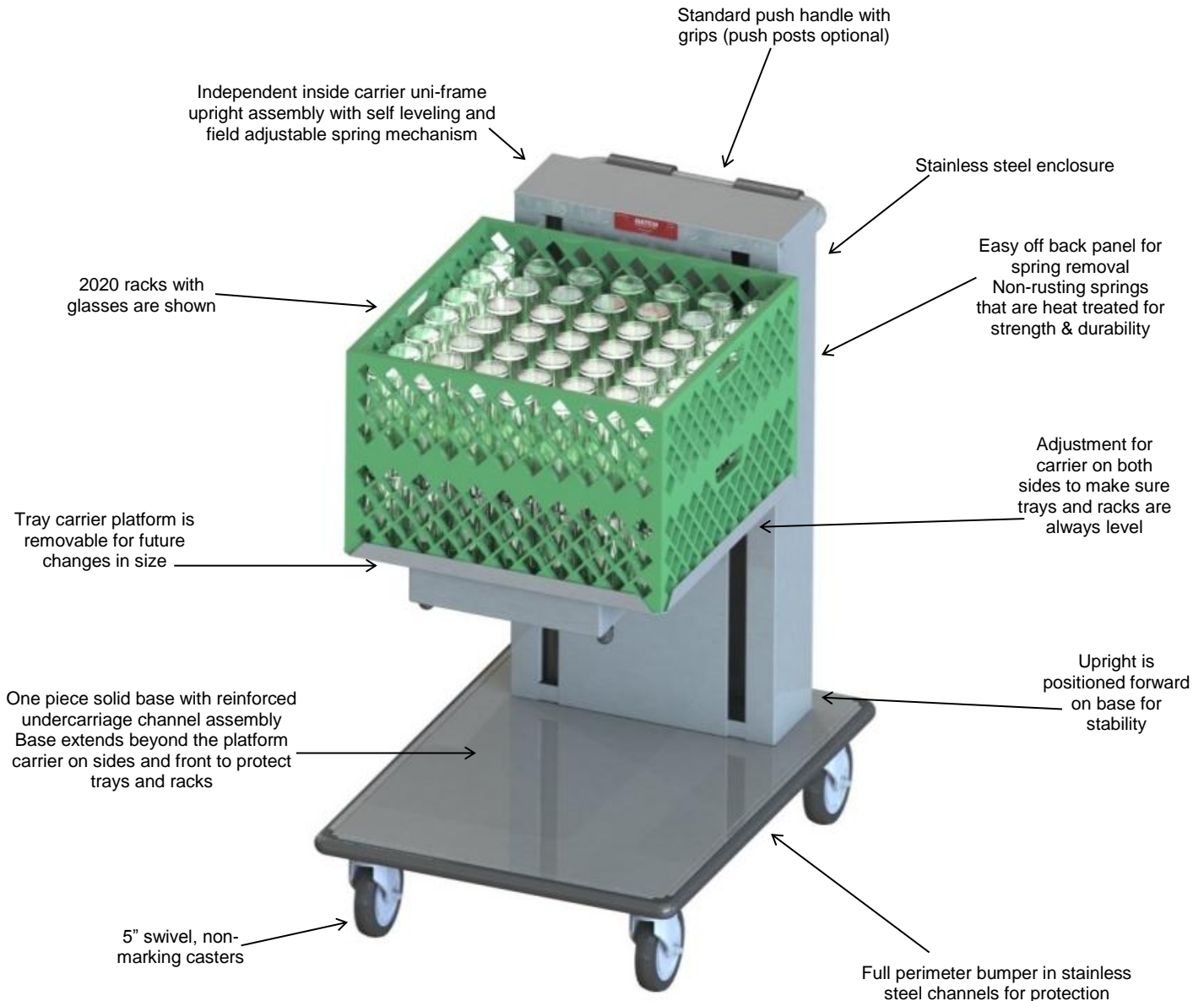
Custom Designs
Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model #: TRC-M-*



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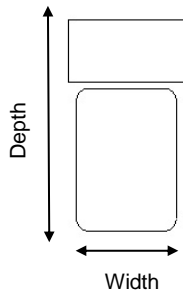


TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- PROJECTED

Model #: TRC-M-P*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-P*	10" x 14" 254mm x 356mm	17" - 432mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1020-P*	10" x 20" 254mm x 508mm	17" - 432mm	31.5" - 800mm	115lb - 52.3kg
TRC-M-1216-P*	12" x 16" 305mm x 406mm	17" - 432mm	27.5" - 699mm	115lb - 52.3kg
TRC-M-1219-P*	12" x 19" 305mm x 483mm	17" - 432mm	30.5" - 775mm	115lb - 52.3kg
TRC-M-1321-P*	13" x 21" 330mm x 533mm	19" - 483mm	32.5" - 826mm	115lb - 52.3kg
TRC-M-1418-P*	14" x 18" 356mm x 457mm	19" - 483mm	29.5" - 749mm	115lb - 52.3kg
TRC-M-1520-P*	15" x 20" 381mm - 508mm	19" - 483mm	31.5" - 800mm	118lb - 53.4kg
TRC-M-1620-P*	16" x 20" 407mm x 508mm	19" - 483mm	31.5" - 800mm	128lb - 58.2kg
TRC-M-1622-P*	16" x 22" 407mm x 559mm	19" - 483mm	33.5" - 851mm	128lb - 58.2kg
TRC-M-1826-P*	18" x 26" 457mm x 660mm	21" - 533mm	37.5" 953mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by ½" (13mm).

Overall height of all listed units is 37½" (953mm).

Changes available to suit customer's requirements.

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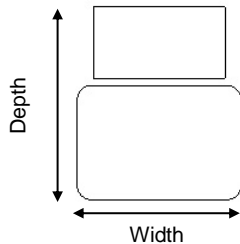
Custom Designs Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- SIDEMOUNT

Model #: TRC-M-S*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-S*	10" x 14" 254mm x 356mm	19" - 483mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1020-S*	10" x 20" 254mm x 508mm	23" 584mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1216-S*	12" x 16" 305mm x 406mm	19" - 483mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1219-S*	12" x 19" 305mm x 483mm	22" - 559mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1321-S*	13" x 21" 330mm x 533mm	23.75" - 603mm	24.5" - 622mm	115lb - 52.3kg
TRC-M-1418-S*	14" x 18" 356mm x 457mm	21" - 533mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1520-S*	15" x 20" 381mm - 508mm	23" - 584mm	26.5" - 673mm	118lb - 53.4kg
TRC-M-1620-S*	16" x 20" 407mm x 508mm	23" - 584mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1622-S*	16" x 22" 407mm x 559mm	25.5" - 648mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1826-S*	18" x 26" 457mm x 660mm	29" - 737mm	29.5" - 749mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by 1/2" (13mm).

Overall height of all listed units is 37 1/2" (953mm).

Changes available to suit customer's requirements.

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Specifications subject to change without notice.

Custom Designs
Available

TRAY AND RACK DISPENSER

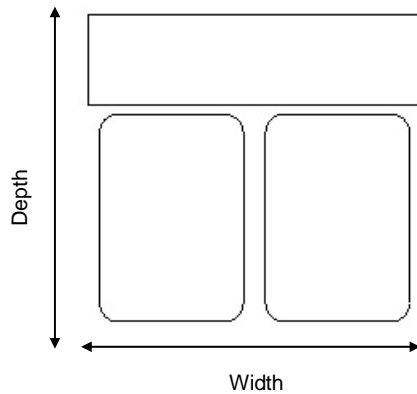
- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- DOUBLE UNIT
- PROJECTED

Model #: TRC-M-2*

SPECIFICATIONS:

-Refer to page one



Note: On double units each carrier mechanism moves independently of the other (e.g.: one can be up or empty and one can be down or full).

MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-2*	10" x 14" 254mm x 356mm	26.5" - 673mm	25.5" - 648mm	120lb - 54.5kg
TRC-M-1020-2*	10" x 20" 254mm x 508mm	26.5" - 673mm	31.5" - 800mm	130lb - 59.1kg
TRC-M-1321-2*	13" x 21" 330mm x 533mm	35.5" - 902mm	32.5" - 826mm	144lb - 65.5kg
TRC-M-1418-2*	14" x 18" 356mm x 457mm	35.5" - 902mm	29.5" - 749mm	155lb - 70.5kg
TRC-M-1520-2*	15" x 20" 381mm - 508mm	35.5" - 902mm	31.5" - 800mm	160lb - 72.7kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by 1/2" (13mm).

Overall height of all listed units is 37 1/2" (953mm).

Changes available to suit customer's requirements.

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Custom Designs
Available

TRAY AND RACK DISPENSER - OPTIONS

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT

Model #: TRC-M-STD-F*

SPECIFICATIONS:

- Flat style overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 45 ½” (1156mm)



Model #: TRC-M-8-CD*

SPECIFICATIONS:

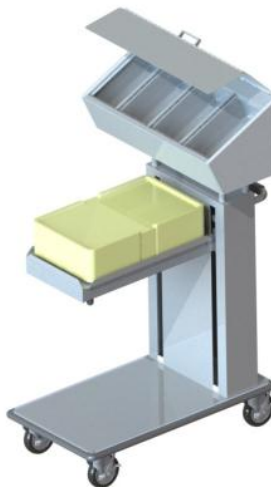
- Cylinder style overshelf (cylinders not included)
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 54 ½” (1385mm)



Model #: TRC-M-OS-4*

SPECIFICATIONS:

- 4 pan overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Holds 4 ¼ size cutlery pans (pans not included)
- With NSF certified, hinged fold back cover
- Overall width of unit is 27 ½” (699mm)
- Overall height of unit is 53” (1346mm)



Model #: TRC-M-TG*

SPECIFICATIONS:

- Tray guides to assist in the positioning of non-stacking trays
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Dimensions of unit as per charts



Options available on double units – refer to factory.

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Available

ROUND TUBE DISH DISPENSER

- STAINLESS STEEL
- SELF LEVELING
- FIELD ADJUSTABLE

- MOBILE
- ENCLOSED
- HEATED

Model Series: DTH-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Back up storage
- Modular buffet systems

CAPACITY:

- Approximately 5 to 6 doz. plates per tube
- Refer to factory for bowl capacities

DISPENSES:

- Stackable Plates
- Stackable Bowls
- Misc. stackable round chinaware

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot-welded construction
- Removable top; all seams fully welded & polished
- Double wall insulated construction
- Accommodates various round drop-in tube dispensers (DTO-DI)
- Dispensers are equipped with non-rusting springs that are heat treated for strength & durability
- Push handle on one end of unit
- Wrap-around bumper
- Clean out door in bottom
- 4 > 5” swivel, non-marking casters with 4 side brakes
- Variable heat setting thermostat with on/off pilot light indicator
- Approved power supply cord with 3 prong end cap

OPTIONAL FEATURES [1]:

- NP - Stainless steel nameplate
- PP - Push posts on top of unit
(Handle is removed when adding push posts)
- TC - Tube covers for tube dispensers
- LAM - Laminate décor on all sides
- PC - Powder epoxy coating
- Remove (*) from model code for non-NSF models

5 and 6 tube units available.

China diameter to be supplied with order.

See model series DTO-DI for more information on Tube Dispensers.



ELECTRICAL DATA:

- 120V, 60Hz, 1 Phase
- NEMA 5-15 End Cap
- Wattage varies by model

ROUND TUBE DISH DISPENSER

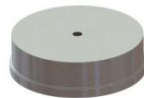
- STAINLESS STEEL
- SELF LEVELING
- FIELD ADJUSTABLE

- MOBILE
- ENCLOSED
- HEATED
- 2 TUBE UNITS

Model #: 2DTH-M-*

CAPACITY:

- Approximately 5 to 6 doz. plates per tube
- Refer to factory for bowl capacities



Optional Tube Cover



ELECTRICAL DATA:

- 120V, 60Hz, 1Ph, 1050Watts, 8.8Amp
- NEMA 5-15 End Cap
- Other voltages available

MODEL	TUBE MODEL REFERENCE	MAXIMUM CHINAWARE DIAMETER	WIDTH INCLUDING BUMPER	LENGTH INCLUDING BUMPER	LENGTH INCLUDING HANDLE	SHIPPING WEIGHT APP.
2DTH-M-1522*	DTO-DI-04.25*	To 4" - 102mm	17" - 432mm	24" - 610mm	26.5" - 673mm	110lb - 50.0kg
	DTO-DI-04.75*	4 1/2" - 114mm				
	DTO-DI-05.25*	5.0" - 127mm				
2DTH-M-1524*	DTO-DI-05.75*	5 1/2" - 140mm	17" - 432mm	26" - 660mm	28.5" - 724mm	115lb - 52.3kg
	DTO-DI-06.00*	5 3/4" - 146mm				
	DTO-DI-06.37*	6 1/8" - 155mm				
2DTH-M-1527*	DTO-DI-06.75*	6 1/2" - 165mm	17" - 432mm	29" - 737mm	31.5" - 800mm	120lb - 54.5kg
	DTO-DI-07.50*	7 1/4" - 184mm				
	DTO-DI-07.87*	7 5/8" - 194mm				
2DTH-M-1530*	DTO-DI-08.37*	8 1/8" - 206mm	17" - 432mm	32" - 813mm	34.5" - 876mm	138lb - 62.7kg
	DTO-DI-08.87*	8 5/8" - 219mm				
	DTO-DI-09.37*	9 1/8" - 232mm				
2DTH-M-1532*	DTO-DI-09.87*	9 5/8" - 244mm	17" - 432mm	34" - 864mm	36.5" - 927mm	142lb - 64.5kg
	DTO-DI-10.37*	10 1/8" - 257mm				
2DTH-M-1734*	DTO-DI-10.87*	10 5/8" - 270mm	19" - 483mm	36" - 914mm	38.5" - 978mm	152lb - 69.1kg
	DTO-DI-11.37*	11 1/8" - 283mm				
2DTH-M-1736*	DTO-DI-12.37*	12 1/8" - 308mm	19" - 483mm	38" - 965mm	40.5" - 1029mm	160lb - 72.7kg
2DTH-M-1838*	DTO-DI-13.37*	13 1/8" - 333mm	20" - 508mm	40" - 1016mm	42.5" - 1080mm	170lb - 77.3kg
2DTH-M-2042*	DTO-DI-15.37*	15 1/8" - 384mm	22" - 559mm	44" - 1118mm	46.5" - 1181mm	185lb - 84.0kg

Height to unit top is 36" (914 mm).

HEATED BASE/PLATE DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING FIELD ADJUSTABLE

- MOBILE
- DUAL HEAT
- 1 TO 3 STACK

Model Series: AFDH-M-*

APPLICATION:

- Tray make-up systems
- Back up storage

CAPACITY:

- Approximately 48 plates per stack
- Approximately 50 bases per stack

DISPENSES:

- China or special composition plates (e.g. Alicite, Thermacite, etc.) up to and including 10" plate diameter
- Stainless steel or alloy composition bases up to and including 10" base diameter

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot-welded construction
- All seams fully welded & polished
- Channel reinforced base for rigidity and stability
- Cantilever dispensing system in a steel upright uni-frame enclosure
- Dispensers are equipped with non-rusting springs that are heat treated for strength & durability
- Carrier platform is full length as standard (split carrier optional)
- Cover is full length as standard (split cover optional)
- Cover is double paneled stainless steel, insulated, hinged fold back design with handle
- Convection type heating with fan forced horizontal air flow
- Variable heat setting thermostat with “OFF” position
- “ON-OFF” toggle switch with “POWER ON” and “THERMOSTAT ON” indicator pilot lights
- Internally mounted selector switch for “LOW HEAT” and “HIGH HEAT” to prevent accidental changing of heat setting
- Approved power supply cord with 3 prong end cap
- Stainless steel push handle with grips
- Wrap-around bumper
- 4 > 5” swivel, non-marking casters with 4 side brakes

OPTIONAL FEATURES [1]:

- NP - Stainless steel nameplate
- SCP - Split covers and split platforms
- CB - Corner bumpers
- PR - Plate rods with perforated platforms for smaller wares
- Remove (*) from model code for non-NSF models



Shown with optional split cover and platform



Shown with optional plate rods



ELECTRICAL DATA:

- 208V, 60Hz, 1 Phase, 2800 Watts, 20 Amp
- NEMA 6-20 End Cap

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HEATED BASE/PLATE DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- DUAL HEAT
- 1 TO 3 STACK

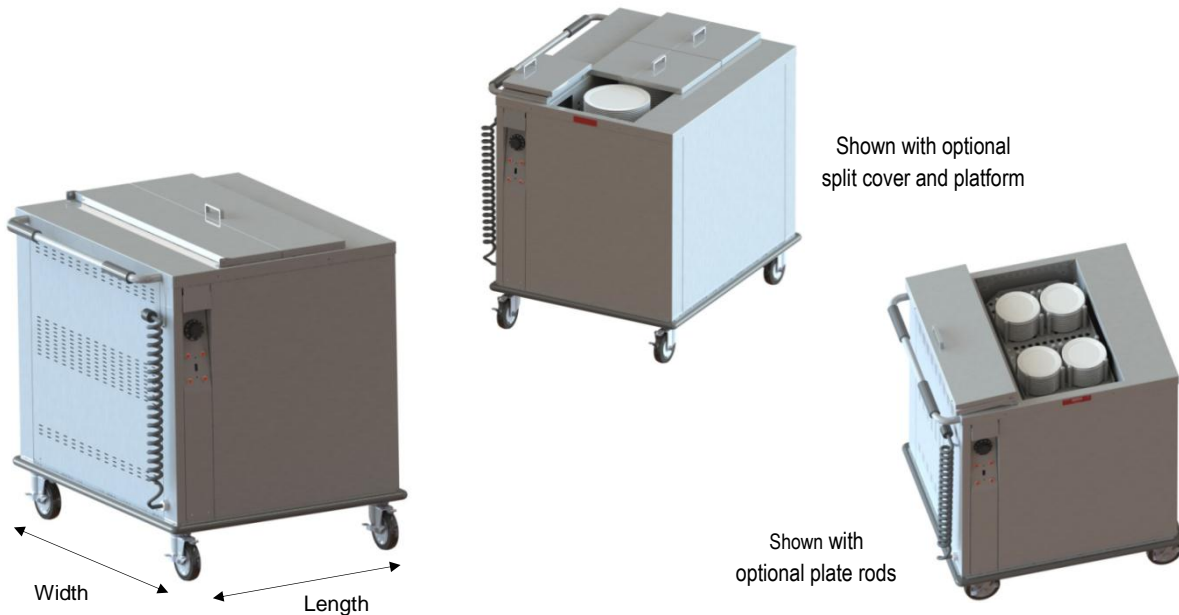
Model Series: AFDH-M-*

CAPACITY:

- Approximately 48 plates per stack
- Approximately 50 bases per stack

ELECTRICAL DATA:

- 208V, 60Hz, 1 Phase, 2800 Watts, 20 Amp
- NEMA 6-20 End Cap



MODEL	STACKS PER UNIT	WIDTH INCLUDING BUMPER	LENGTH INCLUDING BUMPER	LENGTH INCLUDING HANDLE	SHIPPING WEIGHT APP.
AFDH-M-1*	1 Stack	21" - 533mm	32" - 813mm	34.5" - 876mm	200lb - 91.0kg
AFDH-M-2*	2 Stacks	28.5" - 724mm	32" - 813mm	34.5" - 876mm	270lb - 122.7kg
AFDH-M-3*	3 Stacks	40.5" - 1029mm	32" - 813mm	34.5" - 876mm	330lb - 150kg

Overall height of all listed units is 37 1/2" (953mm).

BLIXERS

Prepare liquidized food as well as chop, grind, purée, emulsify...all in one machine!



Blixer 3



Blixer 4



Blixer 4V



Blixer 5



Blixer 5V



Blixer 6



Blixer 6V

- **BLIXERS** prepare mixed liquid or semi-liquid foods, even tube feedings, easily by combining the best features of the food processor and blender/mixer.
- Comes with stock-pot shaped stainless steel cutter bowl with handle, stainless steel cutter blade, and patented food wiper assembly to wipe top and sides of bowl during processing for overall mixing.
- Leakproof, see-thru lid to view processing progress and add ingredients without stopping or opening machine.
- Large capacity machine – 3.5 qt, 4 qt., 5.5 qt., and 7 qt. capacity models. Other Blixers available up to 60 Qt.
- 4 qt., 5.5 qt., and 7 qt. machines available in 2-speed or variable speed.
- Easily disassembled for cleaning.
- Long-lasting, reliable motors require minimum maintenance.
- 1 year warranty on parts and labor.

Blixers were developed to take the hard work out of preparing mixed liquid or semi-liquid foods. Blixers allow the same foods to be served to everyone enabling all patients to get the same nourishing nutrients. Recommended for use in **healthcare facilities** for preparing spoon feedings, semi-liquid feedings, and liquid feedings (for tube feedings); **restaurants** for preparing combo butter mixtures, sauces, salad dressings, mousses, and grinding herbs, seeds, lobster, scampi, etc.

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SPECIFICATIONS ON REVERSE SIDE

Specifications

STANDARD MODEL:

- Blixer 3 Includes motor base unit, 3.5 Qt. Stainless steel bowl with handle, stainless steel 'S' blade with plastic handle, patented plastic wiper assembly.
- Blixer 4/4V Includes motor base unit, 4 Qt. Stainless steel bowl with handle, stainless steel 'S' blade with plastic handle, patented plastic wiper assembly.
- Blixer 5/5V Includes motor base unit, 5.5 Qt. Stainless steel bowl with handle, stainless steel 'S' blade with plastic handle, patented plastic wiper assembly.
- Blixer 6/6V Includes motor base unit, 7 Qt. Stainless steel bowl with handle, all stainless steel 'S' blade assembly, patented plastic wiper assembly.

ELECTRICAL REQUIREMENTS:

- Blixer 3 120V, 60HZ, 10.5 AMPS, single phase.
 - Blixer 4/4V 120V, 60HZ, 11 AMPS, single phase.
 - Blixer 5 208-240V, 60HZ, 10 AMPS, three phase.
 - Blixer 5V 120V, 60HZ, 12 AMPS, single phase.
 - Blixer 6 208-240V, 60HZ, 12 AMPS, three phase.
 - Blixer 6V 120V, 60HZ, 12 AMPS, single phase.
- Contact your electrician for local code requirements.

MOTOR:

- Blixer 3 1.5 HP, single phase, single speed, 3450 RPM.
- Blixer 4 1.5 HP, single phase, single speed, 3450 RPM.
- Blixer 4V 2 HP, single phase, variable speed, 370-3450 RPM.
- Blixer 5 3 HP, three phase, two speed, 1725/3450 RPM.
- Blixer 5V 3 HP, single phase, variable speed, 370-3450 RPM.
- Blixer 6 3 HP, three phase, two speed, 1725/3450 RPM.
- Blixer 6V 3 HP, single phase, variable speed, 370-3450 RPM.

SWITCHING:

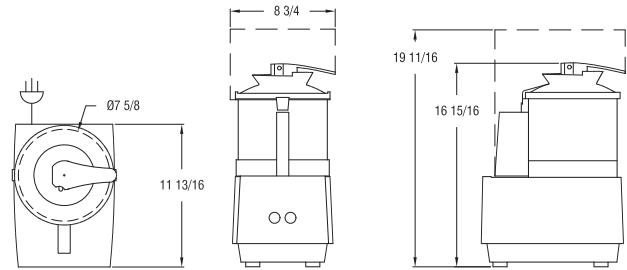
- Blixer 3 & 4 High Speed for Finer Puréeing.
- Blixer 4V Push Button “On-Off” main switch with computerized variable speed control and Pulse Button.
- Blixer 5 & 6 w-High/Low speed selector with push button “On-Off” switches. Built-in safety switches.
- Blixer 5V & 6V Push Button “On-Off” main switch with computerized variable speed control.

BOWL CAPACITY: Blixer 3 – 3.5 Qt., Blixer 4/4V – 4 Qt.,
Blixer 5/5V – 5.5 Qt., Blixer 6/6V – 7 Qt.

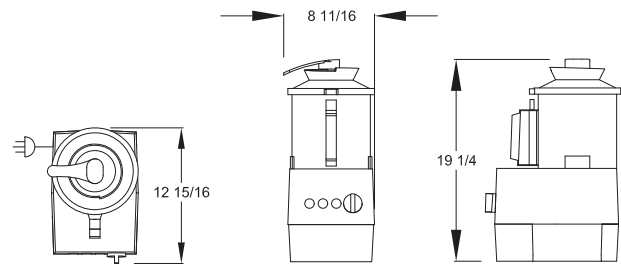
WEIGHT: Blixer 3 – 29 lbs. Approximate shipping weight.
Blixer 4 – 69 lbs. Approximate shipping weight.
Blixer 4V - 76 lbs. Approximate shipping weight.
Blixer 5 – 78 lbs. Approximate shipping weight.
Blixer 5V – 87 lbs. Approximate shipping weight.
Blixer 6 – 83 lbs. Approximate shipping weight.
Blixer 6V – 89 lbs. Approximate shipping weight.

STANDARDS: ETL Electrical and Sanitation, cETL

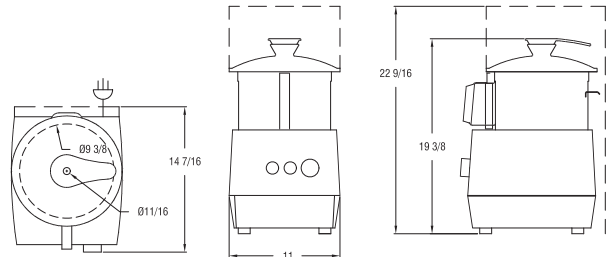
Blixer 3



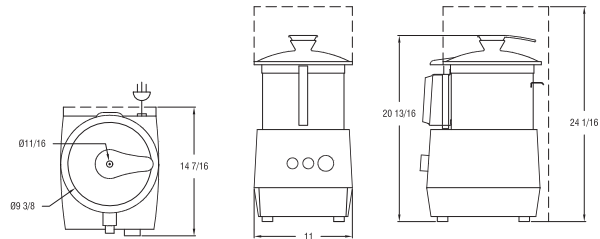
Blixer 4/4V



Blixer 5/5V



Blixer 6/6V



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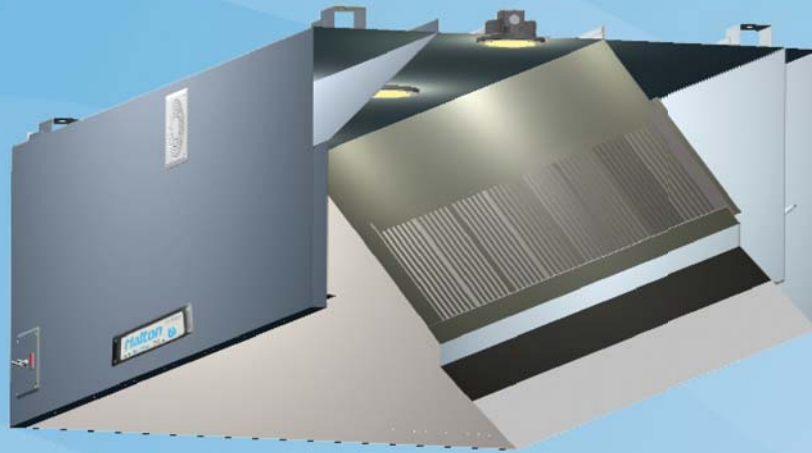
Distributed by:

KVE

Capture Jet® Hood with Side-Jet Technology

K42

KVE/PC/xxxx11507/EN



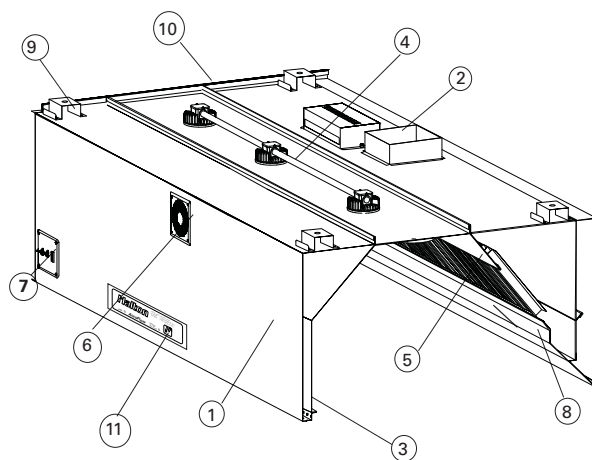
The KVE Capture Jet® hood with Side-Jet technology is a highly efficient kitchen ventilation hood that removes contaminated air and excess heat emitted by cooking equipment, helping to provide a comfortable and clean environment.

The KVE hood uses the advanced Halton Capture Jet® with Side-Jet technology to improve the capture and containment of the airflows generated by the cooking equipment. Overall exhaust airflow rates can be reduced up to 30% from those of traditional kitchen hoods.

The Capture Jet® hood with Side-Jet technology is based on the high entrainment efficiency of a compact, high-velocity capture air jet. The capture air jets efficiently induce ambient air at the critical front face area of the hood, minimizing the spillage of the contaminated air and maintaining good air quality in the chef's work area.

- Improved indoor air quality with reduced energy use. Halton Capture Jet® with Side-Jet technology reduces the exhaust airflow rates required and improves the capture and containment efficiency of the hood.
- High efficiency grease filtration using UL and NSF classified Halton KSA multi-cyclone filters for removal of up to 95% of particles with a size of 8 microns per ASTM F2519.
- T.A.B.™ (testing and balancing) ports, which allow accurate and effective commissioning.
- AccuFlow provides a visual indicator that the system is at design exhaust air values at the face of the hood. A pressure transducer measures design exhaust rate and provides a green indicator light.
- Standard LED light fixtures.
- Stainless steel, welded design.

NOTE: Factory must be advised of any special requirements of the Authority Having Jurisdiction at time of quote.



Part	Description
1	18 Ga. Stainless steel
2	Exhaust duct collar
3	Capture Jet air
4	Light fixture
5	KSA grease filters
6	Integrated Capture Jet fan intake
7	Switch panel (optional)
8	Grease collection cup
9	Hanger bracket

Construction

The KVE hood combines Capture Jet® with Side-Jet technology, light fixtures, airflow measurement T.A.B. ports and KSA grease filters. The hood shall bear ETL or UL label. The ETL/UL listed range hood without exhaust fire damper per standard 710 and be fabricated in compliance with NFPA-96, and shall bear the NSF seal of approval.

The exposed parts are manufactured from 18 ga. stainless steel.

The hood ends have double side wall construction. A concealed collection cup is fitted into the grease drain channel for easy removal of the grease and dirt extracted by the KSA multi-cyclone filters.

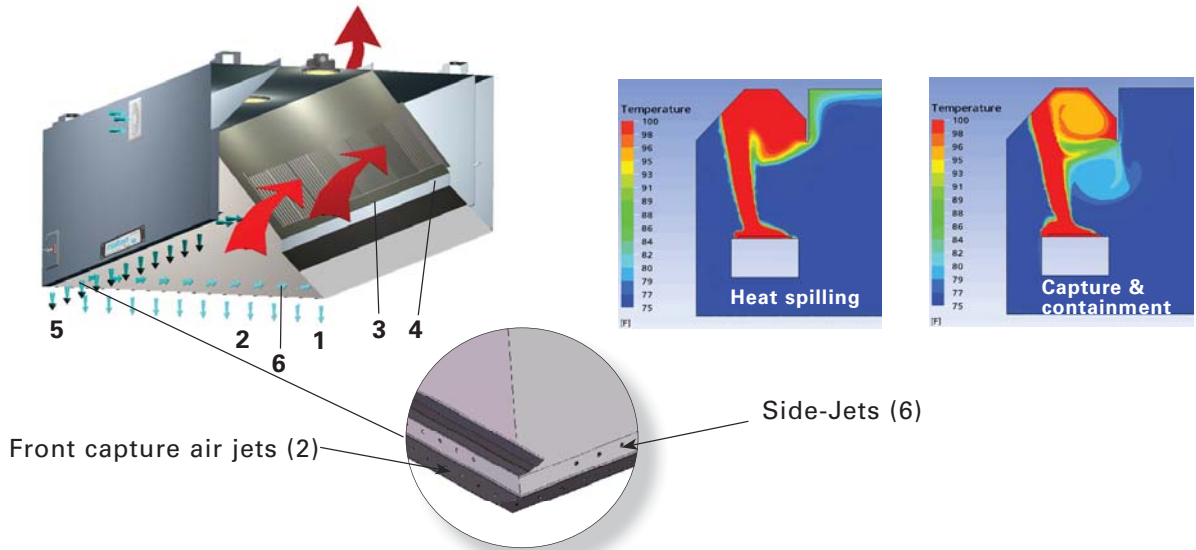
DIMENSIONS

KVE	inches
Length	48....168
Width	42....84
Height	24....30

QUICK DATA

Length	Recommended Exhaust air volumes	Recommended Capture Jet air volumes
48....168	* Actual exhaust air volumes are calculated by using the heat load based design method utilizing the Halton H.E.L.P. (Hood Engineering Layout Program)	Capture Jet average pressure 0.40" WC (without Side Jet option), 0.20" WC (with Side Jet option).
	*Average operating range from light to to heavy duty cooking loads 135 cfm to 275 cfm per linear foot	*Airflows established by a pressure reading *WC= Water Column

*Hoods are ETL or UL listed for USA per UL710, and CANADA per ULC-S646 standards, and NSF certified.



Function

The kitchen hood above cooking appliances contains the rising warm air and contaminants (1). The capture air jets (2) direct the contaminated air toward the KSA grease filters (3), where grease particles and other impurities are separated from the exhaust air using the cyclone separation principle.

- 10 Double wall construction
- 11 AccuFlow Display

The extracted grease and other air contaminants flow into a drain channel and toward the collection tray/cup (4).

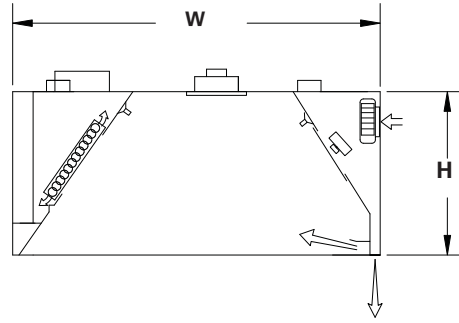
The vertical capture air improves efficiency, and allows the hood to operate at lower exhaust airflows. This is achieved by modifying the capture jet configuration on the front of the hood (5). The side jets allow for enhanced performance at the ends of the hood (6).

Accessories

- Closure Panels - for canopies below ceiling level
- Backsplash
- Side Skirts (optional)
- KFR - Filter Removal Tool
- Recessed fluorescent
- Recessed incandescent
- Incandescent globe type lights
- MEP - Master Electrical Panels
- Face or remote mounted switch panels
- Factory prepiped Fire Protection
- Powder coated
- Listed exhaust duct balancing damper
- Custom/Designer stainless steel exterior textures
- Hood mounted fire cabinet
- M.A.R.V.E.L. Demand Control w/VFD by Halton

DIMENSIONS

KVE - Wall model	inches
Length	48....168
Width	42....84
Height	24....30



Noted in drawings as:

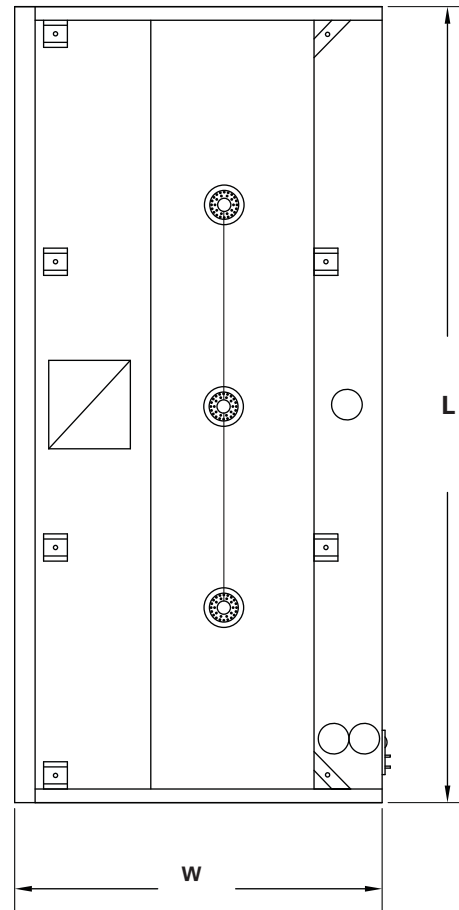
- * L = Length
- * W = Width
- * H = Height

WEIGHTS (LB)

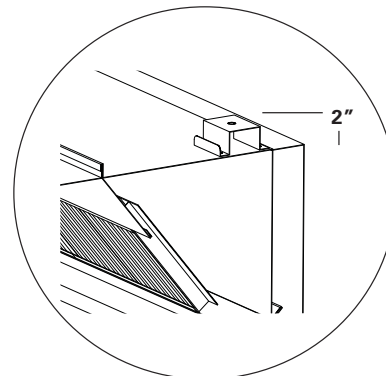
18 ga.

Estimated Crated Shipping Weight	inches	Weight
Width	48"	75 lbs / ft.
Width	54"	80 lbs / ft.
Width	60"	85 lbs / ft.

*Larger Weights - Consult Factory



Mounting bracket 2" high (52mm)



DIMENSIONS

KVE - Island model	inches
Length	48....168
Width	42....84
Height	24....30
Overall Width	84....168

Noted in drawing as:

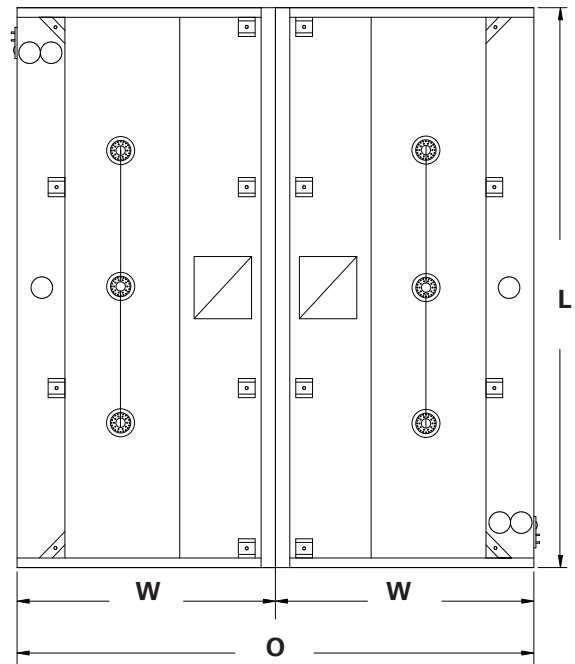
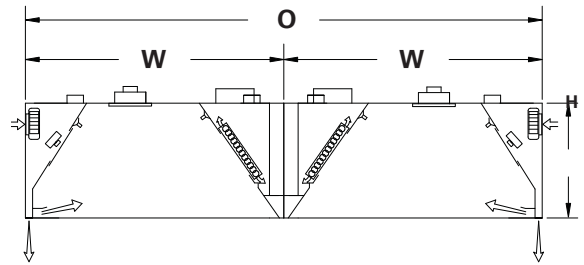
- * L = Length
- * W = Width
- * H = Height
- * O = Overall Width

WEIGHTS (LB)

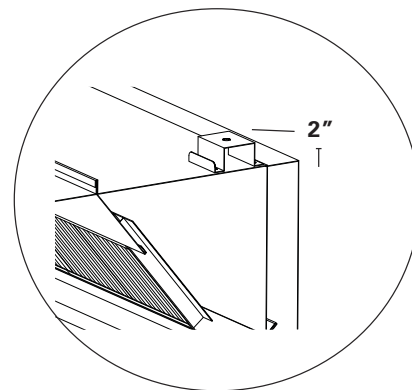
18 ga.

Estimated Crated Shipping Weight	inches	Weight
Width	48"	75 lbs / lin. ft.
Width	54"	80 lbs / lin. ft.
Width	60"	85 lbs / lin. ft.
Width	66"	90 lbs / lin. ft.
Width	72"	95 lbs / lin. ft.
Width	78"	100 lbs / lin. ft.

*Larger Weights - Consult Factory



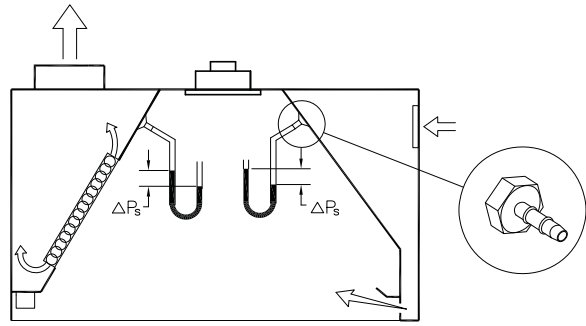
Mounting bracket 2" high (52mm)



Balancing of Capture Jet® Hoods

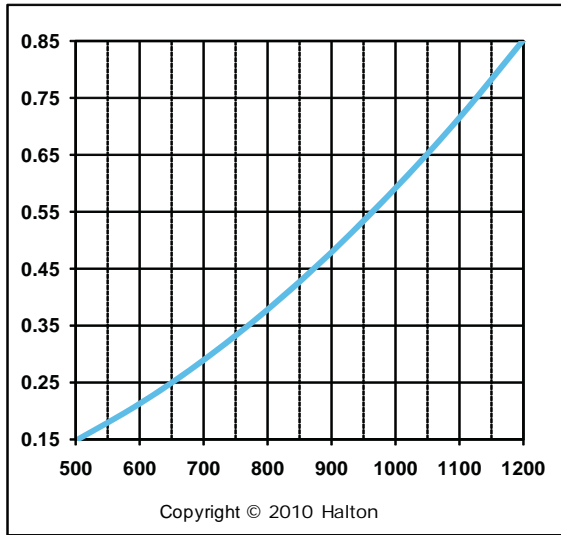
The capture jet and exhaust air flows are easily and accurately determined by measuring the pressure difference from the T.A.B. ports mounted in each plenum. Corresponding air flows can be read from the diagrams provided.

All T.A.B. readings assume cold conditions. To adjust for an exhaust temperature of 110 °F, multiply the readings by a factor of 0.93.

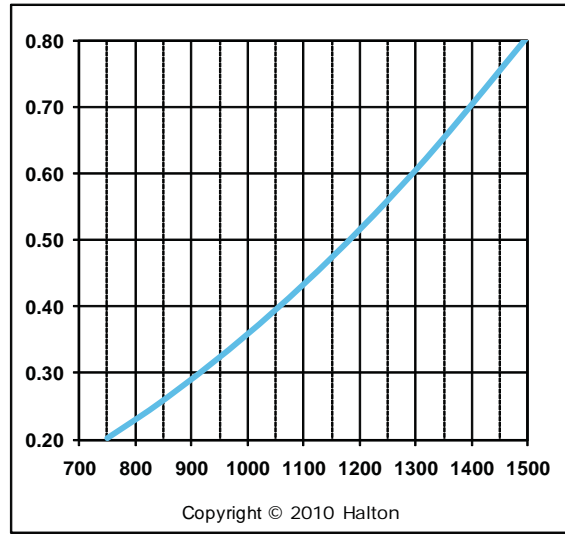


Exhaust air flow vs. pressure differential

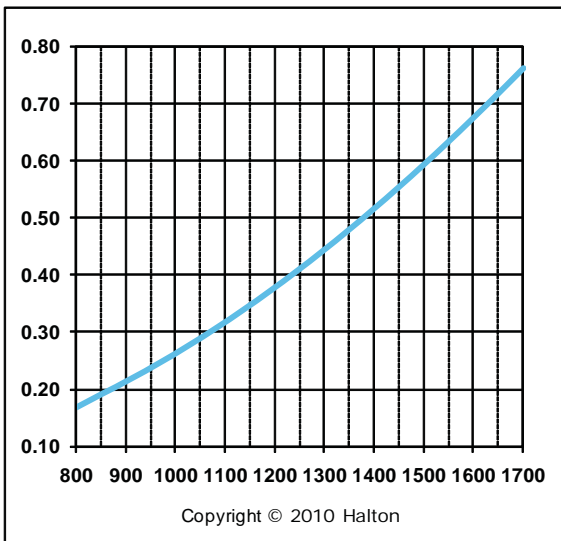
KVE/KVC- 2 Filters



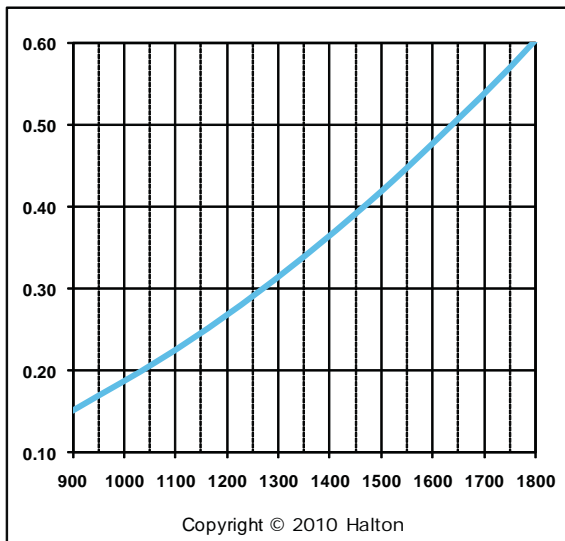
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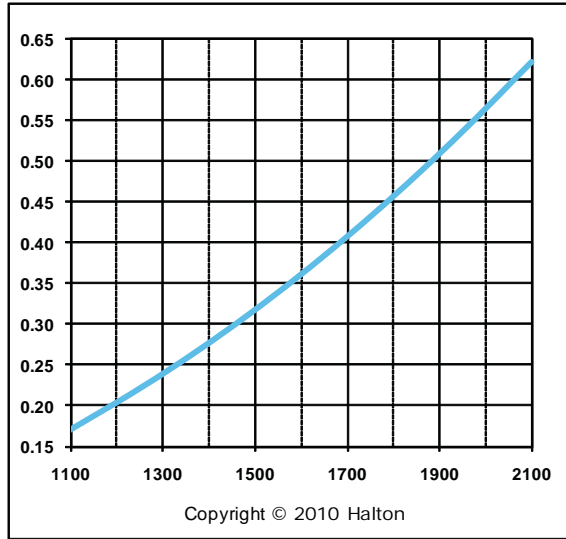
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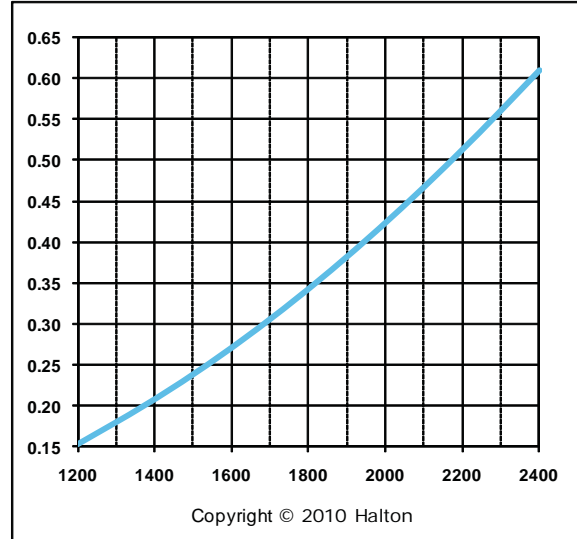
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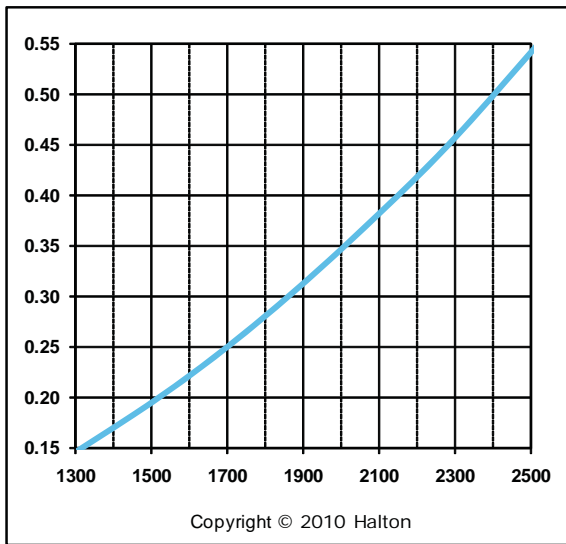
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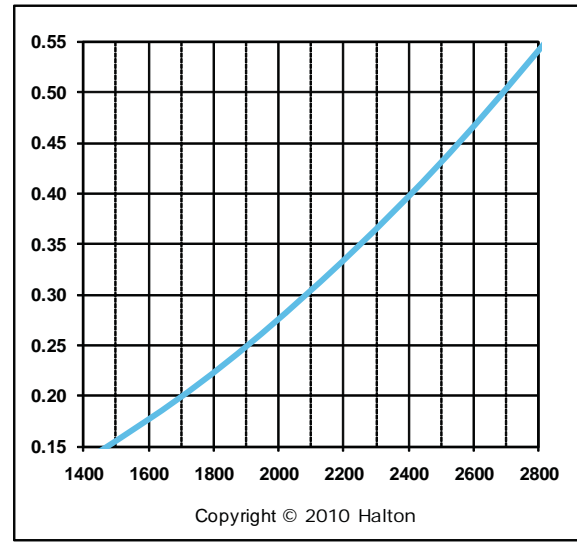
KVE/KVC- 4.5 Filters



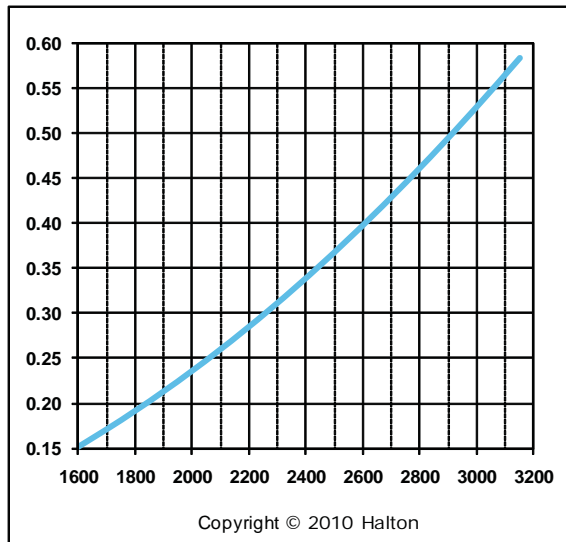
KVE/KVC- 5 Filters



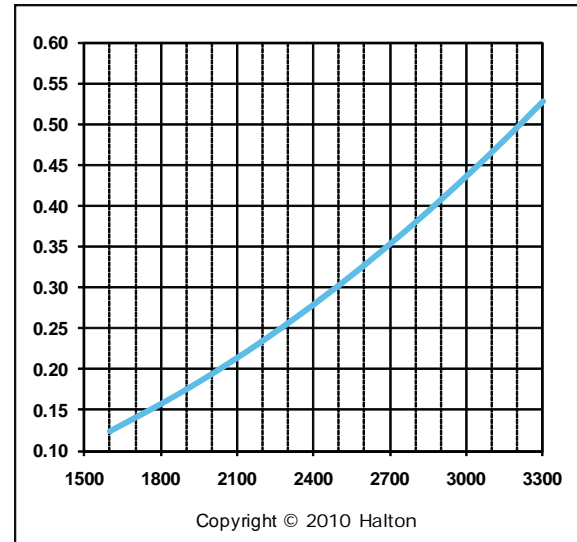
KVE/KVC- 5.5 Filters



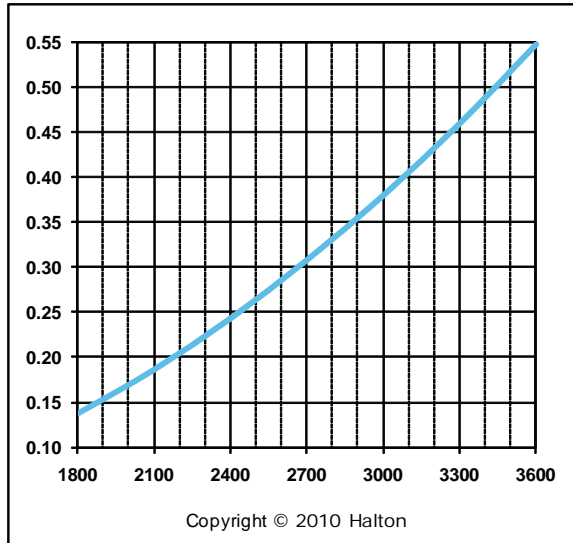
KVE/KVC- 6 Filters



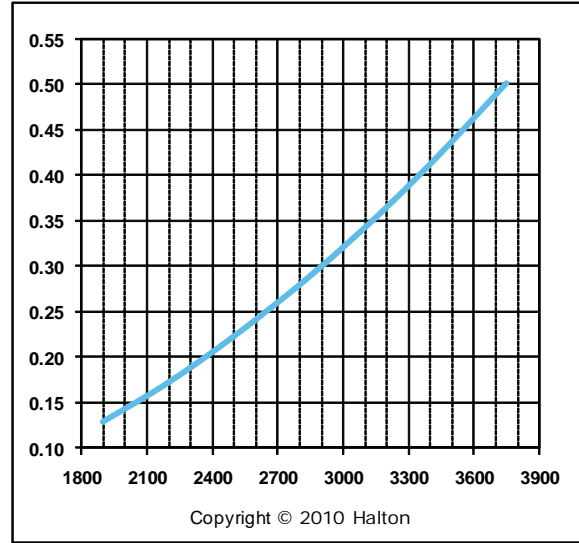
KVE/KVC- 6.5 Filters



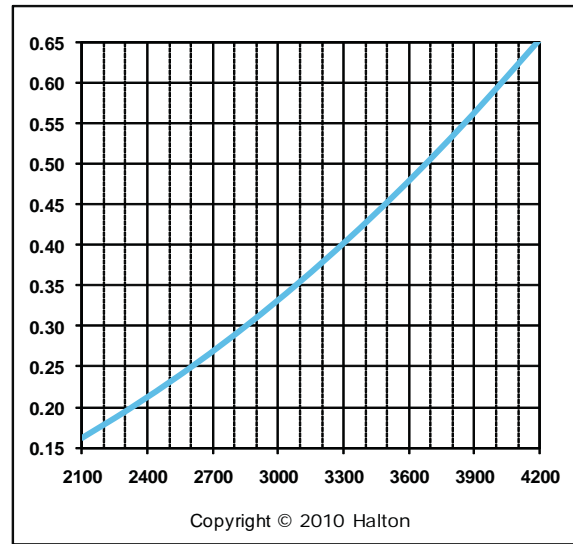
KVE/KVC- 7 Filters



KVE/KVC- 7.5 Filters, 2 Collars



KVE/KVC- 8 Filters, 2 Collars



Suggested specifications

General

Kitchen hood inner liner shall be constructed from 18 gauge stainless steel where exposed. The kitchen hoods shall be supplied complete with outer casing/ main body, inner liner, exhaust duct, pressure measurement T.A.B. ports, Outer casing panels shall be constructed of stainless steel with a brushed satin finish. Each joint shall be welded and liquid tight, avoiding harmful dripping of condensation.

All exposed welds are ground and polished to the original finish of metal. Canopy ends shall be double sided wall construction (no single wall hoods permitted).

Exhaust

The exhaust airflow will be based on the convective heat generated by the appliances underneath each hood system. Submittals shall include convective heat calculations based on the input power of the appliance served.

Capture Jet® with Side-Jet Technology

The hood shall be designed with Capture Jet® with Side-Jet technology to reduce the exhaust airflow rate required, and to improve the capture and containment efficiency of the hood, while reducing energy consumption. The Capture Jet® air shall be introduced through a special discharge panel and shall not exceed 10% of the calculated exhaust airflow. The Capture Jet® discharge velocity will be a minimum of 1500 feet per minute. Slot or grille type discharge shall not be used. The Capture Jet® shall be internally mounted with a speed control and will not require a fire damper or electronic shut down in fire mode.

AccuFlow

The Capture Jet hood will come standard with the Halton AccuFlow indicator. The AccuFlow provides a visual indicator that the system is at design exhaust air values. A pressure transducer measures design exhaust rate and this is interpreted by the AccuFlow sensor by a steady green indicator light. Should the system be below design airflow, the indicator light will blink once in sequence. Should the indicator light blink twice in sequence, the exhaust airflow is above design

T.A.B. Ports

The airflows through the extractors and the Capture Jet® air chamber are to be determined through the integral T.A.B. (Testing and Balancing) ports mounted in the hood. The airflows are to be determined by the pressure vs. airflow curves supplied by Halton.

Grease Filters

The hood shall be equipped with KSA multi-cyclone stainless steel grease extractors. The KSA filters shall be NSF and UL classified. The grease extraction efficiency is 93% on particles with a diameter of 5 microns and 98% on particles with a diameter of 15 microns or larger as tested by an independent testing laboratory. The pressure loss over the extractor shall not exceed 0.50" of water at flow rates approved by U.L. for heavy load cooking. Sound levels shall not exceed an NC rating of 55. Baffle or slot type extractors shall not be used.

Light Fixtures

Hood lights shall be U.L. Listed LED fixtures, suitable for grease hoods. 20 Watts per fixture, 50 foot candles at cooking surface. Option: Recessed fluorescent, recessed incandescent or incandescent globe type lighting. The lighting shall be suitable for single phase power supply.

Control Panel

The master electrical panel consisting of one starter per motor with overload protection will be supplied. Control panel to hood or remote mounted.

Fire Suppression System

The kitchen hood fire extinguishing system shall protect the kitchen hood against grease fires by a completely automatic fire control system, which consists of wet chemical. The fire detection system shall be capable of detecting fire in the hood, duct, or surface equipment and shall automatically discharge liquid extinguishing agent into the plenum chamber, exhaust duct collar, and cooking appliance areas to ensure against re-ignition or re-flash. System components shall include a spring-loaded fusible link detector, wall mounted emergency pull stations, wall mounted automan and cabinet, and a mechanical gas valve installed in the gas line serving the cooking equipment. System installation shall be made by an authorized representative of the system manufacturer and conform to U.L. 300 requirements and local codes.



by Tyco Fire Suppression & Building Products

R-102™ RESTAURANT FIRE SUPPRESSION SYSTEMS

Data/Specifications

FEATURES

- Low pH Agent
- Proven Design
- Reliable Gas Cartridge Operation
- Aesthetically Appealing
- UL Listed – Meets Requirements of UL 300
- ULC Listed – Meets Requirements of ULC/ORD-C1254.6
- CE Marked

APPLICATION

The ANSUL® R-102™ Restaurant Fire Suppression System is an automatic, pre-engineered, fire suppression system designed to protect areas associated with ventilating equipment including hoods, ducts, plenums, and filters. The system also protects auxiliary grease extraction equipment and cooking equipment such as fryers; griddles and range tops; upright, natural charcoal, or chain-type broilers; electric, lava rock, mesquite, or gas-radiant char-broilers; and woks.

The system is ideally suitable for use in restaurants, hospitals, nursing homes, hotels, schools, airports, and other similar facilities.

Use of the R-102 system is limited to indoor applications or locations that provide weatherproof protection within tested temperature limitations. The regulated release and tank assemblies must be mounted in an area where the air temperature will not fall below 32 °F (0 °C) or exceed 130 °F (54 °C). The system must be designed and installed within the guidelines of the UL/ULC Listed Design, Installation, Recharge, and Maintenance Manual.

SYSTEM DESCRIPTION

The restaurant fire suppression system is a pre-engineered, wet chemical, cartridge-operated, regulated pressure type with a fixed nozzle agent distribution network. It is listed with Underwriters Laboratories, Inc. (UL/ULC).

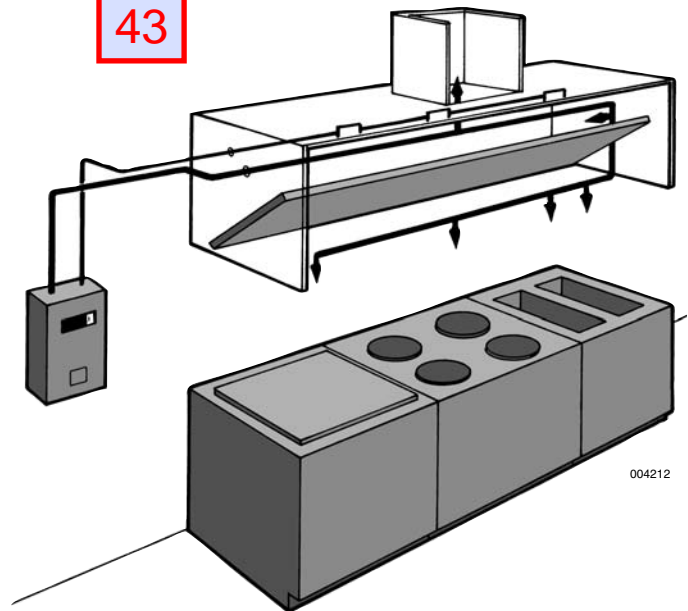


004215

The system is capable of automatic detection and actuation as well as remote manual actuation. Additional equipment is available for building fire alarm panel connections, electrical shutdown and/or interface, and mechanical or electrical gas line shut-off applications.

The detection portion of the fire suppression system allows for automatic detection by means of specific temperature-rated alloy type fusible links, which separate when the temperature exceeds the rating of the link, allowing the regulated release to actuate.

43



004212

A system owner's guide is available containing basic information pertaining to system operation and maintenance. A detailed technical manual, including system description, design, installation, recharge and resetting instructions, and maintenance procedures, is available to qualified individuals.

The system is installed and serviced by authorized distributors that are trained by the manufacturer.

The basic system consists of an ANSUL AUTOMAN® regulated release assembly which includes a regulated release mechanism and a wet chemical storage tank housed within a single enclosure. Nozzles with blow-off caps, detectors, cartridges, agent, fusible links, and pulley elbows are supplied in separate packages in the quantities needed for fire suppression system arrangements.

Additional equipment includes a remote manual pull station(s), mechanical and electrical gas valves, and electrical switches for automatic equipment and gas line shut-off. Accessories can be added such as alarms, warning lights, etc., to installations where required.

Additional tanks and corresponding equipment can be used in multiple arrangements to allow for larger hazard coverage. Each tank is limited to a listed maximum amount of flow numbers.



004213

COMPONENT DESCRIPTION

Wet Chemical Agent – The extinguishing agent is a mixture of organic salts designed for rapid flame knockdown and foam securement of grease related fires. It is available in plastic containers with instructions for wet chemical handling and usage.

Agent Tank – The agent tank is installed in a stainless steel enclosure or wall bracket. The tank is constructed of stainless steel.

Tanks are available in two sizes: 1.5 gallon (5.7 L) and 3.0 gallon (11.4 L). The tanks have a working pressure of 110 psi (7.6 bar), a test pressure of 330 psi (22.8 bar), and a minimum burst pressure of 660 psi (45.5 bar).

The tank includes an adaptor/tube assembly. The adaptor assembly includes a chrome-plated steel adaptor with a 1/4 in. NPT female gas inlet, a 3/8 in. NPT female agent outlet, and a stainless steel agent pick-up tube. The adaptor also contains a bursting disc seal which helps to prevent the siphoning of agent up the pipe during extreme temperature variations.

Regulated Release Mechanism – The regulated release mechanism is a spring-loaded, mechanical/pneumatic type capable of providing the expellant gas supply to one, two, or three agent tanks depending on the capacity of the gas cartridge used. It contains a factory installed regulator deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar). It has automatic actuation capabilities by a fusible link detection system and remote manual actuation by a mechanical pull station.

The regulated release mechanism contains a release assembly, regulator, expellant gas hose, and agent storage tank housed in a stainless steel enclosure with cover. The enclosure contains knock-outs for 1/2 in. conduit. The cover contains an opening for a visual status indicator.

It is compatible with mechanical gas shut-off devices; or, when equipped with a field or factory-installed switch and manual reset relay, it is compatible with electric gas line or appliance shut-off devices.

Regulated Actuator Assembly – When more than two agent tanks (or three 3.0 gallon (11.4 L) tanks in certain applications) are required, the regulated actuator is available to provide expellant gas for additional tanks. It is connected to the cartridge receiver outlet of the regulated release mechanism providing simultaneous agent discharge. It contains a regulated actuator deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar). It has automatic actuation capabilities using pressure from the regulated release mechanism cartridge.

The regulated actuator assembly contains an actuator, regulator, expellant gas hose, and agent tank housed in a stainless steel enclosure with cover. The enclosure contains knockouts to permit installation of the expellant gas line.

Discharge Nozzles – Each discharge nozzle is tested and listed with the R-102 system for a specific application. Nozzle tips are stamped with the flow number designation (1/2, 1, 2, or 3). Each nozzle must have a metal or rubber blow-off cap to keep the nozzle tip orifice free of cooking grease build-up.

Agent Distribution Hose – Kitchen appliances manufactured with or resting on casters (wheels/rollers) may include an agent distribution hose as a component of the suppression system. This allows the appliance to be moved for cleaning purposes without disconnecting the appliance fire suppression protection. The hose assembly includes a restraining cable kit to limit the appliance movement within the range (length) of the flexible hose.

Flexible Conduit – Flexible conduit allows for quicker installations and the convenience of being able to route the cable over, under and around obstacles. Flexible conduit can be used as a substitute for standard EMT conduit or can be used with EMT conduit.

Flexible conduit can be used only with the Molded Remote Manual Pull Station.

Pull Station Assembly – The remote manual pull station is made out of a molded red composite material. The red color makes the pull station more readily identifiable as the manual means for fire suppression system operation.

The pull station is compatible with the ANSUL Flexible Conduit.

APPROVALS

- UL/ULC Listed
- CE Marked
- New York City Department of Buildings
- LPCB
- TFR1
- Marine Equipment Directive (MED)
- DNV
- ABS
- Lloyd's Register
- Meets requirements of NFPA 96 (Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment)
- Meets requirements of NFPA 17A (Standard on Wet Chemical Extinguishing Systems)

ORDERING INFORMATION

Order all system components through your local authorized ANSUL Distributor.

SPECIFICATIONS

An ANSUL R-102 Fire Suppression System shall be furnished. The system shall be capable of protecting all hazard areas associated with cooking equipment.

1.0 GENERAL

1.1 References

- 1.1.1 Underwriters Laboratories, Inc. (UL)
 - 1.1.1.1 UL Standard 1254
 - 1.1.1.2 UL Standard 300
- 1.1.2 Underwriters Laboratories of Canada (ULC)
 - 1.1.2.1 ULC/ORD-C 1254.6
- 1.1.3 National Fire Protection Association (NFPA)
 - 1.1.3.1 NFPA 96
 - 1.1.3.2 NFPA 17A

1.2 Submittals

- 1.2.1 Submit two sets of manufacturer's data sheets
- 1.2.2 Submit two sets of piping design drawings

1.3 System Description

- 1.3.1 The system shall be an automatic fire suppression system using a wet chemical agent for cooking grease related fires.
- 1.3.2 The system shall be capable of suppressing fires in the areas associated with ventilating equipment including hoods, ducts, plenums, and filters as well as auxiliary grease extraction equipment. The system shall also be capable of suppressing fires in areas associated with cooking equipment, such as fryers; griddles and range tops; upright, natural charcoal, or chain-type broilers; electric, lava rock, mesquite or gas-radiant char-broilers; and woks.
- 1.3.3 The system shall be the pre-engineered type having minimum and maximum guidelines established by the manufacturer and listed by Underwriters Laboratories (UL/ULC).
- 1.3.4 The system shall be installed and serviced by personnel trained by the manufacturer.
- 1.3.5 The system shall be capable of protecting cooking appliances by utilizing either dedicated appliance protection and/or overlapping appliance protection.

1.4 Quality Control

- 1.4.1 Manufacturer: The R-102 Restaurant Fire Suppression System shall be manufactured by a company with at least forty years experience in the design and manufacture of pre-engineered fire suppression systems. The manufacturer shall be ISO 9001 registered.
- 1.4.2 Certificates: The wet agent shall be a specially formulated, aqueous solution of organic salts with a pH range between 7.7 – 8.7, designed for flame knock-down and foam securement of grease-related fires.

1.5 Warranty, Disclaimer, and Limitations

- 1.5.1 The pre-engineered restaurant fire suppression system components shall be warranted for five years from date of delivery against defects in workmanship and material.

1.6 Delivery

- 1.6.1 Packaging: All system components shall be securely packaged to provide protection during shipment.

1.7 Environmental Conditions

- 1.7.1 The R-102 system shall be capable of operating within a temperature range of 32 °F to 130 °F (0 °C to 54 °C).

2.0 PRODUCT

2.1 Manufacturer

- 2.1.1 Tyco Fire Suppression & Building Products, One Stanton Street, Marinette, Wisconsin 54143-2542, Telephone (715) 735-7411.

2.2 Components

- 2.2.1 The basic system shall consist of an ANSUL AUTOMAN regulated release assembly which includes a regulated release mechanism and a wet chemical storage tank housed within a single enclosure. Nozzles, blow-off caps, detectors, cartridges, agent, fusible links, and pulley elbows shall be supplied in separate packages in the quantities needed for fire suppression system arrangements. Additional equipment shall include remote manual pull station, mechanical and electrical gas valves, and electrical switches for automatic equipment and gas line shut-off, and building fire alarm control panel interface.
- 2.2.2 Wet Chemical Agent: The extinguishing agent shall be a specially formulated, aqueous solution of organic salts with a pH range between 7.7 – 8.7, designed for flame knockdown and foam securement of grease related fires.
- 2.2.3 Agent Tank: The agent tank shall be installed in a stainless steel enclosure or wall bracket. The tank shall be constructed of stainless steel. Tanks shall be available in two sizes; 1.5 gallon (5.7 L) and 3.0 gallon (11.4 L). The tank shall have a working pressure of 110 psi (7.6 bar), a test pressure of 330 psi (22.8 bar), and a minimum burst pressure of 660 psi (45.5 bar). The tank shall include an adaptor/tube assembly containing a burst disc union.
- 2.2.4 Regulated Release Mechanism: The regulated release mechanism shall be a spring-loaded, mechanical/pneumatic type capable of providing the expellant gas supply to one or two agent tanks depending on the capacity of the gas cartridge used or three 3.0 gallon (11.4 L) agent storage tanks in certain applications. It shall contain a factory installed regulator deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar).
It shall have the following actuation capabilities: automatic actuation by a fusible link detection system and remote manual actuation by a mechanical pull station.
The regulated release mechanism shall contain a release assembly, regulator, expellant gas hose, and agent storage tank housed in a stainless steel enclosure with cover. The enclosure shall contain knock-outs for 1/2 in. conduit. The cover shall contain an opening for a visual status indicator.
It shall be compatible with mechanical gas shut-off devices; or, when equipped with a field or factory-installed switch(es), it shall be compatible with electric gas line or appliance shut-off devices, or connections to a building fire alarm control panel.
- 2.2.5 Regulated Actuator Assembly: When more than two agent tanks or three agent tanks in certain applications are required, the regulated actuator shall be available to provide expellant gas for additional tanks. It shall be connected to the cartridge receiver outlet of the regulated release mechanism providing simultaneous agent discharge. The regulator shall be deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar). The regulated actuator assembly shall contain an actuator, regulator, expellant gas hose, and agent tank housed in a stainless steel enclosure with cover. The enclosure shall contain knockouts to permit installation of the expellant gas line.
- 2.2.6 Discharge Nozzles: Each discharge nozzle shall be tested and listed with the R-102 system for a specific application. Nozzles tips shall be stamped with the flow number designation (1/2, 1, 2, or 3). Each nozzle shall have a metal or rubber blow-off cap to keep the nozzle tip orifice free of cooking grease build-up.

SPECIFICATIONS

2.0 PRODUCT (Continued)

2.2 Components (Continued)

- 2.2.7 Distribution Piping: Distribution piping shall be Schedule 40 black iron, chrome-plated, or stainless steel conforming to ASTM A120, A53, or A106.
- 2.2.8 Detectors: The detectors shall be the fusible link style designed to separate at a specific temperature.
- 2.2.9 Cartridges: The cartridge shall be a sealed steel pressure vessel containing either carbon dioxide or nitrogen gas. The cartridge seal shall be designed to be punctured by the releasing device supplying the required pressure to expel wet chemical agent from the storage tank.
- 2.2.10 Agent Distribution Hose: An optional agent distribution hose shall be available for kitchen appliances manufactured with or resting on casters (wheels/rollers). This shall allow the appliance to be moved for cleaning purposes without disconnecting the appliance fire suppression protection. Hose assembly shall include a restraining cable kit to limit the appliance movement within the range (length) of the flexible hose.
- 2.2.11 Flexible Conduit: The manufacturer supplying the Restaurant Fire Suppression System shall offer flexible conduit as an option to rigid EMT conduit for the installation of pull stations and/or mechanical gas valves. The flexible conduit shall be UL Listed and include all approved components for proper installation.
- 2.2.12 Pull Station Assembly: The Fire Suppression System shall include a remote pull station for manual system actuation. The pull station shall be designed to include a built-in guard to protect the pull handle. The pull station shall also be designed with a pull handle to allow for three finger operation and shall be red in color for quick visibility.

3.0 IMPLEMENTATION

3.1 Installation

- 3.1.1 The R-102 fire suppression system shall be designed, installed, inspected, maintained, and recharged in accordance with the manufacturer's listed instruction manual.

3.2 Training

- 3.2.1 Training shall be conducted by representatives of the manufacturer.

► Indicates revised information

ANSUL, ANSUL AUTOMAN, and R-102 are trademarks of Tyco Fire Suppression & Building Products or its affiliates.

Specification

SelfCookingCenter® whiteefficiency® 202 E (20 x 18" x 26"/40 x 12" x 20")

reference number:



SelfCookingControl® - 7 operating modes



Function - Automatic-Mode

In the 7 operating modes, the unit's process automatically detects product-specific requirements, the size of the food to be cooked and the load size. Cooking time, temperature and the ideal cooking cabinet climate are continuously adjusted to achieve the result you want. The estimated remaining cooking time is displayed.

Combi-Steamer mode



Steam between 85-265 °F (30-130 °C)



Hot-air from 85-575 °F (30-300 °C)



Combination of steam and hot-air 85-575 °F (30-300 °C)

HiDensityControl®



patented distribution of the energy in the cooking cabinet

Efficient LevelControl® ELC®



Mixed loads with individual rack monitoring and load-specific time adjustment for every rack

CareControl



Intelligent cleaning and care system

Description

- Cooking appliance for automatically cooking (Automatic mode) meat, poultry, fish, side dishes/vegetables, egg dishes/desserts, bakery products and for automatic finishing®. With an intelligent system for optimizing mixed loads in production and in à la carte service as well as a fully-automatic cleaning and care system.
- Hot-air steamer (combi-steamer mode) conforming to DIN 18866 for most of the cooking methods used in commercial kitchens for the optional use of steam and hot-air, individually, in succession or in combination.

Working safety

- Detergent and Care® tabs (solid detergents) for optimum working safety
- HACCP data output and software update via integral USB port
- Safety temperature limiter for steam generator and hot-air heating
- Maximum rack height 5 ¼ ft. (1.60 m)
- Integral fan impeller brake

Operation

- Self-teaching operation, automatically adapts to actual usage
- MyDisplay – Self-configurable, user-specific operating display (images, text, etc.)
- 8.5" TFT color monitor and touch screen with self-explanatory symbols for ease of operation
- Application and user manuals can be called up on the unit display for the current actions

Cleaning, care and operational safety

- Automatic cleaning and care system for cooking cabinet and steam generator works regardless of the water pressure supplied
- 7 cleaning stages for unsupervised cleaning and care - even overnight
- Automatic cleaning and descaling of the steam generator
- Automatic cleaning prompts indicating the cleaning stage and volume of chemicals in relation to the level of soiling
- Soiling and care status are displayed on the monitor
- Diagnostic system with automatic service notices displayed
- Self-Test function for actively checking unit's functions

Features

- Core temperature probe using 6 measuring points with automatic error correction. Positioning aid for core temperature probe included
- Climate management - humidity measured, set and regulated to one percent accuracy. Actual humidity in the cooking cabinet can be set and read on the control panel in Combi-Steamer modes
- Individual Programming of at least 350 cooking programs with up to 12 steps
- Humidification variable in 3 stages from 85-525 °F (30-260 °C) in hot-air or combination modes
- USB Interface
- High-performance, fresh-steam generator with automatic descaling
- 5 fan air speeds, programmable
- Integral, maintenance-free grease extraction system with no additional grease filter
- Operation without a water softener and without additional descaling
- Cool-down function for fast cabinet fan cooling
- Automatic adaptation to the installation location (height, climate, etc.)
- Unit door with rear-ventilated double-glass panel and hinged inner panel
- Mobile oven rack (rail spacing 2 1/2 " (63 mm)) with tandem castors, wheel diameter 5" (125 mm)
- Cooking cabinet door with integral sealing mechanism
- Material inside and out DIN 1.4301 stainless steel
- Fixed waste water connection conforming to SVGW requirements where permitted
- Splash and hose-proof to IPX 5
- Demand-related energy supply
- Lengthwise loading for 2/1, 1/1 GN accessories
- Separate solenoid valves for soft and filtered water
- Hand shower with automatic retracting system
- 5 programmable proofing stages
- Automatic, pre-selected starting time with adjustable date and time

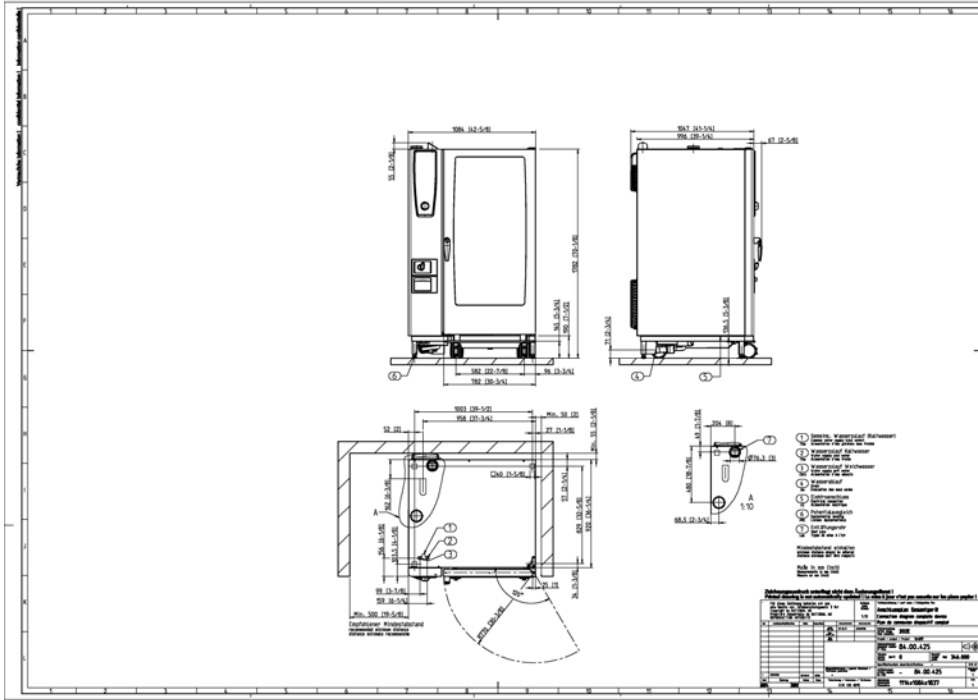
Approvals



Planner:

Specification/Data sheet

SelfCookingCenter® whiteefficiency® 202 E (20 x 18" x 26"/40 x 12" x 20")



1. Common water supply (cold water) "Single" water connection as shipped
2. Water supply cold water / condensate "Split" water connection
3. Water supply cold / Treated "Split" water connection
4. Drain 2" OD
5. Electrical connection wire entrance
6. Chassis Ground connection
7. Steam Vent pipe 3" (78mm)
11. Minimum Clearance 2" (50 mm)
12. Left side clearance 20" recommended for servicing of unit without the ability to move unit while connected.
13. Measurements in mm (inch)

Technical Info

<p>Capacity (steam pans): 40x12"x20" Capacity (half-size sheet pans): - Full-size sheet pans: 20x18"x26" Capacity (GN-container/grids): 20 x 2/1 GN / 40 x 1/1 GN Lengthwise loading for: 2/1, 1/1 GN Number of meals per day: 300-500 Width: 42 5/8" (1,084 mm) Depth: 39 1/4" (996 mm) Height: 70 1/4" (1,782 mm) Water connection (pressure hose): 3/4"NPS for 1/2" ID pressure hose (NPS female to Garden Hose male adapters included) Water pressure (flow pressure): 21 – 87 psi appr 5 gpm maximum flow Note Water Drain: Connect to drinking water only Note: Connect only to 2" steam temperature resistant pipe</p>	<p>Water drain: 2" (50mm) O.D. (outside diameter) Non-Threaded stainless outlet. Coupling adapter included for attachment to 2" copper. Connected load: 68 kW "Steam" connection: 54 kW "Hot-air" connection: 66 kW Note: Dedicated circuit breaker required. Do not use fuses. Dedicated ground wire required. Weight (net): 732 lbs (332 kg) Weight (gross): 766 lbs (347.5 kg) Cubing packing: 107.4 cu.ft. (3.04 m³) Freight class: 85, F.O.B.</p>	<table border="0"> <thead> <tr> <th>Mains connection</th> <th>Breaker Size / (amp draw)</th> <th>Cable cross-section</th> </tr> </thead> <tbody> <tr> <td>3 AC208 V</td> <td>3x200A (186 amps)</td> <td>4/0</td> </tr> <tr> <td>3 AC480 V</td> <td>3x110A (99 amps)</td> <td>#3</td> </tr> <tr> <td>3 AC240 V</td> <td>3x250A (219 amps)</td> <td>3/0</td> </tr> <tr> <td>3 AC440 V</td> <td>3x100A (83,9 amps)</td> <td>#2</td> </tr> </tbody> </table> <p>Other voltages on request</p>	Mains connection	Breaker Size / (amp draw)	Cable cross-section	3 AC208 V	3x200A (186 amps)	4/0	3 AC480 V	3x110A (99 amps)	#3	3 AC240 V	3x250A (219 amps)	3/0	3 AC440 V	3x100A (83,9 amps)	#2
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3 AC440 V	3x100A (83,9 amps)	#2															

Installation

- The left hand clearance must be a minimum of 14" (350mm) if heat sources are affecting the left side of the unit
- Installations must comply with all local electrical, plumbing and ventilation codes

Options

- Marine version
- Security version/prison version
- Sous-Vide core temperature probe
- Interface Ethernet
- Safety door lock
- Externally attached core temperature probe
- Mobile oven rack
- Lockable control panel
- Special voltages

Accessories

- GN Containers, Trays, Grids
- Thermocover
- KitchenManagement System
- Heat shield for left hand side panel
- Superspike (poultry grids), CombiGrill®
- Special Cleaner tablets and care tabs
- Ramp for mobile oven rack
- Lamb and suckling pig spit
- Mobile plate rack

Specification

Combi-Duo Mobile SelfCookingCenter® whiteefficiency® 61 E on 101 E (16 x 1/1 GN) (16 x 12" x 20"/16 X 13" x 18")

reference number:



SelfCookingControl® - 7 operating modes



Function - Automatic-Mode

In the 7 operating modes, the unit's process automatically detects product-specific requirements, the size of the food to be cooked and the load size. Cooking time, temperature and the ideal cooking cabinet climate are continuously adjusted to achieve the result you want. The estimated remaining cooking time is displayed.

Combi-Steamer mode



Steam between 85-265 °F (30-130 °C)



Hot-air from 85-575 °F (30-300 °C)



Combination of steam and hot-air 85-575 °F (30-300 °C)

HiDensityControl®



patented distribution of the energy in the cooking cabinet

Efficient LevelControl® ELC®



Mixed loads with individual rack monitoring and load-specific time adjustment for every rack

CareControl



Intelligent cleaning and care system

Description

- 2 individual units for the automatic cooking (Automatic-Mode) meat, poultry, fish, side dishes/vegetables, egg dishes/desserts, bakery products and for automatic finishing®. With an intelligent system for optimizing mixed loads in production and in à la carte service as well as a fully-automatic cleaning and care system.
- 2 individual units (Combi-Steamer Mode) for most cooking methods, with optional use of steam and hot-air, separately, sequentially or combined.

Working safety

- Detergent and Care® tabs (solid detergents) for optimum working safety
- HACCP data output and software update via integral USB port
- Safety temperature limiter for steam generator and hot-air heating
- Integral fan impeller brake

Combi-Duo / Stacking Kit

- 4 heavy-duty casters, 2 with brakes; intermediate frame between the units . Combi-Duo / Stacking Kit Article number 60.71.927

Operation

- Self-teaching operation, automatically adapts to actual usage
- MyDisplay – Self-configurable, user-specific operating display (images, text, etc.)
- 8.5" TFT color monitor and touch screen with self-explanatory symbols for ease of operation
- Application and user manuals can be called up on the unit display for the current actions

Cleaning, care and operational safety

- Automatic cleaning and care system for cooking cabinet and steam generator works regardless of the water pressure supplied
- 7 cleaning stages for unsupervised cleaning and care - even overnight
- Automatic cleaning and descaling of the steam generator
- Automatic cleaning prompts indicating the cleaning stage and volume of chemicals in relation to the level of soiling
- Soiling and care status are displayed on the monitor
- Diagnostic system with automatic service notices displayed
- Self-Test function for actively checking unit's functions

Features

- Core temperature probe using 6 measuring points with automatic error correction. Positioning aid for core temperature probe included
- Climate management - humidity measured, set and regulated to one percent accuracy. Actual humidity in the cooking cabinet can be set and read on the control panel in Combi-Steamer modes
- Individual Programming of at least 350 cooking programs with up to 12 steps
- USB Interface
- High-performance, fresh-steam generator with automatic descaling
- 5 fan air speeds, programmable
- Integral, maintenance-free grease extraction system with no additional grease filter
- Operation without a water softener and without additional descaling
- Separate solenoid valves for soft and filtered water
- Cool-down function for fast cabinet fan cooling
- Automatic adaptation to the installation location (height, climate, etc.)
- Unit door with rear-ventilated double-glass panel and hinged inner panel
- Removable, swivelling grid shelves (distance between rails 2 5/8" (68 mm))
- Material inside and out DIN 1.4301 stainless steel
- Fixed waste water connection conforming to SVGW requirements where permitted
- Splash and hose-proof to IPX 5
- Demand-related energy supply
- Lengthwise loading for 1/1, 1/2, 2/3, 1/3, 2/8 GN accessories
- 5 programmable proofing stages
- Automatic, pre-selected starting time with adjustable date and time
- Humidification variable in 3 stages from 85-525 °F (30-260 °C) in hot-air or combination modes
- Hand shower with automatic retracting system

Approvals



Planner:



Profit from the Eagle Advantage®

Specification Sheet

Short Form Specifications

Eagle Panco® Multiple Purpose Racks, model _____ . Extruded aluminum upright frame with angular keyhole slots on 2½" centers. Adjustable universal slides with special wide lip. Top and bottom slides are welded to uprights, remaining slides on 2½" centers. Furnished with 5"-diameter casters. Shipped assembled.



multiple purpose rack
model #MPR-12

Options / Accessories

- Casters with locking brakes
- Pan stops
- Extra universal angle slides
- Rotary bumpers

EAGLE GROUP

100 Industrial Boulevard, Clayton, DE 19938-8903 USA
Phone: 302-653-3000 • Fax: 302-653-2065
www.eaglegrp.com

Foodservice Division: Phone 800-441-8440

MHC/Retail Display Divisions: Phone 800-637-5100

For custom configuration or fabrication needs, contact our SpecFAB® Division.

Phone: 302-653-3000 • Fax: 302-653-3091 • e-mail: specfab@eaglegrp.com

Item No.:	_____
Project No.:	_____
S.I.S. No.:	_____

Panco® Multiple Purpose Racks

MODELS:

- MPR-10
- MPR-12

Design and Construction Features

- Frame: 0.100" (3mm) extruded aluminum uprights with angular keyhole slots on 2½" (64mm) centers, to accept slides 0.100" (3mm) aluminum channel across top and bottom, all-welded construction.
- Slides: 0.100" (3mm) aluminum, formed with special wide lip and supplied with shoulder rivet, for connection in keyhole slots. Top and bottom slides are welded to uprights (non-removable), remaining slides are adjustable on 2½" (64mm) centers.
- Casters: 5" (127mm)-diameter NSF-approved, non-marking rubber tired wheels on swivel stem plated casters.
- Shipped assembled.



EG60.10 Rev. 08/08

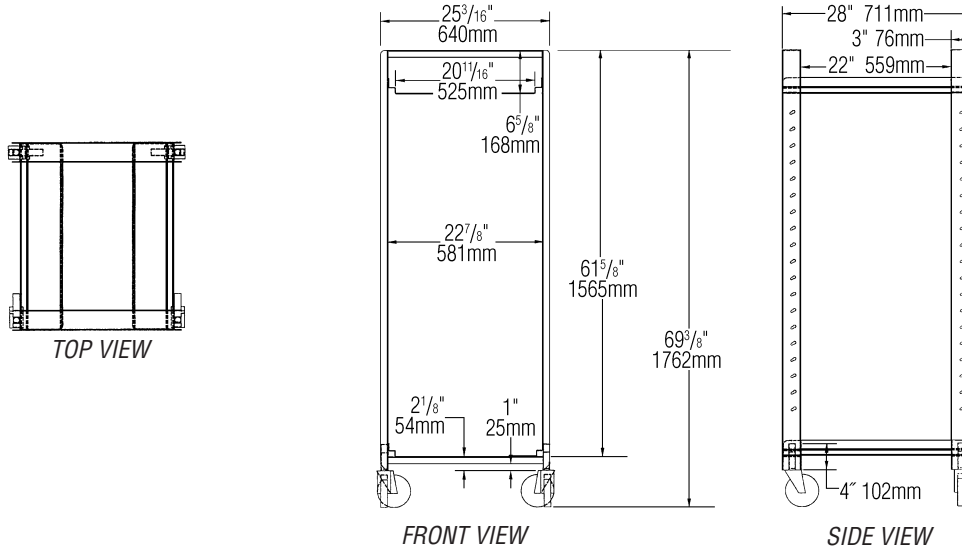
Spec sheets available for viewing, printing or downloading from our online literature library at www.eaglegrp.com



Profit from the Eagle Advantage®

Item No.: _____
 Project No.: _____
 S.I.S. No.: _____

Panco® Multiple Purpose Racks



(model #MPR-12 shown)

model #	overall dimensions						weight		universal slides supplied
	width		depth		height		lbs.	kg	
MPR-10	25 ³ / ₁₆ "	640	28"	711	69 ⁵ / ₈ "	1762	71	32.2	10 sets
MPR-12	25 ³ / ₁₆ "	640	28"	711	69 ⁵ / ₈ "	1762	81	36.7	12 sets

width			depth			height					
in.	mm		in.	mm		in.	mm				
10 ⁷ / ₈ "	276	19 ³ / ₄ "	502	2 ¹ / ₄ "	57	22 ¹ / ₂ "	571	20 ¹ / ₂ "	521	6 ¹ / ₂ "	165
10 ⁷ / ₈ "	276	19 ³ / ₄ "	502	3 ¹ / ₂ "	89	20"	508	22"	559	1 ¹ / ₄ "	32
11 ¹ / ₈ "	302	20"	508	6 ¹ / ₂ "	165	20"	508	22"	559	2 ¹ / ₄ "	57
12"	305	20"	508	2 ¹ / ₂ "	64	20"	508	22"	559	3 ¹ / ₂ "	89
12"	305	20"	508	4"	102	18"	457	26"	660	1"	25
12"	305	20"	508	6"	152	18"	457	26"	660	2 ³ / ₁₆ "	56
12"	305	18"	457	2 ¹ / ₂ "	64	18"	457	26"	660	3 ¹ / ₂ "	89
12"	305	18"	457	4"	102	18"	457	26"	660	4"	102
12"	305	18"	457	6"	152	18"	457	26"	660	-	-
14"	305	18"	457	-	-	18"	457	13"	330	1"	25
15"	381	20"	508	-	-	18"	457	13"	330	4"	102
20"	508	20"	508	-	-						

EAGLE GROUP
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Foodservice Division: Phone 800-441-8440
 MHC/Retail Display Divisions: Phone 800-637-5100

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HOBART701 S Ridge Avenue, Troy, OH 45374
1-888-4HOBART • www.hobartcorp.com**LEGACY®
HL600 MIXER****HOBART****STANDARD FEATURES**

- Heavy-Duty 2.7 H.P. Motor
- Gear Transmission
- Four Fixed Speeds Plus Stir Speed
- Shift-on-the-Fly™ Controls
- Patented soft start Agitation Technology
- 50-Minute SmartTimer™
- Automatic Time Recall
- Large, Easy-To-Reach Controls
- Single Point Bowl Installation
- Ergonomic Swing-Out Bowl
- Power Bowl Lift
- #12 Taper Attachment Hub
- Open Base
- Stainless Steel Bowl Guard
- Metallic Gray Hybrid Powder Coat Finish

ACCESSORY PACKAGES - featuring Hobart Quick Release™ Agitators

- Deluxe Accessory Package Includes:**
 - 60 Quart Stainless Steel Bowl
 - 60 Quart "B" Beater
 - 60 Quart "D" Wire Whip
 - 60 Quart "ED" Dough Hook
 - 60 Quart Bowl Scraper
 - 60 Quart Bowl Truck
 - 60 Quart Ingredient Chute
- Standard Accessory Package Includes:**
 - 60 Quart Stainless Steel Bowl
 - 60 Quart "B" Beater
 - 60 Quart "D" Wire Whip
 - 60 Quart "ED" Dough Hook

MODELS

- HL600 – 60-Quart All Purpose Mixer
- HL600C – 60-Quart All Purpose Mixer with Maximum Security Correctional Package

Specifications, Details and Dimensions on Inside and Back.

**LEGACY® HL600 MIXER**

LEGACY® HL600 MIXER



701 S Ridge Avenue, Troy, OH 45374
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SOLUTIONS/BENEFITS

2.7 H.P. Motor

Durability

- Heavy-duty to meet the most demanding operations

Gear Transmission

Durability, Reliability

- Ensures consistent performance and minimum downtime under heavy loads

Four Fixed Speeds plus Stir Speed

Flexibility, Reliability, Consistency

- For incorporating, blending, mixing ingredients
- Supports consistent results and thorough mixing

Shift-on-the-Fly™ Controls

Flexibility

- Allows operator to change speeds while mixer is running

Patented soft start Agitation Technology

Sanitation

- Each speed has a soft transition into a higher speed to reduce the chances of product splash-out

50-Minute SmartTimer™

Convenience, Ease of Use, Consistency

- Supports recipe mixing times
- Provides accurate results and eliminates overmixing

Automatic Time Recall

Productivity, Consistency

- Remembers the last time set for each speed
- Great for multiple batches

Ergonomic Swing-Out Bowl

Ease of Use, Convenience

- Easy loading and unloading of products
- Single Point Bowl Installation allows for simple mounting and removal of bowl
- Bowl Lock ensures mixer bowl is properly in place for mixer to operate

Stainless Steel Bowl Guard

Protection

- Safety interlock prevents operation when front portion of guard is out of position

Hobart Accessories

Durability, Flexibility, Simplicity

- Hobart Quick Release™ agitators allow for simple installation and removal from agitator shaft
- Hobart accessories are designed for long-term usage under heavy-duty conditions
- Large array of accessories provide multiple uses for recipe and product processing

HL600 MIXER CAPACITY CHART

Recommended Maximum Capacities - dough capacities based on 70°F. water and 12% flour moisture.

PRODUCT	AGITATORS SUITABLE FOR OPERATION	HL600
CAPACITY OF BOWL (QTS. LIQUID)		60
Egg Whites	D	2 qts.
Mashed Potatoes	B & C	40 lbs.
Mayonnaise (Qts. of Oil)	B or C or D	18 qts.
Meringue (Qts. of Water)	D	1½ qts.
Waffle or Hot Cake Batter	B	24 qts.
Whipped Cream	D or C	12 qts.
Cake, Angel Food (8-10 oz. cake)	C or I	45
Cake, Box or Slab	B or C	50 lbs.
Cake, Cup	B or C	60 lbs.
Cake, Layer	B or C	60 lbs.
Cake, Pound	B	55 lbs.
Cake, Short (Sponge)	C or I	45 lbs.
Cake, Sponge	C or I	36 lbs.
Cookies, Sugar	B	40 lbs.
Dough, Bread or Roll (Lt.-Med.) 60% AR §	ED	80 lbs.*
Dough, Heavy Bread 55% AR §	ED	60 lbs.*
Dough Pie	B & P	50 lbs.
Dough, Thin Pizza 40% AR (max. mix time 5 min.) §‡	ED	40 lbs.□
Dough, Med. Pizza 50% AR §‡	ED	70 lbs.□
Dough, Thick Pizza 60% AR §‡	ED	70 lbs.*
Dough, Raised Donut 65% AR	ED	30 lbs.†
Dough, Whole Wheat 70% AR	ED	70 lbs.
Eggs & Sugar for Sponge Cake	B & C or I	24 lbs.
Icing, Fondant	B	36 lbs.
Icing, Marshmallow	C or I	5 lbs.
Shortening & Sugar, Creamed	B	48 lbs.
Pasta, Basic Egg Noodle (max. mix time 5 min.)	ED	30 lbs.

NOTE: % AR (% Absorption Ratio) - Water weight divided by flour weight. Capacity depends on moisture content of dough. Above capacities based on 12% flour moisture at 70°F water temperature.

□ 1st Speed

* 2nd Speed

† 3rd Speed

§ If high gluten flour is used, reduce above dough batch size by 10%.

‡ 2nd Speed should never be used on 50% AR or lower products.

USE OF ICE REQUIRES A 10% REDUCTION IN BATCH SIZE.

1 gallon of water weighs 8.33 lbs.

NOTE: Attachment hub should not be used while mixing.



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LEGACY® HL600 MIXER

SPECIFICATIONS

MOTOR:

2.7 H.P. high torque motor.

200-240/50/60/3/1	18.0 (1 Phase) Amps
	10.0 (3 Phase) Amps
380-460/50/60/3	6.5 Amps

ELECTRICAL:

200-240/50/60/3/1, 380-460/50/60/3 – UL Listed.

CONTROLS:

Magnetic contactor with thermal overload protection. Internally sealed “Start-Stop” and Power Bowl Lift push buttons. Reduced voltage pilot circuit transformer is supplied for 380-460/50/60/3 machines. A 50-minute SmartTimer™ is standard. SmartTimer™ includes **Automatic Time Recall**, which remembers the last time set for each speed.

TRANSMISSION:

A rated 5.4 H.P. poly-V belt transfers power from motor to the input shaft then geared down to desired reduction with a constant gear mesh. Gears and shafts are heat-treated hardened alloy steel along with anti-friction ball bearings. Circulating oil and grease lubricants furnished to all gears and shafts.

SPEEDS:

	Agitator (RPM)	Attachment (RPM)
Stir	36	71
First	71	138
Second	123	241
Third	206	401
Fourth	362	707

BOWL GUARD:

Heavy-duty stainless steel wire front and solid stainless steel rear portion. Front portion of guard rotates easily to add ingredients and install or remove agitator. It detaches in seconds for cleaning in dishwasher or sink. Rear portion of guard can be quickly cleaned in position. Guard must be in closed position before mixer will operate. Bowl support interlock provides further protection.

POWER BOWL LIFT:

Powered by an electric motor, the bowl may be raised or lowered by fingertip control through the conveniently located switch. Bowl will remain in position until switch is activated. **Stir-on-Lift Feature:** Allows the agitator to run in Stir Speed while the mixer bowl is being raised. Once the bowl is in the raised position, the mixer automatically shifts into the preselected speed.

FINISH:

Metallic Gray Hybrid Powder Coat finish.

FOOTPADS:

Neoprene footpads are standard.

ATTACHMENT HUB:

Comes with front-mounted Hobart standard #12 taper attachment hub for use with #12 size attachments.

ATTACHMENTS AND ACCESSORIES:

The following are available at extra cost:

- | | |
|--------------------------|-------------------------|
| Stainless Steel Bowl | Bowl Splash Cover |
| “B” Flat Beater | Bowl Scraper |
| “C” Wing Whip | Bowl Truck |
| “D” Wire Whip | 40 Quart Accessories |
| “ED” Dough Hook | Ingredient Chute |
| “P” Pastry Knife | 9" Vegetable Slicer |
| “I” Heavy Duty Wire Whip | Meat Chopper Attachment |
| Bowl Extension Ring | |



Hobart Bowl Scraper

Hobart Ingredient Chute



Listed by Underwriters Laboratories Inc. and certified by NSF International.

LEGACY® HL600 MIXER



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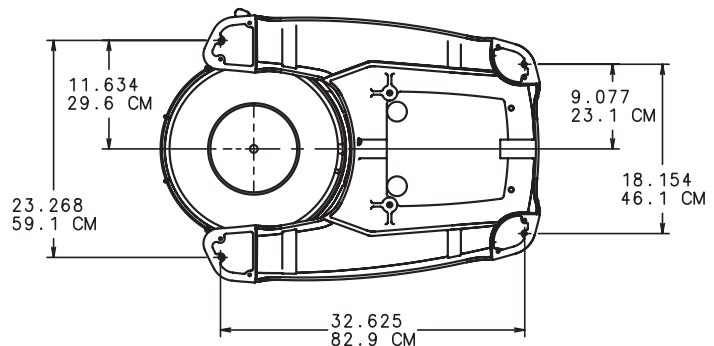
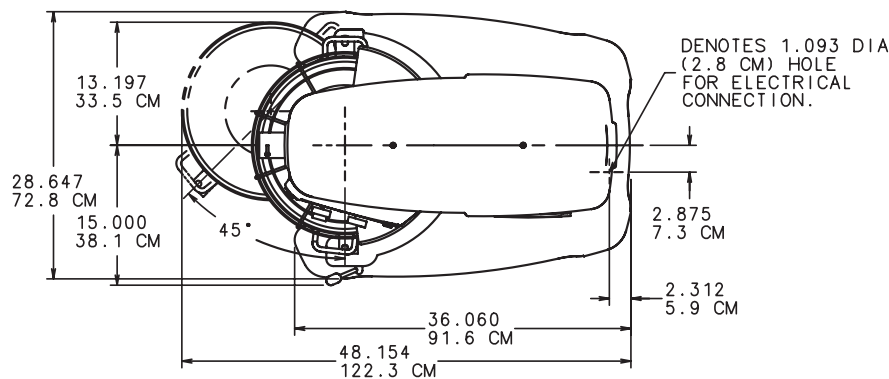
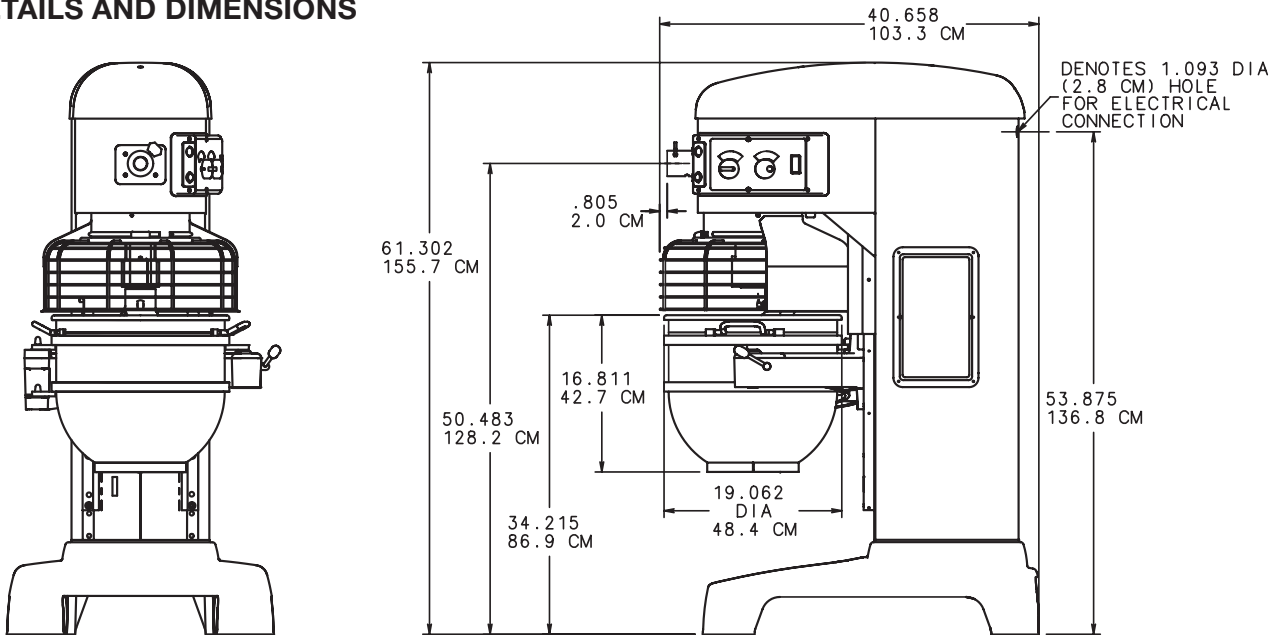
SPECIFICATIONS

ELECTRICAL SPECIFICATIONS: 200-240/50/60/3/1,
380-460/50/60/3 – UL Listed.

WEIGHT: 866 lbs. net; 916 lbs. domestic shipping.

WARRANTY: Unit has full one-year warranty on parts,
labor and mileage against manufacturer's defects.
Service contracts are available.

DETAILS AND DIMENSIONS



WARNING

ELECTRICAL AND GROUNDING CONNECTIONS
MUST COMPLY WITH THE APPLICABLE
PORTIONS OF THE NATIONAL ELECTRICAL
CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

STANDARD MODEL :

NET WT (BOWL INCLUDED) 905 LBS (411.4 KG).
DOMESTIC SHIPPING WT (BOWL INCLUDED) 955 LBS (434.1 KG).
BOWL WT 39 LBS (17.7 KG)-REF

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.



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LEGACY® HL120 MIXER



STANDARD FEATURES

- Heavy-Duty ½ H.P. Motor
- Gear Transmission
- Three Fixed Speeds Plus Stir Speed
- Shift-on-the-Fly™ Controls
- Patented soft start Agitation Technology
- 15-Minute SmartTimer™
- Automatic Time Recall
- Large, Easy-To-Reach Controls
- Single Point Bowl Installation
- Ergonomic Swing-Out Bowl
- #12 Taper Attachment Hub
- Open Base
- Stainless Steel Bowl Guard
- Metallic Gray Hybrid Powder Coat Finish

MODEL

- HL120 – 12-Quart All Purpose Mixer

Specifications, Details and Dimensions on Inside and Back.



ACCESSORY PACKAGES - featuring Hobart Quick Release™ Agitators

- Deluxe Accessory Package Includes:**
 - 12 Quart Stainless Steel Bowl
 - 12 Quart “B” Beater
 - 12 Quart “D” Wire Whip
 - 12 Quart Bowl Scraper
 - 12 Quart Ingredient Chute
- Standard Accessory Package Includes:**
 - 12 Quart Stainless Steel Bowl
 - 12 Quart “B” Beater
 - 12 Quart “D” Wire Whip



LEGACY® HL120 MIXER

LEGACY® HL120 MIXER



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SOLUTIONS/BENEFITS

½ H.P. Motor

Durability

- Heavy-duty to meet the most demanding operations

Gear Transmission

Durability, Reliability

- Ensures consistent performance and minimum downtime under heavy loads

Three Fixed Speeds plus Stir Speed

Flexibility, Reliability, Consistency

- For incorporating, blending, mixing ingredients
- Supports consistent results and thorough mixing

Shift-on-the-Fly™ Controls

Flexibility

- Allows operator to change speeds while mixer is running

Patented soft start Agitation Technology

Sanitation

- Each speed has a soft transition into a higher speed to reduce the chances of product splash-out

15-Minute SmartTimer™

Convenience, Ease of Use, Consistency

- Supports recipe mixing times
- Provides accurate results and eliminates overmixing

Automatic Time Recall

Productivity, Consistency

- Remembers the last time set for each speed
- Great for multiple batches

Ergonomic Swing-Out Bowl

Ease of Use, Convenience

- Easy loading and unloading of products
- Single Point Bowl Installation allows for simple mounting and removal of bowl
- Bowl Interlock ensures mixer bowl is properly in place for mixer to operate

Stainless Steel Bowl Guard

Protection

- Safety interlock prevents operation when front portion of guard is out of position

Hobart Accessories

Durability, Flexibility, Simplicity

- Hobart Quick Release™ agitators allow for simple installation and removal from agitator shaft
- Hobart accessories are designed for long-term usage under heavy-duty conditions
- Large array of accessories provide multiple uses for recipe and product processing

HL120 MIXER CAPACITY CHART

Recommended Maximum Capacities - dough capacities based on 70°F. water and 12% flour moisture.

PRODUCT	AGITATORS SUITABLE FOR OPERATION	HL120
CAPACITY OF BOWL (QTS. LIQUID)		12
Egg Whites	D	1¼ pts.
Mashed Potatoes	B & C	10 lbs.
Mayonnaise (Qts. of Oil)	B or C or D	4½ qts.
Meringue (Qts. of Water)	D	¾ pts.
Waffle or Hot Cake Batter	B	5 qts.
Whipped Cream	D or C	2½ qts.
Cake, Angel Food (8-10 oz. cake)	C or I	7
Cake, Box or Slab	B or C	12 lbs.
Cake, Cup	B or C	12 lbs.
Cake, Layer	B or C	12 lbs.
Cake, Pound	B	12 lbs.
Cake, Short (Sponge)	C or I	8 lbs.
Cake, Sponge	C or I	6½ lbs.
Cookies, Sugar	B	10 lbs.
Dough, Bread or Roll (Lt.-Med.) 60% AR	§ ED	13 lbs.□
Dough, Heavy Bread 55% AR	§ ED	8 lbs.□
Dough Pie	B & P	11 lbs.
Dough, Thin Pizza 40% AR (max. mix time 5 min.)	§‡ ED	5 lbs.□
Dough, Med. Pizza 50% AR	§‡ ED	6 lbs.□
Dough, Thick Pizza 60% AR	§‡ ED	11 lbs.□
Dough, Raised Donut 65% AR	ED	4 lbs.*
Dough, Whole Wheat 70% AR	ED	11 lbs.□
Eggs & Sugar for Sponge Cake	B & C or I	5 lbs.
Icing, Fondant	B	7 lbs.
Icing, Marshmallow	C or I	1¼ lbs.
Shortening & Sugar, Creamed	B	9½ lbs.
Pasta, Basic Egg Noodle (max. mix time 5 min.)	ED	—

NOTE: % AR (% Absorption Ratio) - Water weight divided by flour weight. Capacity depends on moisture content of dough. Above capacities based on 12% flour moisture at 70°F water temperature.

□ 1st Speed

* 2nd Speed

† 3rd Speed

§ If high gluten flour is used, reduce above dough batch size by 10%.

‡ 2nd Speed should never be used on 50% AR or lower products.

USE OF ICE REQUIRES A 10% REDUCTION IN BATCH SIZE.

1 gallon of water weighs 8.33 lbs.

NOTE: Attachment hub should not be used while mixing.



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LEGACY® HL120 MIXER

SPECIFICATIONS

MOTOR:

½ H.P. high torque motor.

100-120/50/60/1 8.0 Amps
200-240/50/60/1 5.0 Amps

ELECTRICAL:

100-120/50/60/1, 200-240/50/60/1 – UL Listed.

CONTROLS:

Magnetic contactor with thermal overload protection. Internally sealed “Start-Stop” push buttons. A 15-minute SmartTimer™ is standard. SmartTimer™ includes **Automatic Time Recall**, which remembers the last time set for each speed.

TRANSMISSION:

Gear-driven. Gears are constant mesh heat-treated hardened alloy steel along with anti-friction ball bearings. Grease lubricants furnished to all gears and shafts.

SPEEDS:

	Agitator (RPM)	Attachment (RPM)
Stir	59	33
First (Low)	107	61
Second (Intermediate)	198	113
Third (High)	365	207

BOWL GUARD:

Heavy-duty stainless steel wire front and solid rear portion. Front portion of guard rotates easily to add ingredients and install or remove agitator. It detaches in seconds for cleaning in dishwasher or sink. Rear portion of guard can be quickly cleaned in position. Guard must be in closed position before mixer will operate. Bowl support interlock provides further protection.

BOWL LIFT:

Ergonomic style, hand crank operated, self-locking in top and bottom position.

FINISH:

Metallic Gray Hybrid Powder Coat finish.

ATTACHMENT HUB:

Comes with front-mounted Hobart standard #12 taper attachment hub for use with #12 size attachments.

ATTACHMENTS AND ACCESSORIES:

The following are available at extra cost:

- Stainless Steel Bowl
- “B” Flat Beater
- “C” Wing Whip
- “D” Wire Whip
- “ED” Dough Hook
- “P” Pastry Knife
- Bowl Splash Cover
- Bowl Scraper
- Ingredient Chute
- 9" Vegetable Slicer
- Meat Chopper Attachment
- Rubber Foot Pads
- Attachment Tray Support



Hobart Bowl Scraper

Hobart Ingredient Chute



Listed by Underwriters Laboratories Inc. and certified by NSF International.

LEGACY® HL120 MIXER



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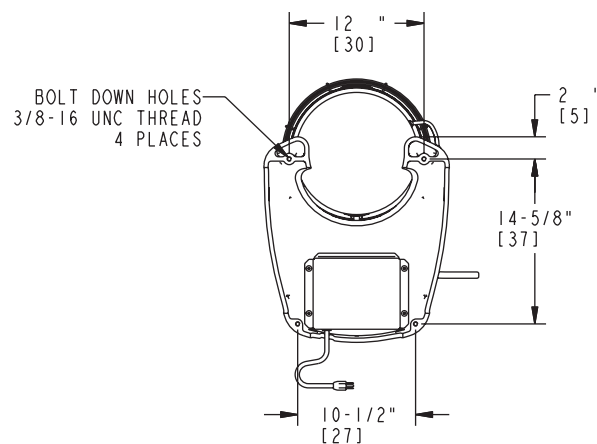
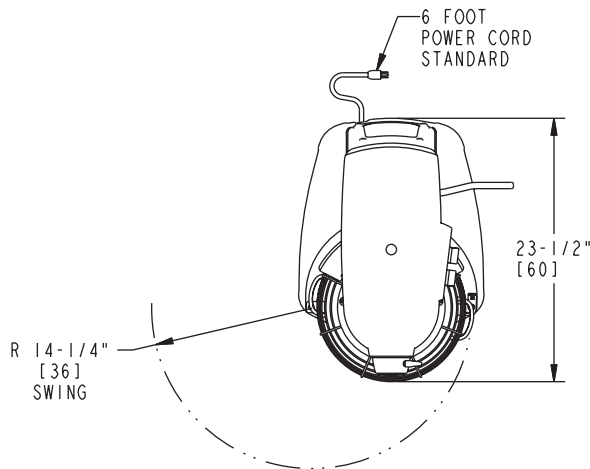
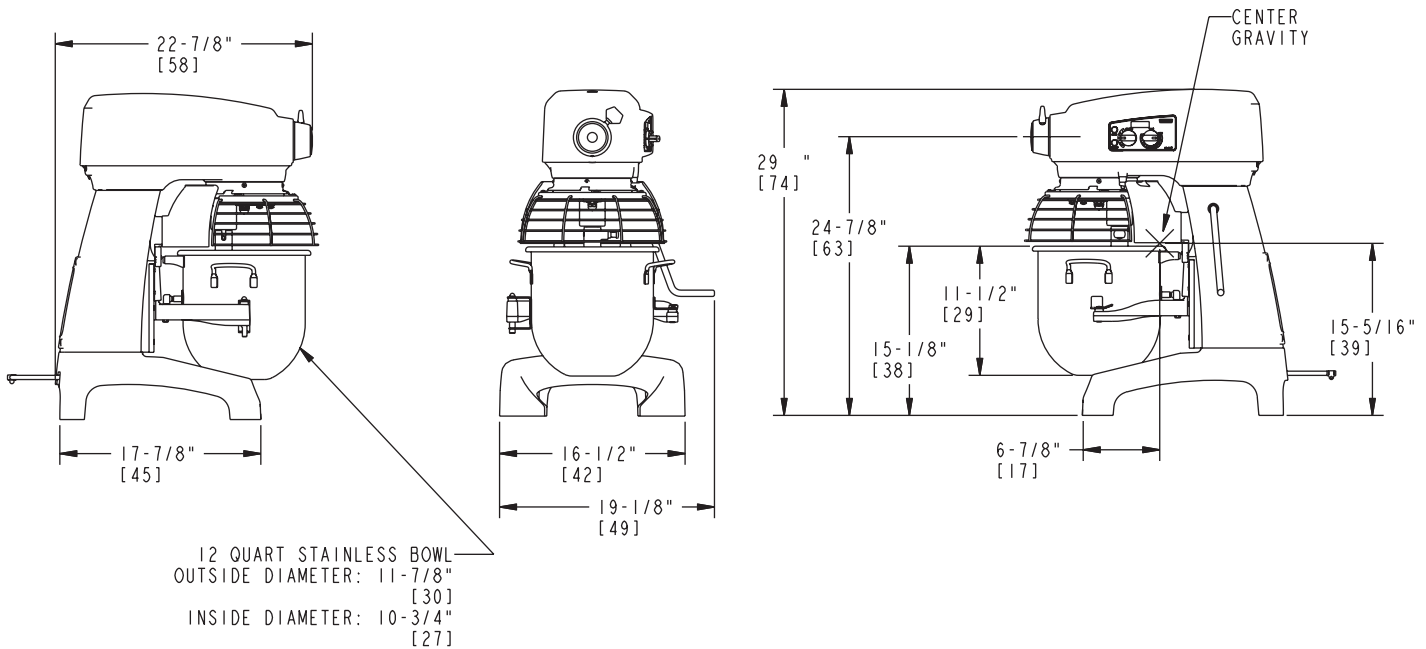
SPECIFICATIONS

ELECTRICAL SPECIFICATIONS: 100-120/50/60/1,
200-240/50/60/1 – UL Listed.

WEIGHT: 189 lbs. net; 204 lbs. domestic shipping.

WARRANTY: Unit has full one-year warranty on parts, labor and mileage against manufacturer's defects. Service contracts are available.

DETAILS AND DIMENSIONS



WARNING

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER CODES IN FORCE

NOTE

MACHINE WEIGHT (LESS BOWL)-----187 LBS
SHIPPING WEIGHT-----202 LBS
BOWL WEIGHT-----7-1/2 LBS

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.

Ingredient Bins

Slant Top

- Models **IBS20 – 21 gallon (81 L)**
IBS27 – 27 gallon (102 L)
IBS37 – 37 gallon (140 L)



Features & Benefits

- Stores and transports a wide variety of dry ingredients such as flour, sugar, rice or grains. Perfect for restaurants, food manufacturers or commissaries.
- Available in 21, 27 and 37 gallon (81, 102, 140 L) capacity to meet standard industry requirements for storage and transportation of bulk foods.
- One-piece, seamless single-wall polyethylene bin construction is extremely durable. Won't rust or corrode. Liquids and dry foods will not stick or seep between seams.
- FDA accepted material. Meets all food contact requirements and eliminates need for liners.
- Smooth interior and exterior are easy to clean.
- Injection molded Camwear® polycarbonate lids are transparent, break resistant and offer quick and easy identification of contents. Slide-back feature means easy access.
- Working height permits storage under standard work tables.
- Heavy-duty 3" (7,6 cm) casters, 2 front swivel, 2 fixed.
- No assembly required.
- Available in White (148) only with Clear (135) cover.

Item No. **51**

Specifier Identification No. _____

Model No. _____

Quantity _____



Scoops not Included
Approvals



Ingredient Bins

Item No. _____

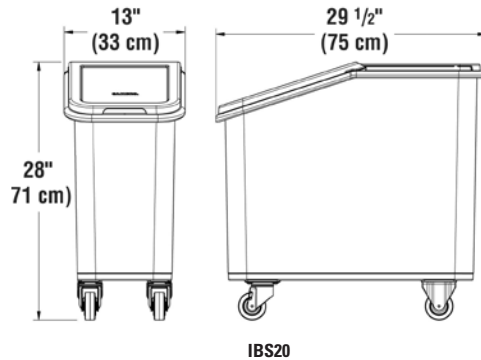
Slant Top

Models IBS20 – 21 gallon (81 L)
 IBS27 – 27 gallon (102 L)
 IBS37 – 37 gallon (140 L)

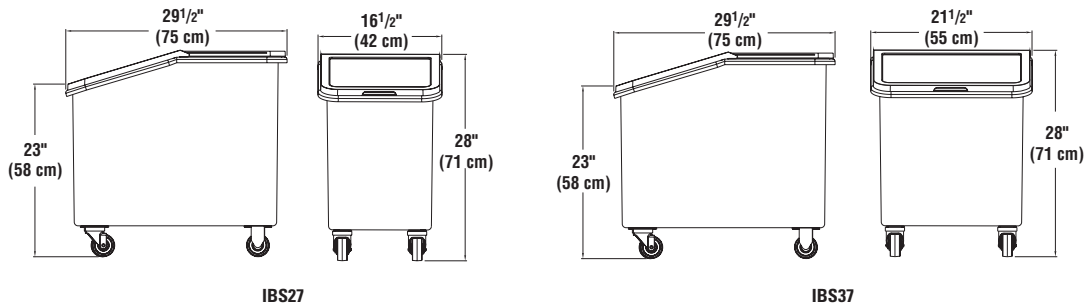
Specifier Identification No. _____

Model No. _____

Quantity _____



IBS20



IBS27

IBS37

Specifications

Dimension Tolerance: +/- 1/4" (0,64 cm)

Code	Description	Volume Capacity	Load Capacity		Exterior Dimensions W x D x H	Case lbs./cube Kg/m ³
			Sugar	Flour		
IBS20	21 gal. Ingredient Bin (81 L)	2.87 Cubic feet (0,081) Cubic meters	170 lbs. (77 kg.)	140 lbs. (63 kg.)	13" x 29 1/2" x 28" (33 x 75 x 71 cm)	28 (6,57) 13 (0,19)
IBS27	27 gal. Ingredient Bin (102 L)	3.98 Cubic feet (0,113) Cubic meters	226 lbs. (103 kg.)	150 lbs. (68 kg.)	16 1/2" x 29 1/2" x 28" (42 x 75 x 71 cm)	24 (7,50) 11 (0,22)
IBS37	37 gal. Ingredient Bin (140 L)	5.55 Cubic feet (0,157) Cubic meters	314 lbs. (142 kg.)	225 lbs. (102 kg.)	21 1/2" x 29 1/2" x 28" (55 x 75 x 71 cm)	28 (10,10) 13 (0,29)

Architect Specs

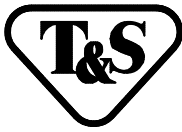
The Ingredient Bins shall be Cambro Model..., manufactured by Cambro Mfg. Co., Huntington Beach, CA 92648 U.S.A. Each unit shall be one piece, seamless, single-wall molded construction made of FDA Approved white polyethylene. Unit capacity shall range from 21 - 37 gallons (81 - 140 L) and/or 2.87 - 5.55 cu. ft. (0,081 - 0,157 cubic meters).

It shall have four each 3" (7,6 cm) casters with 1 1/4" (3,2 cm) wide tread, 2 front swivel and 2 fixed. It shall have an injection molded, transparent, slide-back polycarbonate lid. It shall not exceed 29" (73,6 cm) in height so that it can store under standard work tables. It shall be available in white only with a clear cover.

Approvals



© Cambro Manufacturing Company 5801 Skylab Road, Huntington Beach, CA 92647-2056, U.S.A.
 Telephone 714 848 1555 Toll Free 800 854 7631 Customer Service Department 800 833 3003



T&S BRASS AND BRONZE WORKS, INC.
 2 SADDLEBACK COVE / P.O. BOX 1088 / TRAVELERS REST, SC 29690
 PHONE 800-476-4103 - FAX 864- 834-3518



Model No.

B-1117

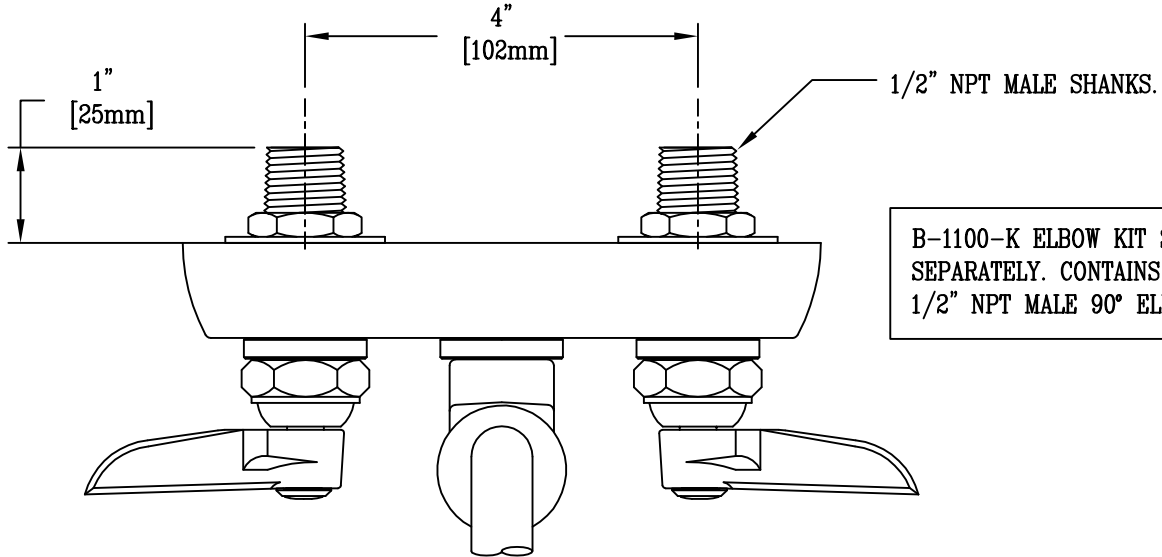
RELIABILITY
 BUILT IN

Job Name:

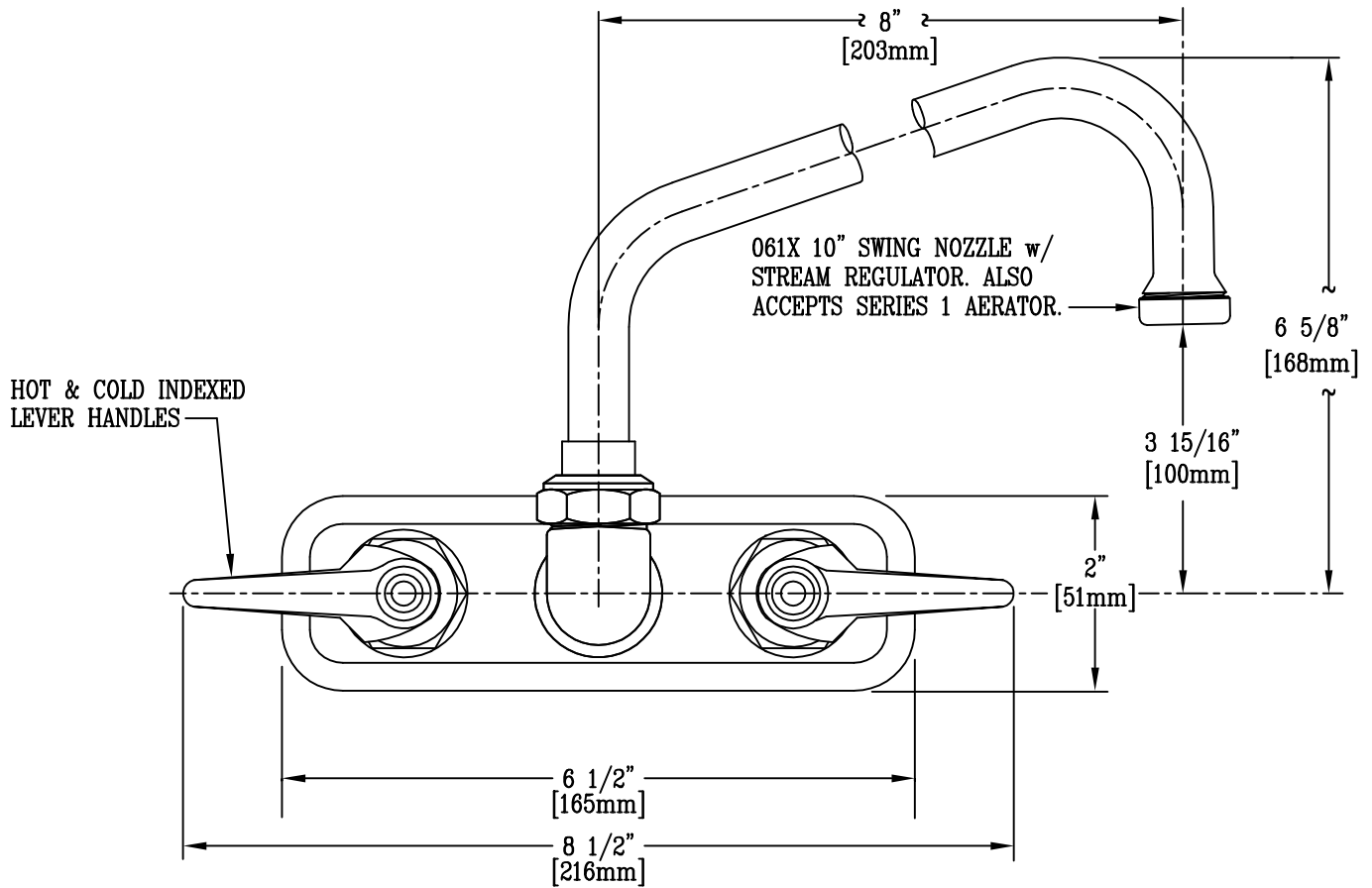
Architect/Engineer Approval:

53

Notes:



B-1100-K ELBOW KIT SOLD SEPARATELY. CONTAINS (2) 1/2" NPT MALE 90° ELBOWS



Product Description:
 WALL MOUNT WORKBOARD FAUCET WITH 1/2" NPT MALE SHANKS, 4" INLET CENTERS, 061X 10" SWING NOZZLE, STREAM REGULATOR, LEVER HANDLES

Drawn:

WJS

Checked

JKD

Scale:

1 : 2

Approved

MVW

Date:

10-4-01



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2812 SLICER



STANDARD FEATURES

- Home Position Start
- Close To Stop
- Gauge Plate Interlock
- Carriage System Interlock
- No Volt Release
- Exclusive Tilting, Removable Carriage System
- CleanCut™ Knife
- Top Mounted Borazon Stone Sharpener
- Hobart Poly V-Belt Drive System
- Sanitary Anodized Aluminum Base
- Double-Action Indexing Cam
- Permanently Mounted Ring Guard
- Heavy Gauge Stainless Steel Knife Cover
- Cleaning Leg
- Removable Rear Deflector
- ½ H.P. Knife Drive Motor
- Nylon Carriage Roller
- Electroless Nickel Plated Single Slide Rod with Reservoir Wick
- Stainless Steel Carriage
- Ergonomic Style Handle

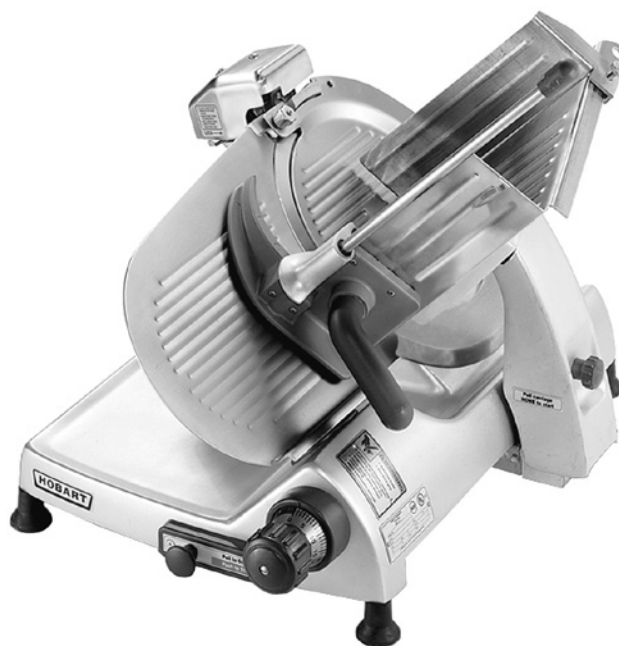
MODEL

- 2812 – Smart Features Manual Slicer

ACCESSORIES

- Low Fence
- High Fence
- Food Chute
- Heavy Meat Grip
- 4" Legs
- Product Tray

Specifications, Details and Dimensions on Inside and Back.



2812 SLICER

SOLUTIONS / BENEFITS

Home Start Position

Maximizes yield

- Carriage must be in "home position" before the slicer will start, ensuring full loaf slices

Close To Stop

Convenience, labor savings, energy savings, protection

- Closing of gauge plate turns off the slicer
- Protects knife edge

Gauge Plate Interlock

Ease of cleaning, protection

- Gauge plate must be closed to remove or tilt away carriage for cleaning and cannot be opened when carriage is tilted back or removed
- Protects knife edge during cleaning procedures

Carriage System Interlock

Protection

- Will not tilt away or remove if gauge plate indicator is not closed

No Volt Release

Protection

- Protects against unintentional starting of slicer
- Slicer must be restarted if power fails or slicer is unplugged

Exclusive Tilting, Removable Carriage System

Reduces labor, improves sanitation

- Tilt design allows for ease of midday cleaning
- Removable for complete cleaning and sanitation procedures

CleanCut™ Knife

Reduced cost of ownership, improved yield

- Thin edge design improves yield
- Super alloy edge lasts longer

Top Mounted Borazon Stone Sharpener

Ease of use, improved sanitation, reduced costs

- Single action sharpens and hones in just five seconds
- Removable and submersible for easy cleaning and sanitation
- Lifetime guaranteed Borazon sharpening stones provide maximum performance with reduced maintenance costs

Poly V-Belt Drive System

Performance, durability, reduced maintenance

- Patented design extends belt life while producing optimal slicing results
- Quieter operating slicer

Sanitary Anodized Aluminum Base

Improved sanitation, labor savings

- One piece base protects against possible growth of bacteria
- No cracks/crevices or bolt holes where product can lodge and bacteria may grow
- Easy cleanup and durable finish

Double-Action Indexing Cam

Increases reliability, easier to use, increased yield

- The first full revolution of the indexing knob provides precise control for shaving, chipping and thin slicing
- The second revolution opens the gauge plate quickly for thicker slicing
- Gauge plate holds position for consistent, precision slicing

Permanently Mounted Ring Guard

Protection

- Protects knife during operation and cleaning

Heavy Gauge Stainless Steel Knife Cover

Durability, ease of use, sanitation

- Twelve-gauge stainless steel maintains shape to ensure consistent fit
- Spring loaded knob for quick removal and easy cleanup
- One piece design for simplistic usage

Cleaning Leg

Improved sanitation, ease of use

- Props machine for easy cleaning underneath slicer

Removable Rear Deflector

Improved sanitation, ease of use

- Allows access for thorough cleaning
- No tools required means easy removal during cleaning

½ H.P. Knife Drive Motor

Durability, performance

- Reserve power runs at 400 rpm for optimum results

Nylon Carriage Roller

Performance

- Easy movement for manual operation

Electroless Nickel Plated Single Slide Rod with Reservoir Wick

Performance, durability, lower maintenance

- Smooth operation with continuous lubrication of carriage rod
- Resistant to rust

Stainless Steel Carriage

Improved sanitation, durability

- Maximum sanitation with minimum cleanup time
- Corrosion resistant, impact resistant

Ergonomic Style Handle

Operator satisfaction

- Comfortable manual operation

Meat Grip Options

Multiple choices for improved yield and consistency

- Front meat grip standard
- Heavy front meat grip available



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**2812
SLICER**

SPECIFICATIONS

HOME POSITION START: Home-start ensures carriage is in a convenient position before starting the slicer.

CLOSE TO STOP: After slicing, a quick turn of the index knob to the closed position turns off the slicer.

GAUGE PLATE INTERLOCK: Gauge plate interlock protects knife edge when indicator is closed.

CARRIAGE SYSTEM INTERLOCK: Carriage will not tilt away or remove if gauge plate not closed.

NO VOLT RELEASE: In the event of power loss, slicer must be restarted before operation can continue.

TILTING REMOVABLE CARRIAGE SYSTEM: Positive angle carriage design enables operator to slice without manual feed. The stainless steel carriage system tilts back easily for midday cleaning and is removable for thorough cleaning and sanitation procedures. The carriage has 12½" manual travel.

CLEANCUT™ KNIFE: Another Hobart exclusive, the knife is constructed of 304L stainless steel and high performance super alloy. Knife is protected by a permanently mounted ring guard with integrated product deflector. The stainless steel knife cover provides easy access for cleaning. Gauge plate protects knife edge when indicator is closed. Knife cover is quickly removed with a quarter turn of the spring loaded locking knob.

TOP MOUNTED BORAZON STONE SHARPENER: One lever operation utilizing two Borazon stones to sharpen and hone in five seconds. Removable and top mounted. When sharpener is removed for cleaning, knife edge is shielded. Borazon stones have lifetime guarantee.

HOBART POLY V-BELT DRIVE SYSTEM: Knife is driven by a Hobart Poly V belt and runs at 400 rpm for optimal performance.

SANITARY ANODIZED ALUMINUM BASE: One-piece base protects against possible growth of bacteria. All surfaces are durable and smooth, presenting no holes or crevices in which food can lodge. Easy clean-up and durable finish to withstand harsh cleaning products.

DOUBLE-ACTION INDEXING CAM: First revolution of index cam for precision slicing; second revolution for thicker slicing selection. Indexing cam holds true to setting during slicing operation.

PERMANENTLY MOUNTED RING GUARD: Permanently mounted ring guard with integrated product deflector protects knife during operation and cleaning.

HEAVY GAUGE STAINLESS STEEL KNIFE COVER:

One piece design made of 12 gauge stainless steel, durable to maintain shape and ensure consistent fit. Spring loaded knob for quick removal and replacement.

CLEANING LEG: Cleaning leg supports the slicer in tilted position for cleaning beneath the machine.

REMOVABLE REAR DEFLECTOR: No tools are required for removal of the deflector for thorough cleaning of the slicer.

KNIFE MOTOR: ½ H.P., permanently lubricated ball bearings. Single phase capacitor-start, induction run.

ELECTROLESS NICKEL PLATED SINGLE SLIDE ROD WITH RESERVOIR WICK: Transport slide rod is E-Nickel electroless plated. Slide rod bearings feature an oil reservoir/oil wick.

FINISH: Stainless steel carriage, gauge plate and knife cover. Anodized aluminum base.

ERGONOMIC STYLE HANDLE: Specially designed for ease of use during manual operation.

MEAT GRIP: Front mounted grip is high strength thermoplastic. Swings out of way when not in use.

ELECTRICAL SPECIFICATIONS: 120/60/1 – U L Listed. Also available in 100/50/60/1 and 230/50/1 (2.5 amps) – not submitted for U L Listing.

SWITCH: Moisture protected toggle type, operated by a push-pull rod.

CORD & PLUG: 6-foot, three-wire power supply cord and plug. Plug not furnished on export models.

CAPACITY: The carriage will take food up to 12" in width or 7½" in diameter.

GAUGE PLATE: Gauge plate is a heavy aluminum casting with ribbed laminated stainless steel face for smooth feeding. Adjustable to cut any thickness of slice up to 1".

WARRANTY: All parts and service coverage for one year including knife. Lifetime guarantee on Borazon stones in the sharpening system.

WEIGHTS FOR THE FOLLOWING ITEMS: Tubular Chute 9.1 lbs.; Swing Arm .61 lbs.; Heavy Front Meat Grip 2.76 lbs.; Heavy Handle 2.7 lbs.; Standard Meat Grip 2.34 lbs.

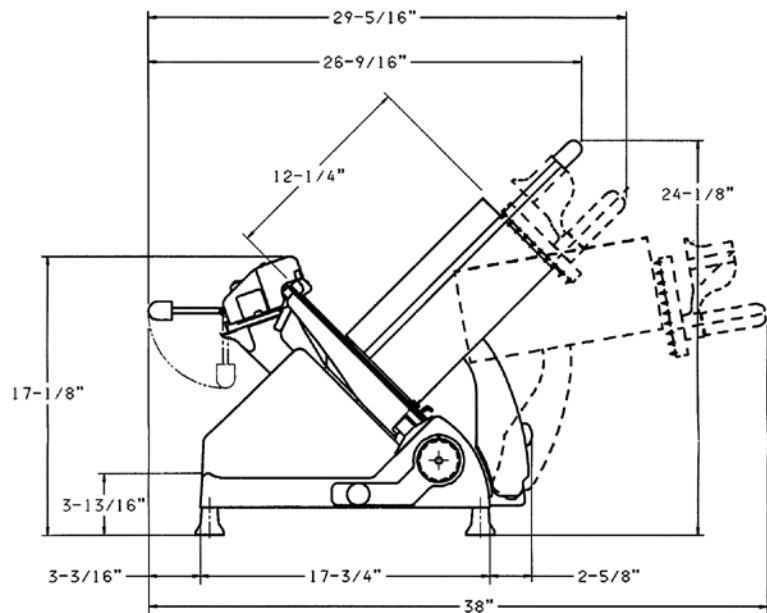
WEIGHT: Shipping 135 lbs., Net 96 lbs.

2812 SLICER

HOBART

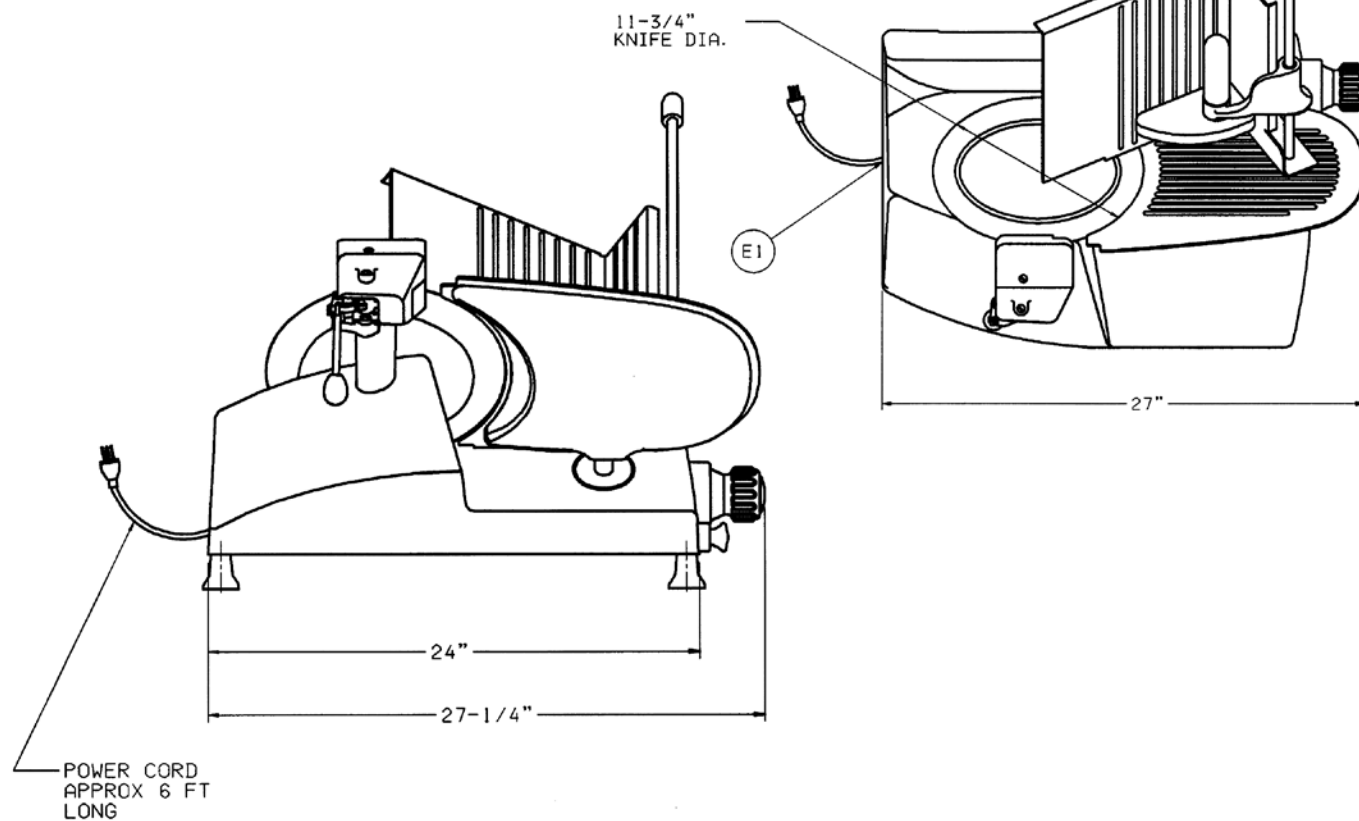
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DETAILS AND DIMENSIONS



WARNING

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.



As continued product improvement is a policy of Hobart, specifications are subject to change without notice.



1-1/2 – 2 H.P. DISPOSER MODELS

Heavy-duty disposer designed for continuous operation in restaurants, hotels, hospitals and cafeterias. Food waste including steak bones is quickly and efficiently removed with this labor-saving, self-cleaning, environmentally sound disposer.

SPECIFICATIONS

- **Grind Chamber:** Corrosion Resistant Stainless Steel
- **Mounting:** 3/4" (19.1 mm) rubber mounting above grinding chamber isolates sound and eliminates vibration. Mounting is enclosed in chrome plated covers for sanitation and appearance.
- **Motor:** 1-1/2 – 1 HP Induction Motor, 1725 RPM, totally enclosed to provide protection against outside moisture. Controlled power air flow cools motor for efficiency and longer life. Built-in thermal overload protection.
- **Cutting Elements:** Stationary and rotating shredding elements made from cast nickel chrome alloy for long life and corrosion resistance, designed for reverse action grinding.
- **Main Bearings:** Double-tapered Timken roller bearings provide a shock absorbing cushion.
- **Motor Seals:** Triple lip seal protects motor from water damage. Secondary spring-loaded oil seal provides double protection against water and loss of grease.
- **Finish:** All Stainless Steel and Chrome plated. Paint-free for lasting sanitation.
- **Warranty:** 1 year full warranty from date of installation.
- **A Disposer Package Includes:** 1 Mounting/Bowl Assembly, 1 Electrical Control, 1 Syphon Breaker, 1 Solenoid Valve, and 1 Flow Control Valve. The standard Flow Control Valve will be sent with the unit unless the optional valve is specified.



MODEL & HORSEPOWER/ELECTRICAL REQUIREMENTS

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> | <input type="checkbox"/> 115/208-230V, 60 Hz, 1 Ph, 12.2/5.7/6.1 amps, UL | <input type="checkbox"/> 208-230/460V, 60 Hz, 3 Ph, 3.2/4.6/2.3 amps, UL | <input type="checkbox"/> 208-230/460V, 60 Hz, 3 Ph, 3.2/4.6/2.3 amps, CSA |
| <input type="checkbox"/> SS-150 | <input type="checkbox"/> 115/208-230V, 60 Hz, 1 Ph, 12.2/5.7/6.1 amps, UL , short body | <input type="checkbox"/> 208-230/460V, 60 Hz, 3 Ph, 3.2/4.6/2.3 amps, UL , short body | <input type="checkbox"/> 115/230V, 50 Hz, 1 Ph, 10.3/5.6 amps |
| <input type="checkbox"/> 1-1/2 H.P. | <input type="checkbox"/> 115/208-230V, 60 Hz, 1 Ph, 12.2/5.7/6.1 amps, CSA | | <input type="checkbox"/> 230/460V, 50 Hz, 3 Ph, 3.0/1.5 amps |
| | | | <input type="checkbox"/> 380V, 50 Hz, 3 Ph, 1.7 amps |
-
- | | | |
|--|---|--|
| <input type="checkbox"/> | <input type="checkbox"/> 115/208-230V, 60 Hz, 1 Ph, 17.4/7.7/8.7 amps, UL | <input type="checkbox"/> 115/208-230, 60 Hz, 1 Ph, 17.4/7.7/8.7 amps, CSA |
| <input type="checkbox"/> SS-200 | <input type="checkbox"/> 208-230/460V, 60 Hz, 3 Ph, 3.3/5.0/2.5 amps, UL | <input type="checkbox"/> 208-230/460V, 60 Hz, 3 Ph, 3.3/5.0/2.5 amps, CSA |
| <input type="checkbox"/> 2 H.P. | <input type="checkbox"/> 115/208-230V, 60 Hz, 1 Ph, 17.4/7.7/8.7 amps, UL , short body | <input type="checkbox"/> 208-240/460V, 60 Hz, 3 Ph, 3.3/5.0/2.5 amps, NOM |
| | <input type="checkbox"/> 208-230/460V, 60 Hz, 3 Ph, 3.3/5.0/2.5 amps, UL , short body | |

NOTE: All amp ratings denote amp draw during a grind load.

ELECTRICAL CONTROLS



AS-101 Control Center "Aqua Saver" (Auto-Reversing)



CC-101 Control Center (Auto-Reversing)



CC-202 Control Center (Auto-Reversing)



Manual Reverse Switch (Dual Direction)



Manual Switch (Single Direction)

Our products appear on **The KCL CADalog** CD-ROM based CAD Foodservice Symbol Library. More information is available from **Kochman Consultants, Ltd.** at www.kclcad.com.



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DISPOSER MOUNTING ASSEMBLIES (choose one)




Bowl Mounts

-  Type A Sink Bowl Assembly: Includes bowl, water nozzle(s), bowl cover, splash baffle
-  Type B Sink Bowl Assembly: Includes bowl, water nozzle(s), silver guard, splash baffle
-  Type C Sink Bowl Assembly: Includes bowl, water nozzle(s), splash baffle

Sink Bowl Assembly Size

- 12" (304.8 mm) with one adjustable water nozzle
- 15" (381.0 mm) with one adjustable water nozzle
- 18" (457.2 mm) with two adjustable water nozzles

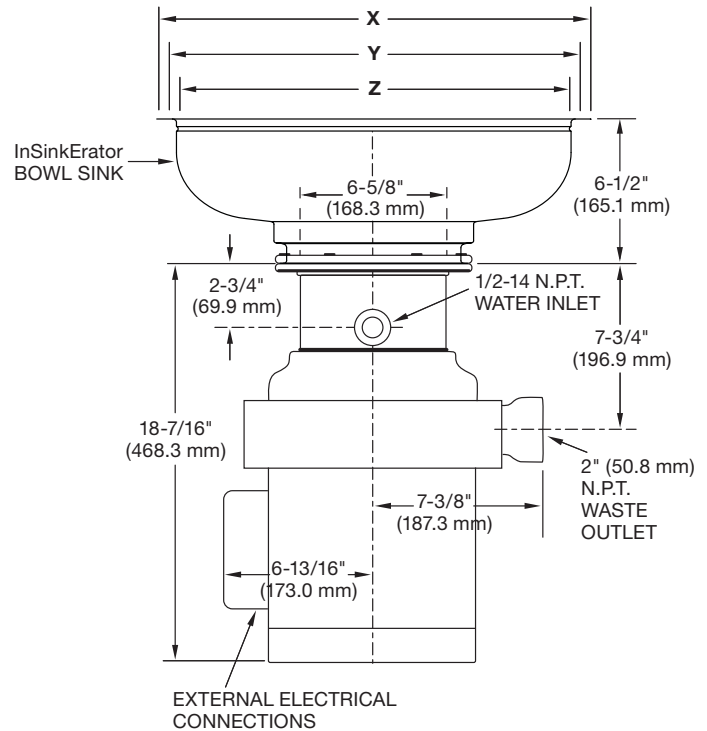
Collar Mounts

-  #5 Sink Flange Mounting Assemblies for 3-1/2" – 4" (88.9 mm – 101.6 mm) sink opening (support legs are recommended)
-  #6 Collar Adaptor for welding into trough, provides 6-5/8" (168.3 mm) opening, includes splash baffle
-  #7 Collar Adaptor for welding into sink, provides 6-5/8" (168.3 mm) opening, includes splash baffle and stopper

DIMENSIONS

IMPORTANT: Use dimension chart below for adaptor height in place of InSinkEerator bowl sink height when mounting directly to a sink.

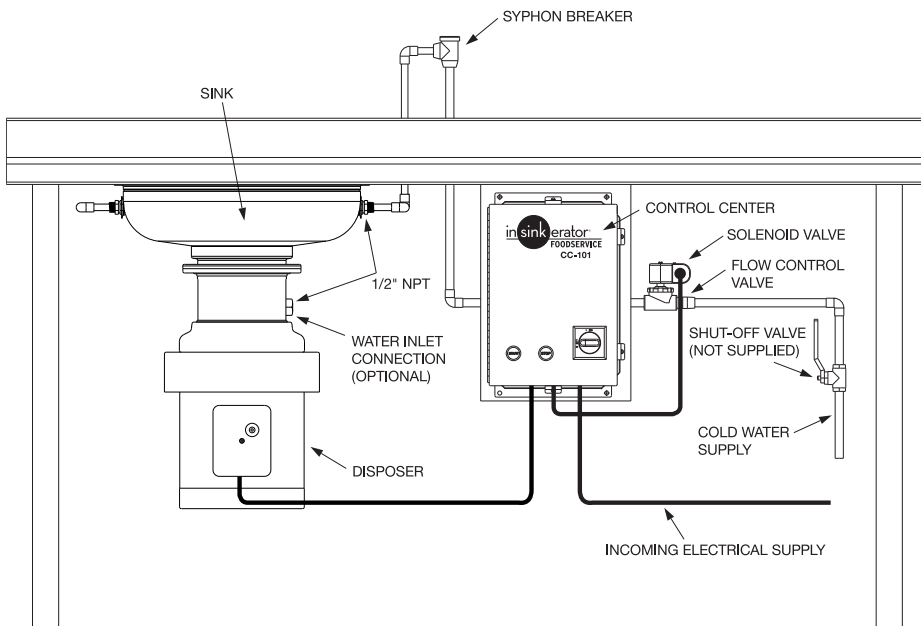
Bowl Sinks	Flange O.D. X	Work Table Hole Y	Flange I.D. Z	Height
12" (304.8 mm)	13-1/2" (342.9 mm)	12-1/4" (311.2 mm)	12" (304.8 mm)	6-1/2" (165.1 mm)
15" (381 mm)	16-1/2" (419.1 mm)	15-1/4" (387.4 mm)	15" (381.0 mm)	6-1/2" (165.1 mm)
18" (457.2 mm)	19-1/2" (495.3 mm)	18-1/4" (463.6 mm)	18" (457.2 mm)	6-1/2" (165.1 mm)
Adaptors	X	Y	Z	Height
No. 5	Fits Standard Sink Opening: 3-1/2" – 4" (88.9 mm – 101.6 mm)			2-3/4" (69.9 mm)
No. 6	7-13/16" (198.4 mm)	6-7/8" (174.6 mm)	6-5/8" (168.3 mm)	1-3/16" (30.7 mm)
No. 7	9-1/8" (231.8 mm)	7-7/8" (200.0 mm)	7-5/8" (193.7 mm)	2-1/16" (52.4 mm)



NOTE:

- Adaptors are available upon request for all competitor sink bowls or cones.
- Please have sink bowl/cone type with the necessary dimensions when ordering adaptors.
- Also available as a short body model. Reduces overall height of disposer by 1" (25.4 mm).

RECOMMENDED INSTALLATION



RECOMMENDED WATER USAGE

	Standard	Optional
SS-150	7 GPM (26.5 LPM)	5 GPM (18.9 LPM)
SS-200	7 GPM (26.5 LPM)	5 GPM (18.9 LPM)

For additional information, see Foodservice Product Information Binder.

DuraPan™ SERIES

ELECTRIC, OPEN OR MODULAR BASE,
30 & 40 GALLON (115 & 150 LITER)

MODELS: SEL-30-TR SEM-30-TR
 SEL-40-TR SEM-40-TR

Cleveland Standard Features

- Leg or Modular Base
- Full 30/40 Gallon (115/150 Liters) Capacity Rating to Bottom of Pouring Lip
- Power Tilt (Hydraulic Hand Tilt Optional)
- Stainless Steel Clad 5/8" Cooking Surface Guaranteed against warpage
- Stainless Steel Coved Cornered Pans with both Gallon and Liter Markings
- Space-Saving Design- No Clearance Required at rear or sides (optional Faucet and Console requires 4 1/2" on one side)
- All Stainless Steel Construction for durability and easy cleaning
- Adjustable, Electronic Thermostat controls temperature from 100°F to 425°F
- High Efficiency Heating System with even heat distribution - 14 kW's for 30 gallon models, 18 kW's for 40 gallon models.
- Fast Heat-Up and Recovery Time-Preheats in 15 minutes, full capacity from cold to boiling in 60 minutes
- Spring Assist Cover with Adjustable Vent and Full Width Handle
- On/Off Switch, Thermostat Knob and Pilots, recessed to avoid breakage
- Four Stainless Steel, Level adjustable feet, rear flanged for bolting
- Serviceable from the front of the unit
- Two Pilot Lights; Green = Power on, Amber = Temperature Cycling
- Splash Proof Controls and Water Tight Electrical Connections
- High Limit Safety Device set at 450°F (232°C)
- Anti-Splash Pouring Lip
- Typical approvals include UL, CSA, CE and NSF

Options & Accessories

- Sliding Drain Drawer with Splash Screen (SLD) (for SEL models only)
- Hydraulic Hand Tilt with quick lowering feature (HTS)
- Power Tilt with Hand Tilt Override (PT1)
- Double or Single Pantry Faucet (SPS14, DPS14), includes Faucet Mounting Bracket
- Double or Single Pantry Skillet Filler with 60" hose (SKF-S or DKF-S)



Open base model shown with optional Drain Drawer (SLD) and Power Tilt (PT1)

Short Form Specifications

Shall be CLEVELAND, Tilting Skillet; Model SE - ____ - TR ____ KW, ____ Volts holding no less than ____ gallons (____ liters); Complete with thermostatic and Safety Controls; Gallon Markings; Stainless Steel Clad; 5/8" Cooking Surface; Power Tilt; Spring Assist Cover with adjustable Vent. All Stainless Steel Construction. No Clearances Required.

- Hot & Cold Water Pre-Rinse Spray Head with Hose (PRS-S)
- Voltage Options:
 - VOSK1, 240 Volt, 60 Hz, 3 Phase
 - VOSK2, 380/415 Volt, 50 Hz, 3 Phase - for export
 - VOSK3, 440/480 Volt, 60 Hz, 3 Phase
- Food Strainers for pouring spout (FS)
- Vegetable Steamers (VS)
- Poaching Pans (PP)
- Wall Mounting (WMS)
- In-Wall Carriers (IWCS)
- Pan Carriers (PCS), not available on 30 gallon models with a Tangent Draw-Off Valve
- 2" Tangent Draw-Off Valve (TD2), left side only

DIMENSIONS

MODEL	A	B	C	D	E	F
SEL-30-TR	36"	32"	9"	5"	20"	3"
	(915mm)	(812mm)	(229mm)	(127mm)	(508mm)	(76mm)
SEL-40-TR	48"	44"	12 1/8"	8"	22"	6"
	(1220mm)	(1118mm)	(308mm)	(203mm)	(559mm)	(153mm)

CAPACITIES

In 4 oz. servings. Other sizes may be calculated.
 30 gallons / 115 Liters 960
 40 gallons / 150 Liters 1280

SPECIFICATIONS

CLEARANCE	APPROX. SHIPPING WEIGHTS
RIGHT: 1" (26mm) (4 1/2"/115mm with Faucet)	SEL-30-TR 420 LBS. 191 KG.
LEFT: 1" (26mm)	
REAR: 1" (26mm)	SEL-40-TR 490 LBS. 223 KG

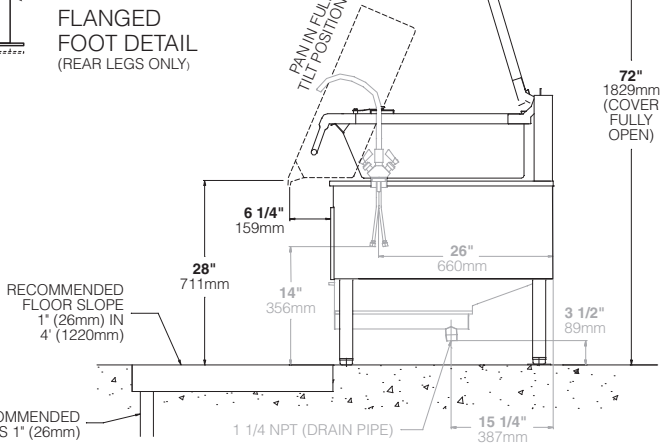
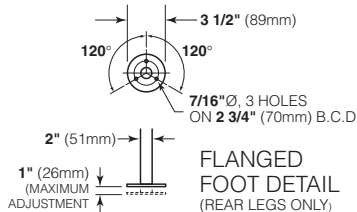
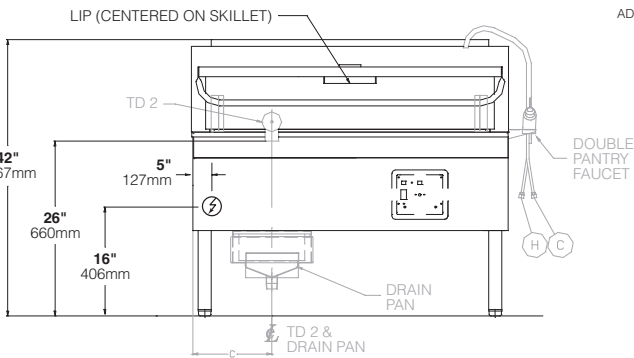
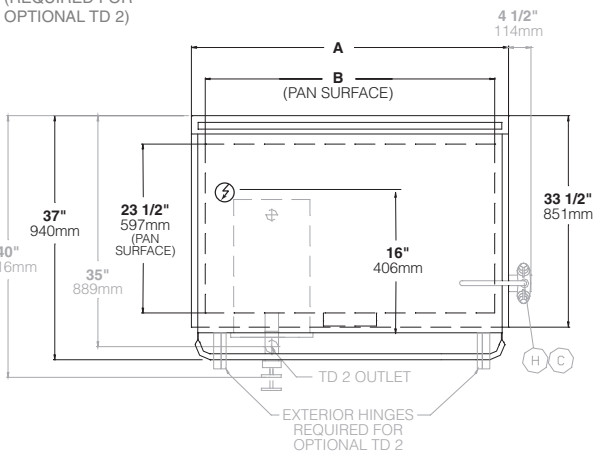
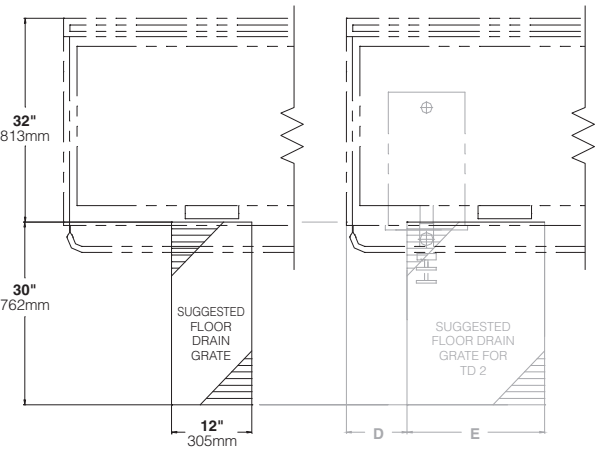
ELECTRICAL

SEL-30-TR & SEM-30-TR (Standard Wattage)						
Volts	Ph	Hz	Total Watts	Amps	Wire Size	Wire Size
208	1	60	14400	69.2	4	
208	3	60	14400	40	8	
240	1	60	14400	60	6	
240	3	60	14400	34.6	8	
380	1	50	14400	37.9	8	
380	3	50	14400	21.9	10	
416	1	50	14400	34.6	8	
416	3	50	14400	20	10	
480	1	60	14400	30	8	
480	3	60	14400	17.3	10	

SEL-40-TR & SEM-40-TR (Standard Wattage)						
Volts	Ph	Hz	Total Watts	Amps	Wire Size	Wire Size
208	1	60	18000	86.5	3	
208	3	60	18000	50	6	
240	1	60	18000	75	4	
240	3	60	18000	43.4	8	
380	1	50	18000	47.3	6	
380	3	50	18000	27.3	10	
416	1	50	18000	43.3	6	
416	3	50	18000	25	10	
480	1	60	18000	37.5	6	
480	3	60	18000	21.7	10	



EXTERIOR HINGES (REQUIRED FOR OPTIONAL TD 2)



NOTE: NON STANDARD ITEMS ARE SHOWN IN GRAY

NOTES:

Cleveland Range reserves right of design improvement or modification, as warranted. Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes. Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L., NSF, CGA, CSA, ETL and others.

(NOT TO SCALE)

SECT. XII PAGE 6

0609

Litho in U.S.A.

**FLOOR TYPE, LEVER TILT
 ELECTRIC KETTLES**

*TILTING, "SPASH PROOF SERIES", SELF-CONTAINED
 23 STEAM JACKETED, 20 GALLONS (80 LITERS)*

MODEL: KET-20-T

Cleveland Standard Features

- Manual tilting, balanced design
- Self-contained, easily installed - needs only an electrical hook-up
- Steam jacket filled with treated water, venting and/or refilling is not required
- Accurate, consistent solid state temperature controls (mechanical thermostat not as accurate) - less than ±1°C variance (ideal for simmering). Operating temperature range from 145° - 260°F (63°C - 127°C)
 Control panel includes:
 - LED indicator for heat cycle
 - LED indicator for low water
 - Power ON/OFF switch
 - Adjustable temperature control dial
- Water resistant controls, splash-proof construction
- Large pouring lip for high capacity and chunky products
- Re-inforced rolled rim design prevents damage to kettle rim, eliminates "bar rim designs"
- Welded-in heating elements, (holds vacuum better, won't leak or loose water)
- Easily cleaned: kettle and all exterior surfaces are of type 304 stainless steel with an #4 finish
- Rear mounted easy access pressure gauge and pressure relief valve to prevent tampering. Color coded easy to read pressure gauge with "green" and "vent air zone"
- 50 psi steam jacket rating for higher cooking temperatures
- 50 psi safety valve
- Solid state water level control (no sight glass gauge to break or leak)
- Splash proof element cover with a double gasket seal
- 6" level adjustable feet
- Standard voltage is 208-240 volts, 60 Hz, 3-phase, 3-wire. Field rewirable for single-phase, 2-wire systems
- Typical approvals include UL., CSA, CE, NSF and ASME

Options & Accessories

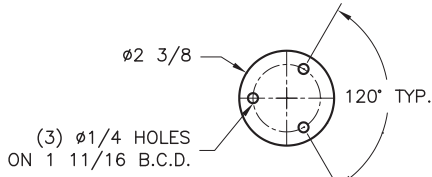
- Lift-off Cover (CL20)
- Double pantry faucet with swing spout and mounting bracket (DPK & FBKT)
- Voltage other than standard (VOS)
- Type 316 Stainless Steel Kettle interior for high acid food products (316)
- Food Strainer (FS)
- Basket Strainer (BS-)
- Single pantry faucet with swing spout (SPK)
- High Wattage Operation (HW) (see back page)



Short Form Specifications

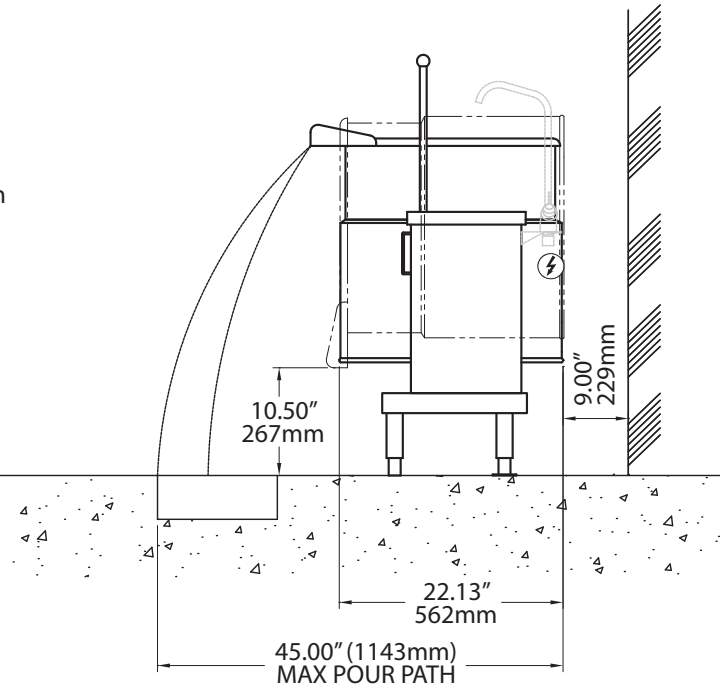
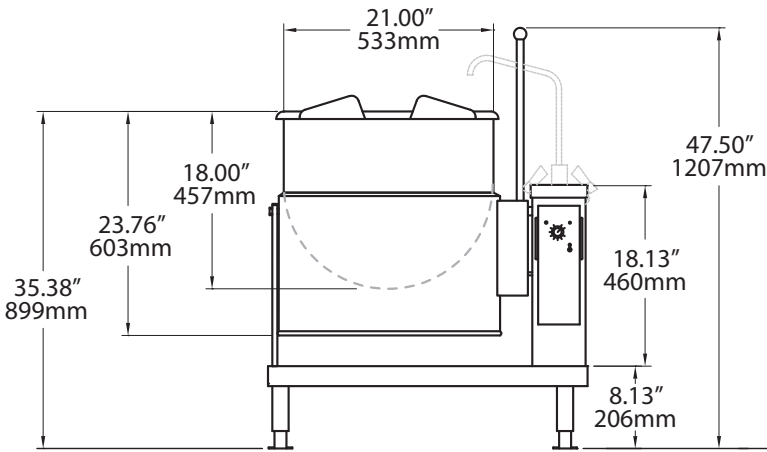
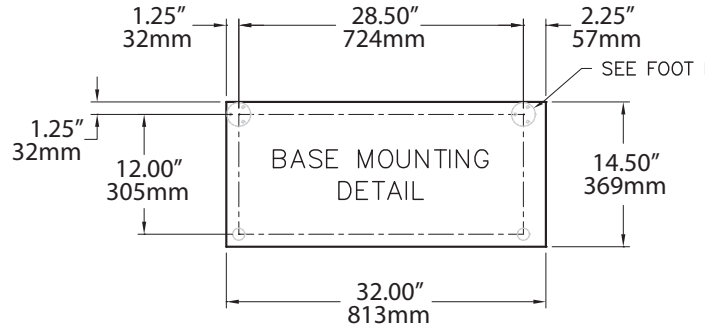
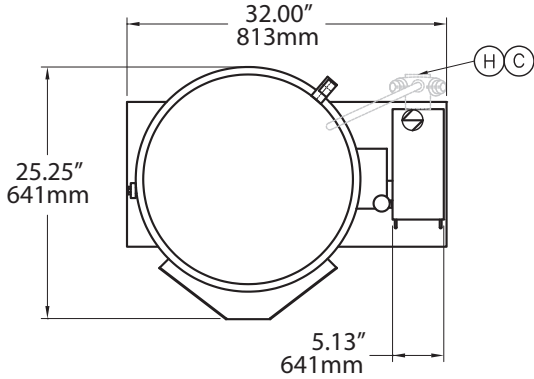
Shall be CLEVELAND, Electric, self-contained Kettle, Model KEL-20-T; 20 gallons, tilting, ____ KW, ____ volt, ____ Hz, ____ - phase, 23 jacketed type. Type 304 Stainless Steel kettle and supports. Rated 50 psi with Safety Valve, Permanently filled Steam Jacket, Splash Proof Solid State Temperature (± 1° C) and Safety Control System in plug-in Module including L.E.D. indicators. (Optional Lift-Off Cover)

- Kettle Accessory Kit (KAK)
 - Clean-up Brush (CB)
 - 36" Kettle Whip (KW)
 - Draw-off Brush (DB)
 - Measuring Strip (MS)
 - Kettle Markings (KM)
 - Protective Control Panel (PCE)
- 36" Kettle Paddle (KP)
- 36" Kettle Brush (KB)
- 24 oz. Ladle (KL)




FOOT DETAIL

- CAPACITIES: (in 4 oz. servings, other sizes may be calculated)
20 Gallon / 80 liters 704 servings



⚡ ELECTRICAL

Std/High Wattage	Supply Voltage	Phase	Wires	Total Wattage	Supply Amps	Wire Size	Std/High Wattage	Supply Voltage	Phase	Wires	Total Wattage	Supply Amps	Wire Size
S	200-208	1	2	12268	59.0	4	H	200-208	1	2	14721	70.8	3
S	200-208	3	3	12268	34.1	8	H	200-208	3	3	14721	40.9	6
S	220-240	1	2	16333	68.1	4	H	220-240	1	2	19599	81.7	3
S	220-240	3	3	16333	39.3	6	H	220-240	3	3	19599	47.1	6
S	380-415	1	2	15072	36.2	8	H	380-415	1	2	18087	43.5	6
S	380-415	3	3	15072	20.9	10	H	380-415	3	3	18087	25.1	8
S	440	1	2	13724	31.2	8	H	440	1	2	16469	37.4	6
S	440	3	3	13724	18.0	10	H	440	3	3	16469	21.6	10
S	440-480	1	2	16333	34.0	8	H	440-480	1	2	19599	40.8	6
S	440-480	3	3	16333	19.6	10	H	440-480	3	3	19599	23.6	10

WATER 
 $\frac{3}{8}$ " O.D. copper tube or
 $\frac{1}{2}$ " N.P.T. pipe.
 When ordered with
 optional faucet.

CLEARANCE
 RIGHT = 0", LEFT = 0"
 REAR = 6" (152mm)

SHIPPING WEIGHT:
 190 lbs. (86 kg.)

NOTES:

Cleveland Range reserves right of design improvement or modification, as warranted.
 Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.
 Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L., NSF, CGA, CSA, ETL and others.

(NOT TO SCALE)
 SECT. VIII PAGE 8
 0609
 Litho in U.S.A.

TRI-LEG, ELECTRIC KETTLES

TILTING, "SPASH PROOF SERIES",
 SELF-CONTAINED, 2/3 STEAM JACKETED,
 25, 40 or 60 GALLONS (100, 150 or 225 LITERS)

MODELS: KEL-25-T
 KEL-40-T
 KEL-60-T

Cleveland Standard Features

- Self-contained, easily installed - needs only an electrical hook-up
- Steam jacket filled with treated water, venting and/or refilling is not required
- Accurate, consistent solid state temperature controls (mechanical thermostat not as accurate) - less than $\pm 1^{\circ}\text{C}$ variance (ideal for simmering). Operating temperature range from 145° - 260°F (63°C - 127°C)
 Control panel includes:
 - LED indicator for heat cycle • LED indicator for low water
 - Power ON/OFF switch • Adjustable temperature control dial
- Water resistant controls, splash-proof construction
- Large pouring lip for high capacity and chunky products
- Re-inforced rolled rim design prevents damage to kettle rim, eliminates "bar rim designs"
- Welded-in heating elements, (holds vacuum better, won't leak or loose water)
- Easily cleaned: kettle and all exterior surfaces are of type 304 stainless steel with an #4 finish
- Rear mounted easy access pressure gauge and pressure relief valve to prevent tampering. Color coded easy to read pressure gauge with "green" and "vent air zone"
- 50 psi steam jacket rating for higher cooking temperatures
- 50 psi safety valve
- Solid state water level control (no sight glass gauge to break or leak)
- Splash proof element cover with a double gasket seal
- Tilt mechanism of roller bearings and case hardened self-locking worm and segment gear
- 1 5/8" O.D. tri-leg supports with level adjustable feet for floor bolting
- Standard voltage is 208-240 volts, 60 Hz, 3-phase, 3-wire
- Typical approvals include UL., CSA, CE, NSF and ASME

Options & Accessories

- Spring-assisted, hinged, rotatable, domed Stainless Steel Cover (CHS)
- 2" or 3" diameter Tangent Draw-Off Valve (TD2 or TD3*), *TD3 for 60 gallon only and will raise height of kettle by 5-5/8" (143mm)
- Hot and Cold Water Faucet with Swing Spout and Mounting Bracket (DPK and FBKT)
- Type 316 Stainless Steel Kettle Liner for high acid food products (316)
- Pan Carrier (PCK)
- Flow Diverter (FD)
- Food Strainers (FS)
- Cooking Baskets and Tri-Basket Supports (BS and TBS)
- Kettle Accessory Kit (KAK) includes:
 - Clean-up Brush (CB)
 - 36" Kettle Paddle (KP)
 - 36" Kettle Whip (KW)
 - 36" Kettle Brush
 - Draw-Off Brush (DB)
 - 24 oz. Ladle (KL)
- Automatic Water Meter (GMF or LMF)



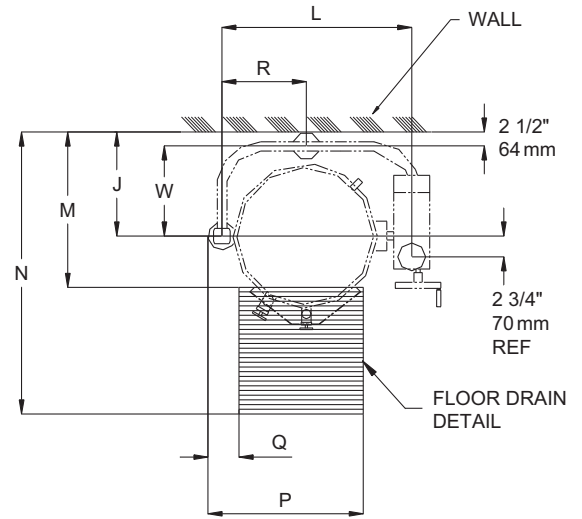
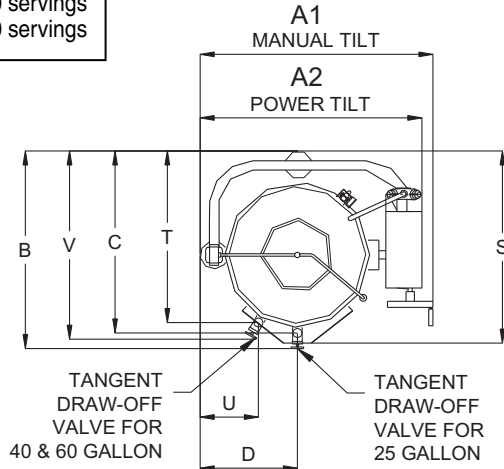
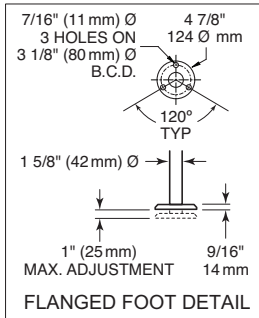
Shown with optional spring-assisted cover and 2" tangent draw-off valve

Short Form Specifications

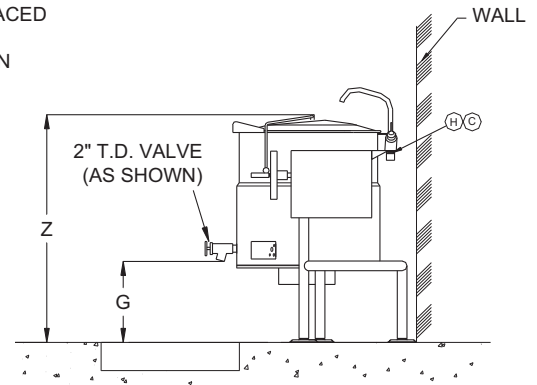
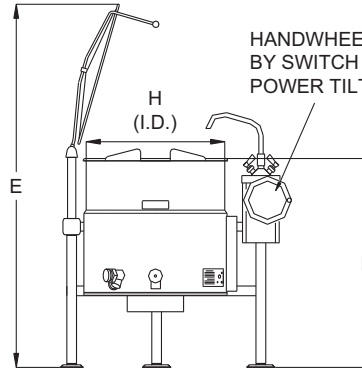
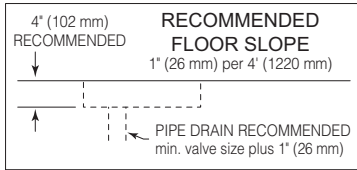
Shall be CLEVELAND, Electric Kettle, Tri-leg mounted, self-contained, tilting, Model KEL - ____ - T; ____ gallons, 2/3 Steam Jacketed. Type 304 Stainless Steel Kettle and Supports. 50 psi Steam Jacket Rating, 50 psi Safety Valve, Permanently filled Steam Jacket, Combination Pressure/Vacuum Jacket Gauge. Splash Proof Solid State Temperature ($\pm 1^{\circ}\text{C}$) and Safety Control System in plug-in Module including L.E.D. indicators,

- Drain Strainers (DS-)
- Water Meter Stand (SWM)
- Lift-Off Covers (CL)
- Measuring Strip (MS)
- Gallon Markings (KM)
- Hot and cold or cold only Kettle Filler with 60" Hose (DKF-K or SKF-K)
- Swing Funnels for drain (SW)
- Alternate Mounting Systems
- High Wattage (HW) (see back page)
- Special Voltages (see back page)
- Heat Deflector Shield (HS001)
- Correctional Packages

CAPACITIES: (in 8 oz. servings, other sizes may be calculated)
 25 Gallon / 100 liters . . . 400 servings
 40 Gallon / 150 liters . . . 640 servings
 60 Gallon / 225 liters . . . 960 servings



NOTE: TD3, 3" tangent draw off will raise height of kettle by 5-5/8" (143mm). Available on 60 gallon models only.



KETTLE SHOWN WITH OPTIONAL SPRING ASSIST COVER, WATER FAUCET AND T.D. VALVE

DIMENSIONS

GALS./LITERS	A1	A2	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	S	T	U	V	W	Z	
25/ IN	36 1/2	31 1/4	33 3/4	29 7/8	15 1/2	62 3/4	37 1/2	14 5/8	21	17	28 3/4	22 1/4	51 3/4	24	4	14 3/8	31					14 1/2	41 1/8
100 mm	928	794	858	759	394	1594	953	372	534	432	731	566	1315	610	102	366	788					369	1045
40/ IN	41 1/2	39 3/8				68 1/2	39 1/2	13 5/8	26	20	33 3/4	26	56	28 1/2	5 1/2	16 13/16	37 3/4	34	5 1/2	37 1/8	17 1/2	42 1/2	
150 mm	1055	1001				1740	1004	347	661	508	858	661	1423	724	140	428	959	864	140	943	445	1080	
60/ IN	45	42 7/8				75 3/4	42 1/2	14 1/8	29 1/2	21 1/2	37 1/4	29 3/4	62 1/2	31	5 1/2	18 9/16	41 1/8	37	7 3/4	38 3/8	19	46 7/8	
225 mm	1143	1090				1925	1080	359	750	547	947	756	1588	788	140	472	1045	940	197	975	483	1191	

STANDARD WATTAGE

GALS. LITERS	208V			240V			415V			480V		
	KW	1PH	3PH	KW	1PH	3PH	KW	1PH	3PH	KW	1PH	3PH
25	9.8	47.2	27.2	13.1	54.4	31.4	12.1	29.0	16.7	13.1	27.2	15.7
40	14.7	70.8	40.9	19.6	81.7	47.1	18.1	43.5	25.1	19.6	40.8	23.6
60	22.5	107.0	61.4	29.4	118.0	70.6	27.1	65.2	37.6	29.4	61.4	36.4

HIGH WATTAGE

GALS. LITERS	208V			240V			415V			480V		
	KW	1PH	3PH	KW	1PH	3PH	KW	1PH	3PH	KW	1PH	3PH
25	14.7	70.8	40.9	19.6	81.7	47.1	18.1	43.5	25.1	19.6	40.8	23.6
40	24.5	NA	68.1	32.7	NA	78.6	30.1	72.5	41.8	32.7	68.1	39.3
60	29.4	NA	81.7	39.2	NA	94.3	36.2	87.0	50.2	39.2	81.7	47.1

Consult factory for other voltages.

NOTES:

Cleveland Range reserves right of design improvement or modification, as warranted.
 Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.
 Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L., NSF, CGA, CSA, ETL and others.

WATER

3/8" O.D. copper tube or 1/2" N.P.T. pipe.

When ordered with optional faucet.

CLEARANCE

RIGHT = 4.0" handle clearance

LEFT = .00"

REAR = 2.5"

(NOT TO SCALE)

SECT. VIII PAGE 10

0609

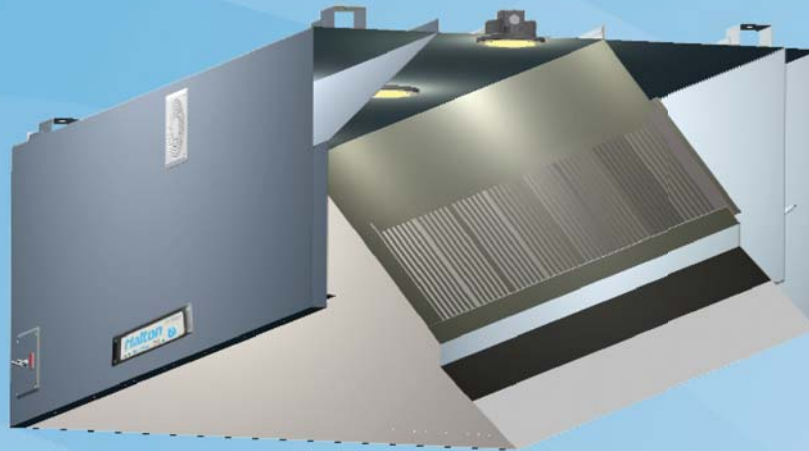
Litho in U.S.A.

KVE

Capture Jet® Hood with Side-Jet Technology

61

KVE/PC/xxxx11507/EN



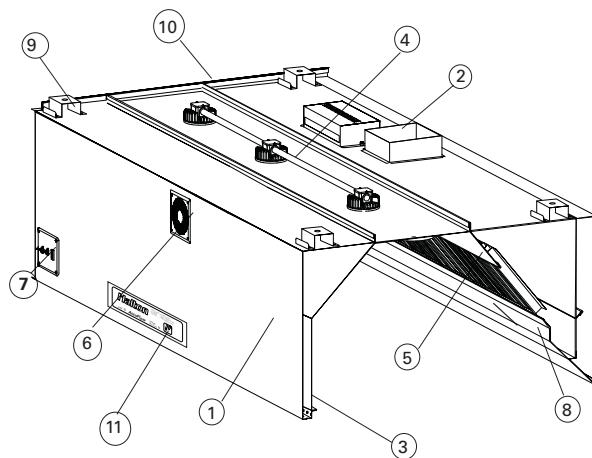
The KVE Capture Jet® hood with Side-Jet technology is a highly efficient kitchen ventilation hood that removes contaminated air and excess heat emitted by cooking equipment, helping to provide a comfortable and clean environment.

The KVE hood uses the advanced Halton Capture Jet® with Side-Jet technology to improve the capture and containment of the airflows generated by the cooking equipment. Overall exhaust airflow rates can be reduced up to 30% from those of traditional kitchen hoods.

The Capture Jet® hood with Side-Jet technology is based on the high entrainment efficiency of a compact, high-velocity capture air jet. The capture air jets efficiently induce ambient air at the critical front face area of the hood, minimizing the spillage of the contaminated air and maintaining good air quality in the chef's work area.

- Improved indoor air quality with reduced energy use. Halton Capture Jet® with Side-Jet technology reduces the exhaust airflow rates required and improves the capture and containment efficiency of the hood.
- High efficiency grease filtration using UL and NSF classified Halton KSA multi-cyclone filters for removal of up to 95% of particles with a size of 8 microns per ASTM F2519.
- T.A.B.™ (testing and balancing) ports, which allow accurate and effective commissioning.
- AccuFlow provides a visual indicator that the system is at design exhaust air values at the face of the hood. A pressure transducer measures design exhaust rate and provides a green indicator light.
- Standard LED light fixtures.
- Stainless steel, welded design.

NOTE: Factory must be advised of any special requirements of the Authority Having Jurisdiction at time of quote.



Part	Description
1	18 Ga. Stainless steel
2	Exhaust duct collar
3	Capture Jet air
4	Light fixture
5	KSA grease filters
6	Integrated Capture Jet fan intake
7	Switch panel (optional)
8	Grease collection cup
9	Hanger bracket

Construction

The KVE hood combines Capture Jet® with Side-Jet technology, light fixtures, airflow measurement T.A.B. ports and KSA grease filters. The hood shall bear ETL or UL label. The ETL/UL listed range hood without exhaust fire damper per standard 710 and be fabricated in compliance with NFPA-96, and shall bear the NSF seal of approval.

The exposed parts are manufactured from 18 ga. stainless steel.

The hood ends have double side wall construction. A concealed collection cup is fitted into the grease drain channel for easy removal of the grease and dirt extracted by the KSA multi-cyclone filters.

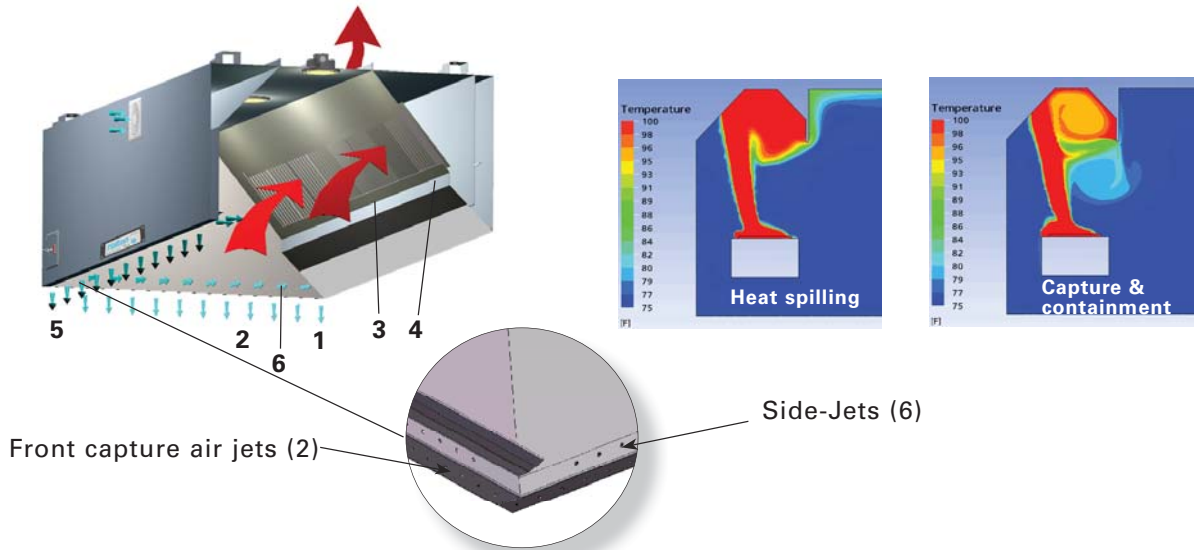
DIMENSIONS

KVE	inches
Length	48....168
Width	42....84
Height	24....30

QUICK DATA

Length	Recommended Exhaust air volumes	Recommended Capture Jet air volumes
48....168	* Actual exhaust air volumes are calculated by using the heat load based design method utilizing the Halton H.E.L.P. (Hood Engineering Layout Program)	Capture Jet average pressure 0.40" WC (without Side Jet option), 0.20" WC (with Side Jet option).
	*Average operating range from light to to heavy duty cooking loads 135 cfm to 275 cfm per linear foot	*Airflows established by a pressure reading *WC= Water Column

*Hoods are ETL or UL listed for USA per UL710, and CANADA per ULC-S646 standards, and NSF certified.



Function

The kitchen hood above cooking appliances contains the rising warm air and contaminants (1). The capture air jets (2) direct the contaminated air toward the KSA grease filters (3), where grease particles and other impurities are separated from the exhaust air using the cyclone separation principle.

- 10 Double wall construction
- 11 AccuFlow Display

The extracted grease and other air contaminants flow into a drain channel and toward the collection tray/cup (4).

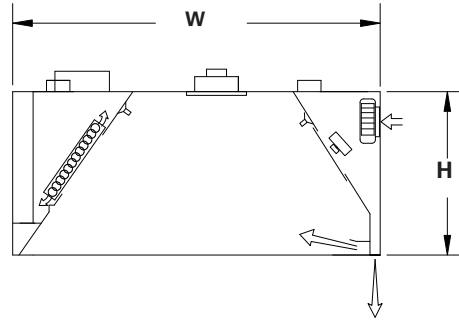
The vertical capture air improves efficiency, and allows the hood to operate at lower exhaust airflows. This is achieved by modifying the capture jet configuration on the front of the hood (5). The side jets allow for enhanced performance at the ends of the hood (6).

Accessories

- Closure Panels - for canopies below ceiling level
- Backsplash
- Side Skirts (optional)
- KFR - Filter Removal Tool
- Recessed fluorescent
- Recessed incandescent
- Incandescent globe type lights
- MEP - Master Electrical Panels
- Face or remote mounted switch panels
- Factory prepiped Fire Protection
- Powder coated
- Listed exhaust duct balancing damper
- Custom/Designer stainless steel exterior textures
- Hood mounted fire cabinet
- M.A.R.V.E.L. Demand Control w/VFD by Halton

DIMENSIONS

KVE - Wall model	inches
Length	48....168
Width	42....84
Height	24....30



Noted in drawings as:

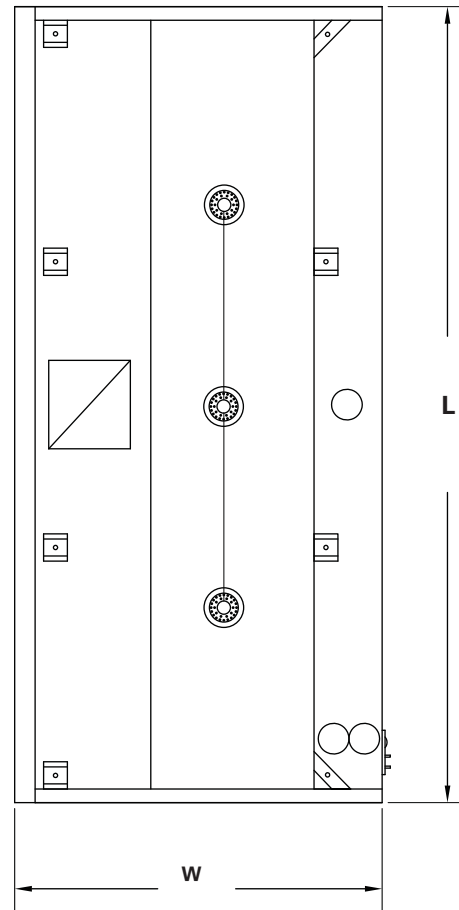
- * L = Length
- * W = Width
- * H = Height

WEIGHTS (LB)

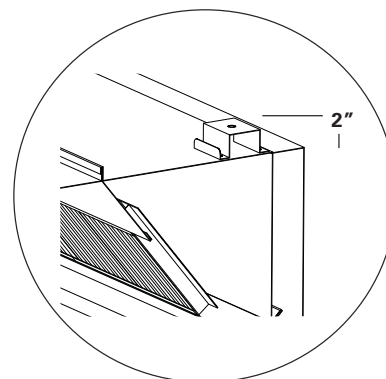
18 ga.

Estimated Crated Shipping Weight	inches	Weight
Width	48"	75 lbs / ft.
Width	54"	80 lbs / ft.
Width	60"	85 lbs / ft.

*Larger Weights - Consult Factory



Mounting bracket 2" high (52mm)



DIMENSIONS

KVE - Island model	inches
Length	48....168
Width	42....84
Height	24....30
Overall Width	84....168

Noted in drawing as:

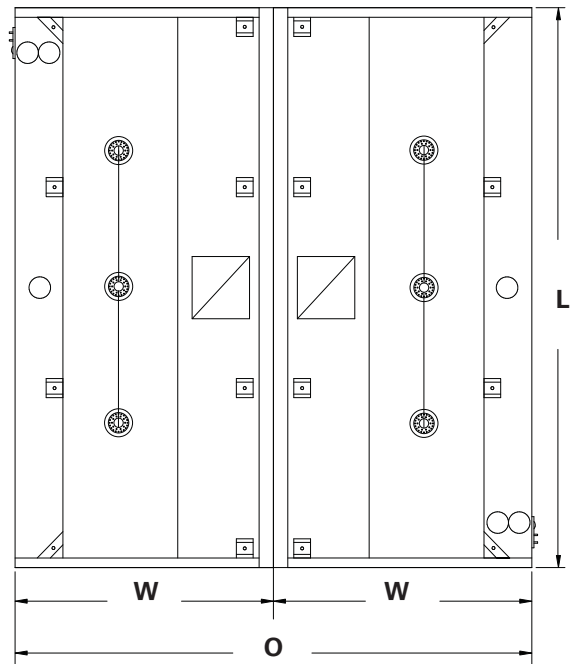
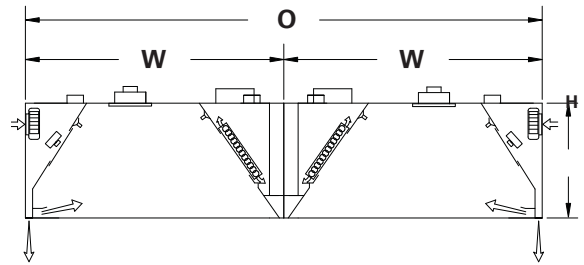
- * L = Length
- * W = Width
- * H = Height
- * O = Overall Width

WEIGHTS (LB)

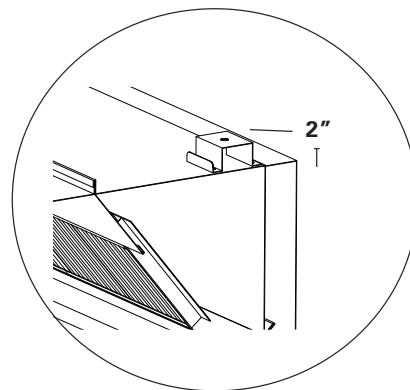
18 ga.

Estimated Crated Shipping Weight	inches	Weight
Width	48"	75 lbs / lin. ft.
Width	54"	80 lbs / lin. ft.
Width	60"	85 lbs / lin. ft.
Width	66"	90 lbs / lin. ft.
Width	72"	95 lbs / lin. ft.
Width	78"	100 lbs / lin. ft.

*Larger Weights - Consult Factory



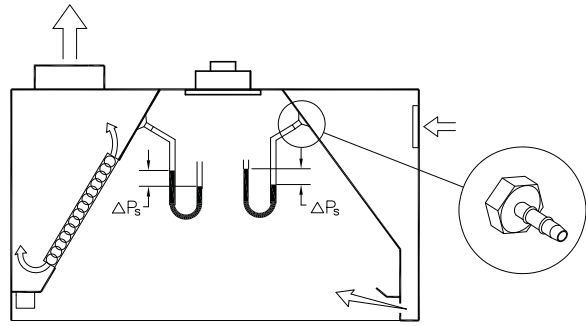
Mounting bracket 2" high (52mm)



Balancing of Capture Jet® Hoods

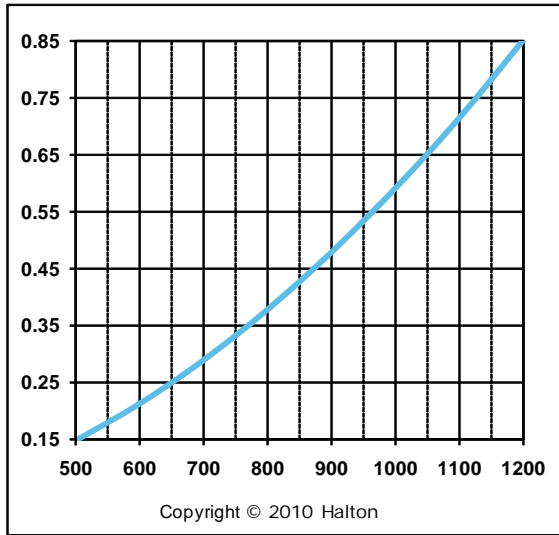
The capture jet and exhaust air flows are easily and accurately determined by measuring the pressure difference from the T.A.B. ports mounted in each plenum. Corresponding air flows can be read from the diagrams provided.

All T.A.B. readings assume cold conditions. To adjust for an exhaust temperature of 110 °F, multiply the readings by a factor of 0.93.

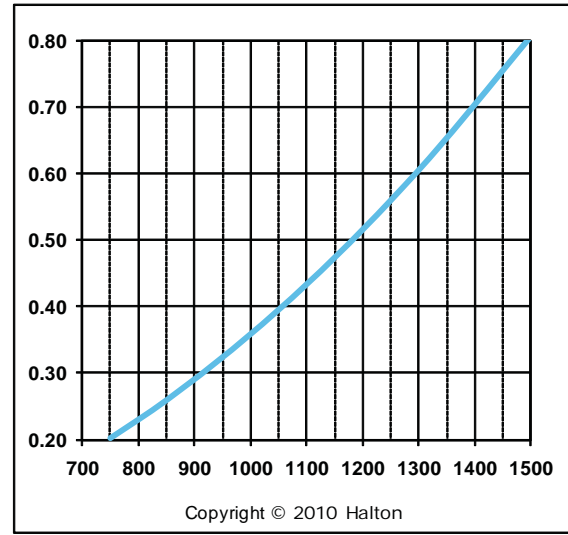


Exhaust air flow vs. pressure differential

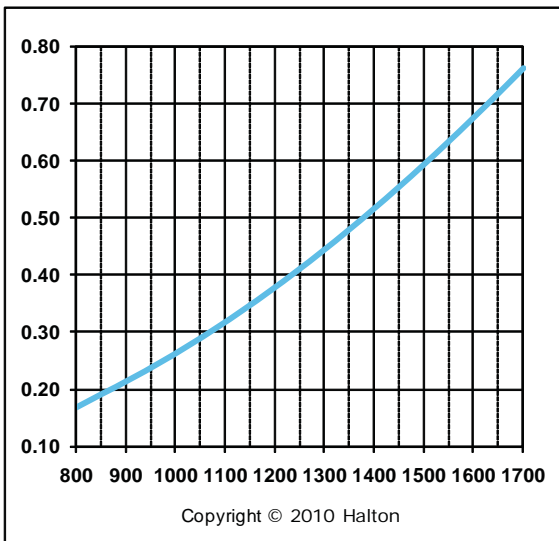
KVE/KVC- 2 Filters



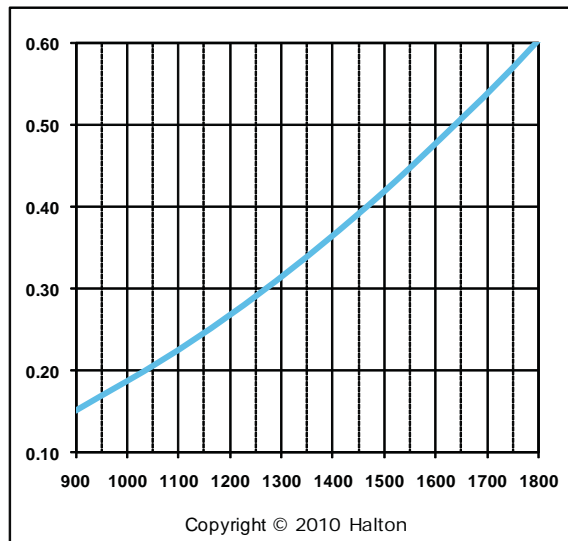
KVE/KVC- 2.5 Filters



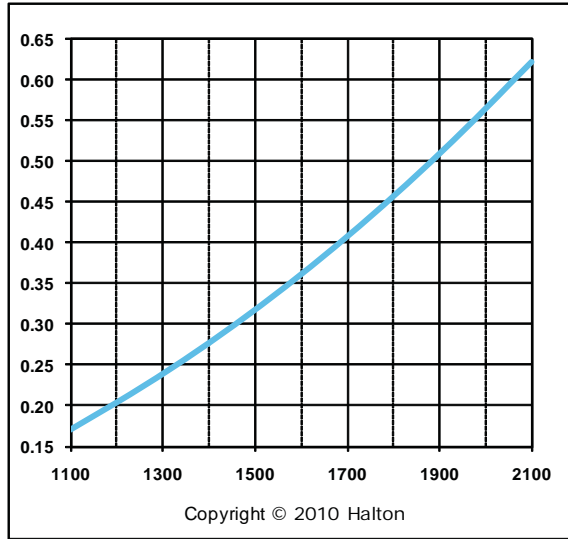
KVE/KVC- 3 Filter



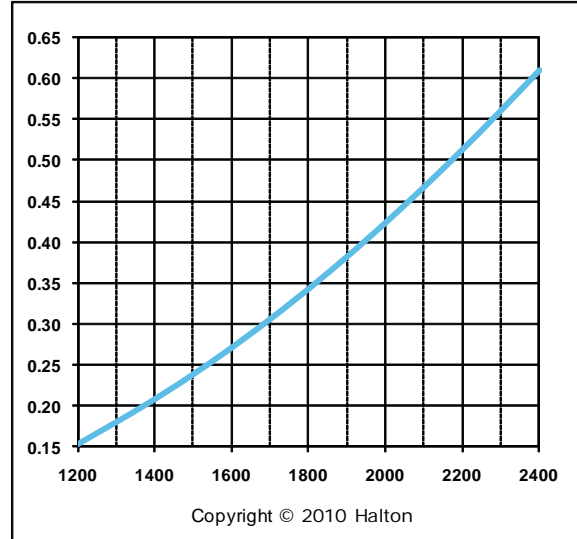
KVE/KVC- 3.5 Filters



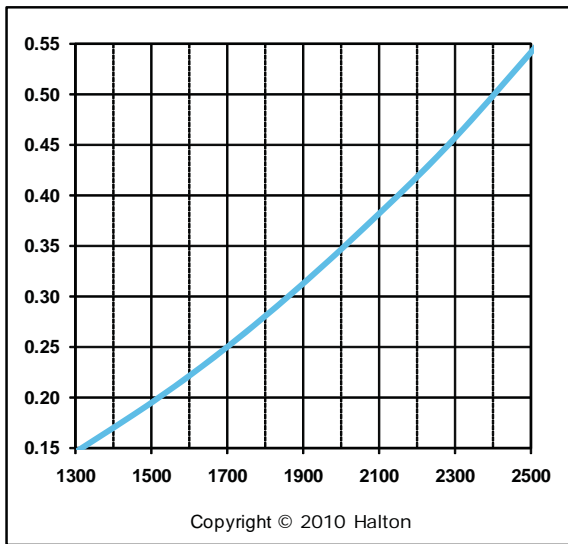
KVE/KVC- 4 Filters



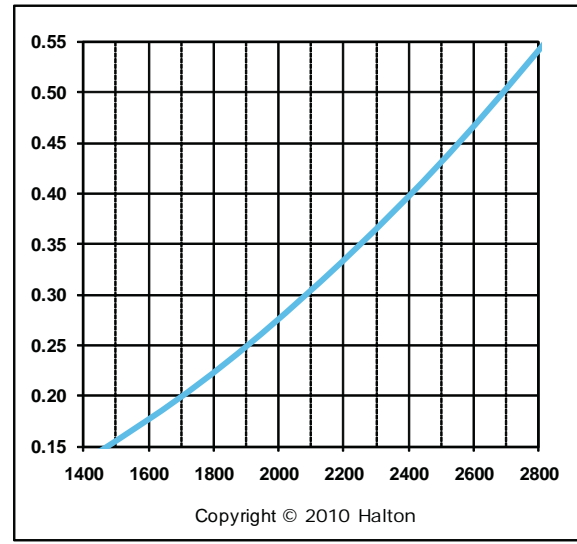
KVE/KVC- 4.5 Filters



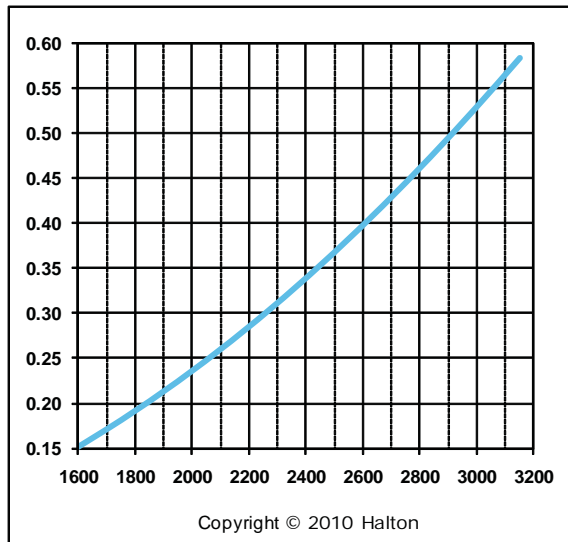
KVE/KVC- 5 Filters



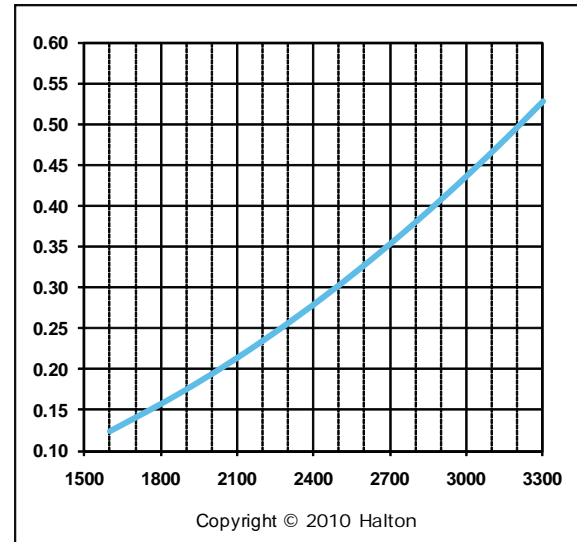
KVE/KVC- 5.5 Filters



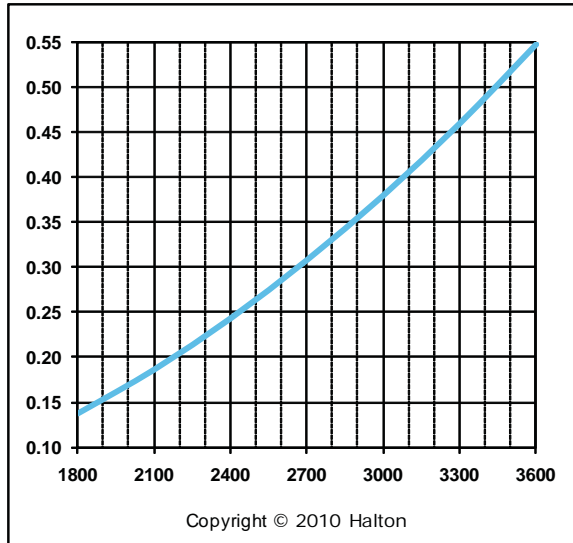
KVE/KVC- 6 Filters



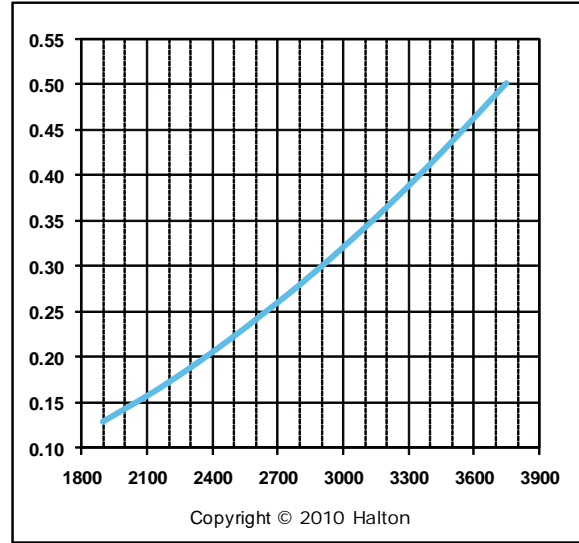
KVE/KVC- 6.5 Filters



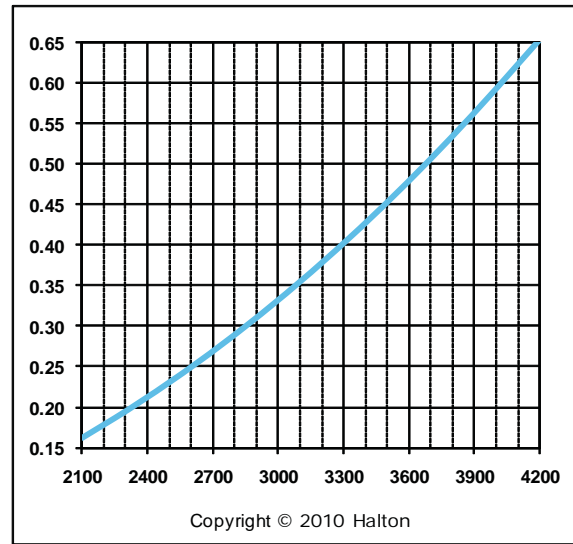
KVE/KVC- 7 Filters



KVE/KVC- 7.5 Filters, 2 Collars



KVE/KVC- 8 Filters, 2 Collars



Suggested specifications

General

Kitchen hood inner liner shall be constructed from 18 gauge stainless steel where exposed. The kitchen hoods shall be supplied complete with outer casing/main body, inner liner, exhaust duct, pressure measurement T.A.B. ports, Outer casing panels shall be constructed of stainless steel with a brushed satin finish. Each joint shall be welded and liquid tight, avoiding harmful dripping of condensation.

All exposed welds are ground and polished to the original finish of metal. Canopy ends shall be double sided wall construction (no single wall hoods permitted).

Exhaust

The exhaust airflow will be based on the convective heat generated by the appliances underneath each hood system. Submittals shall include convective heat calculations based on the input power of the appliance served.

Capture Jet® with Side-Jet Technology

The hood shall be designed with Capture Jet® with Side-Jet technology to reduce the exhaust airflow rate required, and to improve the capture and containment efficiency of the hood, while reducing energy consumption. The Capture Jet® air shall be introduced through a special discharge panel and shall not exceed 10% of the calculated exhaust airflow. The Capture Jet® discharge velocity will be a minimum of 1500 feet per minute. Slot or grille type discharge shall not be used. The Capture Jet® shall be internally mounted with a speed control and will not require a fire damper or electronic shut down in fire mode.

AccuFlow

The Capture Jet hood will come standard with the Halton AccuFlow indicator. The AccuFlow provides a visual indicator that the system is at design exhaust air values. A pressure transducer measures design exhaust rate and this is interpreted by the AccuFlow sensor by a steady green indicator light. Should the system be below design airflow, the indicator light will blink once in sequence. Should the indicator light blink twice in sequence, the exhaust airflow is above design

T.A.B. Ports

The airflows through the extractors and the Capture Jet® air chamber are to be determined through the integral T.A.B. (Testing and Balancing) ports mounted in the hood. The airflows are to be determined by the pressure vs. airflow curves supplied by Halton.

Grease Filters

The hood shall be equipped with KSA multi-cyclone stainless steel grease extractors. The KSA filters shall be NSF and UL classified. The grease extraction efficiency is 93% on particles with a diameter of 5 microns and 98% on particles with a diameter of 15 microns or larger as tested by an independent testing laboratory. The pressure loss over the extractor shall not exceed 0.50" of water at flow rates approved by U.L. for heavy load cooking. Sound levels shall not exceed an NC rating of 55. Baffle or slot type extractors shall not be used.

Light Fixtures

Hood lights shall be U.L. Listed LED fixtures, suitable for grease hoods. 20 Watts per fixture, 50 foot candles at cooking surface. Option: Recessed fluorescent, recessed incandescent or incandescent globe type lighting. The lighting shall be suitable for single phase power supply.

Control Panel

The master electrical panel consisting of one starter per motor with overload protection will be supplied. Control panel to hood or remote mounted.

Fire Suppression System

The kitchen hood fire extinguishing system shall protect the kitchen hood against grease fires by a completely automatic fire control system, which consists of wet chemical. The fire detection system shall be capable of detecting fire in the hood, duct, or surface equipment and shall automatically discharge liquid extinguishing agent into the plenum chamber, exhaust duct collar, and cooking appliance areas to ensure against re-ignition or re-flash. System components shall include a spring-loaded fusible link detector, wall mounted emergency pull stations, wall mounted automan and cabinet, and a mechanical gas valve installed in the gas line serving the cooking equipment. System installation shall be made by an authorized representative of the system manufacturer and conform to U.L. 300 requirements and local codes.



by Tyco Fire Suppression & Building Products

R-102™ RESTAURANT FIRE SUPPRESSION SYSTEMS

Data/Specifications

FEATURES

- Low pH Agent
- Proven Design
- Reliable Gas Cartridge Operation
- Aesthetically Appealing
- UL Listed – Meets Requirements of UL 300
- ULC Listed – Meets Requirements of ULC/ORD-C1254.6
- CE Marked

APPLICATION

The ANSUL® R-102™ Restaurant Fire Suppression System is an automatic, pre-engineered, fire suppression system designed to protect areas associated with ventilating equipment including hoods, ducts, plenums, and filters. The system also protects auxiliary grease extraction equipment and cooking equipment such as fryers; griddles and range tops; upright, natural charcoal, or chain-type broilers; electric, lava rock, mesquite, or gas-radiant char-broilers; and woks.

The system is ideally suitable for use in restaurants, hospitals, nursing homes, hotels, schools, airports, and other similar facilities.

Use of the R-102 system is limited to indoor applications or locations that provide weatherproof protection within tested temperature limitations. The regulated release and tank assemblies must be mounted in an area where the air temperature will not fall below 32 °F (0 °C) or exceed 130 °F (54 °C). The system must be designed and installed within the guidelines of the UL/ULC Listed Design, Installation, Recharge, and Maintenance Manual.

SYSTEM DESCRIPTION

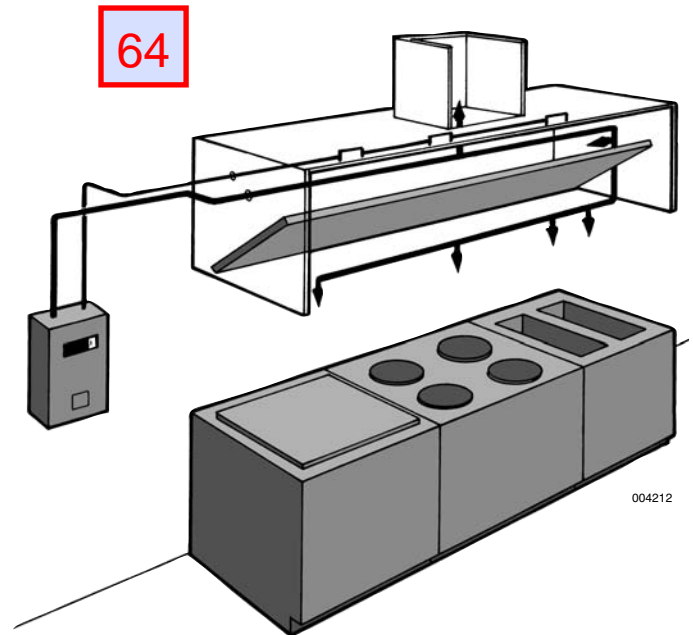
The restaurant fire suppression system is a pre-engineered, wet chemical, cartridge-operated, regulated pressure type with a fixed nozzle agent distribution network. It is listed with Underwriters Laboratories, Inc. (UL/ULC).



004215

The system is capable of automatic detection and actuation as well as remote manual actuation. Additional equipment is available for building fire alarm panel connections, electrical shutdown and/or interface, and mechanical or electrical gas line shut-off applications.

The detection portion of the fire suppression system allows for automatic detection by means of specific temperature-rated alloy type fusible links, which separate when the temperature exceeds the rating of the link, allowing the regulated release to actuate.



004212

A system owner's guide is available containing basic information pertaining to system operation and maintenance. A detailed technical manual, including system description, design, installation, recharge and resetting instructions, and maintenance procedures, is available to qualified individuals.

The system is installed and serviced by authorized distributors that are trained by the manufacturer.

The basic system consists of an ANSUL AUTOMAN® regulated release assembly which includes a regulated release mechanism and a wet chemical storage tank housed within a single enclosure. Nozzles with blow-off caps, detectors, cartridges, agent, fusible links, and pulley elbows are supplied in separate packages in the quantities needed for fire suppression system arrangements.

Additional equipment includes a remote manual pull station(s), mechanical and electrical gas valves, and electrical switches for automatic equipment and gas line shut-off. Accessories can be added such as alarms, warning lights, etc., to installations where required.

Additional tanks and corresponding equipment can be used in multiple arrangements to allow for larger hazard coverage. Each tank is limited to a listed maximum amount of flow numbers.



004213

COMPONENT DESCRIPTION

Wet Chemical Agent – The extinguishing agent is a mixture of organic salts designed for rapid flame knockdown and foam securement of grease related fires. It is available in plastic containers with instructions for wet chemical handling and usage.

Agent Tank – The agent tank is installed in a stainless steel enclosure or wall bracket. The tank is constructed of stainless steel.

Tanks are available in two sizes: 1.5 gallon (5.7 L) and 3.0 gallon (11.4 L). The tanks have a working pressure of 110 psi (7.6 bar), a test pressure of 330 psi (22.8 bar), and a minimum burst pressure of 660 psi (45.5 bar).

The tank includes an adaptor/tube assembly. The adaptor assembly includes a chrome-plated steel adaptor with a 1/4 in. NPT female gas inlet, a 3/8 in. NPT female agent outlet, and a stainless steel agent pick-up tube. The adaptor also contains a bursting disc seal which helps to prevent the siphoning of agent up the pipe during extreme temperature variations.

Regulated Release Mechanism – The regulated release mechanism is a spring-loaded, mechanical/pneumatic type capable of providing the expellant gas supply to one, two, or three agent tanks depending on the capacity of the gas cartridge used. It contains a factory installed regulator deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar). It has automatic actuation capabilities by a fusible link detection system and remote manual actuation by a mechanical pull station.

The regulated release mechanism contains a release assembly, regulator, expellant gas hose, and agent storage tank housed in a stainless steel enclosure with cover. The enclosure contains knock-outs for 1/2 in. conduit. The cover contains an opening for a visual status indicator.

It is compatible with mechanical gas shut-off devices; or, when equipped with a field or factory-installed switch and manual reset relay, it is compatible with electric gas line or appliance shut-off devices.

Regulated Actuator Assembly – When more than two agent tanks (or three 3.0 gallon (11.4 L) tanks in certain applications) are required, the regulated actuator is available to provide expellant gas for additional tanks. It is connected to the cartridge receiver outlet of the regulated release mechanism providing simultaneous agent discharge. It contains a regulated actuator deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar). It has automatic actuation capabilities using pressure from the regulated release mechanism cartridge.

The regulated actuator assembly contains an actuator, regulator, expellant gas hose, and agent tank housed in a stainless steel enclosure with cover. The enclosure contains knockouts to permit installation of the expellant gas line.

Discharge Nozzles – Each discharge nozzle is tested and listed with the R-102 system for a specific application. Nozzle tips are stamped with the flow number designation (1/2, 1, 2, or 3). Each nozzle must have a metal or rubber blow-off cap to keep the nozzle tip orifice free of cooking grease build-up.

Agent Distribution Hose – Kitchen appliances manufactured with or resting on casters (wheels/rollers) may include an agent distribution hose as a component of the suppression system. This allows the appliance to be moved for cleaning purposes without disconnecting the appliance fire suppression protection. The hose assembly includes a restraining cable kit to limit the appliance movement within the range (length) of the flexible hose.

Flexible Conduit – Flexible conduit allows for quicker installations and the convenience of being able to route the cable over, under and around obstacles. Flexible conduit can be used as a substitute for standard EMT conduit or can be used with EMT conduit.

Flexible conduit can be used only with the Molded Remote Manual Pull Station.

Pull Station Assembly – The remote manual pull station is made out of a molded red composite material. The red color makes the pull station more readily identifiable as the manual means for fire suppression system operation.

The pull station is compatible with the ANSUL Flexible Conduit.

APPROVALS

- UL/ULC Listed
- CE Marked
- New York City Department of Buildings
- LPCB
- TFR1
- Marine Equipment Directive (MED)
- DNV
- ABS
- Lloyd's Register
- Meets requirements of NFPA 96 (Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment)
- Meets requirements of NFPA 17A (Standard on Wet Chemical Extinguishing Systems)

ORDERING INFORMATION

Order all system components through your local authorized ANSUL Distributor.

SPECIFICATIONS

An ANSUL R-102 Fire Suppression System shall be furnished. The system shall be capable of protecting all hazard areas associated with cooking equipment.

1.0 GENERAL

1.1 References

- 1.1.1 Underwriters Laboratories, Inc. (UL)
 - 1.1.1.1 UL Standard 1254
 - 1.1.1.2 UL Standard 300
- 1.1.2 Underwriters Laboratories of Canada (ULC)
 - 1.1.2.1 ULC/ORD-C 1254.6
- 1.1.3 National Fire Protection Association (NFPA)
 - 1.1.3.1 NFPA 96
 - 1.1.3.2 NFPA 17A

1.2 Submittals

- 1.2.1 Submit two sets of manufacturer's data sheets
- 1.2.2 Submit two sets of piping design drawings

1.3 System Description

- 1.3.1 The system shall be an automatic fire suppression system using a wet chemical agent for cooking grease related fires.
- 1.3.2 The system shall be capable of suppressing fires in the areas associated with ventilating equipment including hoods, ducts, plenums, and filters as well as auxiliary grease extraction equipment. The system shall also be capable of suppressing fires in areas associated with cooking equipment, such as fryers; griddles and range tops; upright, natural charcoal, or chain-type broilers; electric, lava rock, mesquite or gas-radiant char-broilers; and woks.
- 1.3.3 The system shall be the pre-engineered type having minimum and maximum guidelines established by the manufacturer and listed by Underwriters Laboratories (UL/ULC).
- 1.3.4 The system shall be installed and serviced by personnel trained by the manufacturer.
- 1.3.5 The system shall be capable of protecting cooking appliances by utilizing either dedicated appliance protection and/or overlapping appliance protection.

1.4 Quality Control

- 1.4.1 Manufacturer: The R-102 Restaurant Fire Suppression System shall be manufactured by a company with at least forty years experience in the design and manufacture of pre-engineered fire suppression systems. The manufacturer shall be ISO 9001 registered.
- 1.4.2 Certificates: The wet agent shall be a specially formulated, aqueous solution of organic salts with a pH range between 7.7 – 8.7, designed for flame knock-down and foam securement of grease-related fires.

1.5 Warranty, Disclaimer, and Limitations

- 1.5.1 The pre-engineered restaurant fire suppression system components shall be warranted for five years from date of delivery against defects in workmanship and material.

1.6 Delivery

- 1.6.1 Packaging: All system components shall be securely packaged to provide protection during shipment.

1.7 Environmental Conditions

- 1.7.1 The R-102 system shall be capable of operating within a temperature range of 32 °F to 130 °F (0 °C to 54 °C).

2.0 PRODUCT

2.1 Manufacturer

- 2.1.1 Tyco Fire Suppression & Building Products, One Stanton Street, Marinette, Wisconsin 54143-2542, Telephone (715) 735-7411.

2.2 Components

- 2.2.1 The basic system shall consist of an ANSUL AUTOMAN regulated release assembly which includes a regulated release mechanism and a wet chemical storage tank housed within a single enclosure. Nozzles, blow-off caps, detectors, cartridges, agent, fusible links, and pulley elbows shall be supplied in separate packages in the quantities needed for fire suppression system arrangements. Additional equipment shall include remote manual pull station, mechanical and electrical gas valves, and electrical switches for automatic equipment and gas line shut-off, and building fire alarm control panel interface.
- 2.2.2 Wet Chemical Agent: The extinguishing agent shall be a specially formulated, aqueous solution of organic salts with a pH range between 7.7 – 8.7, designed for flame knockdown and foam securement of grease related fires.
- 2.2.3 Agent Tank: The agent tank shall be installed in a stainless steel enclosure or wall bracket. The tank shall be constructed of stainless steel. Tanks shall be available in two sizes; 1.5 gallon (5.7 L) and 3.0 gallon (11.4 L). The tank shall have a working pressure of 110 psi (7.6 bar), a test pressure of 330 psi (22.8 bar), and a minimum burst pressure of 660 psi (45.5 bar). The tank shall include an adaptor/tube assembly containing a burst disc union.
- 2.2.4 Regulated Release Mechanism: The regulated release mechanism shall be a spring-loaded, mechanical/pneumatic type capable of providing the expellant gas supply to one or two agent tanks depending on the capacity of the gas cartridge used or three 3.0 gallon (11.4 L) agent storage tanks in certain applications. It shall contain a factory installed regulator deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar).
It shall have the following actuation capabilities: automatic actuation by a fusible link detection system and remote manual actuation by a mechanical pull station.
The regulated release mechanism shall contain a release assembly, regulator, expellant gas hose, and agent storage tank housed in a stainless steel enclosure with cover. The enclosure shall contain knock-outs for 1/2 in. conduit. The cover shall contain an opening for a visual status indicator.
It shall be compatible with mechanical gas shut-off devices; or, when equipped with a field or factory-installed switch(es), it shall be compatible with electric gas line or appliance shut-off devices, or connections to a building fire alarm control panel.
- 2.2.5 Regulated Actuator Assembly: When more than two agent tanks or three agent tanks in certain applications are required, the regulated actuator shall be available to provide expellant gas for additional tanks. It shall be connected to the cartridge receiver outlet of the regulated release mechanism providing simultaneous agent discharge. The regulator shall be deadset at 110 psi (7.6 bar) with an external relief of approximately 180 psi (12.4 bar). The regulated actuator assembly shall contain an actuator, regulator, expellant gas hose, and agent tank housed in a stainless steel enclosure with cover. The enclosure shall contain knockouts to permit installation of the expellant gas line.
- 2.2.6 Discharge Nozzles: Each discharge nozzle shall be tested and listed with the R-102 system for a specific application. Nozzles tips shall be stamped with the flow number designation (1/2, 1, 2, or 3). Each nozzle shall have a metal or rubber blow-off cap to keep the nozzle tip orifice free of cooking grease build-up.

SPECIFICATIONS

2.0 PRODUCT (Continued)

2.2 Components (Continued)

- 2.2.7 Distribution Piping: Distribution piping shall be Schedule 40 black iron, chrome-plated, or stainless steel conforming to ASTM A120, A53, or A106.
- 2.2.8 Detectors: The detectors shall be the fusible link style designed to separate at a specific temperature.
- 2.2.9 Cartridges: The cartridge shall be a sealed steel pressure vessel containing either carbon dioxide or nitrogen gas. The cartridge seal shall be designed to be punctured by the releasing device supplying the required pressure to expel wet chemical agent from the storage tank.
- 2.2.10 Agent Distribution Hose: An optional agent distribution hose shall be available for kitchen appliances manufactured with or resting on casters (wheels/rollers). This shall allow the appliance to be moved for cleaning purposes without disconnecting the appliance fire suppression protection. Hose assembly shall include a restraining cable kit to limit the appliance movement within the range (length) of the flexible hose.
- 2.2.11 Flexible Conduit: The manufacturer supplying the Restaurant Fire Suppression System shall offer flexible conduit as an option to rigid EMT conduit for the installation of pull stations and/or mechanical gas valves. The flexible conduit shall be UL Listed and include all approved components for proper installation.
- 2.2.12 Pull Station Assembly: The Fire Suppression System shall include a remote pull station for manual system actuation. The pull station shall be designed to include a built-in guard to protect the pull handle. The pull station shall also be designed with a pull handle to allow for three finger operation and shall be red in color for quick visibility.

3.0 IMPLEMENTATION

3.1 Installation

- 3.1.1 The R-102 fire suppression system shall be designed, installed, inspected, maintained, and recharged in accordance with the manufacturer's listed instruction manual.

3.2 Training

- 3.2.1 Training shall be conducted by representatives of the manufacturer.

► Indicates revised information

ANSUL, ANSUL AUTOMAN, and R-102 are trademarks of Tyco Fire Suppression & Building Products or its affiliates.



T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



REG. #A2601
ISO #9001

Model No.
B-7122-C02

Item No.

65

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

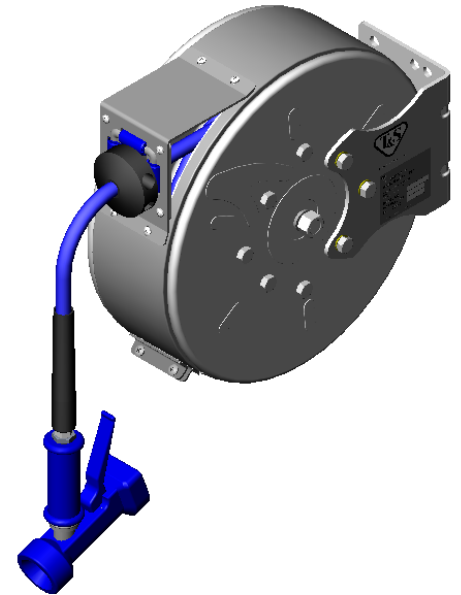
Job Name _____ Date _____

Model Specified _____ Quantity _____

Customer/Wholesaler _____

Contractor _____

Architect/Engineer _____

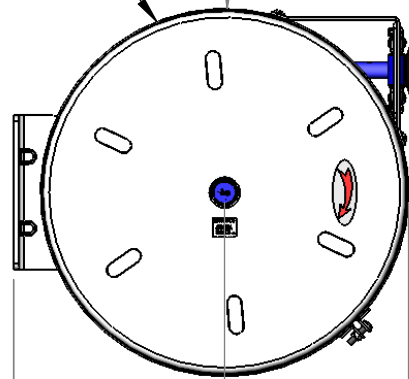


3/8" NPT Female Inlet
(Left Side of Reel)

Enclosed Stainless Steel Hose Reel;
30 Ft. of 3/8" Hose

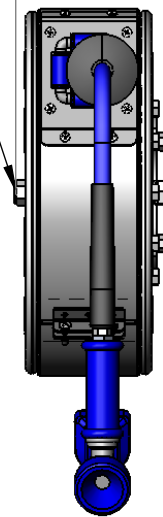
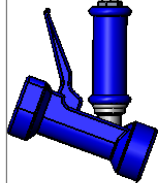
Ø 15 3/8"
[390mm]

6 7/16"
[164mm]

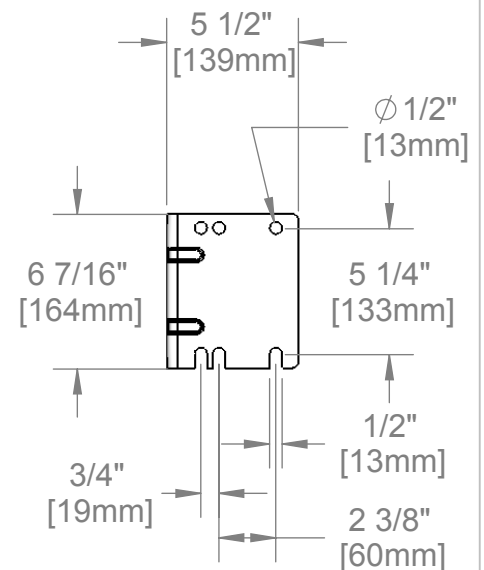


8 13/16"
[223mm]

16 7/16"
[418mm]



MV-2516-24 Rear Trigger Style Gun
w/ Retractable Hold Down Clip,
Stainless Steel Body and Royal
Blue Rubber Cover.



Product Specifications:

3/8" x 30 Ft. Enclosed Stainless Steel Reel
MV-2516-24 Rear Trigger, 5/16" Spray Gun

Drawn JRM	Checked DHL	Approved JHB
Scale: 1:8	Date: 12/19/07	



T&S BRASS AND BRONZE WORKS, INC.
 2 Saddleback Cove / P.O. Box 1088
 Travelers Rest, SC 29690



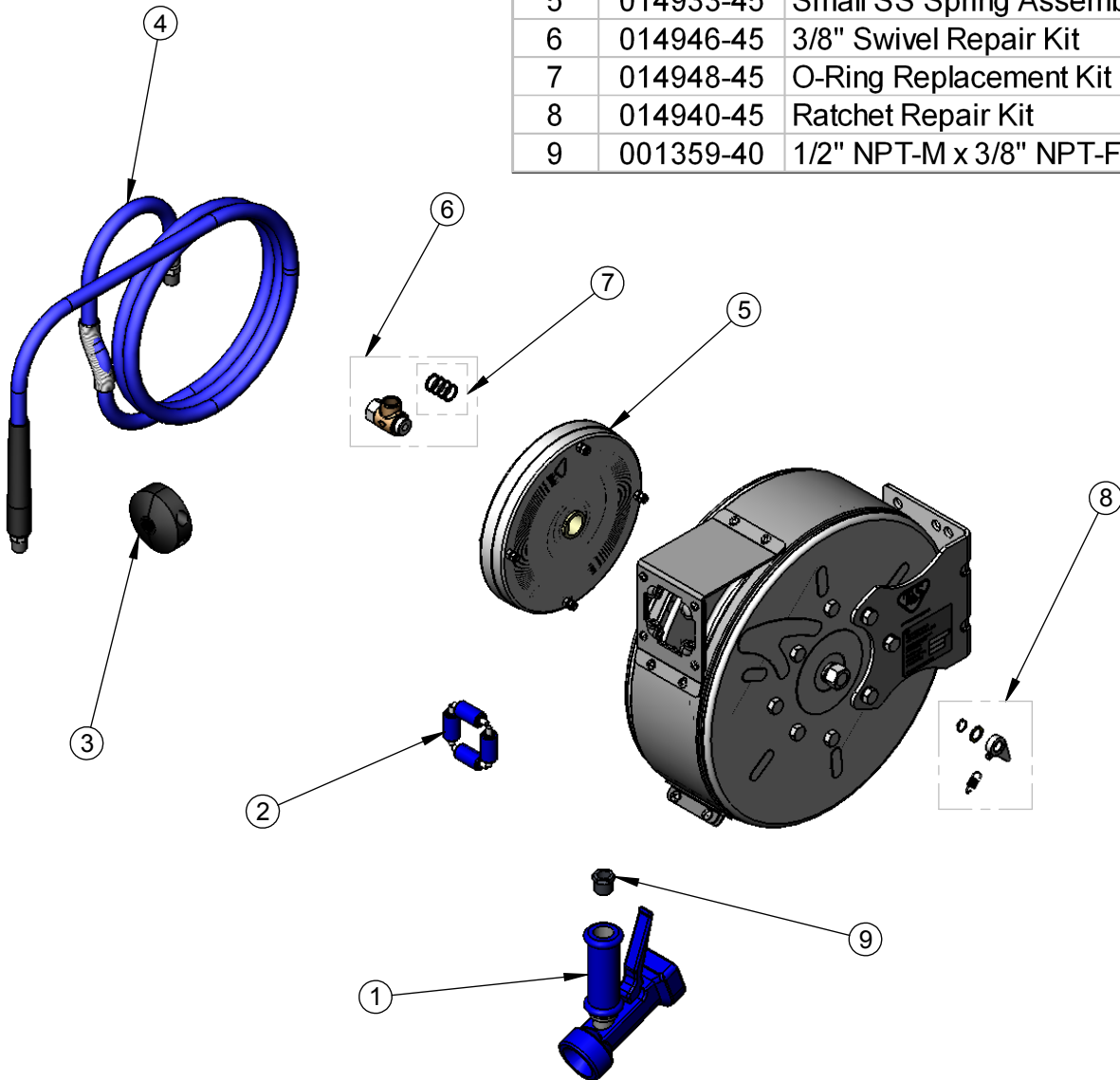
REG. #A2601
 ISO #9001

Model No.
B-7122-C02

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

ITEM NO.	SALES NO.	DESCRIPTION
1	MV-2516-24	5/16" Orifice, Rear Trigger Gun
2	014936-45	Roller Assembly Repair Kit
3	014949-45	Hose Stop Repair Kit
4	014943-45	3/8" x 30' Hose Replacement Kit
5	014933-45	Small SS Spring Assembly
6	014946-45	3/8" Swivel Repair Kit
7	014948-45	O-Ring Replacement Kit
8	014940-45	Ratchet Repair Kit
9	001359-40	1/2" NPT-M x 3/8" NPT-F Adapter



Product Specifications:

3/8" x 30 Ft. Enclosed Stainless Steel Reel
 MV-2516-24 Rear Trigger, 5/16" Spray Gun

Drawn JRM	Checked DHL	Approved JHB
Scale: 1:8		Date: 12/19/07



Master Series Heavy Duty Open Burner Top Range

Item: 66

Quantity: _____

Project: _____

Approval: _____

Date: _____

Master Series Heavy Duty Open Burner Top Range

Models:

- M43R M43S M43T

Range With Six Open Star Burners



Model M43R

Standard Features:

- Stainless steel front and sides
- 6" (152mm) chrome steel adj. legs
- 7-1/2" (191mm) stainless steel front rail
- Six (6) 24,000 BTU, (7 kW) natural, 20,000 BTU (5.86kW) propane Starfire burners
- Removable ring grate bowl over each burner
- Cast iron top grates
- One-piece Stainless Steel drip tray
- Piezo spark ignition for oven
- Fully porcelainized oven interior
- 40,000 BTU, (11.72 kW) natural gas, 35,000 BTU (10.75kW) propane gas cast iron oven burner
- Storage base interior of aluminized steel

Optional Features:

- Stainless steel common front rail up to 102" (2591mm) wide (two or more units in a battery)
- Stainless steel main back
- Stainless steel oven interior

- Convection oven base, add C to Model No., e.g. M43RC
- Additional oven rack
- Rear gas connection; 3/4", 1", or 1-1/4" NPT
- Gas regulator 3/4" or 1-1/4"
- Gas shut off valve; 3/4", 1" or 1-1/4" NPT
- Gas flex hose & quick disconnect (3/4", 1" or 1-1/4" NPT x 5') w/restraining device, please specify
- End caps and cover, NC, specify
- Set of (4) Polyurethane non-marking swivel casters w/front brakes
- 6" (152mm) stainless steel adj. legs
- Storage base shelf of aluminized or stainless steel
- Stainless steel tubular high shelf, single or double deck
- Stainless steel backguard: 10" (354mm), 17" (432mm) or 33" (838mm)
- 230 volt, 50 cycle components, RC motor (export)
- Celsius dial for oven thermostat, NC

Specifications:

Heavy-duty gas range with oven, with six (6) 24,000 BTU, (7 kW), Starfire burners. Heavy-duty cast iron top grates/ring grates. 34" (864mm) wide x 38" (965mm) deep, including 7-1/2" (191mm) deep stainless steel front rail. Porcelain enamel oven interior with 40,000 BTU, (11.72 kW), cast iron burner. Stainless steel front and sides. Natural or propane gas. Also available with storage base with doors, suffix S, and modular top, suffix T.

NOTE: Ranges supplied with casters must be installed with an approved restraining device.



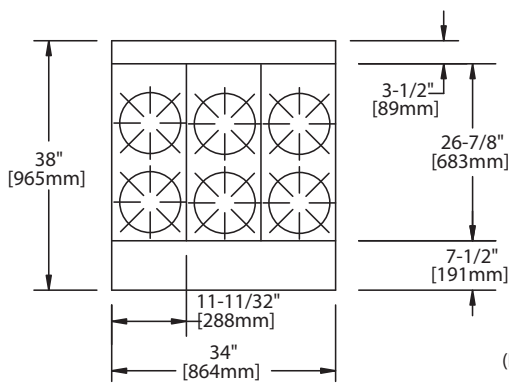
Product	Width: In(mm)	Depth: In(mm)	Height: In(mm) (w/ NSF Legs)	Height: In(mm) (w/o NSF Legs)	Oven/Storage Base Interior: in(mm)		
					Width	Depth	Height
M43R	34(864)	38(965)	36-1/4(921)	30-1/4(768)	26-1/4(667)	29(737)**	13-1/2(343)
M43S	34(864)	38(965)	36-1/4(921)	30-1/4(768)	26(665)	30-1/2(773)	20-1/2(519)
M43T	34(864)	38(965)	36-3/8(924) w/stand	9-1/2(241) w/o stand*	N/A	N/A	N/A

*Modular Top has 1/2" seating flanges **RC oven is 25"(635mm) deep

INPUT-BTU/hr (Natural Gas)	M43R & M43RC	M43S & M43T
Top Section***	144,000 (42.19kW)	144,000 (42.19kW)
Oven***	40,000 (11.72kW)	N/A
Total	184,000 (53.91kW)	144,000 (42.19kW)

RC=Range w/Convection Oven R=Range w/Oven S=Range w/Storage Base T=Modular Top
 *** Top Sections rated 120,000 BTU (35.16kW) and Oven Rated 35,000 BTU (10.25kW) for Propane gas

INSTALLATION NOTES			Shipping Wt: (Lb/Kg) ²
Combustible Wall Clearances¹	Entry Clearances	Operating Pressure	M43R 440/200
Sides: 11" (279mm) Back: 6" (152mm)	Crated: 39-1/4"(997mm) Uncrated: 34-1/4" (870mm)	Natural: 6 WC (15mbar) Propane: 10 WC (25mbar)	M43S 340/155
			M43T 250/114



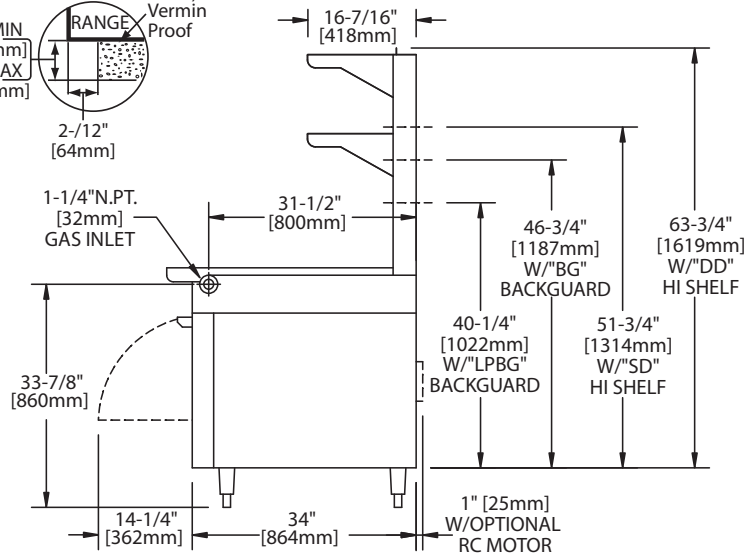
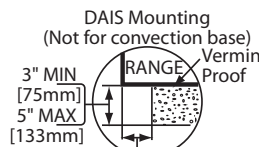
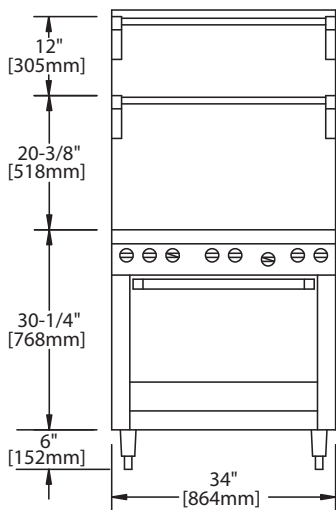
¹NOTE: Installation clearance reductions are applicable only where local codes permit.

²Shipping Cubic Feet 50 for R & S Models, 20 for T models

Data applies only to North America

Gas input ratings shown here are for installations up to 2,000 ft. (610m) above sea level. Specify altitudes over 2,000 ft.

Electrical characteristics each RC oven: 1/3 HP motor, 120 VAC, single phase, 3.4 amps, 6 ft. (1.8m) power cord with NEMA 5-15P plug provided. 230 VAC export is direct connect, single phase, 50 Hz. Please specify gas type when ordering.



Form# M43 (04/08/13)



Master Series Spreader Plates & Cabinets

67

Item: _____
Quantity: _____
Project: _____
Approval: _____
Date: _____

Master Series Spreader Plates & Cabinets

Models:

- M12ES
- M17ES
- M24ES
- M12SP
- M17SP
- M24SP
- M24SPT



Model M17ES

Standard Features:

- Stainless steel front and sides
- 7-1/2" (191mm) stainless steel front rail
- Stainless steel top plate
- 1-1/4" NPT manifold joins adjacent equipment
- Cabinet storage base interior of aluminized steel

Optional Features:

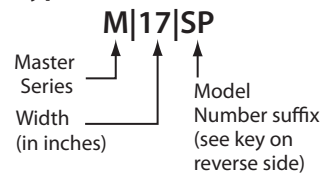
- Stainless steel back
- Stainless steel common front rail up to 68" (1728mm) wide (two or more units in a battery)
- Stainless steel tubular high shelf, single or double deck
- Stainless steel backguard: 10" (354mm), 17" (432mm) or 33" (838mm) High

- Stainless steel sink
- 1 1/4" and 2" NPT rear gas connection for 12" (308mm), 17" (432mm), and 24" (610mm) spreaders.
- Swivel casters (4) w/front brakes, (cabinets only)
- Polyurethane non-marking swivel casters (4) w/front brakes (cabinets only)
- 6" (152mm) stainless steel adjustable legs (cabinets only)
- Storage base shelf of aluminized or stainless steel in 17" (432mm) and 24" (610mm) cabinets.

Specifications:

Spreader plates provide additional work space between ranges or at the end of a battery. A 1-1/4" NPT manifold joins adjacent equipment for a continuous battery design, protected by a stainless steel manifold cover. Standard widths are 12" (610mm), 17" (432mm) and 24" (610mm), (Special sizes are available.) Spreader plate is available as modular (24") or cabinet base. Front enclosures are available as stainless steel and completely removable pieces as special. Available in standard widths listed above, as well as special sizes. Cabinets have stainless steel doors and sides on 17" (432mm) and 24" (610mm).

Typical Model Number



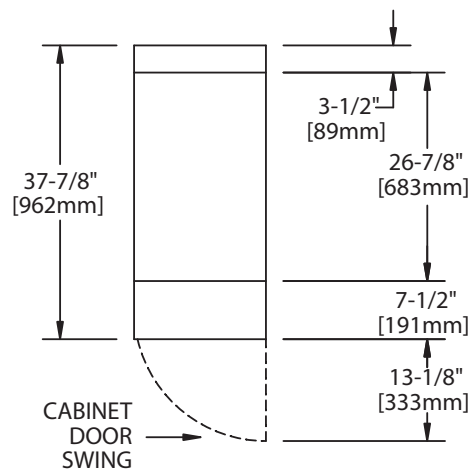
Model Number Suffixes:

SP = Spreader Plate only. Available in 12" (308mm), 17" (432mm) and 24" (610mm). and 34" (864mm) widths *

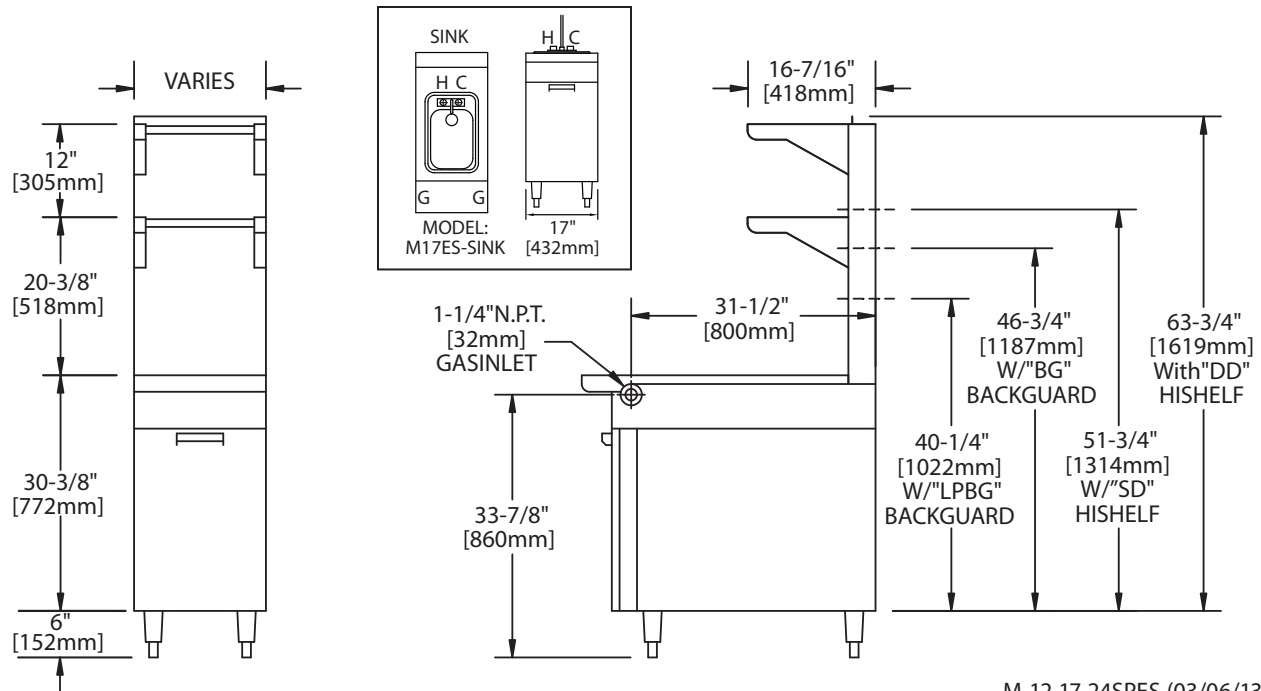
ES = Full Spreader Cabinet. Available in 12" (308mm), with door on 17" (432mm) and 24" (610mm).*

SPT = 24" (610mm) Spreader Plate - "Modular" to match other modular top sections and for use with refrigerated bases.

* Special widths available upon request (additional charge).



SHIPPING					
Model	Lb/Kg	Cu Ft	Model	Lb/Kg	Cu Ft
M12SP	50/23	7	M12ES	125/56	19
M17SP	75/34	9	M17ES	175/79	24
M24SP	105/48	11	M24ES	190/86	20
M24SPT	105/48	11			



M-12-17-24SPES (03/06/13)



Master Series Heavy Duty Plancha Style Range Top Option

Item: 68

Quantity: _____

Project: _____

Approval: _____

Date: _____

Master Series Heavy Duty Plancha Style Range Top Option

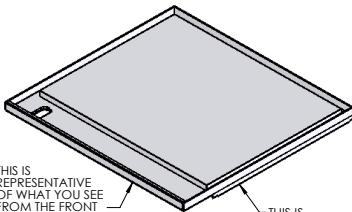
Models:

- M47R M47S M47T

Valve Controlled Plancha Griddle Top Range



Model M47R



THIS IS REPRESENTATIVE OF WHAT YOU SEE FROM THE FRONT

THIS IS REPRESENTATIVE OF WHAT YOU SEE FROM THE SIDE

Standard Features:

- Plancha griddle plate is a 1" (25mm) thick steel griddle plate with side & rear 1"(25mm) wide side perimeter troughs with a 5" (127mm) front trough.
- 2-5/16" (591mm) high welded steel splash guard sides and back
- Stainless steel front and sides
- 6" (152mm) chrome steel adj. legs
- 7-1/2" (191mm) stainless steel front rail
- Clip-on stainless steel backsplash
- Removable front-mounted stainless steel grease receptacle
- Hi-Lo valve control for each griddle burner
- Three "H" griddle burners 99,000 BTU (29 kW) total
- Piezo spark ignition for oven
- Fully porcelainized oven interior
- Storage base interior of aluminized steel w/shelf, (Suffix S)
- Modular top section, (Suffix T)
- 40,000 BTU (11.72kW) natural gas, 35,000 (10.25 kW) propane gas cast iron oven burner

Optional Features:

- Stainless steel common front rail up to 68" (1728mm) wide (two or more units in a battery)

- Stainless steel main back
- Fully grooved griddle (or grooved sections)
- Stainless steel oven interior
- Convection oven base, add C to Model No., e.g. M47RC
- Additional oven rack
- Rear gas connection, 3/4" or 1" NPT
- Gas regulator 3/4" or 1-1/4"
- Gas shut off valve; 3/4", 1" or 1-1/4" NPT
- Gas flex hose & quick disconnect (3/4", 1" or 1-1/4" NPT x 5") w/restraining device, please specify
- End caps and cover, (NC) - specify
- Swivel casters (4) w/front brakes
- Polyurethane non-marking swivel casters (4) w/front brakes
- 6" (152mm) stainless steel adj. legs
- Dais base (not for use with "RC" oven)
- Storage base shelf of aluminized or stainless steel
- Stainless steel tubular high shelf, single or double deck
- Stainless steel backguard: 10" (354mm), 17" (432mm) or 33" (838mm)
- 230 volt, 50 cycle components, RC motor (export)
- Celsius dial for oven thermostat, NC

Specifications:

Heavy-duty gas range with oven, Model M47R. One 34" (864mm) wide, valve-controlled plancha style perimeter trough griddle plate. 1" (25mm) thick, 99,000 BTU (29 kW) total. 34" (864mm) wide x 38" (965mm) deep, including 7-1/2" (191mm) deep stainless steel front rail. Porcelain enamel oven interior measuring 26-1/4" (667mm) wide x 13-1/2" (343mm) high x 29" (737mm) deep. 40,000 BTU (11.72 kW) cast iron burner. Stainless steel front and sides. 139,000 BTU (40.73 kW) total. Natural or propane gas. Also Available with storage base(s) w/doors, suffix S, and Modular top, suffix T.



NOTE: Ranges supplied with casters must be installed with an approved restraining device.



Product	Width: In(mm)	Depth: In(mm)	Height: In(mm) (w/ NSF Legs)	Height: In(mm) (w/o NSF Legs)	Oven/Storage Base Interior: in(mm)		
					Width	Depth	Height
M47R	34(864)	38(965)	36-3/8(924)	30-3/8(772)	26-1/4(667)	29(737)**	13-1/2(343)
M47S	34(864)	38(965)	36-3/8(924)	36-3/8(924)	26(665)	30-1/2(773)	20-1/2(519)
M47T	34(864)	38(965)	36-3/8(924) w/stand	9-1/2 (241) w/o stand*	N/A	N/A	N/A

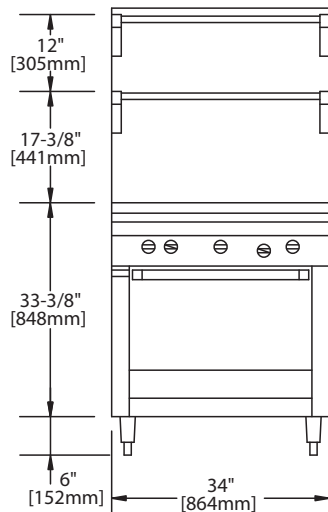
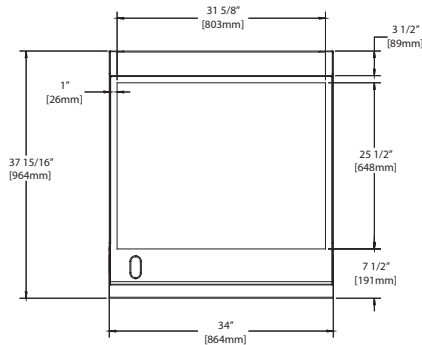
*Modular top has 1-1/2" seating flanges. **RC oven is 25" (635mm) deep.

INPUT-BTU/hr(Natural Gas)	M47R & M47RC	M47S & M47T
Top Section	99,000 (29.00kW)	99,000 (29.00kW)
Oven***	40,000 (11.72kW)	N/A
TOTAL	139,000 (40.72kW)	99,000 (29.00kW)

RC=Range w/Convection Oven R=Range w/Oven S=Range w/Storage Base T=Modular Top

*** Oven rated 35,000BTU (10.25kW) for Propane Gas

INSTALLATION NOTES			Shipping Wt: (Lb/Kg) ²
Combustible Wall Clearances ¹	Entry Clearances	Operating Pressure	
Sides: 14" (356mm) Back: 6" (152mm)	Crated: 39-1/4" (997mm) Uncrated: 34-1/4" (870mm)	Natural: 6" WC (15mbar) Propane: 10" WC (25mbar)	M47R 600/273 M47S 500/227 M47T 410/186



¹NOTE: Installation clearance reductions are applicable only where local codes permit.

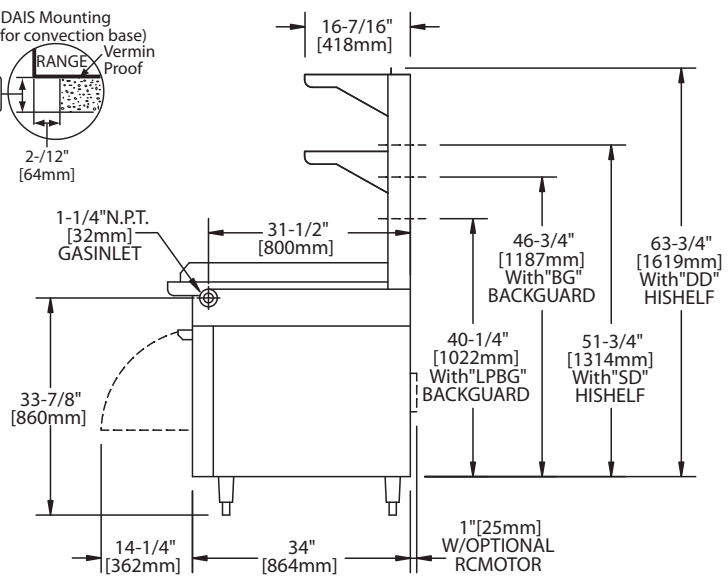
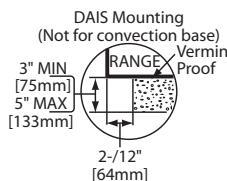
²Shipping Cubic Feet 50 for R & S Models, 20 for T models

Data applies only to North America

Gas input ratings shown here are for installations up to 2,000 ft. (610m) above sea level. Specify altitudes over 2,000 ft.

Electrical characteristics each RC oven: 1/3 HP motor, 120 VAC, single phase, 3.4 amps, 6 ft. (1.8m) power cord with NEMA 5-15P plug provided. 230 VAC export is direct connect, single phase, 50 Hz.

Please specify gas type when ordering.



NOTE: Overall depth including front rail and flue depth is 37 7/8" (962mm).

Form# M47Plancha (04/08/13)

SteamCraft® Ultra 5

COUNTER TYPE DESIGN

PRESSURELESS CONVECTION STEAMER

ELECTRIC STEAM GENERATOR, 16 KW

MODEL: 21-CET-16

Cleveland Standard Features

- Cooking Capacity for up to five 12" x 20" x 2½" deep Cafeteria Pans.
- **Innovative PowerPak Electric Steam Generator:** Two Special Stainless Steel Fire Bar Heating Element. Strong 14 Gauge Stainless Steel Construction. Large 5 gallon generator reservoir for faster steam cooking production. Fully insulated rear mounted steam generator.
- **Easy Access Cleaning Port:** Generator Cleaning Port located on the outside, top of the unit. Not necessary to remove hot panels or pan rack guides.
- **Instant Steam Stand By Mode:** Hold generator at a steaming temperature. Allows unit to start cooking instantly.
- **Durable 14 Gauge, Stainless Steel Construction:** For compartment door, cavity and steam generator.
- **One 60 Minute Electro-Mechanical Timer and Switch for manual operation:** Audible signal for cooking time completion.
- **Main Power On/Off Switch:** With Automatic Water Fill.
- **Exclusive Steam Cooking Distribution System:** Maintenance Free Exclusive Brass Steam Jets produce a high velocity convection steam without fans. Coved Corner design in cooking compartment distributes heat evenly, and is easy to keep clean. Creased top & bottom enhance drainage. Cold water condenser behind drain maintains a dry steam. Fully Insulated cooking compartment for thermal efficiency. Removable Stainless Steel Slide Racks for easy cleaning.
- **Automatic Generator Drain:** Contains a "Water Jet" Spray Rinse Drain Cleaning Cycle to keep drain clear.
- **Exclusive Automatic Remote Probe Type Water Level Control:** Separate from the generator for easy access.
- **Exclusive "Cool to the Touch" Two-Piece Compartment Door Design:** Free floating inner door with reversible gasket provides an air tight seal. Stainless Steel Slam/Latch Door Latch mechanism for reliability.
- **Left Hand Door Hinging:** Compartment Doors hinged on the left, controls on the right.
- Available in most voltages, three phase only.

Options & Accessories

- Right hand Door Hinging, Controls on the Left (DHR)
- Electronic Timer with Compensating Load Feature (ETC)
- ON/OFF Steam Switch for compartment controls (MC)



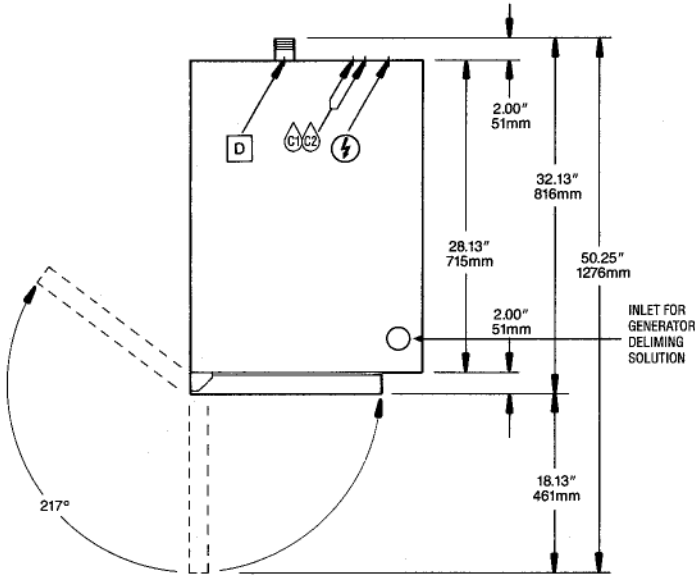
Shown with optional Electronic Timer

Short Form Specifications

Shall be CLEVELAND, SteamCraft® Ultra 5, one compartment, Counter-Type Steamer, Model 21-CET-16, ___volts, 16.5 KW, ___Hz, 3 phase, heavy duty all Stainless Steel construction; rear mounted, insulated Steam Generator with Remote Probe Type Water Level Controls and Automatic Steam Generator Blowdown with "Water Jet" Drain Cleaning feature.

- 34" (864mm) High Stainless Steel Economy Stand, for one 21-CET-16 (UniStand34)
- POSK Pull-Out Shelf Kit for UniStand (P/N 111724)
- URK Pan Rack Kit UniStand (P/N 111726)
- 4" Stainless Steel Legs (LF4)
- Equipment Stacking Stand Shelf Type (ES2446)
- Dissolve® Descale Solution, 6 one gallon container w/quarter markings (106174)
- Compartment Door Steam Shut Off Switch (SCS)
- Cafeteria Pans in depths of 1", 2½" and 4"
- Water Filters

- Compartment has capacity for:
Five, 12" x 20" x 2½" deep Cafeteria Pans.



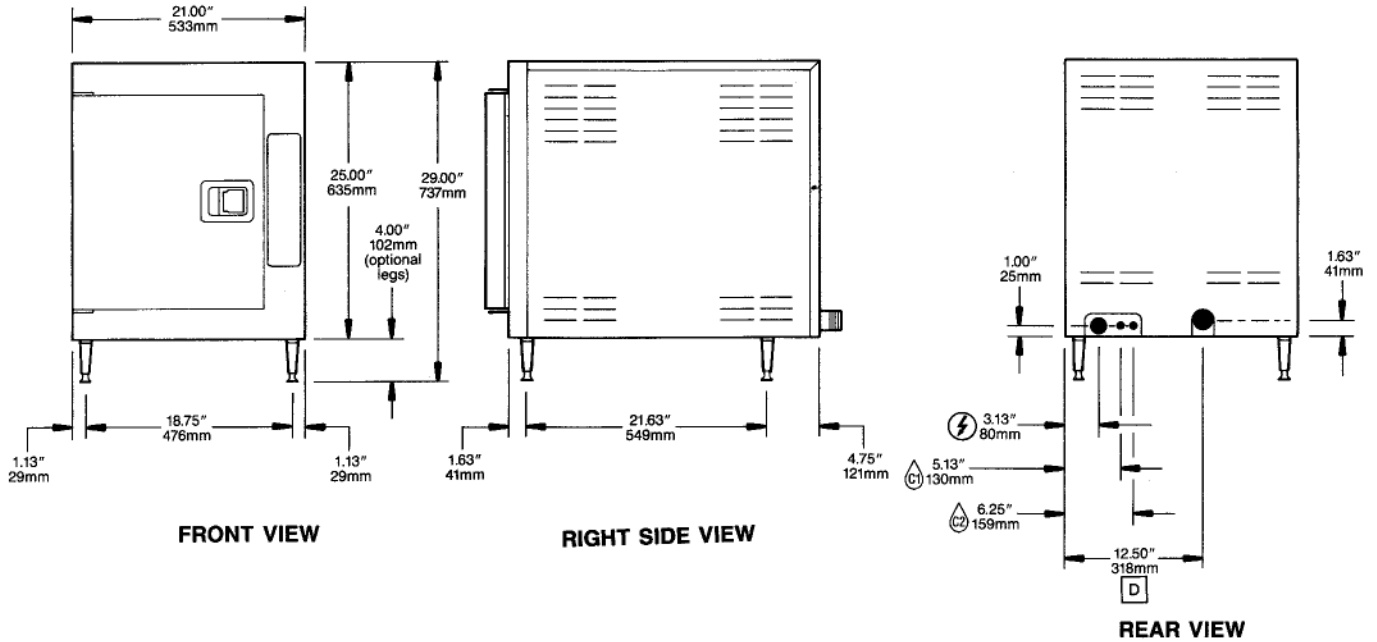
TOP VIEW

WATER QUALITY REQUIREMENT

The recommended minimum water quality standards whether untreated or pre-treated, based upon 10 hours of use per day, and a Daily Blowdown, are as follows:

TOTAL DISSOLVED SOLIDS	less than 60 parts per million
TOTAL ALKALINITY	less than 20 parts per million
SILICA	less than 13 parts per million
pH FACTOR	greater than 7.5
CHLORINE	less than 30 parts per million

Consult a local water treatment specialist for an on site water analysis for recommendations concerning steam generator feed water treatment (if required), in order to remove or reduce harmful concentrations of minerals. The use of highly mineralized water will mean that more frequent servicing of the steam generator will be necessary. The fact that a water supply is potable is not proof that it will be suitable for the generator.



FRONT VIEW

RIGHT SIDE VIEW

REAR VIEW

ELECTRIC ⚡					WATER 💧	DRAINAGE 📦	CLEARANCE
Volts	Watts	Ph	Amps	Wire	Cold water: 35 psi min., 60 psi max. Two 3/4" NH-F (Garden Thread) Connections. Use NSF approved hose. C1 one for Condenser C2 one for Steam Generator	1½" N.P.T. tube Do not connect other units to this drain. Drain line must be vented. No PVC pipe for drain.	Right - 3", Left - 3", Rear - 3" (12" on control side if adjoining wall or equipment is over 30" high for service access) Contact factory for variances to clearances.
208	16,300	3	45.9	3			
220	13,694	3	36.5	3			
240	16,300	3	39.8	3			
440	13,694	3	18.2	3			
480	16,300	3	19.9	3			
360	14,621	3	23.8	4			
380	16,300	3	25.1	4			
415	16,300	3	23.0	4			

NOTES:

Cleveland Range reserves right of design improvement or modification, as warranted.
Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.
Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are UL, ULC, UL/NSF#4, CE and CSA.

NE-1064

1000 Watt* Commercial Microwave Oven



Technical Specifications

Power source: 120V, 60Hz, Single phase

Receptacle required: NEMA 5-15 R or NEMA 5-20 R



Frequency: 2,450MHz

Required power: 13.4A

Output: 1000 watts*

Outer dimensions: 20 1/8" w x 16 1/2" d x 12" h

Cavity dimensions: 13" w x 13" d x 8 1/8" h

Net weight: 34 lbs.

Shipping weight: 39 lbs.

Shipping box size: 24" w x 18 3/4" d x 14 3/4" h, 3.8 cu. ft.

Timer: 99 Minutes, 99 Seconds

Memory Capability: 20 Programs

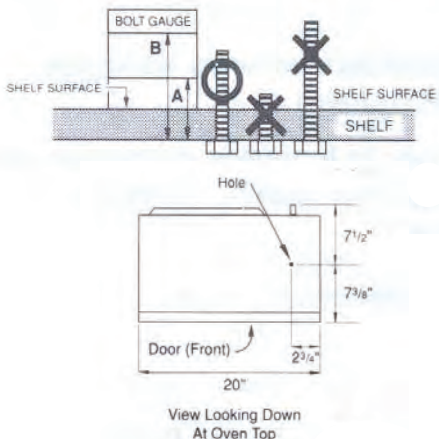
To specify a Panasonic Commercial Microwave Oven

The NE-1064 Commercial Microwave Oven meets or exceeds all safety performance and sanitation standards set for commercial food service microwave ovens by UL, DHHS, FCC and NSF.

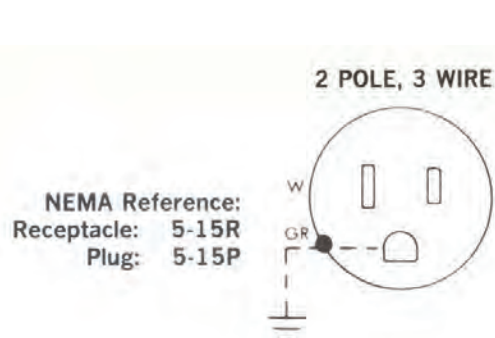
Plus, oven shall have output power 1000 Watts*, stainless steel cabinet and cavity, bottom energy feed, 10 programmable memory pads, Braille keypad, 20-memory capability, double quantity key, 6 power levels, 2- and 3-stage cooking, programmable lock, unique "quick pick" preset times and self-diagnostics, Chef/Test Kitchen technical support and 3 year limited warranty.

**I.E.C. 60705 Test Procedure. Specifications subject to change without notice.*

Security/Anti-Theft Option



Receptacle Required

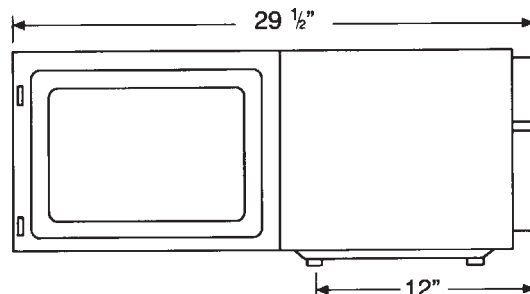
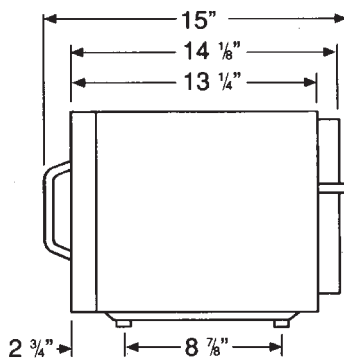
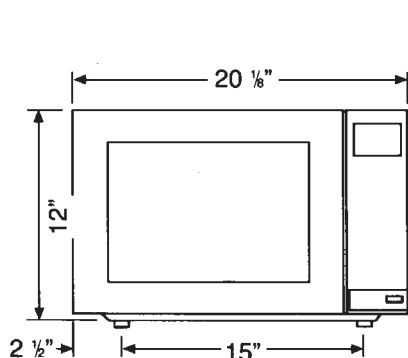


ADA Compliance

§4.28.2 ((CFR) – 28CFR Part 36) "For Alarms".

§4.27 "For controls and operating mechanisms".

Braille controls.



NE-1064

1000 Watt* Commercial Microwave Oven



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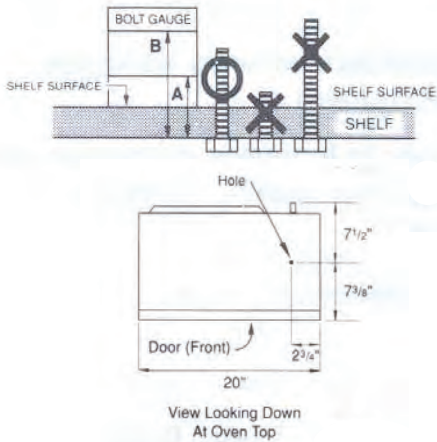
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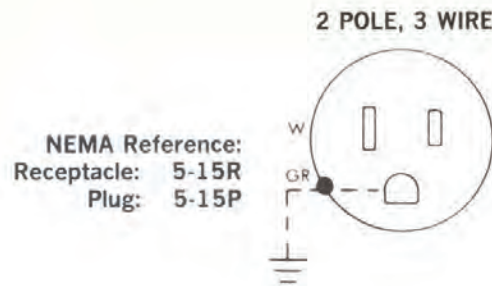
Plus, oven shall have output power 1000 Watts*, stainless steel cabinet and cavity, bottom energy feed, 10 programmable memory pads, Braille keypad, 20-memory capability, double quantity key, 6 power levels, 2- and 3-stage cooking, programmable lock, unique "quick pick" preset times and self-diagnostics, Chef/Test Kitchen technical support and 3 year limited warranty.

**I.E.C. 60705 Test Procedure. Specifications subject to change without notice.*

Security/Anti-Theft Option



Receptacle Required

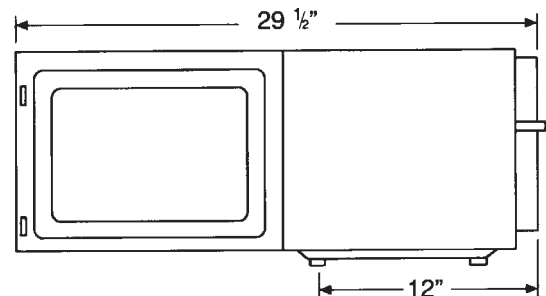
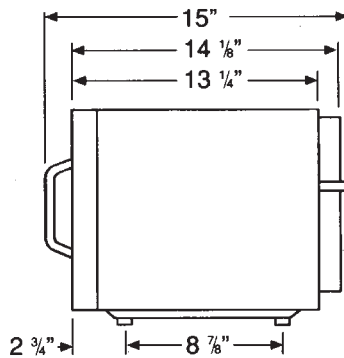
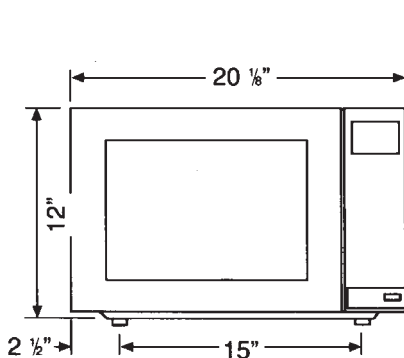


ADA Compliance

§4.28.2 ((CFR) – 28CFR Part 36) "For Alarms".

§4.27 "For controls and operating mechanisms".

Braille controls.



Etlund Electric Can Openers

For foodservice operations that open up to 75 cans per day, Etlund Electric Can Openers are a smart choice. These time-tested, commercial openers offer ultimate convenience while providing a choice of countertop or portable models.

74



- Effortless electric operation
- Spring-loaded mechanism opens even dented cans
- Available in single speed, or two speed models for multiple can sizes
- Replaceable knife and gear provide long life
- Opens most shapes and sizes
- Compact design allows for easy storage when not in use
- Sleek stainless steel construction provides durable operation and cleans easily
- Model 201 features high impact lexan plastic housing
- Made in U.S.A.

Our countertop and portable electric openers put a handle on can opening convenience.



Model 203
2 speed can opener



Model 201
"Take the can opener to the cans"



Model 266
Single speed can opener

FEATURES:

- Countertop or portable convenience
- Effortless electric operation
- Opens most can shapes/sizes
- Durable stainless steel construction
- Model 201 features high impact lexan plastic housing
- Replaceable knife and gear
- Spring-loaded mechanism opens even dented cans
- Compact design allows for easy storage when not in use
- Available in 115 or 230 volt
- Made in U.S.A.
- UL listed

SPECIFICATIONS:

MODEL #	DESCRIPTION	PRODUCT CODE	CASE CUBE FT ³ /M ³	MASTER CASE	CASE WEIGHT LBS./KGS
203	Electric Can Opener 115 Volt 2 speeds	23100	1.1/.03	3	42/18.9
203	Electric Can Opener 230 Volt 2 speeds	23200	1.1/.03	3	42/18.9
266	Electric Can Opener 115 Volt	26100	1.1/.03	3	42/18.9
266	Electric Can Opener 230 Volt	26200	1.1/.03	3	42/18.9
201	Portable Electric Can Opener 115 Volt	21100	1.1/.03	3	23/10.4
201	Portable Electric Can Opener 230 Volt Note: Not available for use in the EU.	21200	1.1/.03	3	23/10.4



Edlund Company, Inc., 159 Industrial Parkway, Burlington, VT 05401, USA 800-772-2126 www.edlundco.com



PROJECT:	MODEL:	QUANTITY:	ITEM NO: 75
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MOBILE HUMI-TEMP PAN SERVERS

Humidified Holding System for 12" x 20" and Gastro-Norm 1/1 Pans

"PS-1220 SERIES"



PS-1220-8



PS-1220-45



PS-1220-15

FWE's built-in "Humi-Temp" system keeps pans of bulk foods "kitchen-fresh", hot and moist!

FWE's PS-Series "Humi-Temp" cabinets accommodate shallow and deep 12" x 20" and GN 1/1 pans. FWE's unique pan slide racks are one piece die stamped stainless steel, providing greater hygiene and strength. The front edges are relieved for easy loading and the pair of racks are removable for easy cleaning.

FWE's patented "Humi-Temp" Heat / Humidity System eliminates hot and cold spots by gently circulating hot, moist air throughout the interior of the cabinet. Humidity can be added to preserve the moisture content of the food keeping the food fresh and hot for hours.

The heat system is built into the cabinet to reduce maintenance and cleaning costs. Clean up is effortless. The controls are upfront and eye-level and feature a full range thermostat adjustable to actual temperature so they are easy to see and operate. Our cabinets are built tough using stainless steel throughout. Welded construction and our exclusive tubular stainless steel base frame ensure that our cabinets will withstand the most demanding use. And when it comes to selection, no one offers more than FWE. We offer sizes and capacities to fit any operation. Make your choice FWE . . . the "Choice of the Professionals"

- ◇ "Humi-Temp" built-in heat system
- ◇ Removable humidity reservoir
- ◇ Full range thermostat adjustable to actual temperature
- ◇ Recessed eye-level controls
- ◇ All stainless steel
- ◇ All welded construction - no rivets
- ◇ Tubular stainless steel welded base frame
- ◇ Full extension bumper
- ◇ Heavy-duty polyurethane casters
- ◇ Heavy-duty hinges
- ◇ Positive close door latch
- ◇ Heavy-duty push bars
- ◇ Hi-temp door gasket
- ◇ Fully insulated throughout
- ◇ Stainless steel pan slides
- ◇ Two year limited warranty

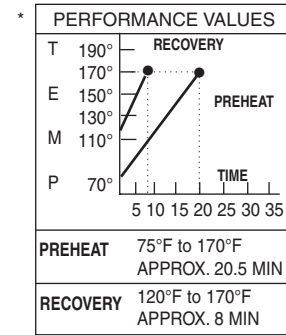
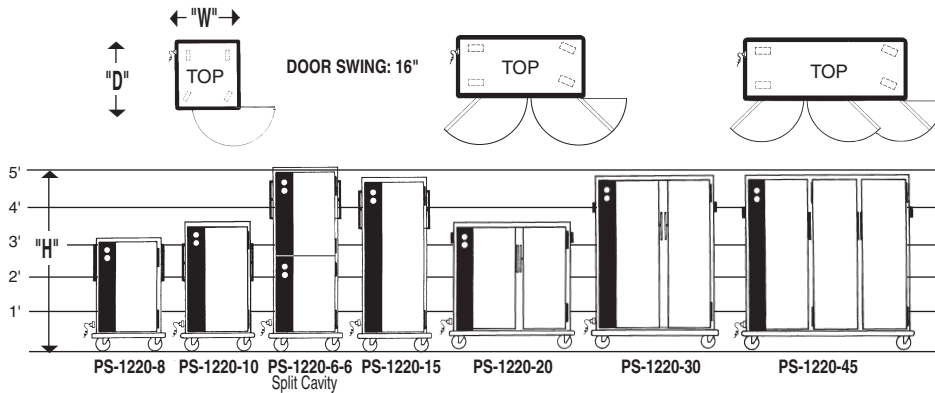


PROJECT:	MODEL:	QUANTITY:	ITEM NO:
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SPECIFICATIONS:

MOBILE HUMI-TEMP PAN SERVERS

For 12" x 20" and GN 1/1 Pans



* Values are for mid-size model listed.

MODEL NUMBER	CAPACITIES OF 12" x 20" or GN 1/1 PANS [A]						OVERALL EXTERIOR DIMENSIONS IN. (mm)			NO. OF DOORS	CASTER SIZE	SHIP WT. LBS. (KG)
	2.625" FIXED SPACINGS			66.7mm FIXED SPACINGS			HIGH "H"	DEEP "D"	WIDE "W"			
	DEPTH 12" x 20" PANS			DEPTH GN 1/1 PANS								
PS-1220-8	8	4	2	8	4	2	37.25" (946)	26.75" (679)	24.5" (622)	1	5"	150 (68)
PS-1220-10	10	5	3	10	5	3	42.5" (1080)	26.75" (679)	24.5" (622)	1	5"	200 (90)
PS-1220-6-6 Split Cavity	12 6 ea	6 3 ea	4 2 ea	12 6 ea	6 3 ea	4 2 ea	63" (1600)	26.75" (679)	24.5" (622)	2	5"	230 (104)
PS-1220-15 †	15	7	5	15	7	5	57.5" (1461)	26.75" (679)	24.5" (622)	1	5"	215 (98)
PS-1220-20	20	10	6	20	10	6	42.5" (1080)	26.75" (679)	42" (1067)	2	5"	255 (116)
PS-1220-30 †	30	14	10	30	14	10	57.5" (1461)	26.75" (679)	42" (1067)	2	5"	315 (142)
PS-1220-45 †	45	21	15	45	21	15	57.5" (1461)	26.75" (679)	59.25" (1505)	3	5"	415 (188)

[A] Combinations of deep and shallow pans may be used with varying capacities. Many half-size pans may also be used. For one-third size pans, consult factory.

- Dutch Doors [add "D"] are 2 half size doors available on the full-size models. †
- Pass-thru Door [add "P"] is available on all model sizes. Add 2.5" to depth dimension.
- See-thru Lexan Door [add "L"] is available on all model sizes.

ELECTRICAL DATA			
	PS-1220-8 PS-1220-10 PS-1220-15	PS-1220-6-6 Split Cavity	PS-1220-20 PS-1220-30 PS-1220-45
VOLTS	120	120	120
WATTS	1350	2100	1600
AMPS	11.3	17.5	13.3
HERTZ	50 / 60	50 / 60	50 / 60
PHASE	Single	Single	Single
NEMA PLUG	5-15P	5-20P	5-15P

Dedicated circuit.

CONSTRUCTION. Heliarc welded, single unit construction of stainless steel; 20-gauge polished exterior, 22-gauge stainless steel interior with easy-to-clean covered corners. Welded tubular base frame shall be 1" square, heavy gauge stainless steel tubing, with 10-gauge stainless steel reinforcing plates at corners.

INSULATION. "Ultra-Guard" UG-26 high density fiberglass insulation throughout; top, back, bottom, sides, and door(s).

PUSH BAR HANDLES. Heavy-duty, solid formed 1" x .375" thick, mounted at each end of unit. Mountings reinforced with stainless steel channel.

BUMPER. Solid 1.5" wide continuous wraparound aluminum channel, bolted to frame, with snap-in, non-marking replaceable vinyl cushion. Full perimeter bumper extends beyond doors, handles, etc., for added protection. Shall be continuous, with corner cut-outs to facilitate cleaning.

DOORS AND LATCHES. Flush mounted, stainless steel insulated doors. High temperature gasket sealed; gasket shall be cabinet mounted. Each door shall have two (2) heavy-duty edgemount die cast hinges. Door latch shall be edgemounted, full grip, and positive closing. The hinge and latch mountings are reinforced with stainless steel backing plates.

CASTERS. Maintenance free polyurethane tire casters in a configuration of two (2) rigid and two (2) swivel with brake. Casters shall have a reinforced yoke mounted to 10-gauge caster plate. The caster mounting plate shall be secured to a 10-gauge stainless steel reinforcing stress plate via welded in place stainless steel studs. The reinforcing stress plates shall be welded to the heavy gauge tubular frame of the unit.

PAN SLIDES. Stainless steel racks shall be one piece die stamped channel-type pan slides at 2.625" (66.7 mm) spacings to accommodate either deep or shallow 12" x 20" or GN 1/1 pans (at varying capacities - see chart). Racks are removable without tools for cleaning. Racks shall lift off heavy-duty stainless steel supports.

HEATING SYSTEM / CONTROLS. Patented built-in "Humi-Temp" system shall include an Incoloy nickel-chromium alloy heating element and Hi-Temp, self-lubricated, impedance protected fan-cooled blower motor. Cabinet shall have humidifying chamber and drawer style baffled humidifier pan. Both shall be stainless steel and removable. Controls shall be up-front, recessed and shall include a full range thermostat adjustable to actual temperature. Thermostat shall include temperature scale marked in ten degree increments (F/C) from 90° to 190°F (30° to 90°C). An operational range thermometer, power supply light, thermostat cycling light, and 20 amp ON/OFF switch are also included.

ELECTRICAL CHARACTERISTICS. 3 wire grounded 10 foot extension power cord and plug, side mounted for safety. See electrical data chart above for amperage and receptacle configuration. Dedicated circuit.

FWE Products are used by major companies world-wide. We can modify, design, or custom build equipment to fit your special requirements.

Optional Accessories:

- Electronic controls
- Digital thermometer
- 1500 or 2000 watt element
- 220 volt, 50/60 Hz, single phase
- CE compliant
- Heat retention battery
- "Convert-a-Unit" for canned fuel use
- MODELS: PS-1220-8 PS-1220-10 PS-1220-15 PS-1220-6-6
- Dutch doors †
- See-thru lexan door
- Key locking door latch
- Magnetic latch
- Paddle latch
- Padlocking transport latch
- Left hand door hinging
- Security packages
- All swivel or larger casters
- Door edge trim
- Cold plate cartridge
- Floorlock (requires 6" casters)
- Custom pan slide spacings



Food Warming Equipment Company, Inc.

P.O. Box 1001
Crystal Lake, IL 60039 USA
800-222-4393; 815-459-7500
Fax: 815-459-7989

Manufacturing Facilities:
7900 S. Route 31
Crystal Lake, IL 60014 USA
www.FWE.com sales@fweco.net

FWE products may be covered under one or more of the following U.S. patents: 288,299;238,300;3,952,609;4,192,991.

All specifications subject to change without notice. © 11F Food Warming Equipment Company, Inc.



Item # _____

Job _____

METROMAX Q™ SHELVING

with *Microban Antimicrobial Product Protection

Part of the innovative MetroMax iQ™ Storage System, MetroMax Q™ is a longer life storage solution than conventional wire shelving. The product offers durable polymer mats that remove for easy cleaning and protect stored items from damage. Quick adjust shelves and MetroMax iQ accessories provides a very efficient use of storage space. MetroMax Q™ is integrated with online space planning tools and tutorials. www.metro.com/iQ

- Longer-life performance:** Durable, corrosion proof polymer mats protect the shelves from normal wear and tear. Robust epoxy coated steel frames and posts hold as much weight as Metro's wire shelving. Weight capacity for evenly distributed loads:
 800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1220mm)
 600 lbs. (275kg) per shelf for lengths of 54" (1370mm) or longer
 2,000 lbs. (907kg) maximum per stationary unit.
- Interchangeable:** MetroMax Q and MetroMax i™ shelves, posts, and most accessories are compatible on the same unit. Use MetroMax Q shelves with MetroMax i™ polymer posts for increased corrosion protection. Use MetroMax i™ solid shelves when spill containment is required or as a bottom shelf to protect supplies from dirt or backsplashes from mops.
- Easier to clean and maintain:** Polymer mats can be easily removed and cleaned in a sink or dish machine. Microban antimicrobial product protection is built into the high contact areas of the shelf including the mats, frames, and posts to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban protection keeps the product "cleaner between cleanings".
- Quick to Adjust:** Patented corner release allows shelves to be unlocked without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- Smooth, Protective Surfaces:** Smooth shelf mats protect packaged items from unwanted rips, tears, or damage.
- Open Grid and Solid Mat Options:** MetroMax Q is available with open grid mats as standard. Open grid shelves promote air circulation and light penetration.
 MetroMax i™ solid shelves can be used with MetroMax Q grid shelves on the same unit and are available in 18" and 24" (457 and 610mm) depths. For 21" (530mm) deep MetroMax Q, solid mat overlays are available.
- Efficient, Organized Storage:** Premium MetroMax iQ™ accessories efficiently organize, contain, and compartmentalize **all** space between shelves.
- Quick to Assemble:** MetroMax Q assembles easily in minutes, without tools. Shelves can be adjusted at 1" (25mm) increments along the post. Shelf wedges have a window to locate your desired position.



MetroMax Q Mobile Unit



MetroMax Q with Accessories and MetroMax i Solid Bottom Shelf

*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



MetroMax Q™ Polymer and Steel Shelving

9.21



Specifications

- **Shelf frames and posts:** Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- **Shelf Mats:** Injection molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- **Shelf Wedge Connector:** Reinforced nylon.
- **Temperature range:** -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning.

Standard Interchangeable Shelves

- Part number includes shelf with removable mats and one bag of wedges.
- MetroMax Q grid shelves, MetroMax i™ grid and solid shelves are all compatible on the same unit.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	MetroMax Q Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax i™ Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	24 610	MQ1824G	6.2 2.8	MX1824F	12.7 5.8
18 457	30 760	MQ1830G	8.0 3.6	MX1830F	14.5 6.6
18 457	36 914	MQ1836G	9.7 4.4	MX1836F	17.2 7.8
18 457	42 1060	MQ1842G	11.4 5.2	MX1842F	20.1 9.1
18 457	48 1220	MQ1848G	13.2 6.0	MX1848F	23.1 10.5
18 457	54 1372	MQ1854G	15.0 6.8	MX1854F	21.5 9.7
18 457	60 1524	MQ1860G	16.7 7.6	MX1860F	23.2 10.5
18 457	72 1829	MQ1872G	20.0 9.1	MX1872F	27.5 12.5
21 530	24 610	MQ2124G	8.0 3.6	—	—
21 530	30 760	MQ2130G	9.7 4.4	—	—
21 530	36 914	MQ2136G	11.4 5.2	—	—
21 530	42 1060	MQ2142G	12.8 5.8	—	—
21 530	48 1220	MQ2148G	14.5 6.6	—	—
21 530	54 1372	MQ2154G	16.7 7.6	—	—
21 530	60 1524	MQ2160G	18.5 8.4	—	—
21 530	72 1829	MQ2172G	21.7 9.9	—	—
24 610	24 610	MQ2424G	9.7 4.4	MX2424F	14.2 6.4
24 610	30 760	MQ2430G	11.4 5.2	MX2430F	15.9 7.2
24 610	36 914	MQ2436G	13.1 6.0	MX2436F	19.6 8.9
24 610	42 1060	MQ2442G	14.1 6.4	MX2442F	21.5 9.8
24 610	48 1220	MQ2448G	15.8 7.1	MX2448F	25.3 11.5
24 610	54 1372	MQ2454G	18.5 8.4	MX2454F	25.0 11.3
24 610	60 1524	MQ2460G	20.3 9.2	MX2460F	26.8 12.1
24 610	72 1829	MQ2472G	23.5 10.7	MX2472F	31.0 14.1

Actual Dimensions:

Width: Add 3/16" (10mm) to nominal size.
Length: Subtract 3/16" (5mm) from nominal size.



MetroMax Q Open Grid Shelf



MetroMax i™ Solid Shelf

Heavy-Duty Dunnage Shelves

- Corrosion proof MetroMax i™ dunnage shelf is compatible with MetroMax Q.
- Open grid and solid version available.
- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 60" (1524mm) long.
- Dunnage shelves are recommended for use on units with four posts.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	36 914	MHP1836G	18 8.2	MHP1836F	22 10.0
18 457	48 1220	MHP1848G	22 10.0	MHP1848F	26 11.8
18 457	60 1524	MHP1860G	26 11.8	MHP1860F	30 13.6
24 610	36 914	MHP2436G	21 9.5	MHP2436F	25 11.3
24 610	48 1220	MHP2448G	27 12.2	MHP2448F	31 14.1
24 610	60 1524	MHP2460G	33 15.0	MHP2460F	37 16.8

Solid Mat Overlays

- Overlays snap onto the open grid mats to create a solid surface.
- Available for 21" (530mm) deep MetroMax Q shelves.

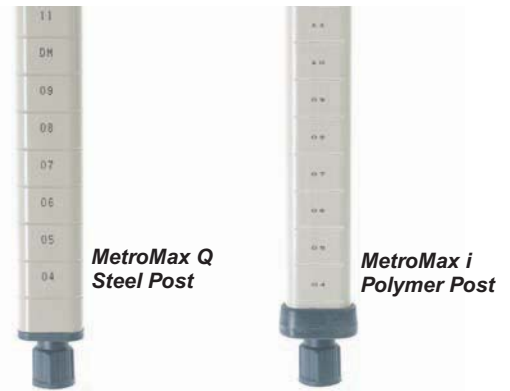
Fits Shelf		Model No.	Approx. Pkd. Wt.	
(in.)	(mm)		(lbs.)	(kg)
21x24	530x610	Q2124SM	0.35	0.16
21x30	530x760	Q2130SM	0.45	0.20
21x36	530x914	Q2136SM	0.50	0.23
21x42	530x1060	Q2142SM	0.60	0.27
21x48	530x1220	Q2148SM	0.70	0.32
21x54	530x1372	Q2154SM	0.80	0.36
21x60	530x1524	Q2160SM	0.90	0.41
21x72	530x1829	Q2172SM	1.00	0.45

METROMAX Q™ POLYMER AND STEEL SHELVING



Standard Interchangeable Posts

- MetroMax Q: Epoxy coated steel with Microban antimicrobial product protection.
- MetroMax i: Polymer with Microban antimicrobial product protection.
- Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 1" (25mm).
- When mounting a shelving unit to a dolly base, stationary posts are used.
- Special height cut posts are available. Consult your Metro representative.



Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	STATIONARY POST WITH LEVELING FOOT Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	14 ³ / ₄	375	MQ13PE	1.0	0.5	MX13P	0.5	0.2
27	685	28 ³ / ₄	730	MQ27PE	2.0	0.9	MX27P	0.9	0.4
33	875	34 ³ / ₄	883	MQ33PE	2.5	1.1	MX33P	1.0	0.5
54	1370	54 ³ / ₄	1391	MQ54PE	4.0	1.8	MX54P	1.6	0.7
63	1585	62 ³ / ₄	1594	MQ63PE	4.5	2.0	MX63P	1.8	0.8
74	1690	74 ³ / ₄	1899	MQ74PE	5.5	2.5	MX74P	2.2	1.0
86	2195	86 ³ / ₄	2203	MQ86PE	6.5	2.9	MX86P	2.5	1.1

Nominal Height (in.) (mm)		Actual Height* (in.) (mm)		MetroMax Q Steel Model No.	POST FOR STEM CASTER Approx. Pkd. Wt. (lbs.) (kg)		MetroMax i Polymer Model No.	Approx. Pkd. Wt. (lbs.) (kg)	
13	370	13 ³ / ₄	349	MQ13UPE	1.0	0.5	MX13UP	0.5	0.2
27	685	27 ³ / ₄	705	MQ27UPE	2.0	0.9	MX27UP	0.9	0.4
33	875	33 ³ / ₄	857	MQ33UPE	2.5	1.1	MX33UP	1.0	0.5
54	1370	53 ³ / ₄	1365	MQ54UPE	4.0	1.8	MX54UP	1.6	0.7
63	1585	61 ³ / ₄	1568	MQ63UPE	4.5	2.0	MX63UP	1.8	0.8
70	1778	69 ³ / ₄	1765	MQ70UPE	5.0	2.3			
74	1690	73 ³ / ₄	1873	MQ74UPE	5.5	2.5	MX74UP	2.3	1.0
86	2195	85 ³ / ₄	2178	MQ86UPE	6.5	2.9	MX86UP	2.5	1.4

Replacement Leveling Foot:
Model No. RPM3-FOOT

Replacement Post Cap for Steel Post:
Model No. RPMQS-POSTCAP

Replacement Post Cap for Polymer Post:
Model No. RPMXS-POSTCAP

Replacement MetroMax Q Wedges
Model No. MQ9985 Bag of 4



NOTE: Compatibility with existing Metro polymer mat shelving systems

- MQ9985 wedges are compatible with original MetroMax Q shelves and posts.
- The post centers on MetroMax Q have been changed to allow interchangeability with MetroMax i™ shelves. MetroMax Q shelves manufactured within or after April 2009 are not compatible with Q shelves made prior to April 2009.
- MetroMax Q is not compatible with original MetroMax manufactured prior to April 2009.
- Posts listed in above table (ex. MQ74PE, MX74PE) can be used with original MetroMax Q shelves made prior to April 2009.

Post Clamp

Adds stability by joining posts of two separate units together. With it, each unit is supported by four posts and buttressed by the adjacent unit.

Model No. 9994X

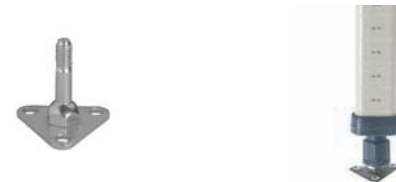


Foot Plate

Use to add stability to the shelving unit or to bolt units to the floor.

Model No. Zinc 9993Z

Model No. Stainless Steel 9993S



Stem Casters

A variety of stem casters are offered for MetroMax i™ mobile applications.

Stem caster models include bumpers.

See Catalog Sheet 11.20 for stem casters.

Load Rating: 3 x Stem Caster Load Rating, maximum — 900 lbs. (363kg) per stem caster cart.





METROMAX Q™ POLYMER AND STEEL SHELVING

Starter and Add-On Units

- 4- and 5-tier models available. Consult the Metro catalog for models.
- Starter units: consist of shelves and (4) posts
- Add-on units: consist of shelves, (2) posts, and “S” Hooks (M9995)

“S” Hook: Used to “add on” one or multiple MetroMax Q™ storage systems while eliminating the cost of two posts per unit. Can be used to join units end-to-end, back-to-back, at right angles, etc. Two “S” hooks are required for each shelf.

Cat. No. M9995



MetroMax Q™ Intermediate

“S” Hook: Use when configuring MetroMax Q Starter and Add-On Units at right angles.

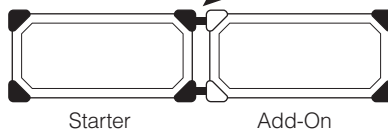
Model No. Q9995Z



	Regular “S” Hook location
	Intermediate bracket location
	Post
	Post not required

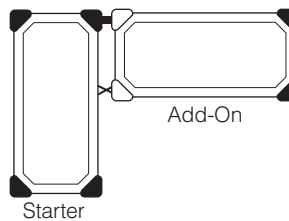
END-TO-END

“S” Hooks
M9995 — qty. 2



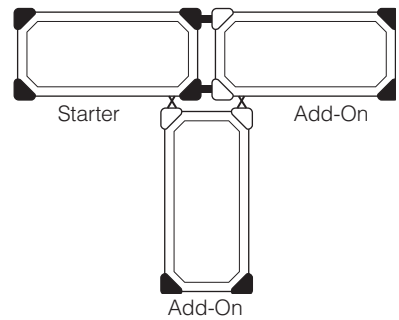
RIGHT ANGLES

Intermediate “S” Hook Kit
Q9995Z — qty. 1; M9995 — qty. 1



COMBINATION

Intermediate “S” Hook Kits
Q9995Z — qty. 2; M9995 — qty. 2



MetroMax Q™ Carts

- 4- and 5-tier models
- Grid shelf models
- Units consist of shelves, (4) posts, (2) swivel, and (2) swivel brake casters.
- Consult the Metro catalog for models.



All Metro Catalog Sheets are available on our Web Site: www.metro.com



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Asia/Pacific: +65.6567.8003
Middle East/Africa: +971.4.811.8286



3 Gallon Automatic Electric Coffee Urn

Features

Automatic Electric Coffee Urn

- Brews 11.4 gallons (43.2 litres) of perfect coffee per hour.
- Three gallon (11.4 litres) coffee urn measuring only 14" wide fits most counters.
- Automatic drip brewing of delicious coffee every time.
- Large water tank—over 10 gallons.
- Draw off hot water during brewing cycle without affecting delivery of coffee.
- All stainless steel construction.
- Can brew full or half batches.
- Top mounted components for ease of service.
- International electrical configurations available.



Model SRU *

Dimensions: 33.5" H x 14" W x 24.6" D
(85.1 cm H x 35.6 cm W x 62.5 cm D)

For current specification sheets and other information, go to www.bunn.com.

* International models may vary in appearance.

Related Products

Easy Clear® EQHP-10
Product No. : 39000.0004



Easy Clear® EQHP-10L
Product No. : 39000.0001

SRU Paper Filters
Product No. : 20109.0000
Packed per case: 250
Dimensions:
7" Base x 5 1/4" Sidewall
17.78 cm Base x 13.34 cm Sidewall



SRU Drip Tray (Optional)
Product No. : 06465.0000
All Stainless Steel



Easy Pour® black decanter
Product No. : 06100.0101
Quantity: 1
(also packaged in quantities of 2, 3, 6, 12, & 24)



Easy Pour® orange decanter (for decaf)
Product No. : 06101.0101
Quantity: 1
(also packaged in quantities of 2, 3, 6, 12, & 24)



4" Leg Conversion Kit
Product No.: 06333.0000



Model

SRU

Agency Listing



Dimensions & Specifications

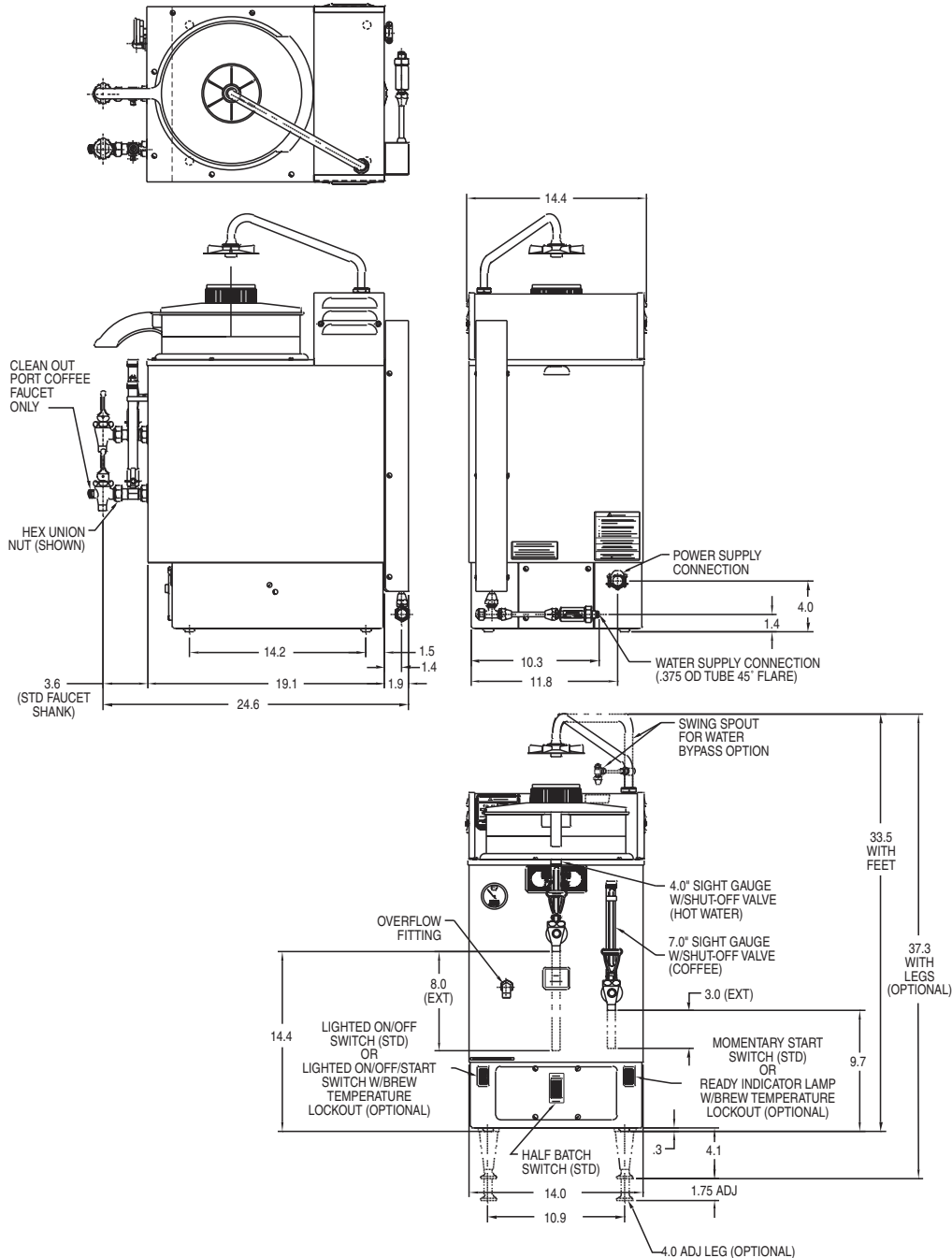
Model	Product #	Volts	Amps	Tank Heater Watts	Total Watts	Brewing Capacity	Cu. Ft.	Shipping Weight	Cord Attached
SRU	06325.0001	120/208	19.4	3950	4025	11.4 gal./hr.	3.1	73 lbs.	No
SRU	06325.0002	120/240	17.0	3950	4025	11.4 gal./hr.	3.1	75 lbs.	No

Brewing capacity: based upon incoming water temp of 60°F (140°F rise).

Models listed as 120/208V or 120/240V must be connected to 208V or 240V electrical service respectively. Please refer to the installation manual.

Electrical: Models require 3-wires plus ground service, single phase, 60 Hz.

Plumbing: 20-90 psi (138-621 kPa). Supplied with 3/8" OD male flare fitting.



Bunn-O-Matic® Corporation - 1400 Stevenson Drive Springfield, Illinois 62703 • 800-637-8606 • 217-529-6601 • Fax 217-529-6644 • www.bunn.com

BUNN® practices continuous product research and improvement. We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

All dimensions shown in inches.

Project

Quantity

Item #

81

Model Specified:

CSI Sect 00

Roll-In Refrigerator Models For 72" High Racks/Self-Contained



INTELA-TRAUL® Equipped!



Model RRI332HUT-FHS

One, Two & Three Section Models, 32" Deep



Stainless Exterior & Interior

1-Section Solid Door Model	RRI132HUT-FHS*
2-Section Solid Door Model	RRI232HUT-FHS*
3-Section Solid Door Model	RRI332HUT-FHS



Stainless Exterior, Anodized Aluminum Interior

1-Section Solid Door Model	ARI132HUT-FHS*
2-Section Solid Door Model	ARI232HUT-FHS*
3-Section Solid Door Model	ARI332HUT-FHS

The R & A Series represent Traulsen's Top-of-the-Line product offering. The "H-Height" roll-in refrigerator models are all designed to offer convenient interior storage for 72" high racks. Each is supplied standard with such high quality features as easy to operate microprocessor controls, balanced refrigeration systems and stainless steel exteriors. Additionally, they offer the widest range of optional accessories to choose from, and can be specified for use with many different applications, including: Foodservice, Correctional, Institutional, Export, etc.

Standard Product Features

- R-Series: Stainless Steel Exterior & Interior
- A-Series: Stainless Steel Exterior/Anodized Aluminum Interior
- INTELA-TRAUL® Microprocessor Control System
- Balanced, Self-Contained Refrigeration System Using R-134a
- Scroll Blower Type Evaporator Fan
- Biased Return Air Duct
- Full Length Stainless Steel Doors With Locks
- Self-Closing Doors With Stay Open Feature At 120 Degrees
- Guaranteed For Life Cam-Lift Hinges
- Guaranteed For Life Horizontal Work Flow Door Handle(s)
- Standard Door Hinging: 132H = Right, 232H = Left/Right, 332H = Left/Right/Right (other hings available)
- Automatically Activated Incandescent Lights
- Stainless Steel Breaker Caps
- Accommodates Roll-In Racks Up To 72" High (provided by others)
- Automatic Non-Electric Condensate Evaporator
- Magnetic Snap-In Door Gaskets
- Gasket Protecting Metal Door Liner
- Controllable Anti-Condensate Door Perimeter Heaters
- Thermostatic Expansion Valve Metering Device
- Stainless Steel One-Piece Louver Assembly
- Stainless Steel Interior Rack Guides & Threshold Ramp(s)
- 9' Cord & Plug Attached
- One Year Parts And Labor Warranty
- Two Year Control Warranty (parts and labor)
- Five Year Compressor Warranty

Options & Accessories

- Stainless Steel Finished Back With Rear Louvers
- Re-Hinging Feature For Door(s)
- Wire Shelf Package For Roll-In Models (includes three wire shelves per section)
- Additional Wire Shelves For Above
- Stainless Steel Shelf Package For Roll-In Models (includes three stainless steel shelves per section)
- Additional Stainless Steel Shelves For Above
- Locking Hasps (padlocks supplied by others)
- Export 220/50/1 Voltage
- Kool Klad Exterior Laminate Decor
- Clear Glass Door(s) In Place Of One Or More Solid Door(s)
- Fluorescent Lights
- Remote Applications (see form TR35837 for more details)
- Remote For Use With 20°F Glycol System
- Recessed Installation
- Prison/Correctional Facilities Options
- Two Year Service/Labor Warranty Available



* **Noted models are ENERGY STAR® listed. Please refer to www.energystar.gov to view the most up-to-date product listing and performance data.**



Listed by Underwriters Laboratories Inc., to U.S. and Canadian safety standards and Listed by NSF International.

Approval: _____



TRAULSEN
4401 BLUE MOUND RD.
PHONE 1 (800) 825-8220
Website: www.traulsen.com

FT. WORTH, TX 76106
FAX-MKTG. 1 (817) 624-4302

Project	Quantity	Item #
Model Specified:		CSI Section 11400

Specifications

Construction, Hardware and Insulation

Cabinet exterior front, one piece sides, louver assembly and doors are constructed of 20 gauge stainless steel with #4 finish. Cabinet interior and door liners are constructed of stainless steel (anodized aluminum in the A-Series). The exterior cabinet top, back and bottom are constructed of heavy gauge aluminized steel. The interior floor is constructed of stainless steel and insulated with ¾" of resilient cork. A readily attachable stainless steel ramp is provided to facilitate loading/unloading.

Doors are equipped with a heavy-duty, extruded wiper gasket for sealing to bottom ramp, removable plug cylinder locks and guaranteed for life cam-lift, gravity action, self-closing metal, glide hinges with stay open feature at 120 degrees. Hinges include a concealed switch to automatically activate the interior incandescent lighting. Guaranteed for life, work flow door handles are mounted horizontally over recess in door which limits protrusion from door face into aiseways. Doors have seamless, polished metal corners.

Easily removable for cleaning, vinyl magnetic door gasket assures tight door seal.

Both the cabinet and door(s) are insulated with an average of 2" thick high density, non-CFC, foamed in place polyurethane.

DIMENSIONAL DATA	R/ARI132HUT	R/ARI232HUT	R/ARI332HUT
Net capacity cu. ft.	39.0 (1104 cu l)	79.5 (2252 cu l)	120.5 (3414 cu l)
Length - overall in.	35½ (90.2 cm)	68 (172.7 cm)	100½ (255.3 cm)
Depth - overall in.	35⅞ (90.3 cm)	35⅞ (90.3 cm)	35⅞ (90.3 cm)
Depth - over body in.	32 (81.3 cm)	32 (81.3 cm)	32 (81.3 cm)
Depth - door open 90° in.	63¼ (160.7 cm)	63¼ (160.7 cm)	63¼ (160.7 cm)
Clear door width in.	27⅞ (68.8 cm)	27⅞ (68.8 cm)	27⅞ (68.8 cm)
Clear door height in.	72⅞ (183.4 cm)	72⅞ (183.4 cm)	72⅞ (183.4 cm)
Height - overall in.	89⅞ (226.4 cm)	89⅞ (226.4 cm)	89⅞ (226.4 cm)
RRI Net Wt. lbs.	480 (218 kg)	785 (356 kg)	1075 (488 kg)
ARI Net Wt. lbs.	410 (186 kg)	685 (311 kg)	1000 (454 kg)
Rack Capacity - 72" High	1	2	3
ELECTRICAL DATA			
Voltage	115/60/1	115/60/1	115/60/1
Feed wires with Ground	3	3	3
Full load amperes	10.6	11.4	12.8
REFRIGERATION DATA			
Refrigerant	R-134a	R-134a	R-134a
BTU/HR H.P. ¹	2220 (½ HP)	4200 (½ HP)	5120 (¾ HP)

NOTES

NOTE: Figures in parentheses reflect metric equivalents.

1= Based on a 90 degree F ambient and 20 degree F evaporator.

2= For approximate remote weights deduct 40 lbs. from respective net or gross weight. For other information on remote models, please refer to form TR35837.



One & Two Section Models Equipped With One NEMA 5-15P Plug



Three Section Models Equipped With One NEMA 5-20P Plug

NOTE: Full load amps and plug style may vary depending on electrical options chosen and condensing unit employed.

REQUIRED CLEARANCES

In order to assure optimum performance, the condensing unit MUST have an adequate supply of air for cooling purposes. Therefore, the operating location must either have a minimum of 12" clearance overhead of the condensing unit or allow for unrestricted air flow at the back of the unit. Clearance of at least 12" above is required in order to perform certain maintenance tasks.

NOTE: When ordering please specify: Voltage, Hinging, Door Size, Options and any additional warranties.

Continued product development may necessitate specification changes without notice.
Part No. TR35768 (revised 12/10)

Refrigeration System

A top mounted, self-contained, balanced refrigeration system using R-134a refrigerant is conveniently located behind the one piece louver assembly. It features an easy to clean front facing condenser, thermostatic expansion valve, air-cooled hermetic compressor, plenum effect blower coil, large, high humidity evaporator coil located outside the food zone and a top mounted non-electric condensate evaporator. Biased return air duct protects against introduction of warm kitchen air, promoting even temperature maintenance and efficient operation. A 9' cord and plug is provided. Standard operating temperature is 34 to 38°F.

Controller

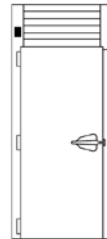
The easy to use water resistant INTELA-TRAUL® microprocessor control system is supplied standard. Unit is NAFEM Data Protocol communication (NDP) ready. Optional hardware required to be NDP compliant. Third party software required for network connection. It includes a 3-Digit LED Display, Fahrenheit or Celsius Temperature Scale Display Capability, and an RS485 data port. In addition it includes audio/visual alarms for: Hi/Lo Cabinet Temperature, Door Open, Clean Condenser, Evaporator Coil and Discharge Line Sensor Failures, and Power Supply Interruption.

Interior

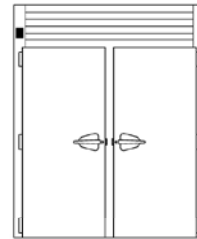
Readily removable, interior-mounted, stainless steel guides for rack are provided for protection. Maximum rack size with wheels inboard of frame is 27" wide by 29" deep by 72" high. Racks supplied by others.

Warranties

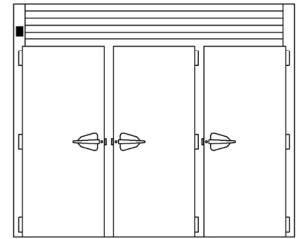
Both a one year parts and labor warranty and a five year compressor warranty (self-contained models only) are provided standard. An optional 2nd year extended parts and labor warranty is also available. In addition the INTELA-TRAUL® control is warranted by a two year parts and labor warranty.



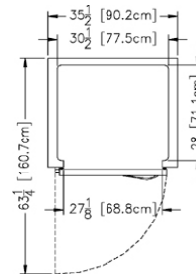
Elevation - R/ARI132HUT



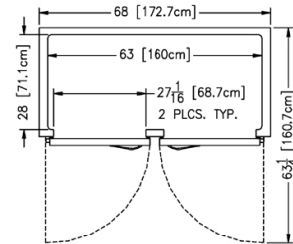
Elevation - R/ARI232HUT



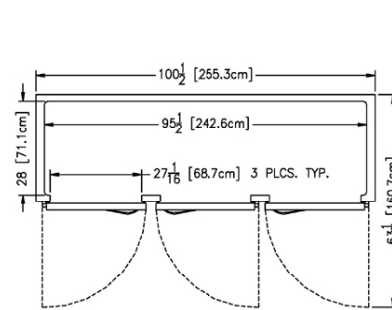
Elevation - R/ARI332HUT



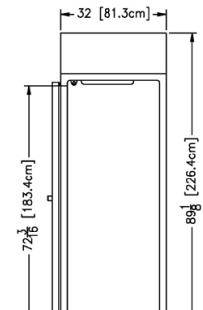
Plan - R/ARI132HUT



Plan - R/ARI232HUT



Plan - R/ARI332HUT



Section - All Models

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4401 BLUE MOUND RD.
PHONE 1 (800) 825-8220
Website: www.traulsen.com

FT. WORTH, TX 76106
FAX-MKTG. 1 (817) 624-4302

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model Series: TRC-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Back up storage
- Modular buffet systems

CAPACITY:

- Trays: App 100 – 150 trays
- Racks: 5 to 6 racks per stack
- Baskets: 5 to 6 baskets per stack
- Above capacities doubled for double units

DISPENSES:

- Trays
- Chinaware in racks
- Chinaware in baskets

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- All seams fully welded & polished
- Channel reinforced extended base for rigidity and stability
- Dispensing system in a steel upright uni-frame enclosure
- Cantilever dispensing system
- Dispensers are equipped with non-rusting springs that are heat treated for strength & durability
- With easy off back panel for spring removal
- Wrap-around bumper
- Push handle on rear as standard
- 4 > 5” swivel, non-marking casters with 4 side brakes

OPTIONAL FEATURES [1]:

- NP - Stainless steel nameplate
- PP - Push posts on top of unit
(Handle is removed when adding push posts)
- Sealed casters for cart wash
- STD-F - Flat style overshelf
- 8CD - Cylinder style overshelf
- OS4 - 4 pan overshelf
- TG - Stainless steel tray guides
- Remove (*) from model code for non-NSF models



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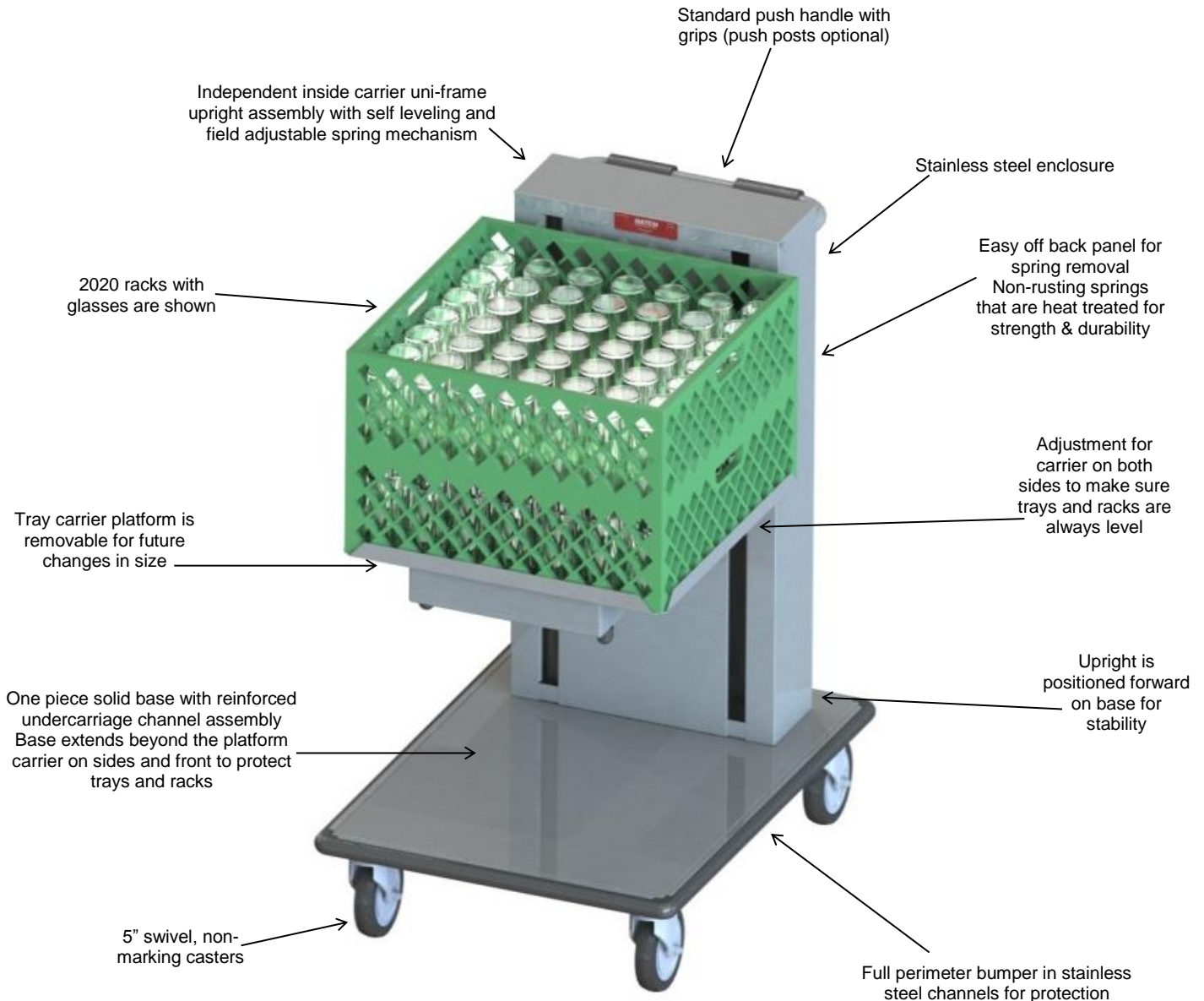
Custom Designs
Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model #: TRC-M-*



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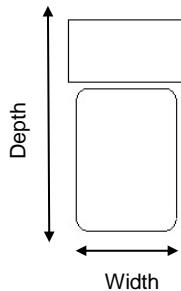


TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- PROJECTED

Model #: TRC-M-P*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-P*	10" x 14" 254mm x 356mm	17" - 432mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1020-P*	10" x 20" 254mm x 508mm	17" - 432mm	31.5" - 800mm	115lb - 52.3kg
TRC-M-1216-P*	12" x 16" 305mm x 406mm	17" - 432mm	27.5" - 699mm	115lb - 52.3kg
TRC-M-1219-P*	12" x 19" 305mm x 483mm	17" - 432mm	30.5" - 775mm	115lb - 52.3kg
TRC-M-1321-P*	13" x 21" 330mm x 533mm	19" - 483mm	32.5" - 826mm	115lb - 52.3kg
TRC-M-1418-P*	14" x 18" 356mm x 457mm	19" - 483mm	29.5" - 749mm	115lb - 52.3kg
TRC-M-1520-P*	15" x 20" 381mm - 508mm	19" - 483mm	31.5" - 800mm	118lb - 53.4kg
TRC-M-1620-P*	16" x 20" 407mm x 508mm	19" - 483mm	31.5" - 800mm	128lb - 58.2kg
TRC-M-1622-P*	16" x 22" 407mm x 559mm	19" - 483mm	33.5" - 851mm	128lb - 58.2kg
TRC-M-1826-P*	18" x 26" 457mm x 660mm	21" - 533mm	37.5" 953mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by ½" (13mm).

Overall height of all listed units is 37½" (953mm).

Changes available to suit customer's requirements.

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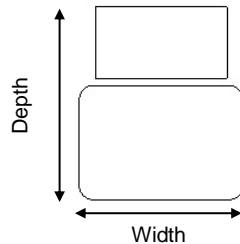
Custom Designs Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- SIDEMOUNT

Model #: TRC-M-S*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-S*	10" x 14" 254mm x 356mm	19" - 483mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1020-S*	10" x 20" 254mm x 508mm	23" 584mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1216-S*	12" x 16" 305mm x 406mm	19" - 483mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1219-S*	12" x 19" 305mm x 483mm	22" - 559mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1321-S*	13" x 21" 330mm x 533mm	23.75" - 603mm	24.5" - 622mm	115lb - 52.3kg
TRC-M-1418-S*	14" x 18" 356mm x 457mm	21" - 533mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1520-S*	15" x 20" 381mm - 508mm	23" - 584mm	26.5" - 673mm	118lb - 53.4kg
TRC-M-1620-S*	16" x 20" 407mm x 508mm	23" - 584mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1622-S*	16" x 22" 407mm x 559mm	25.5" - 648mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1826-S*	18" x 26" 457mm x 660mm	29" - 737mm	29.5" - 749mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by ½" (13mm).

Overall height of all listed units is 37½" (953mm).

Changes available to suit customer's requirements.

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Custom Designs
Available

TRAY AND RACK DISPENSER

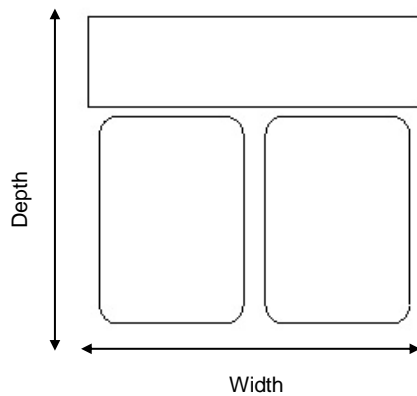
- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- DOUBLE UNIT
- PROJECTED

Model #: TRC-M-2*

SPECIFICATIONS:

-Refer to page one



Note: On double units each carrier mechanism moves independently of the other (e.g.: one can be up or empty and one can be down or full).

MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-2*	10" x 14" 254mm x 356mm	26.5" - 673mm	25.5" - 648mm	120lb - 54.5kg
TRC-M-1020-2*	10" x 20" 254mm x 508mm	26.5" - 673mm	31.5" - 800mm	130lb - 59.1kg
TRC-M-1321-2*	13" x 21" 330mm x 533mm	35.5" - 902mm	32.5" - 826mm	144lb - 65.5kg
TRC-M-1418-2*	14" x 18" 356mm x 457mm	35.5" - 902mm	29.5" - 749mm	155lb - 70.5kg
TRC-M-1520-2*	15" x 20" 381mm - 508mm	35.5" - 902mm	31.5" - 800mm	160lb - 72.7kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by 1/2" (13mm).

Overall height of all listed units is 37 1/2" (953mm).

Changes available to suit customer's requirements.

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Custom Designs Available

TRAY AND RACK DISPENSER - OPTIONS

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT

Model #: TRC-M-STD-F*

SPECIFICATIONS:

- Flat style overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 45 ½” (1156mm)



Model #: TRC-M-8-CD*

SPECIFICATIONS:

- Cylinder style overshelf (cylinders not included)
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 54 ½” (1385mm)



Model #: TRC-M-OS-4*

SPECIFICATIONS:

- 4 pan overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Holds 4 ¼ size cutlery pans (pans not included)
- With NSF certified, hinged fold back cover
- Overall width of unit is 27 ½” (699mm)
- Overall height of unit is 53” (1346mm)



Model #: TRC-M-TG*

SPECIFICATIONS:

- Tray guides to assist in the positioning of non-stacking trays
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Dimensions of unit as per charts



Options available on double units – refer to factory.

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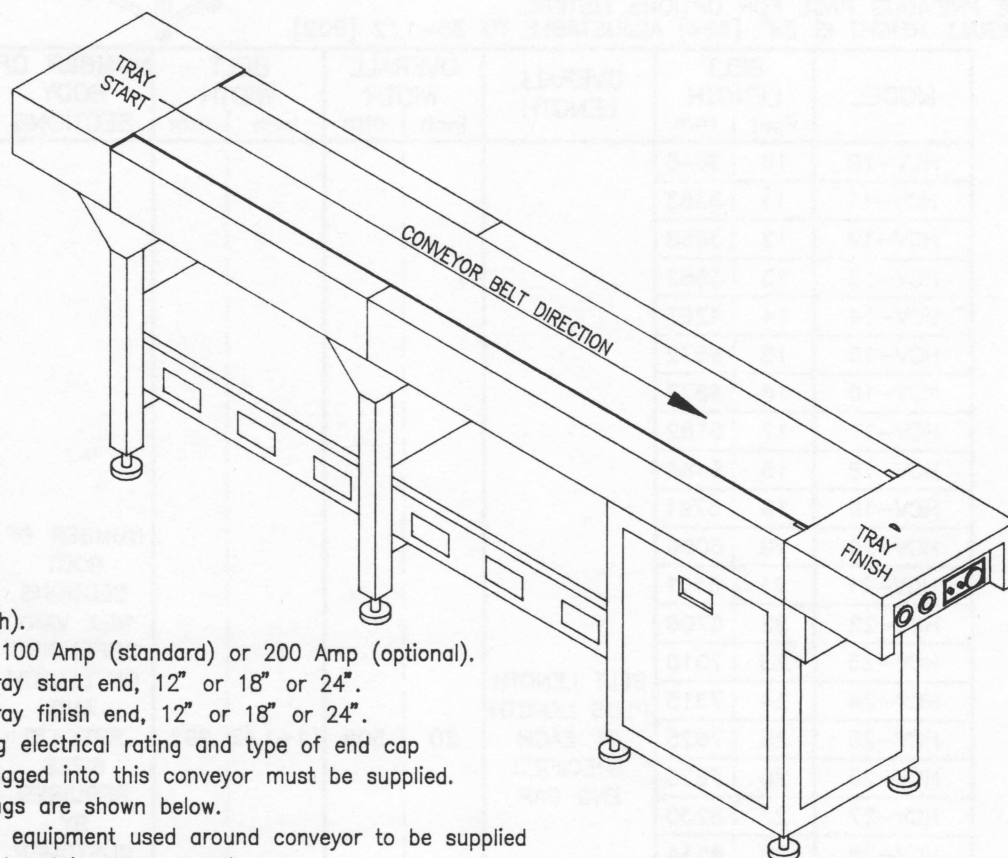
Custom Designs
Available

HATCH

TRAY MAKE UP CONVEYOR

- STAINLESS STEEL
- MODULAR DESIGN
- VARIABLE SPEED

MODEL SERIES: HCV-



SPECIFY WHEN ORDERING:

- Model number (belt length).
- Breaker panel amperage 100 Amp (standard) or 200 Amp (optional).
- Length of end cap for tray start end, 12" or 18" or 24".
- Length of end cap for tray finish end, 12" or 18" or 24".
- An equipment list showing electrical rating and type of end cap for each item to be plugged into this conveyor must be supplied. Available receptacle ratings are shown below.
- An approximate layout of equipment used around conveyor to be supplied so receptacles can be placed in proper locations.
- Raceway receptacle electrics
 - 120V / 60Hz / 1 PHASE
 - 208V / 60Hz / 1 PHASE
 - 208V / 60Hz / 3 PHASE
 - 120/208V / 60Hz / 1 PHASE
 - 120/208V / 60Hz / 3 PHASE

NOTE: QUANTITY OF RECEPTACLES ALLOWED WILL VARY DEPENDING ON THE BREAKER PANEL RATING AND THE REQUIRED AMPERAGE OF RECEPTACLES.

OPTIONAL EQUIPMENT: (Specify when ordering)

- 200 Amp breaker panel.
- 18" or 24" end caps. (Or any combination of end cap lengths).
- Extra raceway receptacles.
- Horizontally mounted side bumpers.
- Conveyor shipped in 2 or more sections for assembly on site.
- Conveyor installation and/or assembly at job site.

POWER SUPPLY BY OTHERS- 120/208 VOLT - 60 Hz - 3 PHASE

MANUFACTURED IN CANADA

P.O. BOX 1713, GUELPH, ONTARIO, CANADA. N1H 6Z9

1-800-387-6969

FAX: 1-519-822-8365

(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

SP-HCV-3 (R1)

**HATCH
INDUSTRIES
LIMITED**

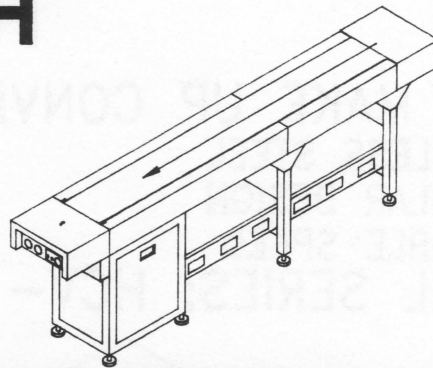
HATCH

TRAY MAKE UP CONVEYOR

- STAINLESS STEEL
- MODULAR DESIGN
- VARIABLE SPEED

MODEL SERIES: HCV-

SEE PREVIOUS PAGE FOR OPTIONS LISTING.
OVERALL HEIGHT IS 34" [864] ADJUSTABLE TO 35-1/2 [902].



MODEL	BELT LENGTH		OVERALL LENGTH	OVERALL WIDTH		BELT WIDTH		NUMBER OF BODY SECTIONS	SHIPPING WEIGHT APP	
	Feet	mm		Inch	mm	Inch	mm		Lbs.	Kg
HCV-10	10	3048	BELT LENGTH PLUS LENGTH OF EACH SPECIFIED END CAP	20	508	11-1/2	292	NUMBER OF BODY SECTIONS WILL VARY DEPENDING ON LENGTH AND SPECIFIC SIZES REQUIRED BY CUSTOMER TO ALLOW INSTALLATION ONTO JOB SITE	600	272.7
HCV-11	11	3353							615	279.5
HCV-12	12	3658							625	284.1
HCV-13	13	3962							660	300.0
HCV-14	14	4267							690	313.6
HCV-15	15	4572							720	327.3
HCV-16	16	4877							750	340.9
HCV-17	17	5182							775	352.3
HCV-18	18	5486							800	363.6
HCV-19	19	5791							825	375.0
HCV-20	20	6096							850	286.4
HCV-21	21	6401							875	397.7
HCV-22	22	6706							900	409.1
HCV-23	23	7010							950	431.8
HCV-24	24	7315							1000	454.6
HCV-25	25	7625							1025	465.9
HCV-26	26	7925							1050	477.3
HCV-27	27	8230							1075	488.6
HCV-28	28	8534							1100	500.0
HCV-29	29	8839							1125	511.4
HCV-30	30	9144							1150	522.7
HCV-31	31	9449							1175	534.1
HCV-32	32	9754							1200	545.5
HCV-33	33	10058							1225	556.8
HCV-34	34	10363							1250	568.2
HCV-35	35	10668							1275	579.6
HCV-36	36	10973							1300	590.9
HCV-37	37	11278							1325	602.3
HCV-38	38	11582							1350	613.6
HCV-39	39	11887							1375	625.0
HCV-40	40	12192							1400	637.4

HATCH INDUSTRIES LIMITED

MANUFACTURED IN CANADA
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1-800-387-6969 FAX: 1-519-822-8365

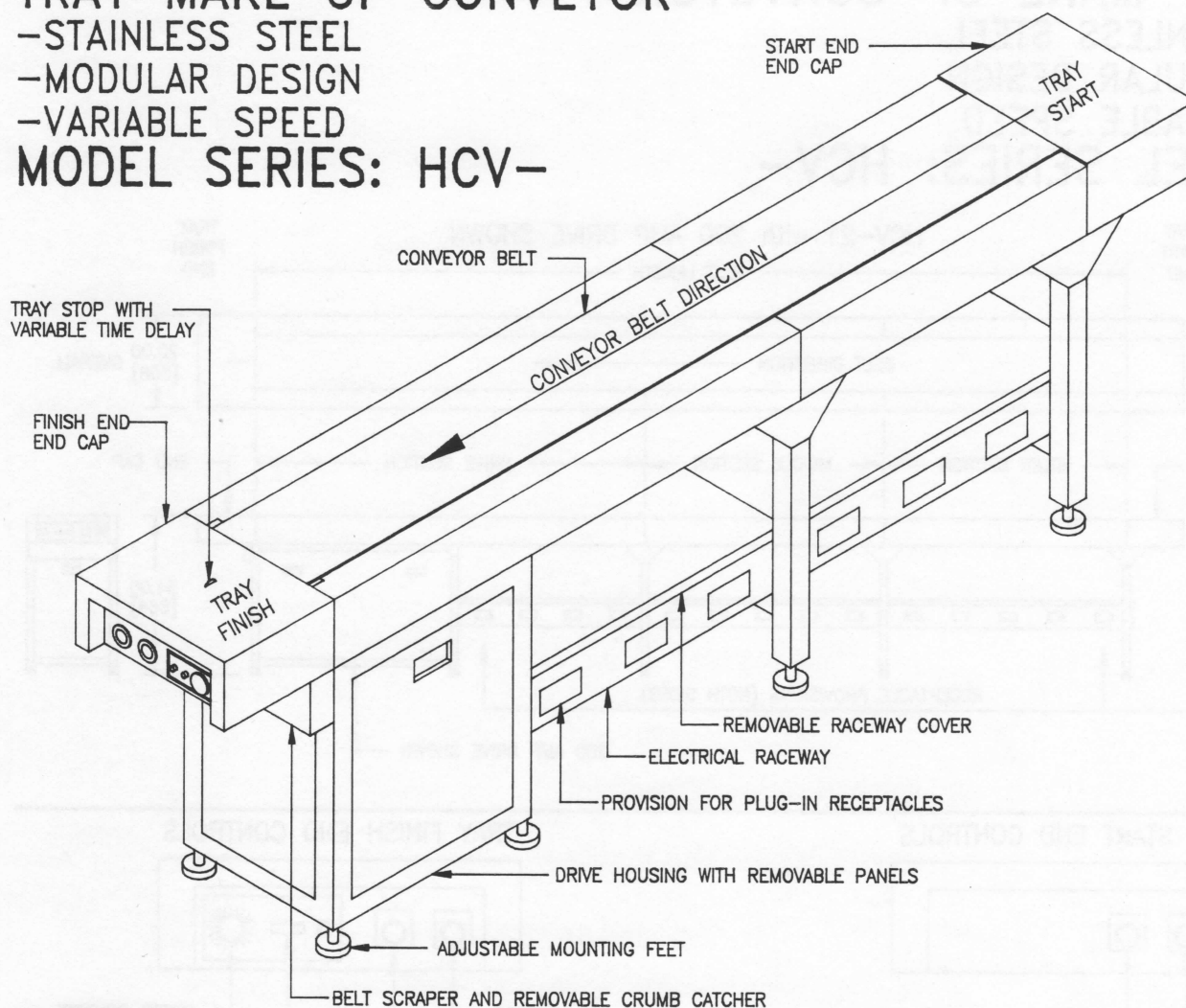
(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

SP-HCV-4 (R1)

HATCH

TRAY MAKE UP CONVEYOR

- STAINLESS STEEL
 - MODULAR DESIGN
 - VARIABLE SPEED
- MODEL SERIES: HCV-



SPECIFICATIONS:

- Stainless steel, type 304, #4 finish on all exposed surfaces.
- Modular design allows units to be shipped assembled (when length permits) or dis-assembled.
- Adjustable mounting feet allow variable working heights and make up for uneven floor surfaces.
- Easy cleaning, endless, laminated belt with take-up adjustment.
- Belt scraper with crumb catcher for continuous cleaning during operation.
- Variable belt speed control located at 'finish' end of conveyor.
- 'Start' and 'stop' controls at both 'start' and 'finish' end of conveyor.
- Automatic tray stop control at 'finish' end of conveyor.
- Electrical raceway with removable cover and up to 6 plug-in receptacles as standard. Extra receptacles optional.
- Individual breaker circuits for each receptacle.
- All circuits heavy wired for maximum 30 Amp load for possible future electrical changes.
- 100 Amp main breaker panel with main disconnect.
- 12" end cap on each end is standard with 18" or 24" end caps available at no extra charge.
- Drive housing with removable access panels on three sides contains all drive equipment and main breaker panel.

ROLLER CONVEYORS AVAILABLE - STATIONARY & MOBILE

MANUFACTURED IN CANADA

P.O. BOX 1713, GUELPH, ONTARIO, CANADA. N1H 6Z9
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(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

SP-HCV-1 (R1)

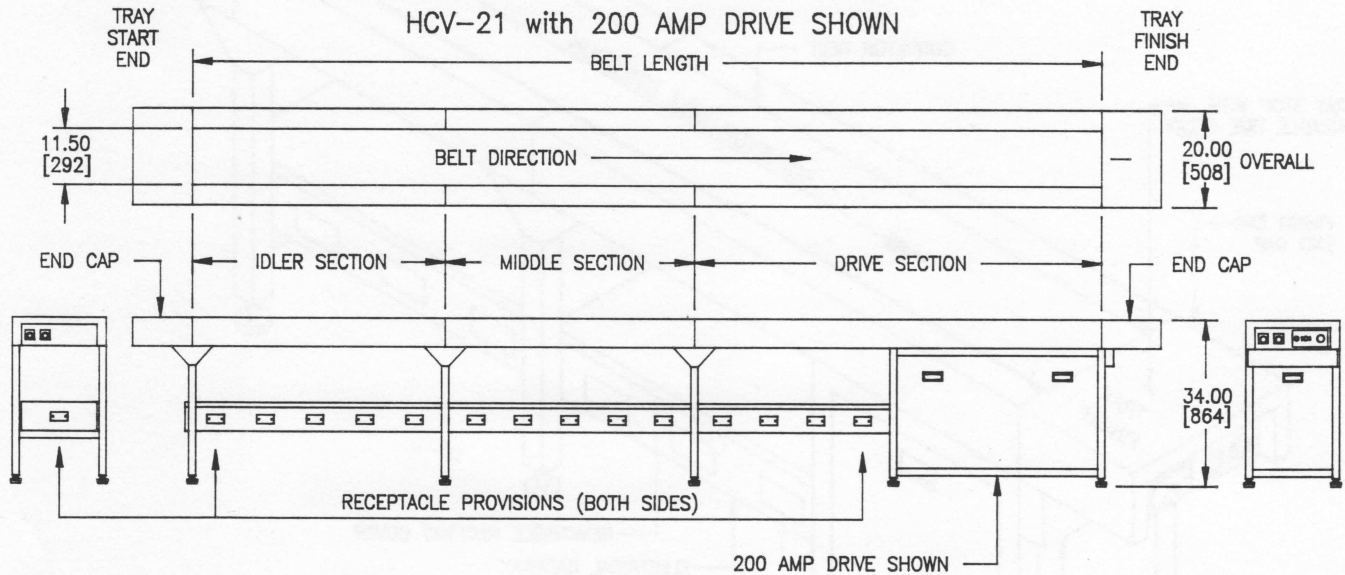
**HATCH
INDUSTRIES
LIMITED**

HATCH

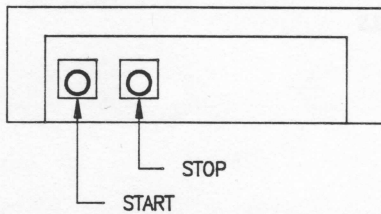
TRAY MAKE UP CONVEYOR

- STAINLESS STEEL
- MODULAR DESIGN
- VARIABLE SPEED

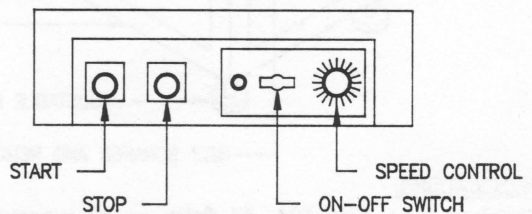
MODEL SERIES: HCV-



TRAY START END CONTROLS



TRAY FINISH END CONTROLS



NOTES REGARDING CONVEYORS:

- Some conveyors may have to be shipped dis-assembled due to length or other factors.
- When unit is shipped dis-assembled it is separated at the body sections and leg locations.
- When installing conveyors they must be levelled widthwise, lengthwise and corner to corner.
- If conveyor is to be shipped assembled it is advisable to verify that there is enough room in hallways, elevators, around corners etc. for conveyor to be installed as one assembled piece. Some installations require the conveyor to be shipped dis-assembled to allow it to be positioned correctly.
- Numerous receptacle provisions are provided to allow for addition of more receptacles or the relocation of existing receptacles in the future due to kitchen layout changes. The provisions are spaced such that power cords from units plugged into them will not be in the way of the operators.
- Quantity of receptacles depends on receptacle rating and size of main breaker panel.

**HATCH
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LIMITED**

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 (SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)
 SP-HCV-2 (R1)

HATCH

ROUND TUBE DISH DISPENSER — MOBILE
 — STAINLESS STEEL — ENCLOSED
 — SELF LEVELLING — HEATED
 — FIELD ADJUSTABLE — 2 TUBE UNITS
MODEL SERIES: 2DTH-M-

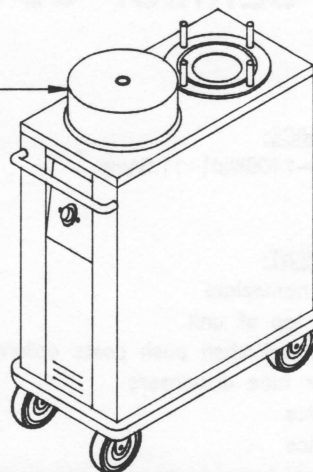
STANDARD ELECTRICS:

120V-60Hz-1PH-1050Watt-8.8Amp
 NEMA 5-15

OPTIONAL EQUIPMENT:

- Stainless steel nameplate
- Push posts on top of unit
 Handle is removed when push posts ordered
- Tube covers for tube dispensers
- 208 Volt electrics
- 240 Volt electrics

OPTIONAL TUBE COVER



MODEL	TUBE MODEL REFERENCE	MAXIMUM CHINAWARE DIAMETER		OVERALL UNIT WIDTH		OVERALL UNIT LENGTH		SHIPPING WEIGHT APP	
		Inch	mm	Inch	mm	Inch	mm	Lbs.	Kg
2DTH-M-1522	DTO-D/I-04.25	TO 4.0	102	17	432	24	610	110	50.0
	DTO-D/I-04.75	4-1/2	114						
	DTO-D/I-05.25	5.0	127						
2DTH-M-1524	DTO-D/I-05.75	5-1/2	140	17	432	26	660	115	52.3
	DTO-D/I-06.00	5-3/4	146						
	DTO-D/I-06.37	6-1/8	155						
2DTH-M-1527	DTO-D/I-06.75	6-1/2	165	17	432	29	737	120	54.5
	DTO-D/I-07.50	7-1/4	184						
	DTO-D/I-07.87	7-5/8	194						
2DTH-M-1530	DTO-D/I-08.37	8-1/8	206	17	432	32	813	138	62.7
	DTO-D/I-08.87	8-5/8	219						
	DTO-D/I-09.37	9-1/8	232						
2DTH-M-1532	DTO-D/I-09.87	9-5/8	244	17	432	34	864	142	64.5
	DTO-D/I-10.37	10-1/8	257						
2DTH-M-1734	DTO-D/I-10.87	10-5/8	270	19	483	36	914	152	69.1
	DTO-D/I-11.37	11-1/8	283						
2DTH-M-1736	DTO-D/I-12.37	12-1/8	308	19	483	38	965	160	72.7

HEIGHT TO UNIT TOP IS 36" [914].

LENGTH AND WIDTH DIMENSIONS INCLUDE BUMPER.

CHINA DIAMETER TO BE SUPPLIED WITH ORDER

SEE MODEL SERIES DTO-D/I FOR MORE INFORMATION ON TUBE DISPENSERS.

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SP-DTHM-03 (R1)

**HATCH
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 LIMITED**

HOT FOOD SERVER

- STAINLESS STEEL
- 1 TO 6 WELLS
- DRY OR MOIST HEAT OPERATION

- MOBILE
- PLUG-IN OPERATION

Model Series: HFS-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Modular buffet systems

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot-welded construction
- Solid full base with full length reinforcing channels
- Lower base area is open on operator side and enclosed on other 3 sides
- Lower base is available for storage with various optional shelves and doors
- Unit has recessed end panels to ensure protection to breaker panel, drain spigot and push handles
- Recessed push handle on each end
- Recessed electrical breaker panel on one end with recessed drain spigot and hose on opposite end
- All wells have individual drains connected to a common manifold and spigot
- Drain spigot comes with drain hose for floor drain and hose holder
- Each well is individually controlled by a variable heat setting thermostat with heat cycling “on/off” pilot light indicator
- Well controls are mounted on a slightly tilted control panel ease of visibility
- 1220 pan size standard with optional adapters for modular fractional sized pans
- Each well and each electrical option runs on an individual circuit breaker
- Approved power supply cord with 3 prong end cap
- Customer to advise power cord position: operator’s left or right
- Wrap-around perimeter bumper
- 4 > 6” swivel, non-marking casters with 2 black total lock brakes

OPTIONAL FEATURES [1]:

- See next page
- Remove (*) from model code for non-NSF models

ELECTRICAL OPTIONS:

- | | |
|------------------------|------------------------|
| 120 Volt – 1 Phase | 208 Volt – 1 Phase |
| 120/208 Volt – 1 Phase | 120/208 Volt – 3 Phase |
| 208 Volt – 3 Phase | |

Choice of power supply determined by optional extras.
Consult factory for exact power supply requirements.
240 Volt available upon request.



Basic 4 well model shown



Basic 3 well model shown



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Custom Designs
Available

HOT FOOD SERVER

-STAINLESS STEEL
-1 TO 6 WELLS
-DRY OR MOIST HEAT OPERATION

-MOBILE
-PLUG-IN OPERATION

Model Series: HFS-M-*

[1] Options

OPTION DESCRIPTION		AVAILABILITY (N/A = NOT AVAILABLE)						
		HFS-M-1*	HFS-M-2*	HFS-M-3*	HFS-M-4*	HFS-M-5*	HFS-M-6*	
OS	12" S/S OVERSHELF	OS-1	OS-2	OS-3	OS-4	OS-5	OS-6	
SG	SNEEZE GUARD ON OVERSHELF	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	
IB	INSULATED BASE	N/A	IB	IB	IB	IB	IB	
SD	SLIDING DOORS ON BASE	N/A	N/A	SD	SD	SD	SD	
HD	HINGED DOORS ON BASE	N/A	HD	HD	HD	HD	HD	
SIB	SHELF IN BASE	N/A	SIB	SIB	SIB	SIB	SIB	
PSIB	PAN SLIDE ASSEMBLY IN BASE	N/A	PSIB	PSIB	PSIB	PSIB	PSIB	
PSIB2	2 PAN SLIDE ASSEMBLIES IN BASE	N/A	N/A	PSIB2	PSIB2	PSIB2	PSIB2	
DWS	DROP WORK SHELF (OPERATOR'S SIDE)	6"	6DWS-1	6DWS-2	6DWS-3	6DWS-4	6DWS-5	6DWS-6
		8"	8DWS-1	8DWS-2	8DWS-3	8DWS-4	8DWS-5	8DWS-6
		10"	10DWS-1	10DWS-2	10DWS-3	10DWS-4	10DWS-5	10DWS-6
DTS	DROP TRAY SLIDE (CUSTOMER'S SIDE)	6"	6DTS-1	6DTS-2	6DTS-3	6DTS-4	6DTS-5	6DTS-6
		8"	8DTS-1	8DTS-2	8DTS-3	8DTS-4	8DTS-5	8DTS-6
		10"	10DTS-1	10DTS-2	10DTS-3	10DTS-4	10DTS-5	10DTS-6
AB	ADAPTER BAR FOR FRACTIONAL SIZE PANS	AB	AB	AB	AB	AB	AB	
CB	CORNER BUMPERS	CB	CB	CB	CB	CB	CB	
OPTIONS THAT REQUIRE ELECTRICS (SEE NOTES BELOW)								
1T	WITH 1 TUBE IN UNIT	1T	1T	1T	1T	1T	1T	
2T	WITH 2 TUBES IN UNIT	2T	2T	2T	2T	2T	2T	
OSH	OVERSHELF HEATER	OSH	OSH	OSH	OSH	OSH	OSH	
HB	HEATED BASE	HB	HB	HB	HB	HB	HB	
REC	RECEPTACLE, 120V OR 208V	N/A	REC	REC	REC	REC	REC	
	SPECIAL BREAKER PANEL REQUIREMENT (SEE NOTE BELOW)	N/A	N/A	SEE NOTE	SEE NOTE	SEE NOTE	SEE NOTE	

Due to electrical limitations certain electrical options may not be used in the same unit as other electrical options without requiring an optional special breaker panel. This is determined by the electrical rating requirements of the unit with options. Refer to factory when ordering for confirmation of option availability.

Shelf in base may not be used with pan slides in base as listed here. Refer to factory for availability and price if both are required in same unit.

Breaker panel with cord and drain spigot will be located on opposite ends for electrical safety regulations.

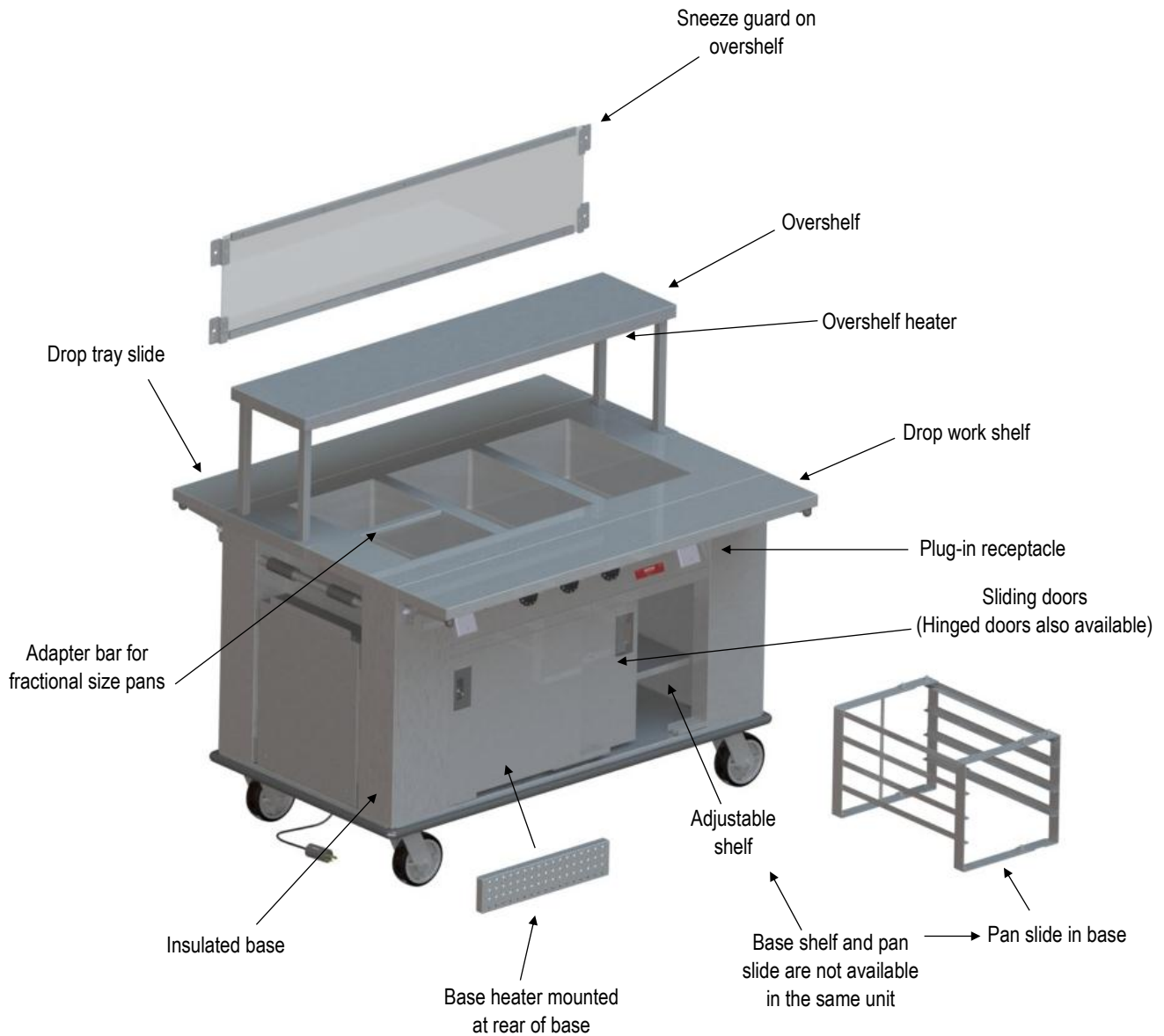
HOT FOOD SERVER

- STAINLESS STEEL
- 1 TO 6 WELLS
- DRY OR MOIST HEAT OPERATION

- MOBILE
- PLUG-IN OPERATION

Model Series: HFS-M-*

[1] OPTIONS ILLUSTRATION



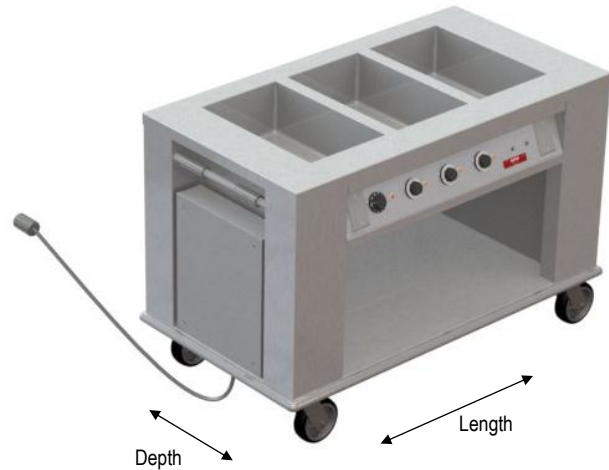
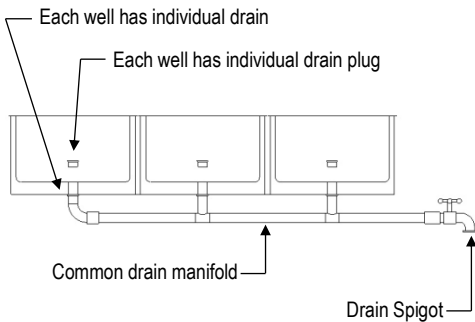
HOT FOOD SERVER

- STAINLESS STEEL
- 1 TO 6 WELLS
- DRY OR MOIST HEAT OPERATION

- MOBILE
- PLUG-IN OPERATION

Model Series: HFS-M-*

TYPICAL DRAIN CONFIGURATION



MODEL	OVERALL DEPTH	OVERALL LENGTH	BASE STORAGE AREA LENGTH	TOTAL WATTAGE OF WELL ONLY EXCLUDING OPTIONS	SHIPPING WEIGHT APP
HFS-M-1*	31.5" - 800mm	26.75" - 680mm	n/a	900W at 208V	150lb - 68.04kg
HFS-M-2*	31.5" - 800mm	40.625" - 1032mm	22.375" - 568mm	1800W at 208V	200lb - 90.72kg
HFS-M-3*	31.5" - 800mm	54.5" - 1384mm	36.25" - 921mm	2700W at 208V	250lb - 113.4kg
HFS-M-4*	31.5" - 800mm	68.375" - 1737mm	50.125" - 1273mm	3600W at 208V	305lb - 138.34kg
HFS-M-5*	31.5" - 800mm	82.25" - 2089mm	64" - 1626mm	4500W at 208V	490lb - 222.26kg
HFS-M-6*	31.5" - 800mm	96.125" - 2442mm	77.875" - 1978mm	5400W at 208V	650lb - 294.84kg

Overall height of all listed units is 36.5" (927mm).

Base storage area height is 14" (356mm).

Base storage area depth is 24.375" (619mm).

HOT FOOD SERVER

- STAINLESS STEEL
- 1 TO 6 WELLS
- DRY OR MOIST HEAT OPERATION

- MOBILE
- PLUG-IN OPERATION

Model Series: HFS-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Modular buffet systems

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot-welded construction
- Solid full base with full length reinforcing channels
- Lower base area is open on operator side and enclosed on other 3 sides
- Lower base is available for storage with various optional shelves and doors
- Unit has recessed end panels to ensure protection to breaker panel, drain spigot and push handles
- Recessed push handle on each end
- Recessed electrical breaker panel on one end with recessed drain spigot and hose on opposite end
- All wells have individual drains connected to a common manifold and spigot
- Drain spigot comes with drain hose for floor drain and hose holder
- Each well is individually controlled by a variable heat setting thermostat with heat cycling “on/off” pilot light indicator
- Well controls are mounted on a slightly tilted control panel ease of visibility
- 1220 pan size standard with optional adapters for modular fractional sized pans
- Each well and each electrical option runs on an individual circuit breaker
- Approved power supply cord with 3 prong end cap
- Customer to advise power cord position: operator’s left or right
- Wrap-around perimeter bumper
- 4 > 6” swivel, non-marking casters with 2 black total lock brakes

OPTIONAL FEATURES [1]:

- See next page
- Remove (*) from model code for non-NSF models

ELECTRICAL OPTIONS:

- | | |
|------------------------|------------------------|
| 120 Volt – 1 Phase | 208 Volt – 1 Phase |
| 120/208 Volt – 1 Phase | 120/208 Volt – 3 Phase |
| 208 Volt – 3 Phase | |

Choice of power supply determined by optional extras.
Consult factory for exact power supply requirements.
240 Volt available upon request.



Basic 4 well model shown



Basic 3 well model shown



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HOT FOOD SERVER

-STAINLESS STEEL
-1 TO 6 WELLS
-DRY OR MOIST HEAT OPERATION

-MOBILE
-PLUG-IN OPERATION

Model Series: HFS-M-*

[1] Options

OPTION DESCRIPTION		AVAILABILITY (N/A = NOT AVAILABLE)						
		HFS-M-1*	HFS-M-2*	HFS-M-3*	HFS-M-4*	HFS-M-5*	HFS-M-6*	
OS	12" S/S OVERSHELF	OS-1	OS-2	OS-3	OS-4	OS-5	OS-6	
SG	SNEEZE GUARD ON OVERSHELF	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	
IB	INSULATED BASE	N/A	IB	IB	IB	IB	IB	
SD	SLIDING DOORS ON BASE	N/A	N/A	SD	SD	SD	SD	
HD	HINGED DOORS ON BASE	N/A	HD	HD	HD	HD	HD	
SIB	SHELF IN BASE	N/A	SIB	SIB	SIB	SIB	SIB	
PSIB	PAN SLIDE ASSEMBLY IN BASE	N/A	PSIB	PSIB	PSIB	PSIB	PSIB	
PSIB2	2 PAN SLIDE ASSEMBLIES IN BASE	N/A	N/A	PSIB2	PSIB2	PSIB2	PSIB2	
DWS	DROP WORK SHELF (OPERATOR'S SIDE)	6"	6DWS-1	6DWS-2	6DWS-3	6DWS-4	6DWS-5	6DWS-6
		8"	8DWS-1	8DWS-2	8DWS-3	8DWS-4	8DWS-5	8DWS-6
		10"	10DWS-1	10DWS-2	10DWS-3	10DWS-4	10DWS-5	10DWS-6
DTS	DROP TRAY SLIDE (CUSTOMER'S SIDE)	6"	6DTS-1	6DTS-2	6DTS-3	6DTS-4	6DTS-5	6DTS-6
		8"	8DTS-1	8DTS-2	8DTS-3	8DTS-4	8DTS-5	8DTS-6
		10"	10DTS-1	10DTS-2	10DTS-3	10DTS-4	10DTS-5	10DTS-6
AB	ADAPTER BAR FOR FRACTIONAL SIZE PANS	AB	AB	AB	AB	AB	AB	
CB	CORNER BUMPERS	CB	CB	CB	CB	CB	CB	
OPTIONS THAT REQUIRE ELECTRICS (SEE NOTES BELOW)								
1T	WITH 1 TUBE IN UNIT	1T	1T	1T	1T	1T	1T	
2T	WITH 2 TUBES IN UNIT	2T	2T	2T	2T	2T	2T	
OSH	OVERSHELF HEATER	OSH	OSH	OSH	OSH	OSH	OSH	
HB	HEATED BASE	HB	HB	HB	HB	HB	HB	
REC	RECEPTACLE, 120V OR 208V	N/A	REC	REC	REC	REC	REC	
	SPECIAL BREAKER PANEL REQUIREMENT (SEE NOTE BELOW)	N/A	N/A	SEE NOTE	SEE NOTE	SEE NOTE	SEE NOTE	

Due to electrical limitations certain electrical options may not be used in the same unit as other electrical options without requiring an optional special breaker panel. This is determined by the electrical rating requirements of the unit with options. Refer to factory when ordering for confirmation of option availability.

Shelf in base may not be used with pan slides in base as listed here. Refer to factory for availability and price if both are required in same unit.

Breaker panel with cord and drain spigot will be located on opposite ends for electrical safety regulations.

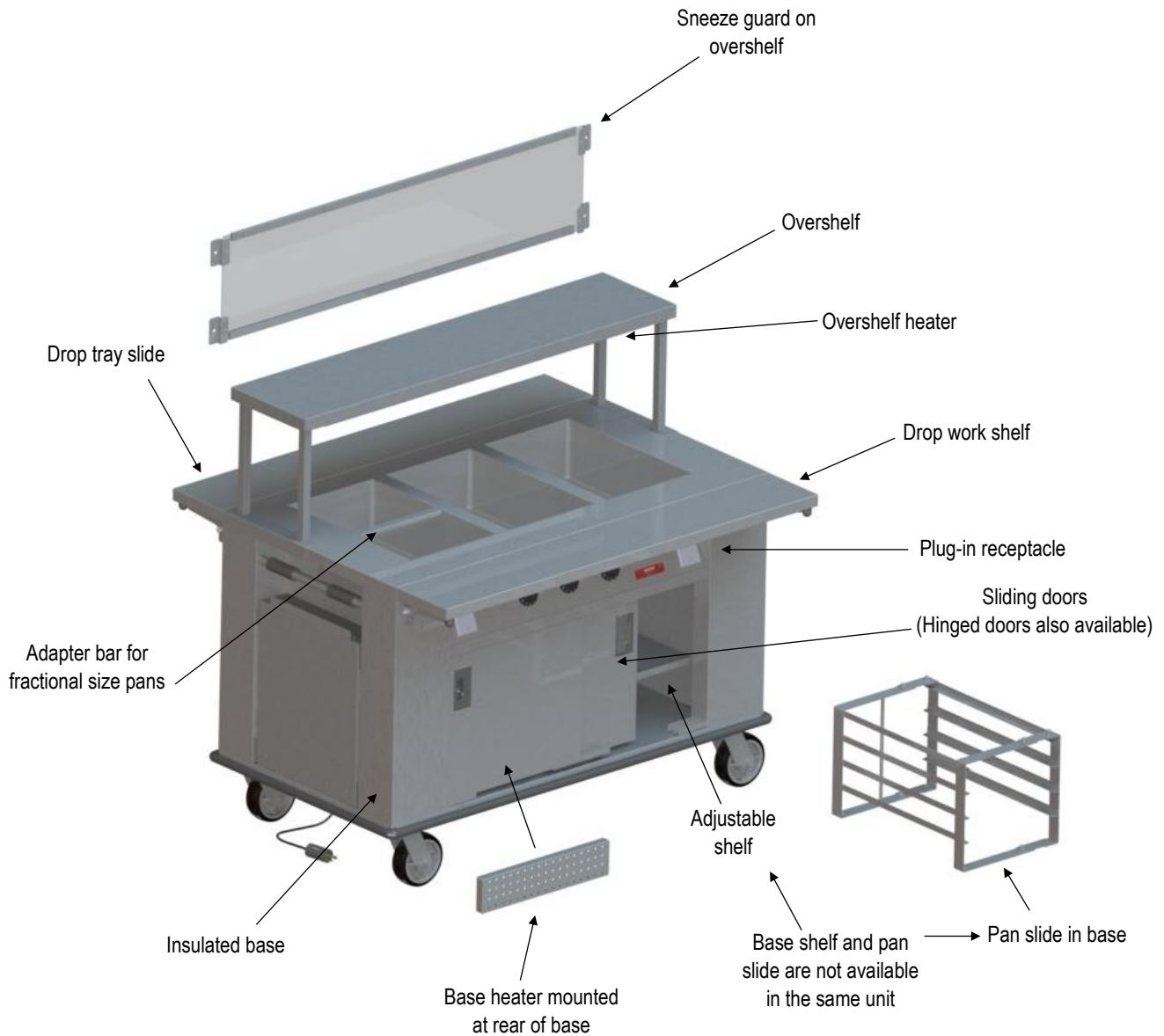
HOT FOOD SERVER

- STAINLESS STEEL
- 1 TO 6 WELLS
- DRY OR MOIST HEAT OPERATION

- MOBILE
- PLUG-IN OPERATION

Model Series: HFS-M-*

[1] OPTIONS ILLUSTRATION



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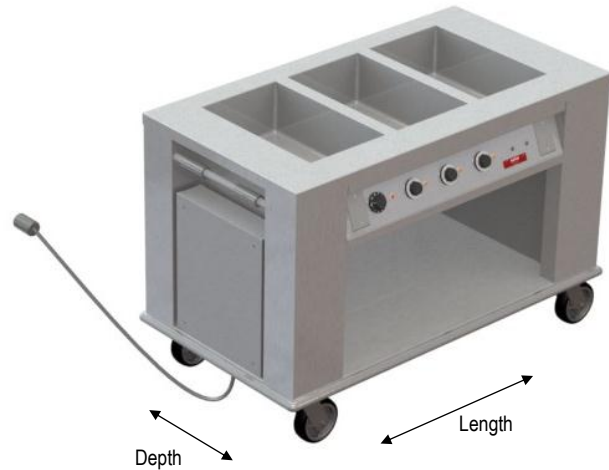
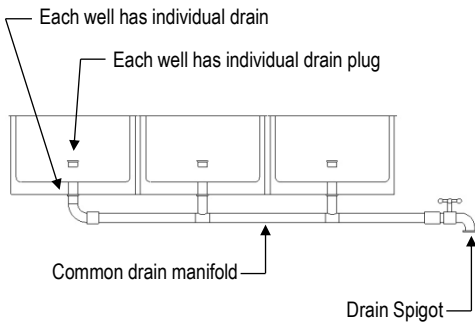
HOT FOOD SERVER

- STAINLESS STEEL
- 1 TO 6 WELLS
- DRY OR MOIST HEAT OPERATION

- MOBILE
- PLUG-IN OPERATION

Model Series: HFS-M-*

TYPICAL DRAIN CONFIGURATION



MODEL	OVERALL DEPTH	OVERALL LENGTH	BASE STORAGE AREA LENGTH	TOTAL WATTAGE OF WELL ONLY EXCLUDING OPTIONS	SHIPPING WEIGHT APP
HFS-M-1*	31.5" - 800mm	26.75" - 680mm	n/a	900W at 208V	150lb - 68.04kg
HFS-M-2*	31.5" - 800mm	40.625" - 1032mm	22.375" - 568mm	1800W at 208V	200lb - 90.72kg
HFS-M-3*	31.5" - 800mm	54.5" - 1384mm	36.25" - 921mm	2700W at 208V	250lb - 113.4kg
HFS-M-4*	31.5" - 800mm	68.375" - 1737mm	50.125" - 1273mm	3600W at 208V	305lb - 138.34kg
HFS-M-5*	31.5" - 800mm	82.25" - 2089mm	64" - 1626mm	4500W at 208V	490lb - 222.26kg
HFS-M-6*	31.5" - 800mm	96.125" - 2442mm	77.875" - 1978mm	5400W at 208V	650lb - 294.84kg

Overall height of all listed units is 36.5" (927mm).

Base storage area height is 14" (356mm).

Base storage area depth is 24.375" (619mm).

HATCH

88

HEATED BASE/PLATE DISPENSER — MOBILE — STAINLESS STEEL — UNIVERSAL — CANTILEVER DESIGN — DUAL HEAT — SELF LEVELLING, FIELD ADJUSTABLE — 1 TO 3 STACK

APPLICATION:

- Tray make up systems
- Serving stations
- Cafeterias
- Back up storage convenience

AFDH-M-2 WITH BASES SHOWN

DISPENSES:

- China or special composition plates (eg Alicite, Thermacite etc) up to and including 10" plate diameter.
- Stainless steel or alloy composition bases up to and including 10" base diameter.

SPECIFICATIONS:

- Stainless steel, type 304, #4 finish on all exposed surfaces.
- Heli-arc and spot welded construction.
- Channel reinforced base for stability and rigidity.
- The dispensing system is in an independent steel, upright uni-frame enclosure for strength and rigidity.
- Cantilever dispensing systems consist of an all welded 'uni-head' assembly with precision roller bearings running on vertical guide shafts controlled by stainless steel extension springs.
- Carrier platform is full length as standard. (Split carrier optional).
- Cover is full length as standard. (Split cover optional).
- Cover is a double panelled stainless steel, insulated design.
- Cover is double hinged fold back design with handle.
- Stainless steel push handle with bumper for added protection.
- Wrap-around bumper.
- 5" all swivel, non-marking, heavy duty casters with brakes on 2.
- Convection type heating with fan forced horizontal air flow.
- Variable heat setting thermostat with 'OFF' position.
- 'ON-OFF' toggle switch.
- 'POWER ON' and 'THERMOSTAT ON' indicator pilot lights.
- 'LOW HEAT' and 'HIGH HEAT' indicator pilot lights.
- Internally mounted selector switch for 'LOW HEAT' and 'HIGH HEAT' to prevent accidental changing of heat setting.
- Approved power supply cord with 3 prong grounded end cap (NEMA #6-20P).
- Unit complete and ready for plug-in operation.

ELECTRICS: (Specify when ordering)

208V / 60Hz / 1 PHASE / 20 AMP
240V / 60Hz / 1 PHASE / 20 AMP

OPTIONAL EQUIPMENT:

- Stainless steel engraved nameplate.
- Split cover and carrier platform.

PLATE AND/OR BASE SIZE TO BE SPECIFIED WHEN ORDERING.

MANUFACTURED IN CANADA

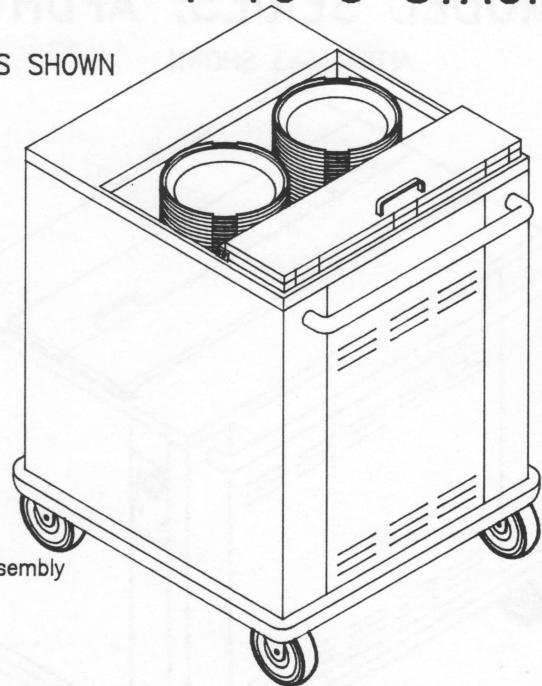
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1-800-387-6969

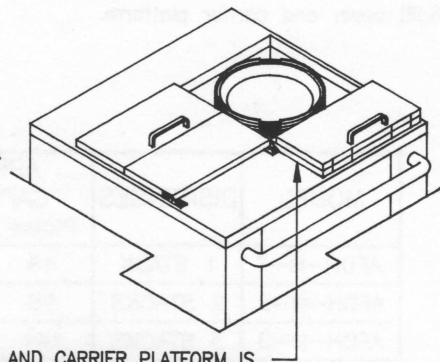
FAX: 1-519-822-8365

(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

SP-AFDH-M-1 (R1)



OPTIONAL SPLIT COVER
AND CARRIER PLATFORM



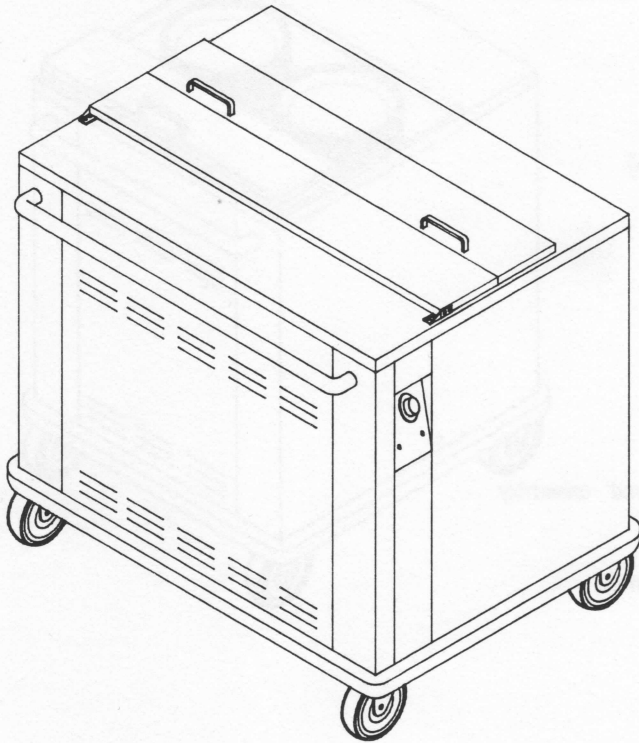
A SEPARATE COVER AND CARRIER PLATFORM IS PROVIDED FOR EACH STACK OF PLATES/BASES WHEN OPTIONAL SPLIT COVER IS ORDERED.

**HATCH
INDUSTRIES
LIMITED**

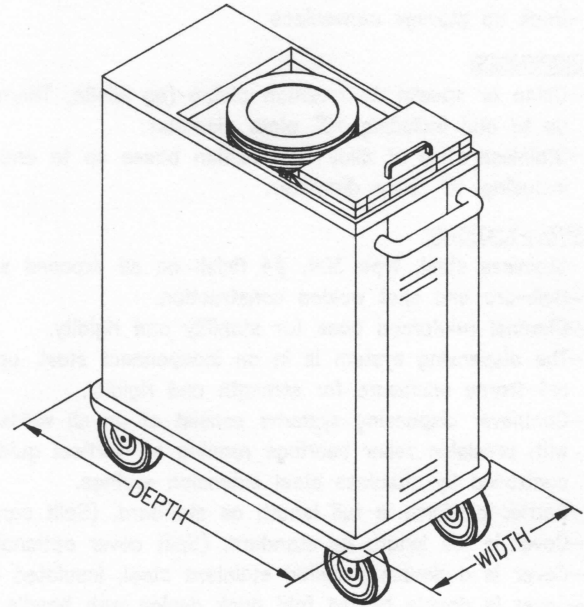
HATCH

HEATED BASE/PLATE DISPENSER — MOBILE
 — STAINLESS STEEL
 — CANTILEVER DESIGN
 — SELF LEVELLING, FIELD ADJUSTABLE
MODEL SERIES: AFDH-M—
 — UNIVERSAL
 — DUAL HEAT
 — 1 TO 3 STACK

AFDH-M-3 SHOWN



AFDH-M-1 WITH PLATES SHOWN



OPTIONAL EQUIPMENT:

- Stainless steel engraved nameplate.
- Split cover and carrier platform.

ELECTRICS: (Specify when ordering)

- 208V / 60Hz / 1 PHASE / 20 AMP
- 240V / 60Hz / 1 PHASE / 20 AMP

MODEL	DISPENSES	APPROX CAPACITY		OVERALL WIDTH		OVERALL DEPTH		OVERALL HEIGHT		SHIPPING WEIGHT APP	
		Plates	Bases	Inch	mm	Inch	mm	Inch	mm	Lbs.	Kg
AFDH-M-1	1 STACK	48	60	21	533	31	787	37	940	205	93.2
AFDH-M-2	2 STACKS	96	120	28	711	31	787	37	940	215	97.7
AFDH-M-3	3 STACKS	144	180	40	1016	31	787	37	940	225	102.3

PLATE AND/OR BASE SIZE TO BE SPECIFIED WHEN ORDERING.

**HATCH
INDUSTRIES
LIMITED**

MANUFACTURED IN CANADA
 P.O. BOX 1713, GUELPH, ONTARIO, CANADA. N1H 6Z9
 1-800-387-6969 FAX: 1-519-822-8365
 (SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)
 SP-AFDH-M-2 (R1)

Meal Delivery Carts

Low Profile, Double Door, 20 Tray Capacity

Models **MDC1520S20**
MDC1418S20



Features & Benefits

- Durable carts designed to specifically meet the meal delivery needs of hospitals (acute care), long term care and correctional facilities.
- Designed to work with unitized pellet system, heat on demand base system or insulated trays.
- Single stack rail system handles 2 trays per rail, 10 trays per compartment with a 5 1/2" (14 cm) clearance between rails.
- Meal serving capacity per compartment is 10 each 15" x 20" (38 x 52 cm) or 14" x 18" (36 x 46 cm) fully loaded trays.
- Durable, one-piece, molded polyethylene construction ensures long term durability and reliability. Molded bottom bumpers protect walls and furniture.
- Thick foamed-in place polyurethane insulation provides added structural strength and reduces noise while transporting. High performance self venting optimizes food quality.
- Molded-in marine rail top provides an ergonomic work surface and keeps trays secure during service preparation.
- Molded-in handles on both ends make it easy to transport and maneuver.
- ABS doors are non-insulated, durable and open out and over side bumper for clear access to the full tray width.
- Nylon friction latches ensure that doors close securely.
- Self-draining bottom in each compartment facilitates easy cleaning.
- Casters:
MDC1520S20: Two each 8" (20,3 cm) fixed center wheels on an axel and two each 5" (12,7 cm) side swivel casters with brakes are set in a unique diamond configuration for easy steering.
MDC1418S20: Four each 5" (12,7 cm) non-marking slightly offset casters, two swivel with brake and two rigid.
- Non electrical.
- No assembly required.
- Available in 5 colors.

Item No. _____

Specifier Identification No. _____

Model No. _____

Quantity _____



MDC1520S20



MDC1418S20

Approvals



Meal Delivery Carts

Low Profile, Double Door, 20 Tray Capacity

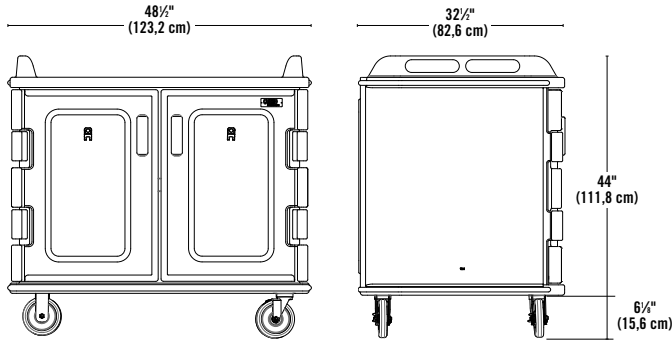
Models MDC1520S20
MDC1418S20

Item No. _____

Specifier Identification No. _____

Model No. _____

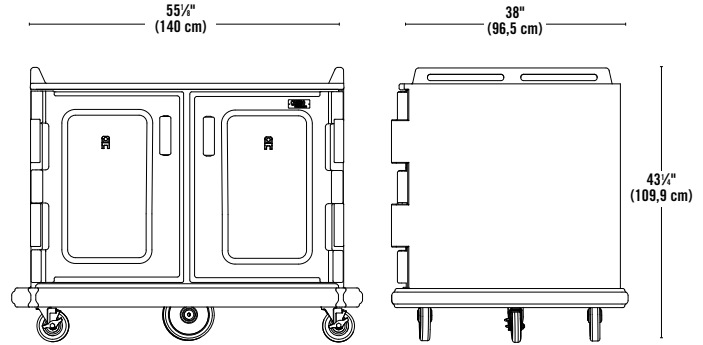
Quantity _____



Side View

End View

MDC1418S20



Side View

End View

MDC1520S20

Specifications

Dimension Tolerance: +/- 1/4" (0,64 cm)

Code	Tray Capacity Per Compartment	Exterior Dimensions L x W x H	Internal Dimensions L x W x H	Case lbs./cube Case Kg/cube m ³
MDC1520S20	20 each 15" x 20" (38 x 51,5 cm)	55 1/2" x 38" x 43 1/2" (140 x 96,5 x 109,9 cm)	20 1/2" x 30 1/4" x 27 1/2" (53,5 x 76,8 x 69,9 cm)	165 (55,29) 74,8 (1,57)
MDC1418S20	20 each 14" x 18" (36 x 46 cm)	48 1/2" x 32 1/2" x 44" (123,2 x 82,6 x 111,8 cm)	18 3/8" x 28 3/8" x 29" (46,7 x 71,1 x 73,7 cm)	160 (49,7) 72,6 (1,41)

Architect Specs

These non-electric carts shall be Low Profile, Double Door, Double Compartment, 20 Tray Capacity Meal Delivery Carts, Model MDC1520S20 and MDC1418S20, manufactured by Cambro Mfg. Co., Huntington Beach, CA 92647, USA. They shall be made of one-piece, seamless, double-wall, high-density, polyethylene and shall be foam injected with polyurethane. They shall have molded-in handles on each end. They shall have molded-in marine top rails and a work surface for tray set-up and service. They shall have non-insulated, ABS doors that open out and over side bumper for clear access to full tray width. They shall have single stack rail system that holds 2 trays per rail, 10 trays per compartment with a rail clearance of 5 1/2" (14 cm). They shall have internal nylon friction latches; one per door. They shall have self-draining compartment floors that are slightly sloped. The MDC1418S20 shall have 4 each 5" (12,7 cm) casters, 2 swivel with brake and 2 rigid, off set. The MDC1520S20 shall have 2 each 8" (20,3 cm) center fixed wheels on an axel and 2 each 5" (12,7 cm) side swivel casters with brakes, set in a diamond configuration. They shall require no assembly. They shall be available in 5 colors.

Standard Colors

- Gray (180)
- Slate Blue (401)
- Granite Gray (191)
- Granite Green (192)
- Granite Sand (194)

Approvals



QCS3 SERIES

90

HIGH VOLUME CONVEYOR TOASTERS

QCS Features/Benefits:

- Patented forced convection keeps the toaster cool to the touch and extends the life of critical components. The forced convection increases productivity by re-circulating pre-heated air into toasting chamber.
- Quartz infrared heaters provide faster, more consistent heating than traditional heating elements.
- High performance -
 - QCS3-1300 produces an industry leading 1300 slices per hour.
 - QCS3-1000 produces 1000 slices per hour.
 - QCS3-950H with a 3" product opening produces 950 slices per hour.
- High volume compact toaster - requires only 18-1/2" of counter space and our patented forced convection system allows the unit to be placed against a wall. Other toasters have louvers requiring additional counter space.
- Easy to use control panel takes the guesswork out of temperature and speed control settings.
- Variable speed and top/bottom heat control for perfect color and texture of bread, bagels, English muffins and more!
- Energy efficient operation with power saver switch that reduces electricity consumption by 75%. And our quartz heaters return to full power in seconds vs. minutes for metal-sheathed elements.
- Extended conveyor belt for easy loading and large warming area for higher production.
- Safe load up area with full width coated front burn guard and cool to the touch exterior.
- "Smart" crumb tray keeps the breadcrumbs from falling under the toaster.
- Heated holding area to keep toast at the perfect temperature.
- Hi-limit switch prevents toaster from overheating protecting critical component parts.
- 24 hours 7 days a week technical support by Holman technicians.



QCS3-950H



QCS3-1000



QCS3-1300

Applications:

Looking for high performance toasters that will keep pace with a hungry crowd - all day long. Our QCS3 series toasters will deliver day and night. Whether you are a high volume school cafeteria or a high volume breakfast restaurant, Holman's QCS3 series will provide high capacity and consistent toasting.

Quality Construction:

No matter how you slice it, Holman delivers high quality, reliable toasters. Stainless steel construction for long lasting durability. Heavy-duty motor, drive chain and conveyor speed control for superior reliability. Conveyor belt tension system for smooth and quiet operation. High performance Quartz Infrared Heaters for superior toasting performance and reliability. Units are easy to disassemble with one-piece cover for cleaning and service. Toasters are furnished with 1" adjustable legs and 4' cord.

Warranty:

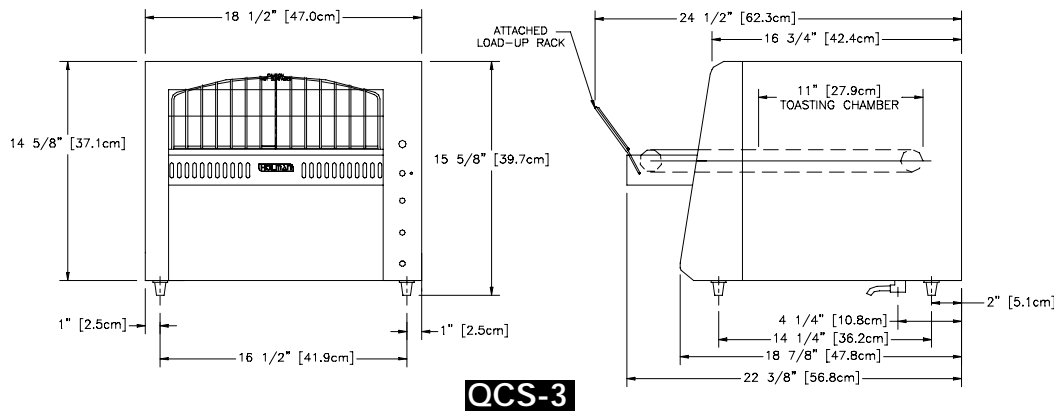
Holman's conveyor toasters are covered by a one-year parts and labor warranty.

Holman Cooking Equipment - 90 Industrial Park Road - P.O. Box 880 - Saco, ME 04072

Phone: (800) 225-3958 - FAX: (207) 282-6283 - www.star-mfg.com



QCS3 SERIES HIGH VOLUME CONVEYOR TOASTERS



QCS-3

Performance Data

Model No.	Production Capacity	Product Opening
QCS3-950H	950 slices or bun halves per hour	3"
QCS3-1000	1000 slices or bun halves per hour	1-1/2"
QCS3-1300	1300 slices or bun halves per hour	1-1/2"

Specifications

Model No.	Dimensions			Shipping Weight lbs (kg)	Shipping Carton		
	Width Inches (cm)	Depth Inches (cm)	Height Inches (cm)		Width Inches (cm)	Depth Inches (cm)	Height Inches (cm)
QCS3-950H	18-1/2" (47.0)	22-3/8" (56.8)	15-5/8" (39.7)	68 (149.6)	22-3/4" (57.7)	19-3/4" (50.1)	25-3/8" (64.4)
QCS3-1000	18-1/2" (47.0)	22-3/8" (56.8)	15-5/8" (39.7)	68 (149.6)	22-3/4" (57.7)	19-3/4" (50.1)	25-3/8" (64.4)
QCS3-1300	18-1/2" (47.0)	22-3/8" (56.8)	15-5/8" (39.7)	68 (149.6)	22-3/4" (57.7)	19-3/4" (50.1)	25-3/8" (64.4)

Electrical Data

Model No.	Volts	HZ 1 Phase	Amps	Watts	Heating Elements ¹		NEMA
					Above Belt	Below Belt	
QCS3-950H	208	60	15.9	3200	3	3	6-20P
	240	60	13.8	3200	3	3	6-20P
	220	50	14.9	3200	3	3	Not Supplied with cord and plug
QCS3-1000	208	60	15.9	3200	3	3	6-20P
	240	60	13.8	3200	3	3	6-20P
	220	50	14.9	3200	3	3	Not Supplied with cord and plug
QCS3-1300	208	60	17.8	3600	3	3	6-30P
	240	60	15.5	3600	3	3	6-30P
	220	50	16.9	3600	3	3	Not Supplied with cord and plug

¹Can be supplied with metal sheathed heaters (no additional charge), however production will be reduced.

Typical Specifications

High volume conveyor toasters are constructed of corrosion resistant stainless steel. Supplied with heavy-duty motor, drive chain and fast heat up quartz infrared heaters. A conveyor belt tension system is supplied for a smooth, quiet operation. Units are supplied with variable speed control, top and bottom heat control, power saver and high limit switch. Extended conveyor belt, crumb tray, heated holding area and full width burn guard are standard. Unit has a one-piece cover for easy access with 1" adjustable legs and a 4' cord. Units are listed with UL, CUL and are UL certified to NSF4. Printed in the U.S.A.



TOASTER TABLE WITH BREAD DISPENSER

- STAINLESS STEEL
- HEAVY DUTY
- MOBILE OR STATIONARY

- LOWER STORAGE AREA
- TRAY SLIDES

MODEL No: TT-DS-

APPLICATION:

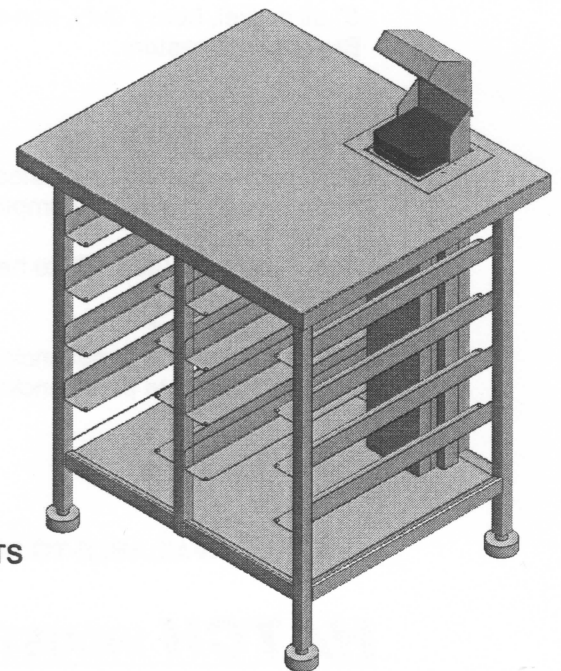
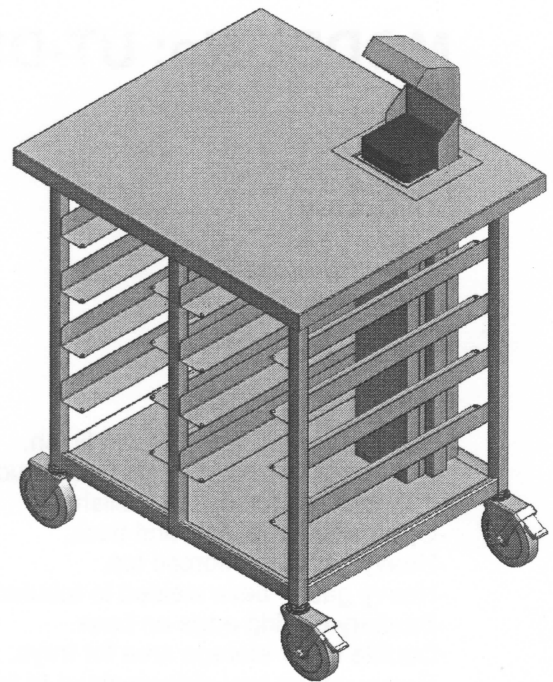
- Toaster table
- Reject table
- Preparation table
- Inspection table

SPECIFICATIONS:

- Stainless steel, type 304, #4 finish.
- Heavy duty, heli-arc welded construction.
- All welds smoothed and polished.
- Open sides and front and back.
- Heavy gauge reinforced top.
- Heavy gauge base welded to tubular frame uprights.
- Sanitary no-drip edge on base.
- Double lower storage area for trays.
- Heavy gauge tray slides welded to frame uprights.
- Tray stops at front and rear of slides.
- 5" [127] tray slide spacing.
- Complete with Model SBD-D/I-1 drop-in bread dispenser.
- Dispenser is self leveling with flip-up dust cover.
- 5" all swivel, heavy duty, non-marking casters.
- Brakes on 2 casters.

OPTIONAL EXTRAS:

- Stationary mounting feet instead of casters.
- Wrap around perimeter bumper.
- Corner bumper.
- Donut bumpers (add 1/2" to height).
- S/S enclosed sides.
- S/S enclosed rear.
- Coloured laminate panel enclosed sides.
- Coloured laminate panel enclosed rear.



CHANGES AVAILABLE TO SUIT CUSTOMER'S REQUIREMENTS

HATCH INDUSTRIES LIMITED

CANADA

P.O. BOX 1713
211 DAWSON ROAD
GUELPH, ONTARIO, N1H 6Z9
PHONE: (519) 822-1420

USA/CANADA TOLL FREE:

1-800-387-6969
FAX: (519) 822-8365

SP-TTDS-01

USA

P.O. BOX 386
LEWISTON, NEW YORK
14092-0386



PROJECT:	MODEL:	QUANTITY:	ITEM NO:

MOBILE HUMI-TEMP PAN SERVERS

Humidified Holding System for 12" x 20" and Gastro-Norm 1/1 Pans

"PS-1220 SERIES"



PS-1220-8



PS-1220-45



PS-1220-15

FWE's built-in "Humi-Temp" system keeps pans of bulk foods "kitchen-fresh", hot and moist!

FWE's PS-Series "Humi-Temp" cabinets accommodate shallow and deep 12" x 20" and GN 1/1 pans. FWE's unique pan slide racks are one piece die stamped stainless steel, providing greater hygiene and strength. The front edges are relieved for easy loading and the pair of racks are removable for easy cleaning.

FWE's patented "Humi-Temp" Heat / Humidity System eliminates hot and cold spots by gently circulating hot, moist air throughout the interior of the cabinet. Humidity can be added to preserve the moisture content of the food keeping the food fresh and hot for hours.

The heat system is built into the cabinet to reduce maintenance and cleaning costs. Clean up is effortless. The controls are upfront and eye-level and feature a full range thermostat adjustable to actual temperature so they are easy to see and operate. Our cabinets are built tough using stainless steel throughout. Welded construction and our exclusive tubular stainless steel base frame ensure that our cabinets will withstand the most demanding use. And when it comes to selection, no one offers more than FWE. We offer sizes and capacities to fit any operation. Make your choice FWE . . . the "Choice of the Professionals"

- ◇ "Humi-Temp" built-in heat system
- ◇ Removable humidity reservoir
- ◇ Full range thermostat adjustable to actual temperature
- ◇ Recessed eye-level controls
- ◇ All stainless steel
- ◇ All welded construction - no rivets
- ◇ Tubular stainless steel welded base frame
- ◇ Full extension bumper
- ◇ Heavy-duty polyurethane casters
- ◇ Heavy-duty hinges
- ◇ Positive close door latch
- ◇ Heavy-duty push bars
- ◇ Hi-temp door gasket
- ◇ Fully insulated throughout
- ◇ Stainless steel pan slides
- ◇ Two year limited warranty

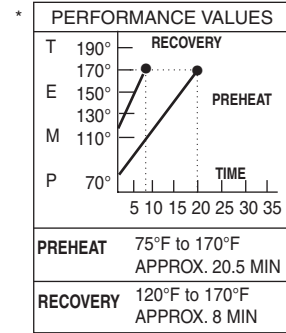
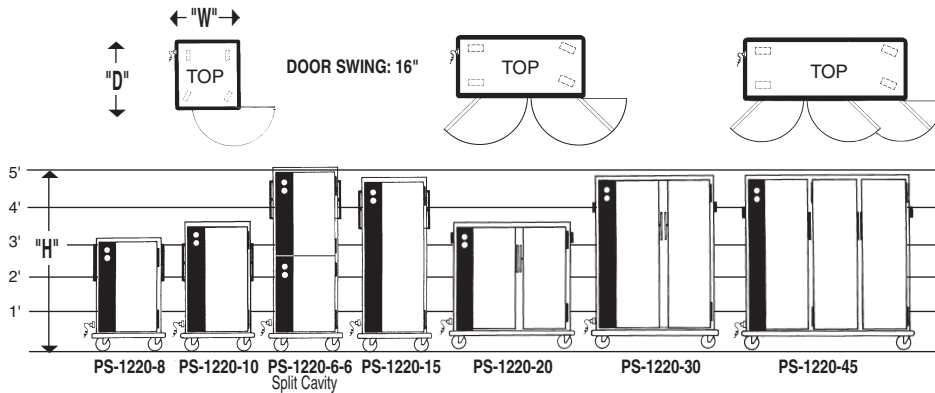


PROJECT:	MODEL:	QUANTITY:	ITEM NO:
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SPECIFICATIONS:

MOBILE HUMI-TEMP PAN SERVERS

For 12" x 20" and GN 1/1 Pans



* Values are for mid-size model listed.

MODEL NUMBER	CAPACITIES OF 12" x 20" or GN 1/1 PANS [A]						OVERALL EXTERIOR DIMENSIONS IN. (mm)			NO. OF DOORS	CASTER SIZE	SHIP WT. LBS. (KG)
	2.625" FIXED SPACINGS			66.7mm FIXED SPACINGS			HIGH "H"	DEEP "D"	WIDE "W"			
	DEPTH 12" x 20" PANS			DEPTH GN 1/1 PANS								
PS-1220-8	8	4	2	8	4	2	37.25" (946)	26.75" (679)	24.5" (622)	1	5"	150 (68)
PS-1220-10	10	5	3	10	5	3	42.5" (1080)	26.75" (679)	24.5" (622)	1	5"	200 (90)
PS-1220-6-6 Split Cavity	12 6 ea	6 3 ea	4 2 ea	12 6 ea	6 3 ea	4 2 ea	63" (1600)	26.75" (679)	24.5" (622)	2	5"	230 (104)
PS-1220-15 †	15	7	5	15	7	5	57.5" (1461)	26.75" (679)	24.5" (622)	1	5"	215 (98)
PS-1220-20	20	10	6	20	10	6	42.5" (1080)	26.75" (679)	42" (1067)	2	5"	255 (116)
PS-1220-30 †	30	14	10	30	14	10	57.5" (1461)	26.75" (679)	42" (1067)	2	5"	315 (142)
PS-1220-45 †	45	21	15	45	21	15	57.5" (1461)	26.75" (679)	59.25" (1505)	3	5"	415 (188)

[A] Combinations of deep and shallow pans may be used with varying capacities. Many half-size pans may also be used. For one-third size pans, consult factory.

- Dutch Doors [add "D"] are 2 half size doors available on the full-size models. †
- Pass-thru Door [add "P"] is available on all model sizes. Add 2.5" to depth dimension.
- See-thru Lexan Door [add "L"] is available on all model sizes.

ELECTRICAL DATA			
	PS-1220-8 PS-1220-10 PS-1220-15	PS-1220-6-6 Split Cavity	PS-1220-20 PS-1220-30 PS-1220-45
VOLTS	120	120	120
WATTS	1350	2100	1600
AMPS	11.3	17.5	13.3
HERTZ	50 / 60	50 / 60	50 / 60
PHASE	Single	Single	Single
NEMA PLUG	5-15P	5-20P	5-15P

Dedicated circuit.

CONSTRUCTION. Heliarc welded, single unit construction of stainless steel; 20-gauge polished exterior, 22-gauge stainless steel interior with easy-to-clean covered corners. Welded tubular base frame shall be 1" square, heavy gauge stainless steel tubing, with 10-gauge stainless steel reinforcing plates at corners.

INSULATION. "Ultra-Guard" UG-26 high density fiberglass insulation throughout; top, back, bottom, sides, and door(s).

PUSH BAR HANDLES. Heavy-duty, solid formed 1" x .375" thick, mounted at each end of unit. Mountings reinforced with stainless steel channel.

BUMPER. Solid 1.5" wide continuous wraparound aluminum channel, bolted to frame, with snap-in, non-marking replaceable vinyl cushion. Full perimeter bumper extends beyond doors, handles, etc., for added protection. Shall be continuous, with corner cut-outs to facilitate cleaning.

DOORS AND LATCHES. Flush mounted, stainless steel insulated doors. High temperature gasket sealed; gasket shall be cabinet mounted. Each door shall have two (2) heavy-duty edgemount die cast hinges. Door latch shall be edgemounted, full grip, and positive closing. The hinge and latch mountings are reinforced with stainless steel backing plates.

CASTERS. Maintenance free polyurethane tire casters in a configuration of two (2) rigid and two (2) swivel with brake. Casters shall have a reinforced yoke mounted to 10-gauge caster plate. The caster mounting plate shall be secured to a 10-gauge stainless steel reinforcing stress plate via welded in place stainless steel studs. The reinforcing stress plates shall be welded to the heavy gauge tubular frame of the unit.

PAN SLIDES. Stainless steel racks shall be one piece die stamped channel-type pan slides at 2.625" (66.7 mm) spacings to accommodate either deep or shallow 12" x 20" or GN 1/1 pans (at varying capacities - see chart). Racks are removable without tools for cleaning. Racks shall lift off heavy-duty stainless steel supports.

HEATING SYSTEM / CONTROLS. Patented built-in "Humi-Temp" system shall include an Incoloy nickel-chromium alloy heating element and Hi-Temp, self-lubricated, impedance protected fan-cooled blower motor. Cabinet shall have humidifying chamber and drawer style baffled humidifier pan. Both shall be stainless steel and removable. Controls shall be up-front, recessed and shall include a full range thermostat adjustable to actual temperature. Thermostat shall include temperature scale marked in ten degree increments (F/C) from 90° to 190°F (30° to 90°C). An operational range thermometer, power supply light, thermostat cycling light, and 20 amp ON/OFF switch are also included.

ELECTRICAL CHARACTERISTICS. 3 wire grounded 10 foot extension power cord and plug, side mounted for safety. See electrical data chart above for amperage and receptacle configuration. Dedicated circuit.

FWE Products are used by major companies world-wide. We can modify, design, or custom build equipment to fit your special requirements.

Optional Accessories:

- Electronic controls
- Digital thermometer
- 1500 or 2000 watt element
- 220 volt, 50/60 Hz, single phase
- CE compliant
- Heat retention battery
- "Convert-a-Unit" for canned fuel use
- MODELS: PS-1220-8 PS-1220-10 PS-1220-15 PS-1220-6-6
- Dutch doors †
- See-thru lexan door
- Key locking door latch
- Magnetic latch
- Paddle latch
- Padlocking transport latch
- Left hand door hinging
- Security packages
- All swivel or larger casters
- Door edge trim
- Cold plate cartridge
- Floorlock (requires 6" casters)
- Custom pan slide spacings

FWE products may be covered under one or more of the following U.S. patents: 288,299;238,300;3,952,609;4,192,991.

All specifications subject to change without notice. © 11F Food Warming Equipment Company, Inc.



Food Warming Equipment Company, Inc.

P.O. Box 1001
Crystal Lake, IL 60039 USA
800-222-4393; 815-459-7500
Fax: 815-459-7989

Manufacturing Facilities:
7900 S. Route 31
Crystal Lake, IL 60014 USA
www.FWE.com sales@fweco.net



THE Sōta™

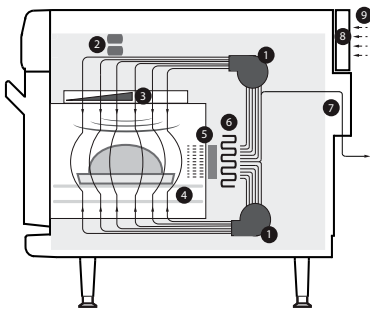


PERFORMANCE

Utilizing TurboChef's patented technology to rapidly cook food without compromising quality, the Sōta provides superior cooking performance while requiring less space and consuming less energy.

VENTILATION

- UL 710B (KNLZ) listed for ventless operation.[†]
- EPA 202 test (8 hr):
 - Product: Pepperoni Pizzas
 - Results: 0.64 mg/m³
 - Ventless Requirement: <5.00 mg/m³
- Internal catalytic filtration to limit smoke, grease, and odor emissions.



1. Blower Motors
2. Microwave System
3. Stirred Impinged Air (Top) and Microwave
4. Impinged Air (Bottom)
5. Catalytic Converter
6. Impingement Heater
7. Vent Tube Catalyst
8. Air Filter
9. Inlet Air for Cooling Electronic Components

SPECIFICATION SHEET

EXTERIOR CONSTRUCTION

- Powder coated, corrosion-resistant steel outer wrap and door
- Die-cast aluminum front panels with matte-chrome accents
- Cool-to-touch exterior; all surfaces below 50°C
- Ergonomic matte-chrome door handle
- 4-inch nickel-plated legs

INTERIOR CONSTRUCTION

- 201/304 stainless steel
- Fully welded and insulated cook chamber
- Removable rack and lower jetplate

STANDARD FEATURES

- Independently-controlled dual motors for vertically-recirculated air impingement
- Top-launched microwave system
- Stirrer to help ensure even distribution of air and microwave
- Integral recirculating catalytic converter for UL 710B (KNLZ) listed ventless operation
- External air filtration
- Vent catalyst to further limit emissions and odors
- LED timer counts down last 30 seconds of cook time
- Smart menu system capable of storing up to 256 recipes
- Flash firmware updates via smart card
- Single or dual-temperature interface
- Field-configurable for single or multiphase operation (requires service call)
- Self-diagnostics for monitoring oven components and performance
- Smart Voltage Sensor Technology* (U.S. only)
- Stackable (requires stacking stand)
- Warranty – 1 year parts and labor

COMES WITH STANDARD ACCESSORIES

- 1 Bottle Oven Cleaner (103180)
- 1 Bottle Oven Guard (103181)
- 2 Trigger Sprayers (103182)
- 1 Solid Aluminum Pan (i1-9496)
- 1 Aluminum Paddle (NGC-1478)



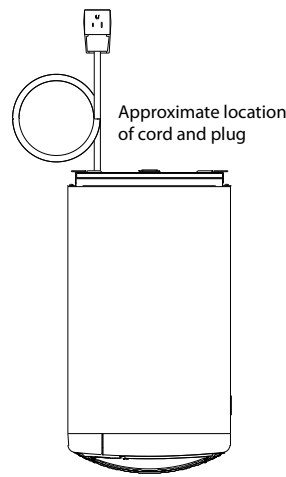
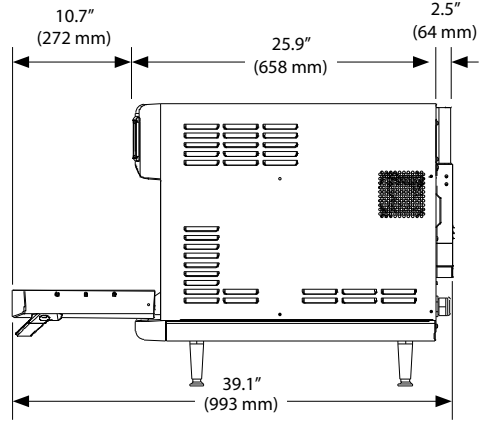
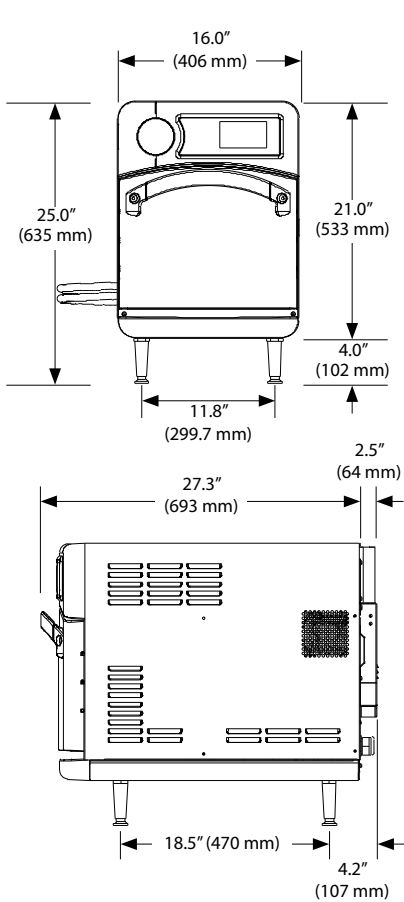
This product conforms to the ventilation recommendations set forth by NFPA96 using EPA202 test method.

* Smart Voltage Sensor Technology does not compensate for lack of or over voltage situations. It is the responsibility of the owner to supply voltage to the unit according to the specifications on the back of this sheet.

[†] Ventless certification is for all food items except for foods classified as "fatty raw proteins." Such foods include bone-in, skin-on chicken, raw hamburger meat, raw bacon, raw sausage, steaks, etc. If cooking these types of foods, consult local HVAC codes and authorities to ensure compliance with ventilation requirements.

Ultimate ventless allowance is dependent upon AHJ approval, as some jurisdictions may not recognize the UL certification or application. If you have questions regarding ventless certifications or local codes, please email ventless.help@turbochef.com

TurboChef reserves the right to make substitutions of components or change specifications without prior notice.



- US, CAN, LA (NEMA 6-30P)
- UK, BK (IEC 309, 3-pin)
- JK (NEMA L6-50, PSE, 3-blade)
- JD (NEMA L6-50, PSE, 4-blade)
- ED, BD, SD (IEC 309, 4-pin)
- EW, KW (IEC 309, 5-pin)
- EW (Clipsal, 5-pin)

DIMENSIONS

Single Units		
Height	25.0"	635 mm
Width	16.0"	406 mm
Depth	29.8"	757 mm
Weight	170 lb.	77.1 kg
Cook Chamber		
Height	7.2"	183 mm
Width	12.5"	317 mm
Depth	10.5"	266 mm
Volume	0.54 cu.ft.	15.4 liters
Wall Clearance (Oven not intended for built-in installation)		
Top	5"	102 mm
Sides	2"	51 mm

SHIPPING INFORMATION

U.S.: All ovens shipped within the U.S. are packaged in a double-wall corrugated box banded to a wooden skid.
 International: All International ovens shipped via Air or Less than Container Loads are packaged in wooden crates.

Box size: 37" x 24" x 37" (940 mm x 610 mm x 940 mm)
 Crate size: 38" x 26" x 38" (965 mm x 660 mm x 965 mm)
 Item class: 85 NMFC #26770 HS code 8419.81

Approximate boxed weight: 205 lb. (93 kg)
 Approximate crated weight: 275 lb. (125 kg)

Minimum entry clearance required for box: 24.5" (622 mm)
 Minimum entry clearance required for crate: 26.5" (673 mm)

ELECTRICAL SPECIFICATIONS

SINGLE PHASE		
US/Canada	I1-9500-1	208/240 VAC, 60 Hz, 30 amps, 6.2 kW
Europe (UK)	I1-9500-2-UK	230 VAC, 50 Hz, 27 amps, 6.2 kW
Brazil (BK)	I1-9500-6-BK	220 VAC, 60 Hz, 28 amps, 6.2 kW
Latin America (LA)	I1-9500-7-LA	220 VAC, 60 Hz, 28 amps, 6.2 kW
Japan (JK)	I1-9500-8-JK	200 VAC, 50 Hz, 30 amps, 6.2 kW
Japan (JK)	I1-9500-10-JK	200 VAC, 60 Hz, 30 amps, 6.2 kW
MULTIPHASE		
Europe Delta (ED)	I1-9500-3-ED	230 VAC, 50 Hz, 20 amps, 6.2 kW
Europe Wye (EW)	I1-9500-4-EW	400 VAC, 50 Hz, 16 amps, 6.2 kW
Japan Delta (JD)	I1-9500-9-JD	200 VAC, 50 Hz, 20 amps, 6.2 kW
Japan Delta (JD)	I1-9500-11-JD	200 VAC, 60 Hz, 20 amps, 6.2 kW
Korea/Middle East Wye (KW)	I1-9500-12-KW	400 VAC, 60 Hz, 16 amps, 6.2 kW
Korea/Middle East Delta (SD)	I1-9500-13-SD	230 VAC, 60 Hz, 20 amps, 6.2 kW

⚠ TurboChef requires installing a type D circuit breaker for all installations.

TurboChef Global Operations
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 Carrollton, Texas 75007 USA
 US: 800.90TURBO (800.908.8726)
 International: +1 214.379.6000
 Fax: +1 214.379.6073
 www.turbochef.com



UC4532N Undercounter

Reduced Height Front-Breathing Self-Contained Undercounter Freezer Bases

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

UC4532N Undercounter: Reduced Height Front-Breathing Self-Contained Undercounter Freezer Bases

Models

- UC4532N Single section freezer undercounter with a door
- **UCD4532N** Single section freezer undercounter with drawers



UCD4532N

Standard Features

- 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Heavy duty self-closing hinges
- "D" prefix models feature Delfield's exclusive new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
- Standard on 3" casters for easy cleaning and installation
- 60-cycle single phase electrical system
- 6' cord and plug supplied

- One epoxy coated wire shelf standard, installed per door section
- Electronic control
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- 18" wide single tier overself
 - Stainless steel finish on back
 - Plastic laminate on front
 - Additional wire shelves
 - Door lock (solid door models only)
 - Exterior thermometer (solid door models only)
 - Interior lights
 - 220V/50 Hertz electrical system*
- * Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides of door models are thermoformed ABS plastic with integral shelves supports. Interior back is one-piece 22-gauge stainless steel. Interior bottom and top are thermoformed ABS plastic. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor, condenser coil and condensate evaporator are mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a txv valve. Cabinet maintains an interior cabinet temperature of -5°F to 0°F (-21°C to -18°C).

Electronic control is located on the exterior back of the cabinet. It allows the unit to maintain consistent temperatures in heavy duty conditions.

Electrical connections are 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Casters: Equipment is mounted on 3" (7.6cm) diameter plate casters. Equipment clearance above the floor is 0.66" (1.7cm).

Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet of door models has one adjustable epoxy coated wire shelf.

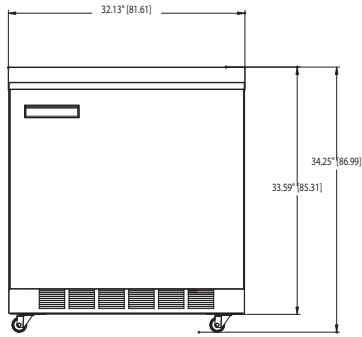
Drawers have a 24-gauge stainless steel exterior with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Drawer units have two drawers. Top drawer holds two 12" x 20" (30.5cm x 50.8cm) 4"-6" (10.2cm-15.2cm) deep pans. Bottom drawer holds two 12" x 20", 4" deep pans. Pans are supplied by others.



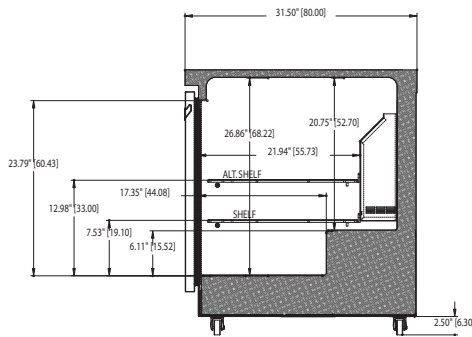


UC4532N Undercounter

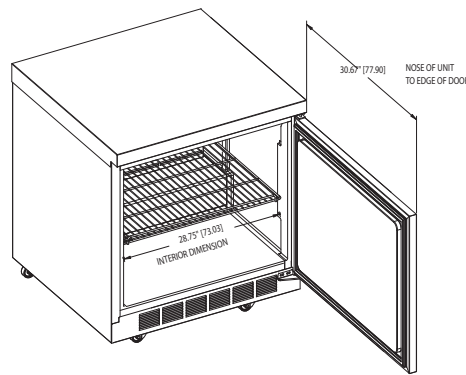
Reduced Height Front-Breathing Self-Contained Undercounter Freezer Bases



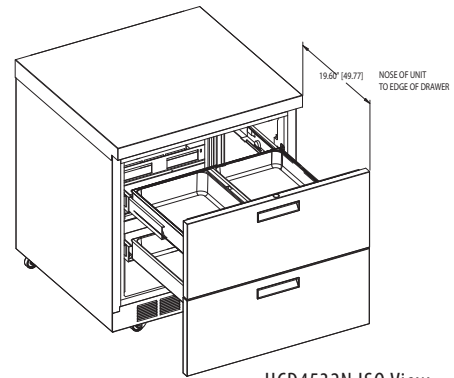
UC4532N Elevation View



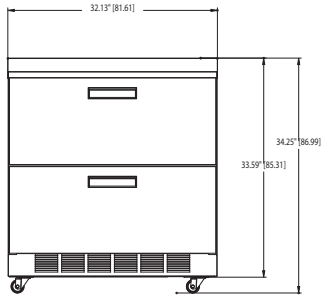
UC4532N Right Side View



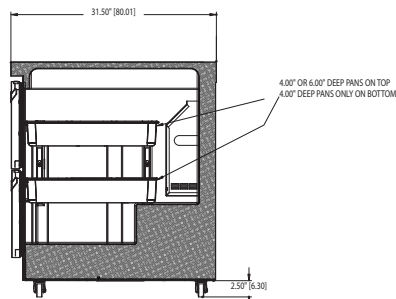
UC4532N ISO View



UCD4532N ISO View



UCD4532N Elevation View



UCD4532N Right Side View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

PLEASE NOTE:

Air flow through the louver on the back of the unit is not necessary for operation, however, any air which passes through the louver is beneficial.

Specifications

Model	# of Shelves	Shelf Area	Volume	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight
UC4532N	1	3.88ft ²	8.8ft ³	1/5	115/60/1	9.5	5-15P	245lbs/111kg
UCD4532N	NA	NA	8.8ft ³	1/3	115/60/1	9.5	5-15P	293lbs/133kg

Delfield reserves the right to make changes to the design or specifications without prior notice.

980 S. Isabella Rd.
Mt. Pleasant, Michigan 48858

Phone: 800-733-8948 or 989-773-7981
Fax: 800-669-0619
www.delfield.com

Printed in the U.S.A.
DSUC4532N
03/13





UC4448N Undercounter

Reduced Height Front-Breathing Self-Contained Undercounter Refrigerated Bases

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

UC4448N Undercounter: Reduced Height Front-Breathing Self-Contained Undercounter Refrigerated Bases

Models

- UC4448N Two section refrigerator, undercounter with a door
- **UCD4448N** Two section refrigerator, undercounter with drawers



UC4448N

Standard Features

- All 4400 and 4500 Series units are 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Heavy duty self-closing hinges
- "D" prefix models feature Delfield's exclusive new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
- Standard on 3" casters for easy cleaning and installation
- 60-cycle single phase electrical system

- 6' cord and plug supplied
- One epoxy coated wire shelf standard, installed per door section
- Electromechanical control
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- 18" wide single tier overself
- Stainless steel finish on back
- Plastic laminate on front
- Additional wire shelves
- Door lock (solid door models only)
- Exterior thermometer (solid door models only)
- Interior lights
- Glass door(s)
- 220V/50 Hertz electrical system*

* Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides of door models are thermoformed ABS plastic with integral shelves supports. Interior back is one-piece 22-gauge stainless steel. Interior bottom and top are thermoformed ABS plastic. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor is 1/5 H.P., with condenser coil and condensate evaporator mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

Electromechanical control is mounted on the right side of the evaporator housing inside the cabinet. It allows the unit to maintain consistent temperatures in heavy duty conditions.

Electrical connections are 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Casters: Equipment is mounted on 3" (7.6cm) diameter plate casters. Equipment clearance above the floor is 0.66" (1.7cm).

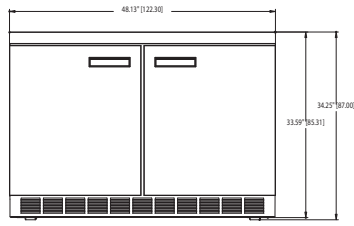
Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet of door models has one adjustable epoxy-coated wire shelf.

Drawers have a 24-gauge stainless steel exterior with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Drawer units have two drawers. Top drawer holds one 12" x 20" (30.5cm x 50.8cm) and three 1/9 size 4"-6" (10.2cm-15.2cm) deep pans. Bottom drawer holds one 12" x 20" and three 1/9 size 4" deep pans. Pans are supplied by others.

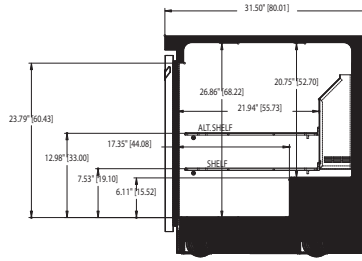


Only Model UC4448N

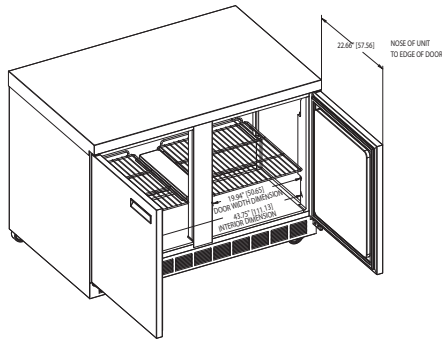




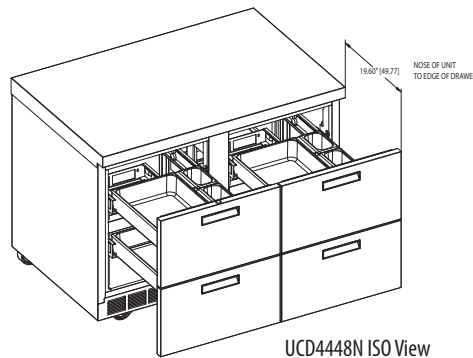
UC4448N Elevation View



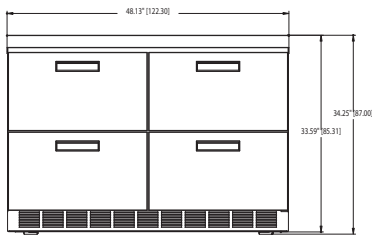
UC4448N Right Side View



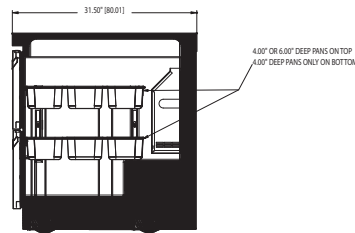
UC4448N ISO View



UCD4448N ISO View



UCD4448N Elevation View



UCD4448N Right Side View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

Specifications

Model	# of Shelves	Shelf Area	Volume	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight	Energy KWH/Day
UC4448N	2	5.48ft ²	16.00ft ³	1/5	115/60/1	3.9	5-15P	316lbs/143kg	2.61
UCD4448N	NA	NA	16.00ft ³	1/5	115/60/1	3.9	5-15P	398lbs/181kg	NA

Delfield reserves the right to make changes to the design or specifications without prior notice.

XO-1M Tabletop Oven

Project _____

Item _____

Quantity _____



SIZE:

XO-1M - 21-1/8" High, 27-1/8" Wide, 27-3/4" Deep
537 mm High, 689 mm Wide, 705 mm Deep

NU-VU's XO-1M tabletop ovens are designed to hold up to either five 12"x18" half size sheet pans or five 12"x20"x2-1/2" food service pans. With exclusive circulating air and heat, they are excellent for baking and reheating all types of food products. There is never a need to turn the pans. Since the XO-1M's don't require venting in most areas, they can be located throughout the store.

With a variety of options, the XO-1M can be the ideal oven for a wide variety of applications.

The XO-1M is the big brother to the XO-1. The XO-1 has the ability to hold either three or four half-size sheet pans, and is available as a 120 Volt unit.

These units also feature flush mount doors, which means no sagging or leaking. Lift off hinges allows for easy cleaning.

STANDARD FEATURES:

- Stainless steel construction
- 4" adjustable legs
- Full view tempered glass door
- Silicone rubber gasket on door
- Squirrel cage fan

OPTIONAL FEATURES:

- Solid door
- Internal steam
- Condensing reservoir
- Stacking kit
- Wire racks
- Programmable controls
- Cart or stand with or without panslides

CONSTRUCTION:

- Welded stainless steel
- Fully insulated
- Control panel accessible through front of unit
- Heating elements accessible inside of cabinet and through side

CONTROLS:

- Solid state controls
- Indicator light for thermostat
- Two speed fan switch

NU-VU® XO-1M Tabletop Oven

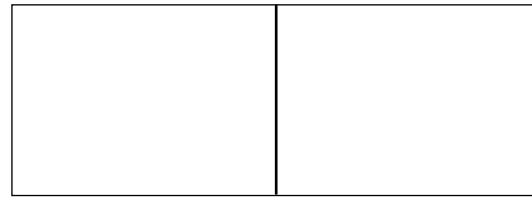
LABORATORY CERTIFICATION AND APPROVAL



NU-VU® Food Service Systems

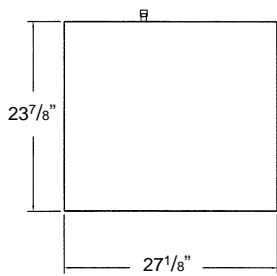
www.nu-vu.com
5600 13th Street
Menominee, MI 49858

1-800-338-9886 Toll Free
1-906-863-4401 Phone
1-906-863-5889 Fax

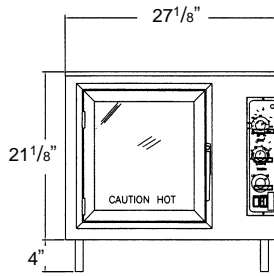


Approval / Stamp

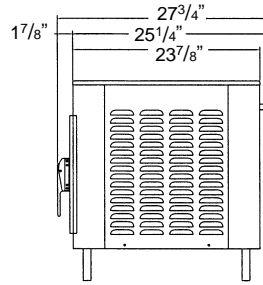
XO-1M Tabletop Oven



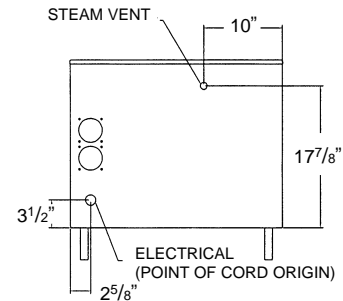
TOP



FRONT



SIDE



BACK

SPECIFICATIONS: ELECTRICAL:

SERVICE CONNECTIONS:

- Unit is shipped from factory to be hard wired on site.
- Single phase uses three-wire system. Three phase uses four wire system.
- 208 or 240-Volt single or three phase is standard. (Please specify at time of order.)
- One 4,000-Watt heating element is mounted in the sidewall of the oven.
- A 1/4" waterline is required if the internal steam option is selected.

ELECTRICAL:

Amp Draw	208/1	208/3	240/1	240/3
	21	20	19	17

WATER:

A 1/4" waterline is required if a steam option is selected.

LISTINGS:

The XO-1M has C-ETL-US & NSF listings.



INSTALLATION:

Allow four inches on each side and back of unit for ventilation of oven.

CAPACITY:

	13"x18" Sheet Pans	12"x20"x2" Food Sheet Pans
2-7/8" Spacing	5	5
3-5/8" Spacing	4	4

DIMENSIONS:

	Height	Width	Depth
Exterior	20-1/8"	27-1/8"	27-3/4"
Interior	16-3/4"	15-3/4"	21-1/2"

DOOR SWING: Oven - 17" (432 mm)

PACKING SIZE:

28" High, 36" Wide, 36" Deep
(711 mm High, 914 mm Wide, 914 mm Deep)

SHIPPING WEIGHT:

180 Pounds (82 Kg), FOB Menominee, MI 49858

NU-VU® XO-1M Tabletop Oven

ITEM# _____

BrewWISE® Dual ThermoFresh® DBC Multi-Phase Brewer

PROJECT _____

DATE _____



Features

BrewWISE® Brewing System with ThermoFresh® Servers

- Brewer can be field converted to operate on either 3 phase or 1 phase.
- Stores individual coffee recipes so operator can easily brew many varieties.
- Coffee extraction controlled with pre-infusion and pulse brew, digital temperature control and large sprayhead; coffee strength controlled with variable by-pass.
- Operate any combination of BrewWISE® equipment error-free with wireless brewer-grinder interface through the Smart Funnel®.
- SplashGard® funnel and optional funnel locks help improve safety.
- Master on/off switch.
- ThermoFresh® servers are vacuum insulated to keep coffee hot and fresh for hours. (sold separately)
- Create coffee recipe cards with custom recipes, ad cards with messages that display on the brewer LCD, and dedicated funnels for special coffees with the BrewWISE Recipe Writer using your PC (U.S. and English Windows® compatible).
- Brew capacity varies. See back for details.

Dual TF DBC Multi-Phase with 1.5 gallon TF Servers *(servers sold separately)*

Dimensions: 35.7" H x 21.8" W x 20.2" D
(90.7cm H x 55.4cm W x 51.3cm D)

For current specification sheets and other information, go to www.bunn.com.

Related Products

Easy Clear® EQHP-25L
Product No. : 39000.0002



Easy Clear® EQHP-25
Product No. : 39000.0005

Single/Dual Filter Pack
Product No. : 20138.0000



BrewWISE® Recipe Writer (BRW)
Product No.: 34444.0001



Recipe Card
Product No.: 34447.0000

- Program a recipe to be used on brewer or grinder.



Ad Card
Product No.: 34448.0000

- Program a message to appear on the brewer's display.



Multi-Hopper Grinder (MHGA)
Product No.: 35600.0003
(230 volt black finish)



TF Servers
Product No.: 39550.0001
• 1.5 gallon, Mechanical Gauge, Black
Product No.: 39550.0000
• 1.5 gallon, Mechanical Gauge, Stainless Steel



TF Digital Servers
Product No.: 39550.0051
• 1.5 gallon, Digital Gauge, Black
Product No.: 39550.0050
• 1.5 gallon, Digital Gauge, Stainless Steel



Dimensions & Specifications

Model	Product #	Shipping Weight	Cord Attached	Agency
Dual TF DBC Multi-Phase	34600.0020	92.5 lbs. (42 kg)	No	CE PC
Dual TF DBC Multi-Phase*	34600.0025	92.5 lbs. (42 kg)	No	CE PC

*(black decor)

Phase	Volts	Amps	Tank Heater Watts	Total Watts	Brewing Capacity
3 (w/neutral)	230/400	16 (per phase)	9093	11,125	26 gal/hr (98 L/hr.)
1	230	27.2	2@3030	6265	17.3 gal/hr (65.5 L/hr.)

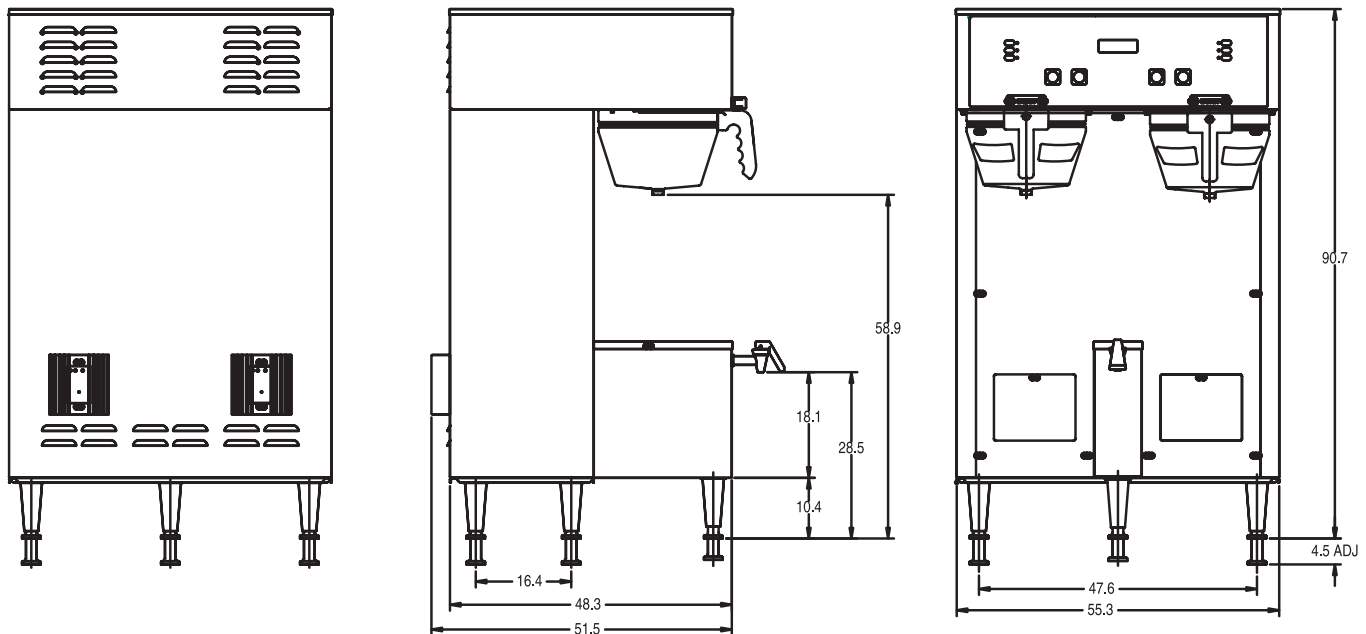
Brewing capacity: based upon incoming water temp of 60°F (15.5°C), 140°F rise (60°C) per 1/2 gallon brew time of 4 minutes. Equipped with funnel locks.

Electrical: Brewer is configured for 3-phase (with neutral) use. By moving one wire in brewer's terminal block, the same unit can be configured for 1-phase (230 volt) operation.

3-Phase - Phase to phase = 400V (will work on any voltage rated 380-415). Phase to neutral = 230V. 4 wire plus ground, 50/60 Hz, 3 active heaters.

1-Phase - Voltage = 230, 2 wire plus ground, 50/60Hz, 2 active heaters.

Plumbing: 20-90 psi (138-621 kPa). Machine supplied with 1/4" male fitting. Tank capacity: 10.6 gallons (40.1 L)



Bunn-O-Matic® Corporation - 1400 Stevenson Drive Springfield, Illinois 62703 • USA • +1-217-529-6601 • Fax +1-217-529-2827 • www.bunn.com

BUNN® practices continuous product research and improvement. We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

All dimensions shown in centimeters.

9/08 © Bunn-O-Matic Corporation

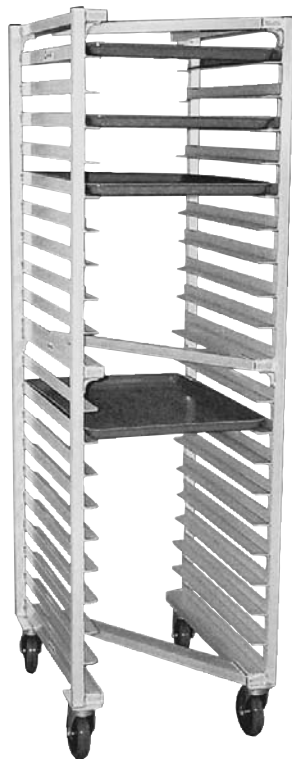


Profit from the Eagle Advantage®

Specification Sheet

Short Form Specifications

Eagle Panco® “Z” Type Nesting Rack, model _____.
All-welded aluminum construction. “Z” shaped horizontal supports and base allow racks to take up less floor space, and “nest” inside each other. Slide spacing is 2” or 3” to accommodate (20 or 30) 18” x 26” sheet pans. Furnished with 5”-diameter casters. Shipped assembled.



#OUR-1820-3-N
“Z” type nesting rack

Options / Accessories

- Casters with locking brakes
- Vertical bumpers

EAGLE GROUP

100 Industrial Boulevard, Clayton, DE 19938-8903 USA
Phone: 302-653-3000 • Fax: 302-653-2065
www.eaglegrp.com

Foodservice Division: Phone 800-441-8440
MHC/Retail Display Divisions: Phone 800-637-5100

For custom configuration or fabrication needs, contact our **SpecFAB®** Division.
Phone: 302-653-3000 • Fax: 302-653-3091 • e-mail: specfab@eaglegrp.com

Item No.:	_____
Project No.:	_____
S.I.S. No.:	_____

Panco® “Z” Type Nesting Racks

MODELS:

- OUR-1820-3-N
- OUR-1830-2-N

Design and Construction Features

- “Z”-shaped horizontal supports and base allow these racks to take up less square footage than standard racks when not in use; Racks “nest” inside each other.
- These racks accommodate 18” x 26” (457 x 660mm) sheet pans.
- Heavy duty all-welded aluminum construction.
- Units available with pan capacity of 20 or 30.
- 5” (127mm)-diameter heavy duty plate casters.
- All models shipped assembled.

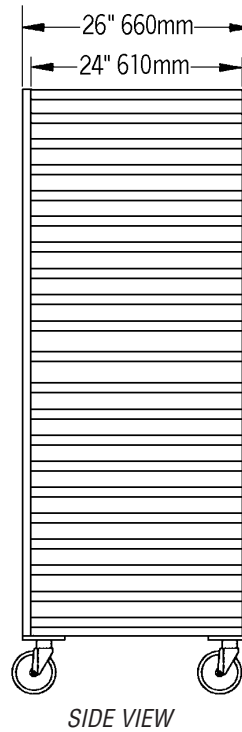
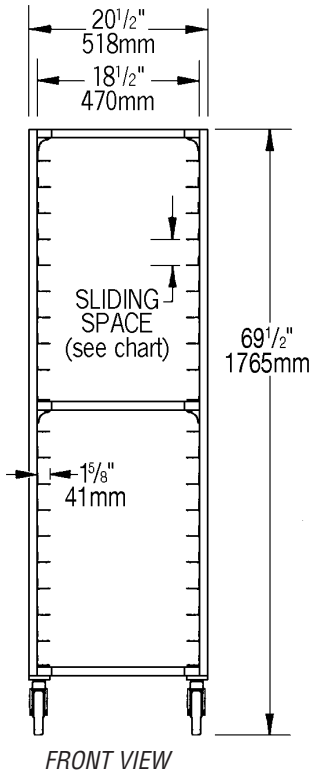
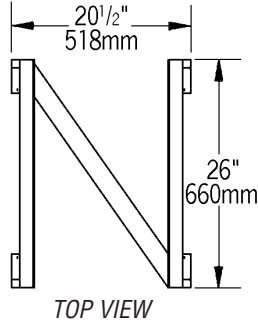


Spec sheets available for viewing, printing or downloading from our online literature library at www.eaglegrp.com



Item No.: _____
 Project No.: _____
 S.I.S. No.: _____

Panco® "Z" Type Nesting Racks



model #	overall dimensions				weight		slide spacing		pan capacity	
	width in.	width mm	depth in.	depth mm	height in.	height mm	lbs.	kg		
OUR-1820-3-N	20 1/2"	521	26"	660	69 1/2"	1765	72	32.7	3" 76	20
OUR-1830-2-N	20 1/2"	521	26"	660	69 1/2"	1765	86	39.0	2" 51	30

EAGLE GROUP
 100 Industrial Boulevard, Clayton, DE 19938-8903 USA
 Phone: 302-653-3000 • Fax: 302-653-2065
 www.eaglegrp.com

Foodservice Division: Phone 800-441-8440
 MHC/Retail Display Divisions: Phone 800-637-5100

Printed in U.S.A.
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 Rev. 08/08

Spec sheets available for viewing, printing or downloading from our online literature library at www.eaglegrp.com

Although every attempt has been made to ensure the accuracy of the information provided, we cannot be held responsible for typographical or printing errors. Information and specifications are subject to change without notice. Please confirm at time of order.



PANINI

CONCEPT

ELECTRIC PANINI PRESSES

A complete range of panini grills especially suited for creative food the easy way

- Fine grain cast iron grooved and smooth plates
- Stainless steel base for lasting service
- Adjustable spring counter balanced top
- Detachable front drip tray and scraper for convenient cleaning
- Even heat distribution through top and bottom plates
- Rapid grilling of sandwiches, meat, fish and vegetables
- Thermostatically controlled up to 570°F
- On/off switch and pilot lights for convenience and safety

208/240 V

DIABLO



OPTIONS:

- * grooved top and bottom plates
- * smooth top and bottom plates
- * smooth right top and bottom/ grooved left top and bottom
- * smooth bottom/ grooved top.
- * optional timers (2 required)

MAJESTIC

208/240 V



OPTIONS:

- * grooved top and bottom plates
- * smooth top and bottom plates
- * smooth right top and bottom/ grooved left top and bottom
- * optional timers (2 required)

PANINI

120 V

208/240 V



OPTIONS:

- * grooved top and bottom plates
- * smooth bottom/ grooved top plates
- * smooth top and bottom plates
- * optional timer

SAVOY

120 V



OPTIONS:

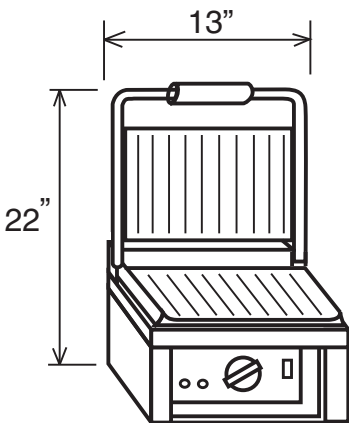
- * grooved top and bottom plates
- * smooth top and bottom plates
- * optional timer



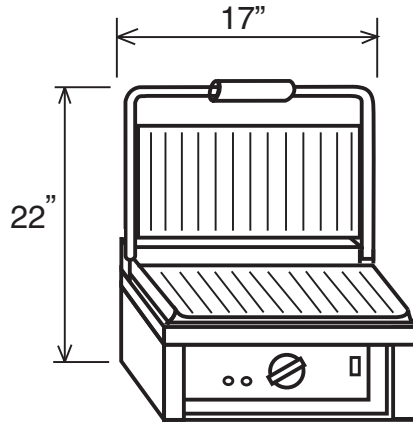
765 WESTMINSTER STREET PROVIDENCE, RI 02903
 TEL: (401)273-3300 FAX: (401)273-3328 E-mail: sales@equipex.com
 www.equipex.com



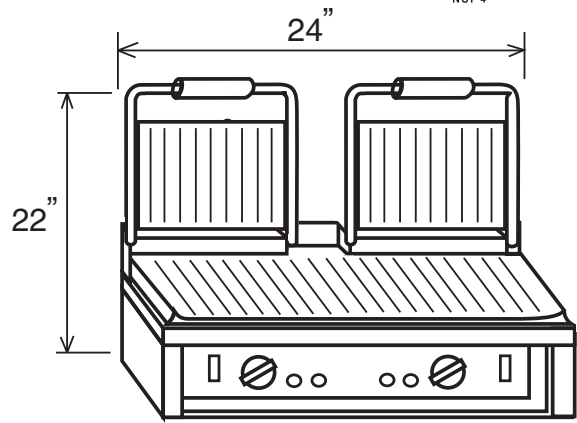
ELECTRIC PANINI PRESSES



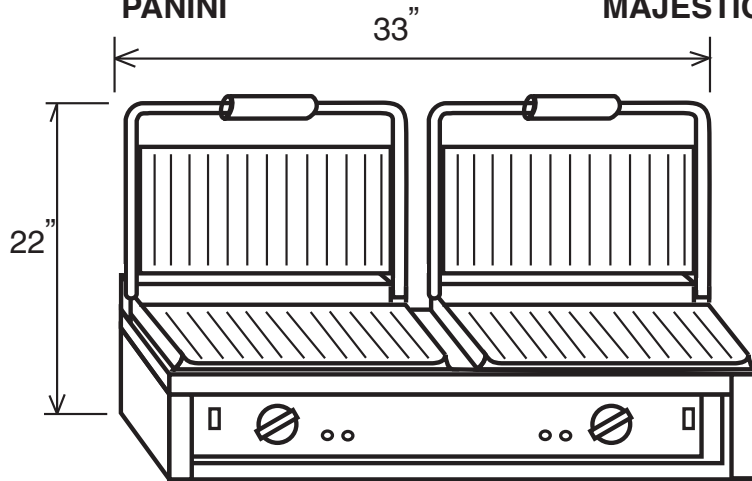
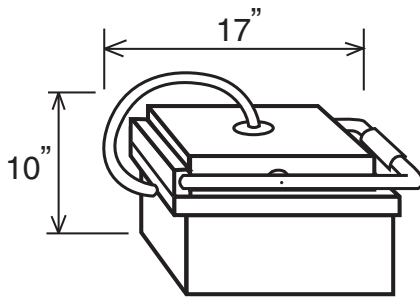
SAVOY



PANINI



MAJESTIC



DIABLO

SPECIFICATIONS

INSTALLATION CLEARANCE: 2" EACH SIDE

MODEL	ELECTRICAL	DIMENSIONS	WORK SURFACE	SHIPPING WEIGHT	NEMA PLUG
DIABLO	208/240V, 1PH 6.5KW, 24/27 Amps	33"Wx17"Dx22"H	14"Wx9 1/2"D two (2)	155 lbs	6-50 P
MAJESTIC	208/240V, 1PH 4KW, 16/18 Amps	24"Wx17"Dx22"H	21"Wx9 1/2"D	90 lbs	L6-30 P
PANINI	120V, 1.75KW, 14 Amps 208/240V, 1PH, 3KW, 12/14 Amps	17"Wx17"Dx22"H	14"Wx9 1/2"D	60 lbs	5-15 P 6-15 P
SAVOY	120V, 1.75KW, 14 Amps	13"Wx17"Dx22"H	10"Wx9 1/2"D	45 lbs	5-15 P

WARRANTY: Limited one year parts and labor



765 WESTMINSTER STREET PROVIDENCE, RI 02903
 TEL: (401)273-3300 FAX: (401)273-3328 E-mail: sales@equipex.com
 www.equipex.com

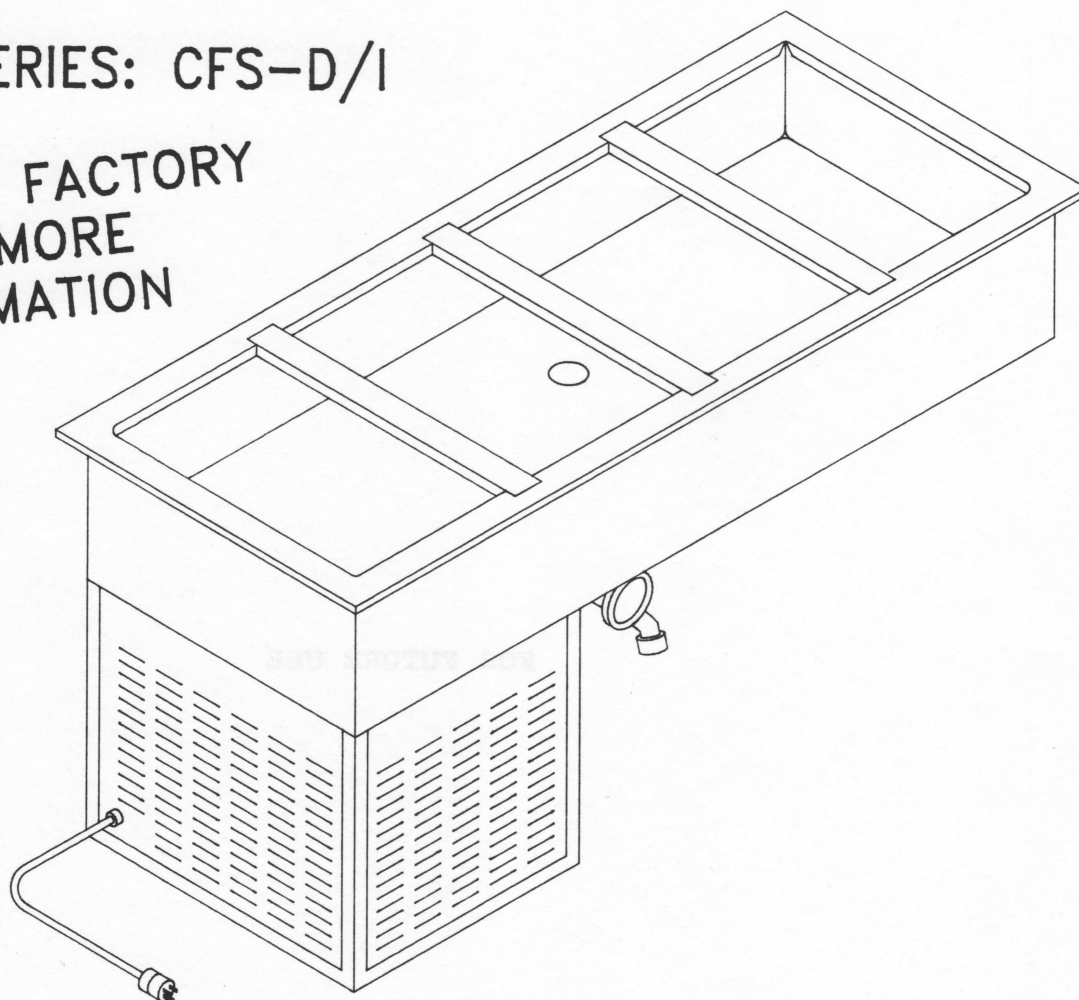
HATCH

REFRIGERATED COLD FOOD SERVER -DROP IN

- STAINLESS STEEL
- 1 TO 6 PAN CAPACITY
- INSULATED

MODEL SERIES: CFS-D/I

REFER TO FACTORY
FOR MORE
INFORMATION



SPECIFICATIONS:

- Stainless steel type 304, #4 finish on all exposed surfaces.
- Heli-arc and spotwelded construction.
- Self contained unit ready for drop-in installation.
- Sealed interior liner is isolated from cabinet exterior by a plastic breaker strip for condensation control.
- Single recessed cold pan is supplied with perforated bottom spacers.
- Drip pan with drain to spigot located under cold tank to catch condensation run-off.
- Drain in cold pan connected to drain spigot under unit.
- For standard 1220 full size pans with adapters for optional fractional size pans.
- Fan cooled hermetically sealed condensing unit.
- Evaporator tubing is refrigerant grade solid walled copper.
- Unit is complete with evaporator tubing, compressor and controls.
- Plug-in operation with approved power cord and grounded end cap. (NEMA 5-15)

**HATCH
INDUSTRIES
LIMITED**

MANUFACTURED IN CANADA
P.O. BOX 1713, GUELPH, ONTARIO, CANADA. N1H 6Z9
1-800-387-6969 FAX: 1-519-822-8365
(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)
SP-CFSDI-01 (R1)

Combination Prep/Refrigerated Self-Service Case (w/Rear Storage) - "G-Series"

<input type="checkbox"/> GP441RR	51"L x 51 3/4"D x 43"H
<input type="checkbox"/> GP641RR	75 3/8"L x 51 3/4"D x 43"H
<input type="checkbox"/> GP841RR	99 3/4"L x 51 3/4"D x 43"H



MODEL SHOWN: GP441RR

NOTE: INTERIOR PANS NOT PROVIDED W/CASE GP441RR HOLDS (2) FULL SIZE 4"D PANS
 GP641RR = (3) PANS - GP841RR = (4) PANS

STANDARD FEATURES

- ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle
- Exterior-Stainless steel rear exterior
- Temp-Integrated average product temperature of 40°F
- Shelves-Shelving removable and adjustable on 1" centers
- Light-T-8 top light(s)
- Warranty-One year parts & labor; 1-5 year compressor warranty
- Compressor air-Compressor air intake from rear and out front panel at toe kick. Front panel cannot be blocked.
- Pans-Condiment pan support rails

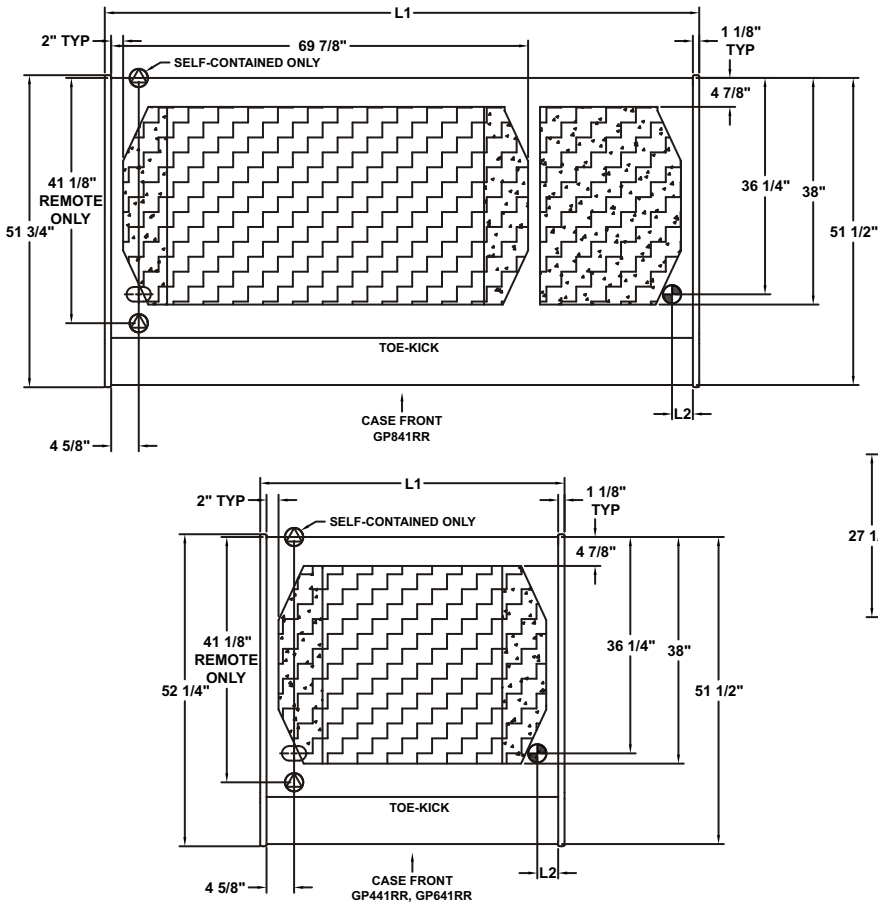
	STANDARD SPECIFICATION	OPTION(s)
ELECTRICAL CONNECT	<input type="checkbox"/> 6 ft straight blade power cord (self cont.)	<input type="checkbox"/> 6 ft locking power cord (self cont.) <input type="checkbox"/> Electrical leads (remote)
LOWER FRONT PANEL COLOR	<input type="checkbox"/> Black painted exterior	<input type="checkbox"/> Stainless steel exterior
MISCELLANEOUS	<input type="checkbox"/> None	<input type="checkbox"/> Clean Sweep® coil cleaner (n/a w/remote)
SNEEZE GUARD POSTS	<input type="checkbox"/> Black	<input type="checkbox"/> Silver
INTERIOR COLOR	<input type="checkbox"/> Black interior	<input type="checkbox"/> Stainless Steel interior <input type="checkbox"/> White interior
EXTERIOR COLOR	<input type="checkbox"/> Laminated (non-premium) Confirm pattern/grain direction	<input type="checkbox"/> Stainless steel exterior <input type="checkbox"/> Laminated (premium) Confirm pattern/grain direction
COVER/CURTAIN	<input type="checkbox"/> None	<input type="checkbox"/> Night curtain, retractable, non-locking <input type="checkbox"/> Wire security cover, removable, locking
REFRIGERATION	<input type="checkbox"/> Breeze™ w/ EnergyWise s/c refrigeration system <input type="checkbox"/> Remote (nom 8ft L only)	<input type="checkbox"/> Note: Remote available with rail base w/shims only <input type="checkbox"/> Remote w/thermostat, solenoid & TXV <input type="checkbox"/> Note: Remote doesn't incl Conds unit. Floor drain reqd.
BASE SUPPORT	<input type="checkbox"/> Casters w/ levelers (n/a with remote ref.)	<input type="checkbox"/> 6"H legs (n/a with remote)
END PANEL LEFT	<input type="checkbox"/> Full end panel w/mirror interior (No mirror w/ss ext)	
END PANEL RIGHT	<input type="checkbox"/> Full end panel w/mirror interior (No mirror w/ss ext)	
REAR WORK LEDGE	<input type="checkbox"/> Rear ledge, white Sanalite®	<input type="checkbox"/> Rear wrapping board, stainless steel
REAR STORAGE	<input type="checkbox"/> Non-refrigerated rear storage (w/o doors)	<input type="checkbox"/> Non-refrigerated rear storage (w/doors) <input type="checkbox"/> Refrigerated rear storage (w/doors)
SHELVING	<input type="checkbox"/> Metal shelves, non-lighted	<input type="checkbox"/> Refrigerated (w/insulated white doors & one shelf) <input type="checkbox"/> Non-refrigerated (w/white doors & one shelf) <input type="checkbox"/> Additional metal shelf, non-lighted
SNEEZE GUARD	<input type="checkbox"/> Glass w/top serving shelf	<input type="checkbox"/> No sneeze guard (to be supplied by others)

FUSION

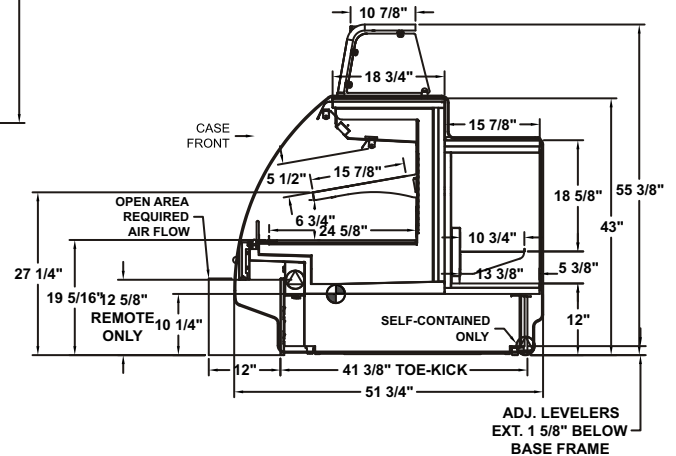
PRODUCT SPECIFICATIONS

Intended Use of Display Area: Packaged/unpackaged refrigerated products
 Integrated Product Temperature (IPT): 40°F
 Intended Environment: Designed to operate in ambient conditions of 75°F / 55% relative humidity.

PLAN VIEW



SIDE VIEW



NOTE: ALL DIMENSIONS APPROXIMATE

- ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
- REFRIGERATION LINE CONNECTION.
- SELF-CONTAINED CASE SERVICE ACCESS AREA.
- REMOTE CASE SERVICE ACCESS AREA.
- LOCATION OF CONDENSATE DRAIN TUBE (SUPPLIED WITH 3/4" OR 1 1/2" PVC DRAIN TUBE).
- DRY CASE SERVICE ACCESS AREA.

Model	Self-Contained Refrigeration/Dry					Remote Refrigeration w/Leads			Ship Wt	Frt Cls
	L1*	L2*	Volts++	Amps	NEMA Plug	Volts++	Amps***	BTUH		
GP441RR	51	3 1/2	220/1/60**	12.371	NEMA 14-20P	120/1/60	3.21	5250	980	110
GP641RR	75 3/8	3 1/2	220/1/60**	14.846	NEMA 14-20P	120/1/60	5.42	6350	1350	110
GP841RR	99 3/4	3 1/2	220/1/60**	17.432	NEMA 14-20P	120/1/60	5.66	8900	1900	110

++ Operating range for 120 volt rating is 110-120 volts; operating range for 220 volt rating is 208-230 volts.
 ** Requires 3 wires + ground
 *** Does not include electric defrost on freezer models

REGULATORY APPROVALS

- ETL Listed Certified to CAN/CSA 22.2
- ETL Listed Conforms to UL 471
- ETL Sanitation Conforms to NSF 7

Important Note:

- 1) 52" minimum door entry clearance required (without shipping skid).
- 2) Units are supplied with levelers. They must be adjusted during installation to ensure the unit is level and plumb. Dimensions reflect levelers extended 1 1/4".

SS-8T, SS-10T BUILT-IN ROUND FOOD WARMERS

SS-8T, SS-10T BUILT-IN ROUND FOOD WARMERS



Wells SS-8T and SS-10T Built-In Round Food Warmers have stainless steel, deep-drawn warming pans and are suitable for either wet or dry operation. These warmers are designed for installation into a metal counter only and can adapt to a variety of sizes to fit your needs.

Features

- **The tubular element**, located under the warming pan, allows for quick and efficient heating.
- **Positive-off thermostat** controls the element, allowing for adjustable and more consistent temperatures.
- Control is provided with an **oval panel with protective guard ring** to prevent accidental temperature changes.
- Models are available with an **optional 1/2" drain (D)**.
- Warmers are designed for either **wet or dry operation**.
- **Wellslok** allows for quick and easy installation in stainless steel countertops.
- **The SS-8T and SS-10T Warmers** are Underwriters Laboratories, Inc. RECOGNIZED and meet NSF International and Canadian standards.
- **A one-year warranty** against defects covers parts and labor.

Specifications

Overall Dimensions:	Inches	MM
Diameter		
SS-8T series	10 1/16	256
SS-10T series	12	305
Height		
SS-8T series	8 3/8	213
SS-10T series	8 3/8	213
Temperature Settings:	OFF/LO to HI	
Weights:		
	Lbs.	KG
SS-8T series		
Installed	5	2
Shipping	6	3
SS-10T series		
Installed	6	3
Shipping	7	3

Accessories / Options

Adapter Top, to convert SS-8T to hold one 4-quart inset, 20177

Adapter Top, to convert SS-10T to hold one 4-quart inset, 20822

Adapter Top, to convert SS-10T to hold one 7-quart inset, 20175

Inset, 4-quart capacity with lid, 20774

Inset, 7-quart capacity with lid, 20587

Inset, 11-quart capacity with hinged lid, 21057

Optional Drain (D) is available

Drain Valve Extension Kit, extension from drain to counter front with remote handle, (D) models only, 20385

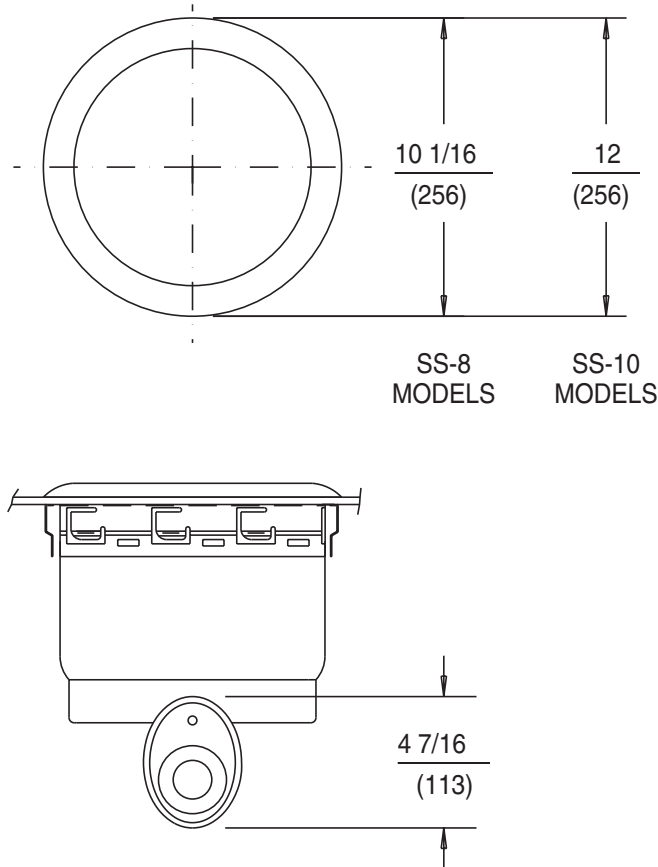




**MODELS
SS-8T, SS-10T
BUILT-IN ROUND
FOOD WARMERS**

DIMENSIONS:

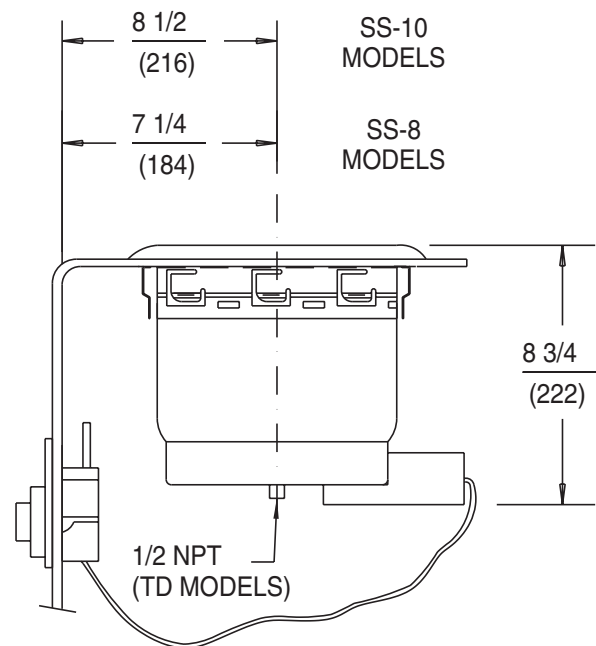
INCH
(MM)



SUGGESTED CLEARANCE FROM UNIT TO THE NEAREST SURFACE			
BACK	SIDE	BOTTOM	FRONT*
$\frac{1}{1}$ (25)	$\frac{1}{1}$ (25)	$\frac{8\ 1/2}{1}$ (216)	$\frac{4}{1}$ (102)

* When control box is located below the unit, front clearance can be 2 inches.

NOTE: Depending on the installation, clearances can be reduced upon further evaluations to UL standards.



SS-8T, SS-10T ELECTRICAL SPECIFICATIONS:

MODELS	VOLTS	WATTS	AMPS	PHASE	POWER SUPPLY CORD
SS-8, 10T	120	825	6.9	SINGLE	NONE
SS-8, 10T	208	620	3.0	SINGLE	NONE
SS-8, 10T	240	825	3.4	SINGLE	NONE

All models with a 'D' suffix have the same electrical specifications as the standard units.

NOTE: Specifications are subject to change without notice. See installation instructions prior to installing the unit. This document is not for installation purposes. The installation of recognized component units requires additional evaluations to Underwriters Laboratories, Inc. standards.

THIS UNIT IS DESIGNED TO BE INSTALLED IN METAL COUNTERS ONLY.





POP-UP TOASTERS

Models TPT-120, -208, -240,

The Hatco Pop-Up Toasters are economical, fast, dependable and versatile. These toasters provide even golden toasting of a variety of bread products.

FLEXIBILITY

Perfect for self-serve buffet areas and lighter volume restaurants, diners, and cafes, the Hatco Pop-Up Toasters also make a great addition to your conveyor toaster for those non-peak periods when an occasional order of toast is needed.

All models have four self-centering 1.25" (32 mm) extra wide slots.

QUALITY

The following features assure the finest performance for years to come:

- Evenly toasts a variety of bread products including bagels, Texas toast, waffles, and English muffins.
- Durable stainless steel construction.
- Individual progressive color controls.
- Removable crumb trays for easy cleaning.
- 6' (1829 mm) cord with plug.
- A bagel selector switch for single (or double) sided toasting (excluding TPT-120).



Model TPT-208



Model TPT-120



Model TPT-208 or TPT-240



HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A.
 (800) 558-0607 • (414) 671-6350 • Fax (800) 543-7521 • Int'l Fax (414) 671-3976
www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

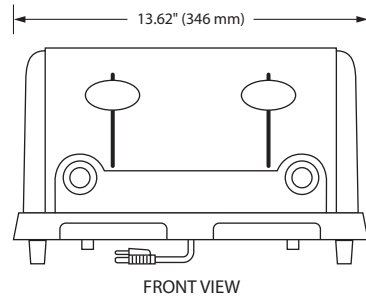
Form No. TPT Spec Sheet

Printed in U.S.A.
 September 2012

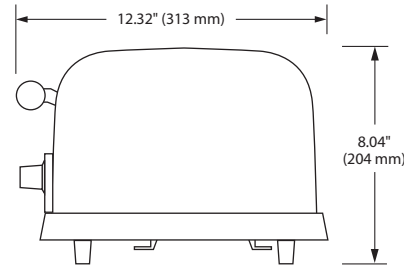


POP-UP TOASTERS

Models TPT-120, -208, -240



FRONT VIEW



SIDE VIEW

SPECIFICATIONS

Model	kW	Type	Shipping Weight
TPT-120	1.8	All	15 lbs. (7 kg)
TPT-120*	1.44	All	15 lbs. (7 kg)
TPT-208	2.6	All	15 lbs. (7 kg)
TPT-240	2.6	All	15 lbs. (7 kg)

* For Canada only.

DIMENSIONS

13.62"W x 12.32"D x 8.04"H (346 x 313 x 204 mm).

Slot Opening 1.25"W x 5.5"D (32 x 140 mm).

VOLTAGE

TPT-120: 120 volts, 60 Hz, 1800 watts, 15.0 amps (uses NEMA 5-15P).

TPT-120*: 120 volts, 60 Hz, 1440 watts, 12.0 amps
(uses NEMA 5-15P)

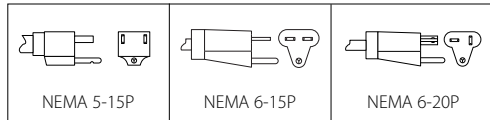
TPT-208: 208 volts, 50/60 Hz, 2600 watts, 12.5 amps
(uses NEMA 6-15P, NEMA 6-20P for Canada).

TPT-240: 240 volts, 50/60 Hz, 2600 watts, 10.9 amps
(uses NEMA 6-15P).

CORD LOCATION

Bottom, back center.

PLUG CONFIGURATIONS



PRODUCT SPECS

Pop-Up Toaster

The Pop-Up Toaster shall be Model ... rated at ... volts, and ... watts, single phase, by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The Toaster shall consist of a rugged stainless steel body with 4 slot

openings, removable crumb trays, resistance wire elements, and a 6' (1829 mm) cord with plug attached.

One year replacement warranty, contact Hatco Service Team for details, 24/7 parts and service assistance (U.S. and Canada only).

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. • (800) 558-0607 • (414) 671-6350
Fax (800) 543-7521 • Int'l. Fax (414) 671-3976 • www.hatcocorp.com • E-mail: equipsales@hatcocorp.com



GLO-RAY® DESIGNER MERCHANDISING WARMERS

Models GR2SDH-24, -30, -36, -42, -48, -54, -60
GR2SDS-24, -30, -36, -42, -48, -54, -60

ITEM#

120

GR2SDH-24D, -30D, -36D, -42D, -48D, -54D, -60D
GR2SDS-24D, -30D, -36D, -42D, -48D, -54D, -60D

Designed to hold hot wrapped food at optimum serving temperatures without affecting quality, the Hatco Glo-Ray® Designer Merchandising Warmers are the perfect displays to showcase hot fast foods and boost impulse sales.

Combining state-of-the-art design with performance, these warmers place the focus on the product while holding hot food safely at proper serving temperatures. The modern design is perfect for front of the house use. Designer powdercoated inset panels blend these units with the décor while providing a durable, easy-to-clean surface.

Glo-Ray Designer Merchandising Warmers have prefocused infrared top heat and a thermostatically-controlled, hardcoated heated base to extend the holding times of most food. All models are made of aluminum with tempered glass end panels. Shatter-resistant incandescent lights illuminate the food holding area.

FLEXIBILITY

This warmer offers the convenience of self-serve and the efficiency of kitchen-to-server holding.

Available with slant or horizontal shelves, the Glo-Ray Designer Merchandising Warmers are offered in both single and dual shelf models. The Designer series warmers come standard with black inset panels and black end caps. Choose from six other color options to blend the warmer with any décor. Non-standard colors are non-returnable.

QUALITY

The following features assure the finest performance for years to come:

- All models have prefocused infrared top heat directing heat to the outer edges of the holding surface where heat loss is the greatest.
- These warmers feature a thermostatically-controlled, hardcoated heated base, Designer color inset panels, 4" (102 mm) Designer legs, and a cord and plug set.
- Available in heated surface widths from 23.88" to 59.88" (606 to 1521 mm) with overall widths of 30.25" to 66.25" (768 to 1683 mm).
- Shatter-resistant incandescent lights enhance product display while safeguarding food products from bulb breakage.
- An optional Indicating Temperature Control enhances accurate control of temperature.



Model GR2SDH-30 with Designer color inset panels



Model GR2SDS-30D with Designer color inset panels



Equipment
On Signage Program
Hatcographics.com

Divider Rods

Model Width	Divider Rods Provided	Average Chute Width
30.25" (768 mm)	5 Rods per Shelf	3.73" (95 mm)
36.25" (921 mm)	6 Rods per Shelf	4.02" (102 mm)
42.25" (1073 mm)	7 Rods per Shelf	4.23" (107 mm)
48.25" (1226 mm)	8 Rods per Shelf	4.40" (111 mm)
54.25" (1378 mm)	9 Rods per Shelf	4.54" (115 mm)
60.25" (1530 mm)	10 Rods per Shelf	4.65" (118 mm)
66.25" (1683 mm)	12 Rods per Shelf	4.36" (110 mm)



ONE YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY METAL SHEATHED HEATING ELEMENTS.

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A.
(800) 558-0607 • (414) 671-6350 • Fax (800) 543-7521 • Int'l. Fax (414) 671-3976
www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

Form No. GR2SD Spec Sheet

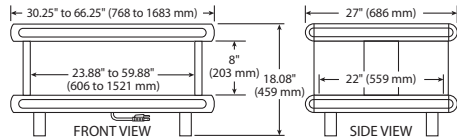
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October 2012



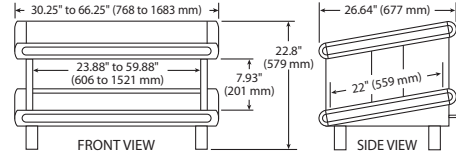
GLO-RAY® DESIGNER MERCHANDISING WARMERS

Models GR2SDH-24, -30, -36, -42, -48, -54, -60
GR2SDS-24, -30, -36, -42, -48, -54, -60

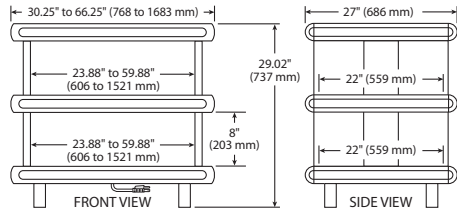
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GR2SDS-24D, -30D, -36D, -42D, -48D, -54D, -60D



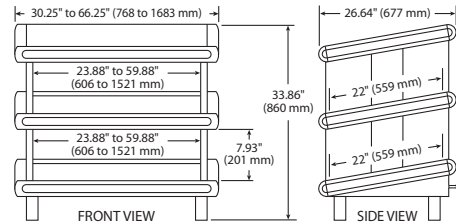
GR2SDH
Models



GR2SDS
Models



GR2SDH-D
Models



GR2SDS-D
Models

SPECIFICATIONS

Horizontal Models

	Model*	Watts	Amps	Width	Shipping Weight
Single Shelf	GR2SDH-24	820	6.6	30.25" (768 mm)	87 lbs. (40 kg)
	GR2SDH-30	1020	8.5	36.25" (921 mm)	120 lbs. (55 kg)
	GR2SDH-36	1220	10.2	42.25" (1073 mm)	129 lbs. (59 kg)
	GR2SDH-42	1490	12.4	8.25" (1226 mm)	138 lbs. (63 kg)
	GR2SDH-48	1690	14.1	54.25" (1378 mm)	160 lbs. (73 kg)
	GR2SDH-54	1890	15.8	60.25" (1530 mm)	172 lbs. (78 kg)
Dual Shelf	GR2SDH-60	2210	18.4	66.25" (1683 mm)	187 lbs. (85 kg)
	GR2SDH-24D	1640	13.7	30.25" (768 mm)	150 lbs. (68 kg)
	GR2SDH-30D	2040	8.5	36.25" (921 mm)	178 lbs. (81 kg)
	GR2SDH-36D	2440	10.2	42.25" (1073 mm)	198 lbs. (90 kg)
	GR2SDH-42D	2980	12.4	48.25" (1226 mm)	218 lbs. (99 kg)
	GR2SDH-48D	3380	14.1	54.25" (1378 mm)	238 lbs. (108 kg)
	GR2SDH-54D	3780	15.8	60.25" (1530 mm)	258 lbs. (117 kg)
	GR2SDH-60D	4420	18.4	66.25" (1683 mm)	280 lbs. (127 kg)

Slant Models

	Model*	Watts	Amps	Width	Shipping Weight
Single Shelf	GR2SDS-24	820	6.6	30.25" (768 mm)	104 lbs. (47 kg)
	GR2SDS-30	1020	8.5	36.25" (921 mm)	116 lbs. (53 kg)
	GR2SDS-36	1220	10.2	42.25" (1073 mm)	136 lbs. (62 kg)
	GR2SDS-42	1490	12.4	48.25" (1226 mm)	155 lbs. (70 kg)
	GR2SDS-48	1690	14.1	54.25" (1378 mm)	164 lbs. (74 kg)
	GR2SDS-54	1890	15.8	60.25" (1530 mm)	182 lbs. (83 kg)
Dual Shelf	GR2SDS-60	2210	18.4	66.25" (1683 mm)	202 lbs. (92 kg)
	GR2SDS-24D	1640	13.7	30.25" (768 mm)	162 lbs. (74 kg)
	GR2SDS-30D	2040	8.5	36.25" (921 mm)	174 lbs. (79 kg)
	GR2SDS-36D	2440	10.2	42.25" (1073 mm)	190 lbs. (86 kg)
	GR2SDS-42D	2980	12.4	48.25" (1226 mm)	218 lbs. (99 kg)
	GR2SDS-48D	3380	14.1	54.25" (1378 mm)	240 lbs. (109 kg)
	GR2SDS-54D	3780	15.8	60.25" (1530 mm)	260 lbs. (118 kg)
	GR2SDS-60D	4420	18.4	66.25" (1683 mm)	296 lbs. (135 kg)

* NSF requires units over 36" (914 mm) in width or weighing more than 80 lbs. (36 kg) to be either sealed, or raised on the installation surface with the 4" (102 mm) legs included.

OPTIONS (NOT FOR RETROFIT)

- Unit and Inset Panel *Designer Colors*: Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper, non-standard colors are non-returnable on unit
- Dark Gray Corner Caps (Black is standard)
- 5" (127 mm) Sneeze Guard (Customer side only on slant models)
- Plexi-Glass Flip-up Doors
- Front Glass in lieu of channel dividers and divider rods

PRODUCT SPECS

Designer Merchandising Warmer

The *Designer Merchandising Warmer* shall be a Glo-Ray® Model ... as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The warmer shall be rated at ... watts, ... volts, and be ... inches (millimeters) in overall width. It shall consist of a thermostatically-controlled heated base, infrared heat from above, full-view tempered glass sides, *Designer* color inset panels, and incandescent display lights.

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. • (800) 558-0607 • (414) 671-6350
Fax (800) 543-7521 • Int'l. Fax (414) 671-3976 • www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

DIMENSIONS

Horizontal Models (GR2SDH) –

Single: 30.25" - 66.25"W x 27"D* x 18.08"H (768-1683 x 686 x 459 mm).
Dual: 30.25" - 66.25"W x 27"D* x 29.02"H (768-1683 x 686 x 737 mm).

Slant Models (GR2SDS) –

Single: 30.25" - 66.25"W x 26.64"D* x 22.8"H (768-1683 x 677 x 579 mm).
Dual: 30.25" - 66.25"W x 26.64"D* x 33.86"H (768-1683 x 677 x 860 mm).

Heated Surface: 23.88" - 59.88"W x 22"D (606-1521 x 559 mm).

* Optional ITC: adds 1.83" (47 mm) to model depth.

VOLTAGE

GR2SDH-24 to -48 & GR2SDS-24 to -48: 120 volts, single phase (uses NEMA 5-15P, models GR2SDH-42 to -48 & GR2SDS-42 to -48 uses NEMA 5-20P for Canada).

GR2SDH-54 & GR2SDS-54: 120 volts, single phase (uses NEMA 5-20P).

GR2SDH-60 & GR2SDS-60: 120 volts, single phase (uses NEMA 5-30P).

GR2SDH-24D & GR2SDS-24D: 120 volts, single phase (uses NEMA 5-15P, uses NEMA 5-20P for Canada).

GR2SDH-30D to -54D & GR2SDS-30D to -54D: 120/208 volts, or 120/240 volts, single phase, 4-wire (uses NEMA L14-20P).

GR2SDH-60D & GR2SDS-60D: 120/208 volts or 120/240 volts, single phase, 4-wire (uses NEMA L14-30P).

Export voltages available.

CORD LOCATION

Back center of base on control side.

PLUG CONFIGURATIONS

NEMA 5-15P	NEMA 5-20P	NEMA 5-30P	NEMA L14-20P
NEMA L14-30P	CEE 7/7 Schuko	BS-1363	

- Indicating Temperature Control (ITC)
- Halogen Bulbs in lieu of Standard Display Lights
- Customer Side Front Glass (in lieu of Sneeze Guards or Flip-up Doors) (Cannot have channel dividers or divider rods)

ACCESSORIES

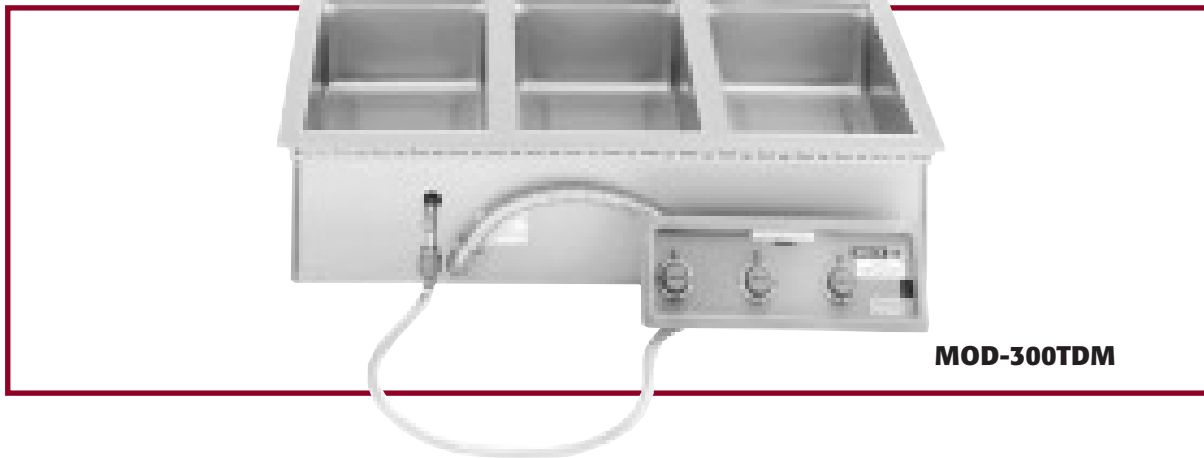
- Additional Stainless Steel Divider Rods
- Flip-up Control Cover
- Display Sign Holder (Signs not included)

The infrared heating element shall be tubular metal sheathed and the warmer shall have a 6' (1829 mm) cord with plug attached.

Accessories shall include additional stainless steel dividers rods, flip-up doors, display sign holder, and control covers.

One year on-site parts and labor warranty, plus one additional year parts-only warranty on all Glo-Ray metal sheathed heating elements, with 24/7 service (U.S. and Canada only)

MOD-100TD, 200TDM, 300TDM, 400TDM, 500TDM WARMERS WITH AUTO WATER FILL



MOD-300TDM

Specifications

Temperature Settings:	OFF/LO to HI	
Weights:	Lbs.	KG
MOD-100TD series:		
Installed	19	9
Shipping	21	10
MOD-200TDM series:		
Installed	41	19
Shipping	51	23
MOD-300TDM series:		
Installed	64	29
Shipping	78	35
MOD-400TDM series:		
Installed	81	37
Shipping	98	44
MOD-500TDM series:		
Installed	97	44
Shipping	118	54

Features

- All models have an **automatic water fill system** that maintains the proper water level in each pan through the use of a water sensor and solenoid valve.
- **Individual controls** for each well give the warmers maximum versatility.
- Thermostats are combined with **higher wattage elements** to provide quicker heat-up and faster recovery.
- **Fully insulated** for greater efficiency.
- **A one-inch diameter drain manifold** (DM models) is provided to allow for a single drain connection at the left or right front corner. MOD-100TD has a one-half inch drain.
- **Each well is one-piece, deep-drawn, stainless steel** for maximum strength and durability.
- Warmers are designed for **wet operation only**.
- **Wellslok** allows for quick and easy installation in stainless steel countertops.
- The MOD Series Warmers are **Underwriters Laboratories, Inc. LISTED** and meet NSF International and Canadian standards.
- **A one-year warranty** against defects covers parts and labor.

Accessories / Options

Wellslok Extension Kit, designed for installation in countertops up to 1-1/2" thick, refer to installation instructions, 22593

Drain Valve Extension Kit, extension from drain to counter front with remote handle, for use with MOD-100TD only, 20385

Drain Screen, 21709

Optional 72" Wiring, thermostatically controlled warmers, priced per well, contact factory

Explanation of Built-In Warmer Suffixes:

TD.....thermostatically controlled/with drain
TDMthermostatically controlled/with drain/
 connected to drain manifold

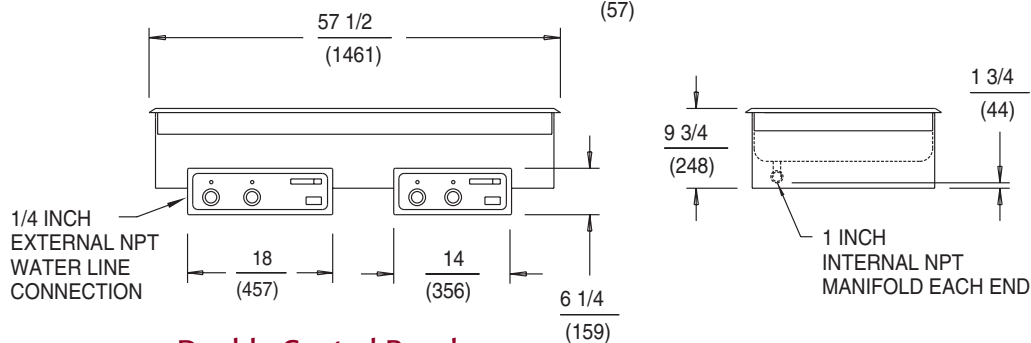
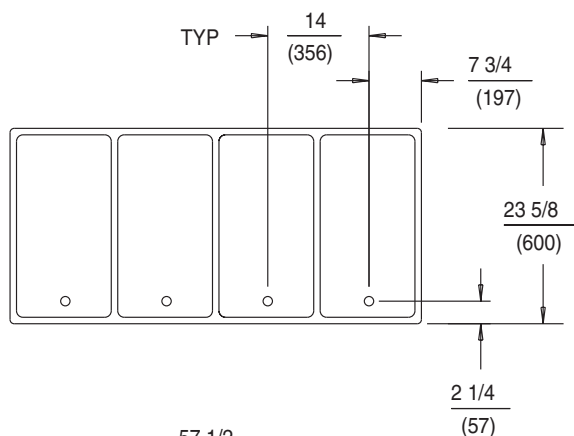
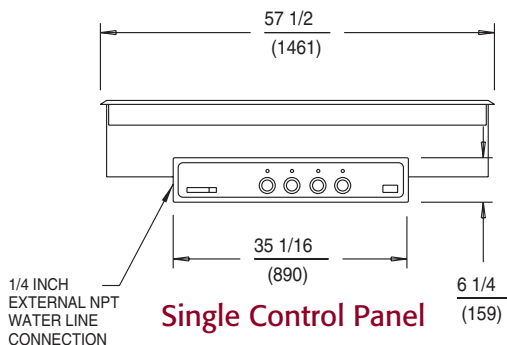




**MODEL
MOD-400TDM
WARMER WITH AUTO WATER FILL**

DIMENSIONS: INCH
 (MM)

MINIMUM CLEARANCE REQUIRED FROM UNIT TO THE NEAREST SURFACE			
BACK	SIDE	BOTTOM	FRONT
$\frac{1}{1}$	$\frac{1}{1}$	$\frac{6 \frac{3}{4}}{1}$	$\frac{6}{1}$
(25)	(25)	(171)	(152)



MOD-400TDM ELECTRICAL SPECIFICATIONS:

MODELS	VOLTS	WATTS	AMPS PER LINE 3 PHASE			AMPS SINGLE PHASE	POWER SUPPLY CORD
			L1	L2	L3		
MOD-400TDM/AF	208	4960	14.5	14.5	9.8	23.8	NONE
MOD-400TDM/AF	240	6600	17.8	17.8	11.3	27.5	NONE

NOTE: Specifications are subject to change without notice. See installation instructions prior to installing the unit. This document is not for installation purposes.



4427N Salad Top

Front-Breathing Self-Contained Salad Top Refrigerated Bases

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

4427N Salad Top: Front-Breathing Self-Contained Salad Top Refrigerated Bases

Models

- 4427N-6 Single section with doors, six pan capacity
- D4427N-6 Single section with drawers, six pan capacity
- 4427N-8 Single section with doors, eight pan capacity



4427N-6

Standard Features

- Patented air screen ensures product stays cold without drying it out
- All 4400 Series units are 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Delfield supplies 1/6 size pans and positive placement adapter bars for top opening
- Dual level pan brackets allow the pans to be lowered an additional inch in the unit without tools to provide additional pan temperature holding performance. Not available for model 4427N-8
- Salad top refrigerators are standard with 10" wide, dishwasher safe polyethylene cutting board treated with antimicrobial agent
- "D" prefix models feature Delfield's new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP

- (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
 - Standard on 5" casters for easy cleaning and installation
 - 6' cord and plug supplied
 - One epoxy coated wire shelf standard, installed per door section
 - ACT solid state electronic control
 - Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- Flat lift off cover
- 18" wide single tier overself
- Stainless steel finish on back
- Plastic laminate on front
- Additional wire shelves
- 3" casters, 3.75" ride height
- Door lock
- Exterior thermometer
- 220V/50 Hertz electrical system*

* Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front. Top of drawer unit has one opening to accept six 1/6-size 4" (10cm) deep pans. Top of door unit has one opening to accept six or eight 1/6-size 4" or 6" (10cm or 15cm) deep pans. Adapter bars and 1/6 size pans are supplied by Delfield. Lid is constructed of 20-gauge stainless steel. Temperature in top opening to maintain 33°F (1°C) to 41°F (5°C), with pans recessed 2.5" (6.4cm) at 86°F ambient room temperature, meeting NSF 7 requirements. One 27" x 10" x .5" (68.6cm x 25.4cm x 1.3cm) polyethylene cutting board treated with antimicrobial agent is mounted on the top at the front edge.

Dual level pan brackets allow the pans to be lowered an additional inch in the unit without tools to provide additional pan temperature holding performance. Not available for model 4427N-8.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides are thermoformed ABS plastic with integral shelf supports. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor

is 1/5 H.P., with condenser coil and hot gas condensate evaporator mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

ACT control: ACT electronic, solid state control, mounted on the exterior rear of the cabinet, allows unit to maintain precise temperatures in heavy duty conditions.

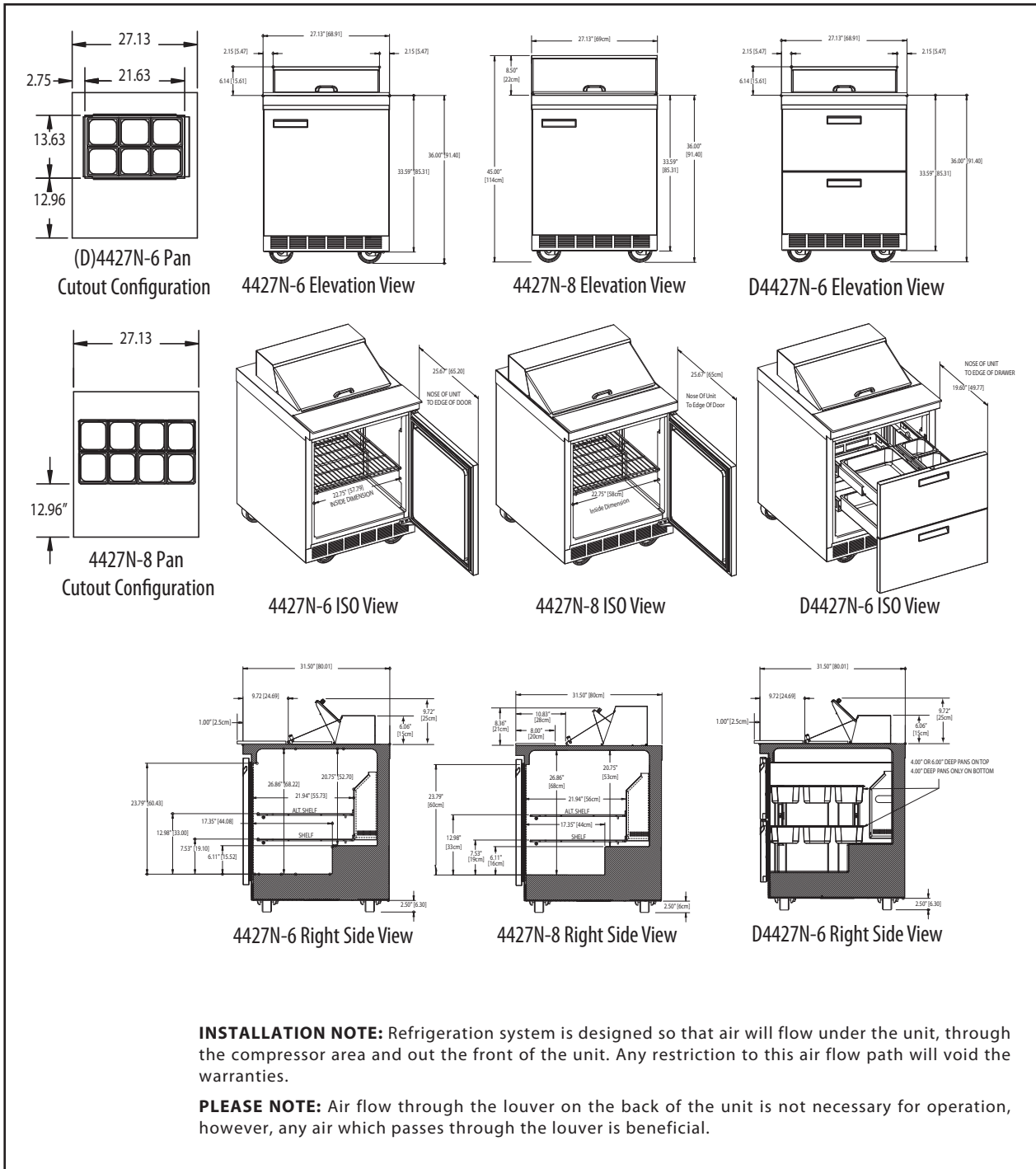
Electrical connection is 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Casters: Equipment is mounted on 5" (13cm) diameter plate casters with front two locking. Equipment clearance above the floor is 2.5" (6cm).

Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet has one adjustable epoxy-coated wire shelf.

Drawers have 24-gauge stainless steel exterior with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Top drawer holds one full size 12" x 20", 4"-6" (30.5cm x 50.8cm x 10.2cm) deep pan, and three 1/6 size pans. Bottom drawer holds one full size 12 x 20" and three 1/6 size 4" deep pans. Pans are supplied by others.





Specifications									
Model	1/6 Size Pan Capacity	# Of Shelves	Shelf Area sq.ft.	Volume cu.ft	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight
4427N-6	6	1	3.17	8.20	1/5	115/60/1	7.2	5-15P	223lbs/101kg
D4427N-6	6	NA	NA	8.20	1/5	115/60/1	7.2	5-15P	245lbs/111kg
4427N-8	8	1	3.17	8.20	1/5	115/60/1	7.2	5-15P	240lbs/109kg

Delfield reserves the right to make changes to the design or specifications without prior notice.

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model Series: TRC-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Back up storage
- Modular buffet systems

CAPACITY:

- Trays: App 100 – 150 trays
- Racks: 5 to 6 racks per stack
- Baskets: 5 to 6 baskets per stack
- Above capacities doubled for double units

DISPENSES:

- Trays
- Chinaware in racks
- Chinaware in baskets

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- All seams fully welded & polished
- Channel reinforced extended base for rigidity and stability
- Dispensing system in a steel upright uni-frame enclosure
- Cantilever dispensing system
- Dispensers are equipped with non-rusting springs that are heat treated for strength & durability
- With easy off back panel for spring removal
- Wrap-around bumper
- Push handle on rear as standard
- 4 > 5” swivel, non-marking casters with 4 side brakes

OPTIONAL FEATURES [1]:

- NP - Stainless steel nameplate
- PP - Push posts on top of unit
(Handle is removed when adding push posts)
- Sealed casters for cart wash
- STD-F - Flat style overshelf
- 8CD - Cylinder style overshelf
- OS4 - 4 pan overshelf
- TG - Stainless steel tray guides
- Remove (*) from model code for non-NSF models



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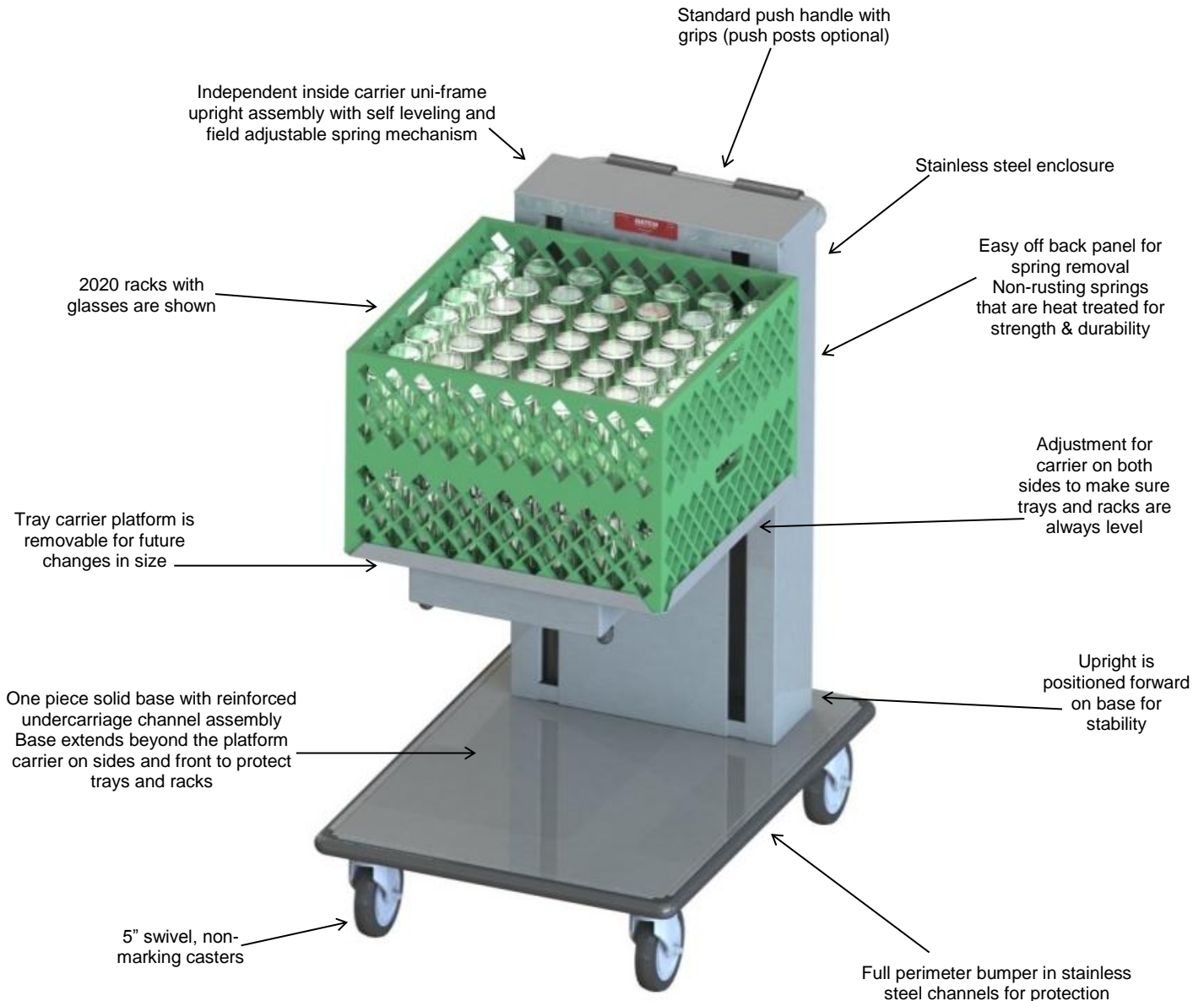
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TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model #: TRC-M-*



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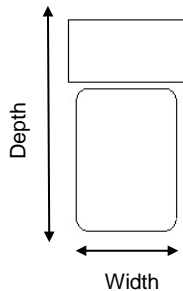


TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- PROJECTED

Model #: TRC-M-P*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-P*	10" x 14" 254mm x 356mm	17" - 432mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1020-P*	10" x 20" 254mm x 508mm	17" - 432mm	31.5" - 800mm	115lb - 52.3kg
TRC-M-1216-P*	12" x 16" 305mm x 406mm	17" - 432mm	27.5" - 699mm	115lb - 52.3kg
TRC-M-1219-P*	12" x 19" 305mm x 483mm	17" - 432mm	30.5" - 775mm	115lb - 52.3kg
TRC-M-1321-P*	13" x 21" 330mm x 533mm	19" - 483mm	32.5" - 826mm	115lb - 52.3kg
TRC-M-1418-P*	14" x 18" 356mm x 457mm	19" - 483mm	29.5" - 749mm	115lb - 52.3kg
TRC-M-1520-P*	15" x 20" 381mm - 508mm	19" - 483mm	31.5" - 800mm	118lb - 53.4kg
TRC-M-1620-P*	16" x 20" 407mm x 508mm	19" - 483mm	31.5" - 800mm	128lb - 58.2kg
TRC-M-1622-P*	16" x 22" 407mm x 559mm	19" - 483mm	33.5" - 851mm	128lb - 58.2kg
TRC-M-1826-P*	18" x 26" 457mm x 660mm	21" - 533mm	37.5" 953mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by ½" (13mm).

Overall height of all listed units is 37½" (953mm).

Changes available to suit customer's requirements.



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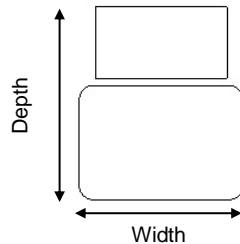
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TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- SIDEMOUNT

Model #: TRC-M-S*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-S*	10" x 14" 254mm x 356mm	19" - 483mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1020-S*	10" x 20" 254mm x 508mm	23" 584mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1216-S*	12" x 16" 305mm x 406mm	19" - 483mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1219-S*	12" x 19" 305mm x 483mm	22" - 559mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1321-S*	13" x 21" 330mm x 533mm	23.75" - 603mm	24.5" - 622mm	115lb - 52.3kg
TRC-M-1418-S*	14" x 18" 356mm x 457mm	21" - 533mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1520-S*	15" x 20" 381mm - 508mm	23" - 584mm	26.5" - 673mm	118lb - 53.4kg
TRC-M-1620-S*	16" x 20" 407mm x 508mm	23" - 584mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1622-S*	16" x 22" 407mm x 559mm	25.5" - 648mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1826-S*	18" x 26" 457mm x 660mm	29" - 737mm	29.5" - 749mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by ½" (13mm).

Overall height of all listed units is 37½" (953mm).

Changes available to suit customer's requirements.

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TRAY AND RACK DISPENSER

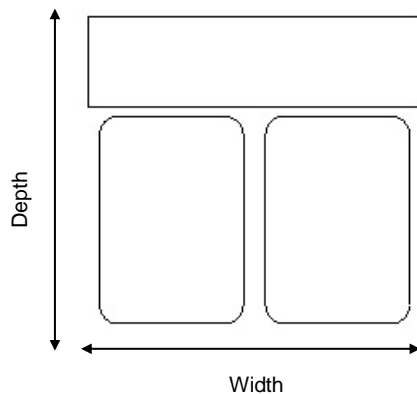
- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- DOUBLE UNIT
- PROJECTED

Model #: TRC-M-2*

SPECIFICATIONS:

-Refer to page one



Note: On double units each carrier mechanism moves independently of the other (e.g.: one can be up or empty and one can be down or full).

MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-2*	10" x 14" 254mm x 356mm	26.5" - 673mm	25.5" - 648mm	120lb - 54.5kg
TRC-M-1020-2*	10" x 20" 254mm x 508mm	26.5" - 673mm	31.5" - 800mm	130lb - 59.1kg
TRC-M-1321-2*	13" x 21" 330mm x 533mm	35.5" - 902mm	32.5" - 826mm	144lb - 65.5kg
TRC-M-1418-2*	14" x 18" 356mm x 457mm	35.5" - 902mm	29.5" - 749mm	155lb - 70.5kg
TRC-M-1520-2*	15" x 20" 381mm - 508mm	35.5" - 902mm	31.5" - 800mm	160lb - 72.7kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by 1/2" (13mm).

Overall height of all listed units is 37 1/2" (953mm).

Changes available to suit customer's requirements.

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TRAY AND RACK DISPENSER - OPTIONS

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT

Model #: TRC-M-STD-F*

SPECIFICATIONS:

- Flat style overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 45 ½” (1156mm)



Model #: TRC-M-8-CD*

SPECIFICATIONS:

- Cylinder style overshelf (cylinders not included)
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 54 ½” (1385mm)



Model #: TRC-M-OS-4*

SPECIFICATIONS:

- 4 pan overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Holds 4 ¼ size cutlery pans (pans not included)
- With NSF certified, hinged fold back cover
- Overall width of unit is 27 ½” (699mm)
- Overall height of unit is 53” (1346mm)



Model #: TRC-M-TG*

SPECIFICATIONS:

- Tray guides to assist in the positioning of non-stacking trays
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Dimensions of unit as per charts



Options available on double units – refer to factory.

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Custom Designs
Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model Series: TRC-M-*

APPLICATION:

- Cafeterias
- Serving lines
- Tray make-up systems
- Back up storage
- Modular buffet systems

CAPACITY:

- Trays: App 100 – 150 trays
- Racks: 5 to 6 racks per stack
- Baskets: 5 to 6 baskets per stack
- Above capacities doubled for double units

DISPENSES:

- Trays
- Chinaware in racks
- Chinaware in baskets

SPECIFICATIONS:

- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- All seams fully welded & polished
- Channel reinforced extended base for rigidity and stability
- Dispensing system in a steel upright uni-frame enclosure
- Cantilever dispensing system
- Dispensers are equipped with non-rusting springs that are heat treated for strength & durability
- With easy off back panel for spring removal
- Wrap-around bumper
- Push handle on rear as standard
- 4 > 5” swivel, non-marking casters with 4 side brakes

OPTIONAL FEATURES [1]:

- NP - Stainless steel nameplate
- PP - Push posts on top of unit
(Handle is removed when adding push posts)
- Sealed casters for cart wash
- STD-F - Flat style overshelf
- 8CD - Cylinder style overshelf
- OS4 - 4 pan overshelf
- TG - Stainless steel tray guides
- Remove (*) from model code for non-NSF models



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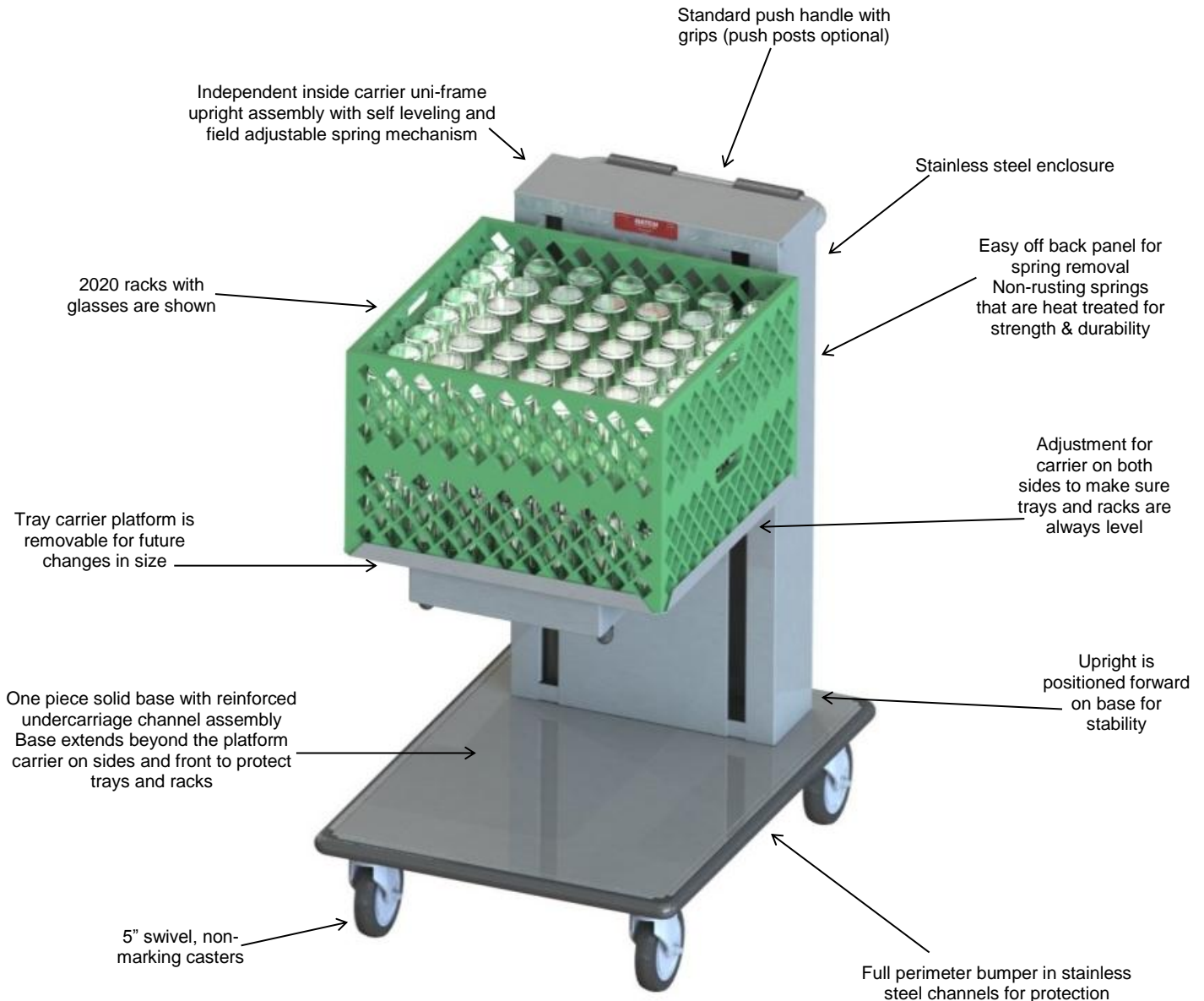
Custom Designs
Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE OR DOUBLE

Model #: TRC-M-*



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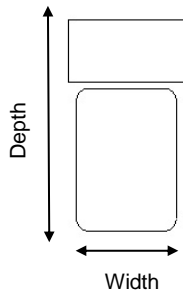
Custom Designs
Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- PROJECTED

Model #: TRC-M-P*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-P*	10" x 14" 254mm x 356mm	17" - 432mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1020-P*	10" x 20" 254mm x 508mm	17" - 432mm	31.5" - 800mm	115lb - 52.3kg
TRC-M-1216-P*	12" x 16" 305mm x 406mm	17" - 432mm	27.5" - 699mm	115lb - 52.3kg
TRC-M-1219-P*	12" x 19" 305mm x 483mm	17" - 432mm	30.5" - 775mm	115lb - 52.3kg
TRC-M-1321-P*	13" x 21" 330mm x 533mm	19" - 483mm	32.5" - 826mm	115lb - 52.3kg
TRC-M-1418-P*	14" x 18" 356mm x 457mm	19" - 483mm	29.5" - 749mm	115lb - 52.3kg
TRC-M-1520-P*	15" x 20" 381mm - 508mm	19" - 483mm	31.5" - 800mm	118lb - 53.4kg
TRC-M-1620-P*	16" x 20" 407mm x 508mm	19" - 483mm	31.5" - 800mm	128lb - 58.2kg
TRC-M-1622-P*	16" x 22" 407mm x 559mm	19" - 483mm	33.5" - 851mm	128lb - 58.2kg
TRC-M-1826-P*	18" x 26" 457mm x 660mm	21" - 533mm	37.5" 953mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by ½" (13mm).

Overall height of all listed units is 37½" (953mm).

Changes available to suit customer's requirements.

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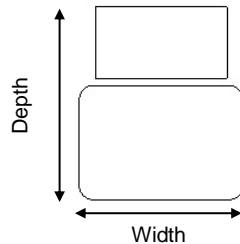
Custom Designs
Available

TRAY AND RACK DISPENSER

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT
- SIDEMOUNT

Model #: TRC-M-S*



MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-S*	10" x 14" 254mm x 356mm	19" - 483mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1020-S*	10" x 20" 254mm x 508mm	23" 584mm	21.5" - 546mm	115lb - 52.3kg
TRC-M-1216-S*	12" x 16" 305mm x 406mm	19" - 483mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1219-S*	12" x 19" 305mm x 483mm	22" - 559mm	23.5" - 597mm	115lb - 52.3kg
TRC-M-1321-S*	13" x 21" 330mm x 533mm	23.75" - 603mm	24.5" - 622mm	115lb - 52.3kg
TRC-M-1418-S*	14" x 18" 356mm x 457mm	21" - 533mm	25.5" - 648mm	115lb - 52.3kg
TRC-M-1520-S*	15" x 20" 381mm - 508mm	23" - 584mm	26.5" - 673mm	118lb - 53.4kg
TRC-M-1620-S*	16" x 20" 407mm x 508mm	23" - 584mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1622-S*	16" x 22" 407mm x 559mm	25.5" - 648mm	27.5" - 699mm	128lb - 58.2kg
TRC-M-1826-S*	18" x 26" 457mm x 660mm	29" - 737mm	29.5" - 749mm	130lb - 59.1kg
TRC-M-2020*	20" x 20" 508mm x 508mm	23" - 584mm	31.5" - 800mm	130lb - 59.1kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by 1/2" (13mm).

Overall height of all listed units is 37 1/2" (953mm).

Changes available to suit customer's requirements.

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Custom Designs
Available

TRAY AND RACK DISPENSER

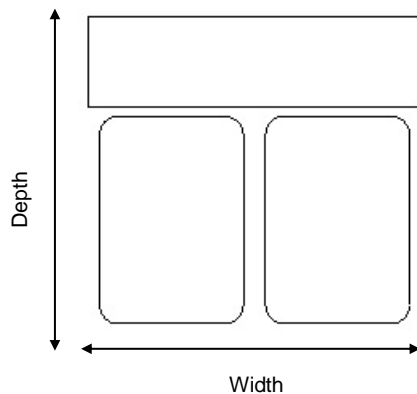
- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- DOUBLE UNIT
- PROJECTED

Model #: TRC-M-2*

SPECIFICATIONS:

-Refer to page one



Note: On double units each carrier mechanism moves independently of the other (e.g.: one can be up or empty and one can be down or full).

MODEL	TRAY OR RACK SIZE	OVERALL UNIT WIDTH	OVERALL UNIT DEPTH	SHIPPING WEIGHT APP.
TRC-M-1014-2*	10" x 14" 254mm x 356mm	26.5" - 673mm	25.5" - 648mm	120lb - 54.5kg
TRC-M-1020-2*	10" x 20" 254mm x 508mm	26.5" - 673mm	31.5" - 800mm	130lb - 59.1kg
TRC-M-1321-2*	13" x 21" 330mm x 533mm	35.5" - 902mm	32.5" - 826mm	144lb - 65.5kg
TRC-M-1418-2*	14" x 18" 356mm x 457mm	35.5" - 902mm	29.5" - 749mm	155lb - 70.5kg
TRC-M-1520-2*	15" x 20" 381mm - 508mm	35.5" - 902mm	31.5" - 800mm	160lb - 72.7kg

Sizes include bumper and handle.

Removing handle will shorten the depth dimension by 1/2" (13mm).

Overall height of all listed units is 37 1/2" (953mm).

Changes available to suit customer's requirements.

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Available

TRAY AND RACK DISPENSER - OPTIONS

- STAINLESS STEEL
- CANTILEVER DESIGN
- SELF LEVELING, FIELD ADJUSTABLE

- MOBILE
- SINGLE UNIT

Model #: TRC-M-STD-F*

SPECIFICATIONS:

- Flat style overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 45 ½” (1156mm)



Model #: TRC-M-8-CD*

SPECIFICATIONS:

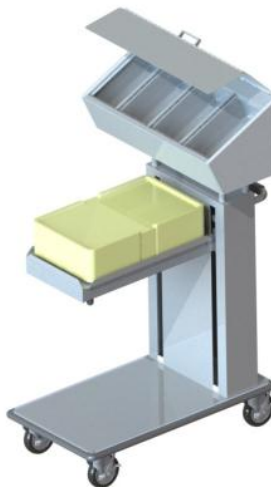
- Cylinder style overshelf (cylinders not included)
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Overall height of unit is 54 ½” (1385mm)



Model #: TRC-M-OS-4*

SPECIFICATIONS:

- 4 pan overshelf
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Holds 4 ¼ size cutlery pans (pans not included)
- With NSF certified, hinged fold back cover
- Overall width of unit is 27 ½” (699mm)
- Overall height of unit is 53” (1346mm)



Model #: TRC-M-TG*

SPECIFICATIONS:

- Tray guides to assist in the positioning of non-stacking trays
- Stainless steel; Type 304
- “Heliarc” and spot welded construction
- Dimensions of unit as per charts



Options available on double units – refer to factory.

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Custom Designs
Available



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 Parts Dept. (800)424-TRUE • Parts Dept. Fax# (636)272-9471 • www.truemfg.com

Project Name: _____

Location: **130** _____

Item #: _____ Qty: _____

Model #: _____

A/A #

S/S #

Model:
GDM-45

Glass Door Merchandiser:
Slide Door Refrigerator



* Shown with optional black exterior.

GDM-45

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Oversized, factory balanced, refrigeration system holds 33°F to 38°F (.5°C to 3.3°C).
- ▶ Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with stainless steel floor.
- ▶ Self closing doors. Counter-balanced weight system for smooth, even, positive closing.
- ▶ "Low-E", double pane thermal insulated glass door assemblies with mitered plastic channel frames. The latest in energy efficient technology.
- ▶ Entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

Bottom mounted units feature

- ▶ "No stoop" lower shelf to maximize product visibility.
- ▶ Storage on top of cabinet.
- ▶ Easily accessible condenser coil for cleaning.

ROUGH-IN DATA

Specifications subject to change without notice.
 Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

Model	Doors	Shelves	Cabinet Dimensions (inches) (mm)			HP	Voltage	Amps	NEMA Config.	Cord Length (total ft.) (total m)	Crated Weight (lbs.) (kg)
			L	D†	H						
GDM-45	2	8	51 1/8	29 5/8	78 5/8	1/2	115/60/1	10.2	5-15P	9	460
			1299	753	1998	1/2	230-240/50/1	5.4	▲	2.74	209

† Depth does not include 3/8" (10 mm) for door handles.

▲ Plug type varies by country.



APPROVALS:

AVAILABLE AT:

Model:
GDM-45

Glass Door Merchandiser: Slide Door Refrigerator



STANDARD FEATURES

DESIGN

- True's commitment to using the highest quality materials and oversized refrigeration systems provides the user with colder product temperatures, and lower utility costs in an attractive merchandiser that brilliantly displays packaged food and beverages.

REFRIGERATION SYSTEM

- Factory engineered, self-contained, capillary tube system using environmentally friendly (CFC free) 134A refrigerant.
- Extra large evaporator coil balanced with higher horsepower compressor and large condenser; maintains cabinet temperatures of 33°F to 38°F (.5°C to 3.3°C).
- Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades give True merchandisers a more efficient low velocity, high volume airflow design. This unique design ensures faster temperature pull down of warm product, colder holding temperatures and faster recovery in high use situations.
- Bottom mounted condensing unit positioned for easy maintenance. "No stoop" lower shelf maximizes visibility by raising merchandised product to higher level.

CABINET CONSTRUCTION

- Exterior - non-peel or chip white laminated vinyl; durable and permanent.
- Interior - attractive, NSF approved, white aluminum liner with stainless steel floor.
- Insulation - entire cabinet structure is foamed-in-place using Ecomate. A high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

- Welded, heavy duty steel frame rail, black powder coated for corrosion protection.
- Frame rail fitted with leg levelers.
- Illuminated exterior sign panel. Variety of sign options available.

DOORS

- "Low-E", double pane thermal insulated glass door assemblies with mitered plastic channel frames. The latest in energy efficient technology.
- Each door fitted with 12" (305 mm) long handle.
- Self closing doors. Counter-balanced weight system for smooth, even, positive closing.

SHELVING

- Eight (8) adjustable, heavy duty PVC coated wire shelves 22 15/16" L x 20 9/16" D (583 mm x 523 mm). Four (4) chrome plated shelf clips included per shelf.
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable on 1/2" (13 mm) increments.

LIGHTING

- Safety shielded fluorescent interior lighting.
- Cabinet lighting utilizes electronic ballast and T-8 bulbs for brighter illumination, longer bulb life and increased energy efficiency.

MODEL FEATURES

- Evaporator is epoxy coated to eliminate the potential of corrosion.
- See our website www.truemfg.com for latest color and sign offerings.
- Convenient clean-out drain built in cabinet floor.
- Listed under NSF-7 for the storage and/or display of packaged or bottled product.

ELECTRICAL

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.



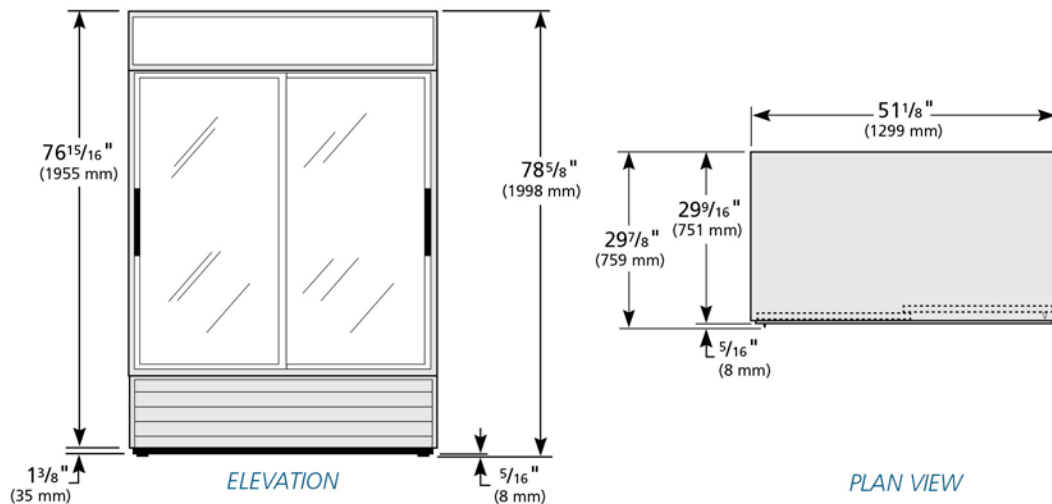
115/60/1
NEMA-5-15R

OPTIONAL FEATURES/ACCESSORIES

Upcharge and lead times may apply.

- 230 - 240V / 50 Hz.
- Black exterior.
- Stainless steel exterior.
- Black aluminum interior liner with black shelving.
- Stainless steel interior liner.
- 6" (153 mm) standard legs.
- 6" (153 mm) seismic/flanged legs.
- 2 1/2" (64 mm) diameter castors.
- 4" (102 mm) diameter castors.
- LED Lighting.
- Red wine thermostat.
- White wine thermostat.
- Chocolate thermostat.
- Barrel lock (factory installed).
- Ratchet locks.
- Wine racks.
- Additional shelves.
- TrueFlex gravity feed organizers.
- Remote cabinets (condensing unit supplied by others; system comes standard with 404A expansion valve and requires R404A refrigerant). Consult factory technical service department for BTU information. All remote units must be hard wired during installation.

PLAN VIEW



WARRANTY

One year warranty on all parts and labor and an additional 4 year warranty on compressor. (U.S.A. only)

METRIC DIMENSIONS ROUNDED UP TO THE NEAREST WHOLE MILLIMETER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



Model	Elevation	Right	Plan	3D	Back
GDM-45	TFAY05E	TFAY07S	TFAY05P	TFAY063	

TRUE FOOD SERVICE EQUIPMENT

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5 Gallon Hot Water Machine

Features



5 Gallon Hot Water Machine

- Dispenses up to 18 gallons (68.14 litres) of boiling water (H5X) per hour for food prep and cleaning.
- Precise temperature (72°–212°F) (22.2°C-100°C) ensures consistent, high quality results.
- Locate hot water at preparation site to increase speed, safety and efficiency of kitchen staff.
- Prepare large amounts of mashed potatoes, gravy, cheese sauce, gelatin, oatmeal, and many more foods.
- International electrical configurations available.

Model H5E/H5X

Dimensions: 28.5"H x 7.1"W x 17.5"D
(72.4cm H x 18.03cm W x 44.5cm D)

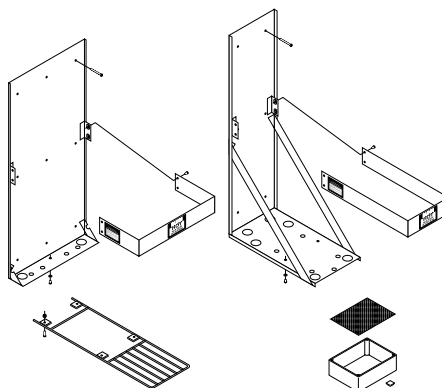
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Related Products

Easy Clear® EQHP-10
Product No. : 39000.0004



Easy Clear® EQHP-10L
Product No. : 39000.0001



- 1. Wall Mount Bracket (side)**
Product No. : 12542.0000
Dimensions: 30" H x 13 1/2" W x 4 1/2" D
76.2 cm H x 34.29 cm W x 11.43 cm D
- 2. Wall Mount Bracket (front)**
Product No. : 13125.0001
Dimensions: 30 1/2" H x 8 1/2" W x 15 1/4" D
77.47 cm H x 21.59 cm W x 38.74 cm D
- 3. Container Holding Shelf**
Product No. : 12599.0000
Dimensions: 6 3/4" W x 21" D
17.15 cm W x 53.34 cm D
- 4. Drip Tray**
Product No. : 02497.0000

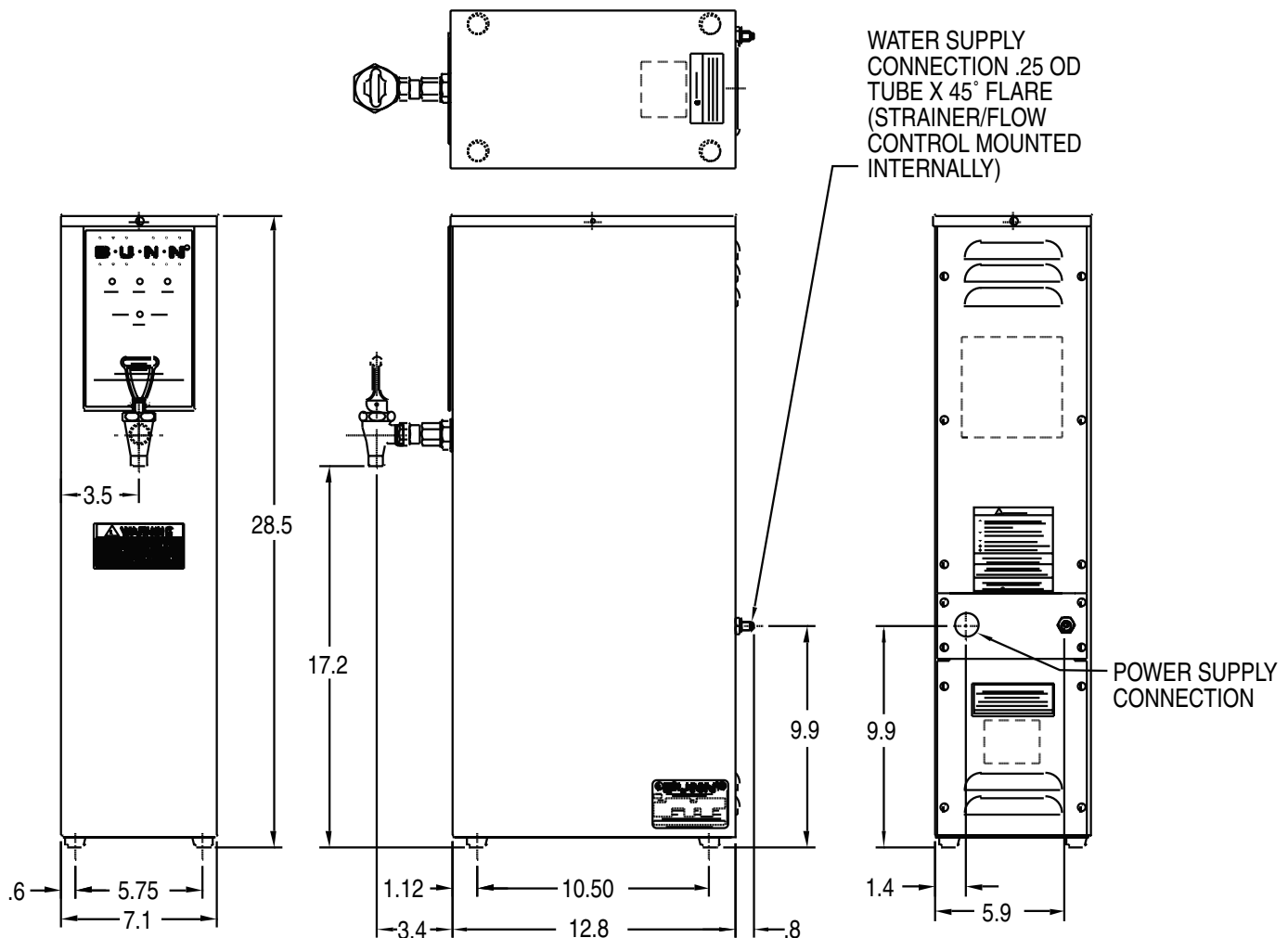
Model	Agency Listing
H5E	UL NSF
H5X	UL NSF

Dimensions & Specifications

Model	Product #	Volts	Amps	Tank Heater Watts	Total Watts	°F Settings	Gal./Hr. cold water input 35°	Gal./Hr. hot water input 140°	Cu. Ft.	Shipping Weight	Cord Attached
H5E-18-120	12500.0020	120	15.4	1800	1850	85/115			4.1 ft ³	32 lbs.	No
H5E-18-120	12500.0033	120	15.4	1800	1850	72			4.1 ft ³	32 lbs.	No
H5E-40-240	12500.0024	240	16.9	4000	4050	200	<i>Varies with application</i>		4.1 ft ³	32 lbs.	No
H5E-40-208	12500.0025	208	19.5	4000	4050	200			4.1 ft ³	32 lbs.	No
H5X-40-240	12500.0026	240	16.9	4000	4050	212	7.3	14.7	4.1 ft ³	32 lbs.	No
H5X-40-208	12500.0027	208	19.5	4000	4050	212	7.3	14.7	4.1 ft ³	32 lbs.	No
H5X-18-120	12500.0028	120	15.4	1800	1850	212	3.7	8.1	4.1 ft ³	32 lbs.	No
H5X-60-208	12500.0032	208	29	6000	6050	212	9.9	18.6	4.1 ft ³	33 lbs.	No
H5M-18-120	12500.0046	120	15.4	1800	1850	200	3.7	8.1	5.6 ft ³	44 lbs.	No

Electrical: All models require 2-wires plus ground service, single-phase. Supplied strain relief on rear side of machine.

Plumbing: 20-90 psi (138-621 kPa). Machine supplied with 1/4" OD male flare fitting.



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Fresh Mix Dispenser with 3 Hoppers

PROJECT _____

DATE _____



Model FMD-3
 Dimensions: 30"H x 11.3"W x 23.3"D
 (76.2 cm H x 28.7 cm W x 59.2 cm D)

Features

Fresh Mix Dispenser

- Variable speed motors allow control of product consistency in mixing chamber (.75 to 6.6 grams of powder per second).
- Lighted front graphics for merchandising are easy to exchange: cappuccino or soup.
- Attractive high-impact resin door is dent and scratch resistant. Black finish or stainless with black door.
- Large easy-to-fill translucent hoppers hold 4 lbs. (1.81 Kg) of product each, ensuring quick and timely refilling.
- High speed heavy-duty whipper for complete product mixing.
- Improved automatic rinsing of whipper reduces run-on after beverage is dispensed.
- Adjustable legs and drip tray accommodate 20 oz. (.59 liter) mugs easily.
- Electrical and plumbing components easily accessible through front and top.
- International electrical configurations available.



Model FMD DBC-3
 Dimensions: 30"H x 11.3"W x 23.3"D
 (76.2 cm H x 28.7 cm W x 59.2 cm D)

FMD DBC Dispensers

- Easy-to-program, one-touch portion control for 3 or 4 cup sizes.
- Fast fill perfect for quick service restaurants.
- Each mixing chamber has independent powder to water ratio.
- System setup is password protected for safety.
- Simple setup and hopper throw calibration system.
- 4 - Cup model includes programmable Mocha feature allowing four additional cup sizes per flavour.



Model FMD DBC-3 4 CUP
 Dimensions: 30"H x 11.3"W x 23.3"D
 (76.2 cm H x 28.7 cm W x 59.2 cm D)



Model FMD-3 available with optional Cafe Display




Model FMD DBC-3 Touchpad



Model FMD DBC-3 4 CUP Touchpad

For current specification sheets and other information, go to www.bunn.com.

Model	Agency Listing
FMD-3	
FMD DBC-3	
FMD DBC-3 4 CUP	

Dimensions & Specifications



Model	Product #	Volts	Amps	Tank Heater Watts	Total Watts	Capacity gal/liters**	Cubic ft ³ /m ³	Weight lbs/kg	Cord Attached
FMD-3 BLK	28200.6000	120	11.7	1320	1400	4.2 / 15.9 per hr.	8.3/.23	84 / 38.1	Yes*
FMD-3 BLK	28200.6002	120/240	15.4	3500	3600	8.5 / 32.2 per hr.	8.3/.23	84 / 38.1	Yes†
FMD-3 SS	28200.6001	120	11.7	1320	1400	4.2 / 15.9 per hr.	8.3/.23	78 / 35.3	Yes*
FMD-3 SS	28200.6003	120/240	15.4	3500	3600	8.5 / 32.2 per hr.	8.3/.23	78 / 35.3	Yes†
FMD DBC-3	29250.6000	120	11.7	1320	1400	4.2 / 15.9 per hr.	8.3/.23	84 / 38.1	Yes*
FMD DBC-3 4 CUP	29250.6016	120	11.7	1320	1400	4.2 / 15.9 per hr.	8.3/.23	84 / 38.1	Yes*

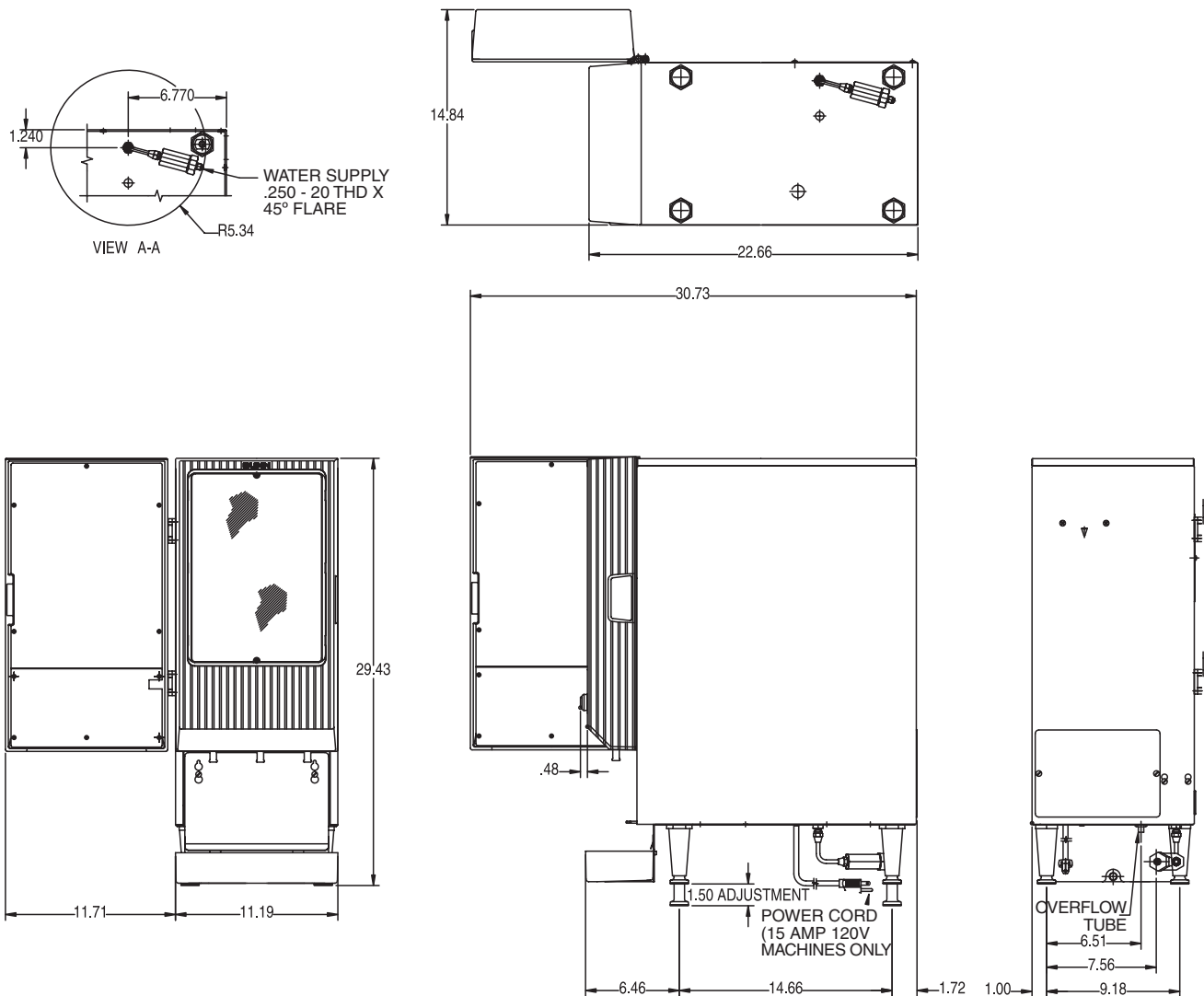
*Power cord (NEMA 5-15P) 15 Amp-120V machine only. † Power cord (NEMA L14-20P) 120/240 V machine only.

**Based on incoming water temperature of 50°F.

Note: SS=stainless steel cabinet with black door, BLK=black decor.

Electrical: 120V model requires 2-wires plus ground service rated 120V, single phase, 60 hz. 120/240V model requires 3-wires plus ground service rated 120/208 or 120/240V, single phase, 60Hz.

Plumbing: 20-90 psi (138-621 kPa) from a 3/8" (10 mm) or larger supply line. A shut-off valve should be installed in the line before the unit. Install a regulator in line when pressure is greater than 90 psi to reduce it to 50 psi. Supplied with 1/4" (6.4 mm) male flare fitting.



Bunn-O-Matic Corporation of Canada - 280 Industrial Pkwy. S. Aurora, Ontario L4G 3T9 • 905-841-2866 • Fax 905-841-2775 • www.bunn.com

BUNN® practices continuous product research and improvement. We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

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HATCH

TRAY AND RACK DISPENSER – DROP-IN

- STAINLESS STEEL
- DOUBLE SPRING BANK MECHANISM
- SELF LEVELING, FIELD ADJUSTABLE
- SINGLE UNIT
- UNHEATED

MODEL SERIES: TRD-D/I-

APPLICATION:

- Cafeterias
- Serving lines
- Serving stations
- Mobile salad servers
- May be used in refrigerated cabinets

DISPENSES:

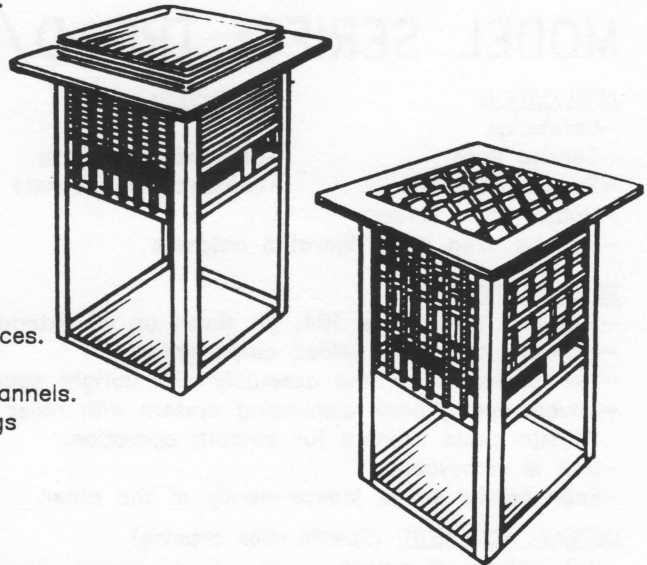
- Trays
- Chinaware in racks
- Chinaware in baskets

SPECIFICATIONS:

- Stainless steel, type 304, #4 finish on all exterior surfaces.
- Heli-arc and spot welded construction.
- Die formed uni-frame assembly with upright support channels.
- Double spring bank dispensing system with roller bearings fit into guide runners for smooth operation.
- Unit is removable.

OPTIONAL EQUIPMENT: (Specify when ordering)

- Unit enclosed all around.



MODEL	TRAY AND RACK SIZE	OVERALL FLANGE WIDTH	OVERALL FLANGE LENGTH	OVER ALL HEIGHT	COUNTER CUTOUT WIDTH	COUNTER CUTOUT LENGTH	SHIPPING WEIGHT APP
	Inch mm	Inch mm	Inch mm	Inch mm	Inch mm	Inch mm	Lbs. Kg
TRD-581-D/I	10 x 14 254 x 356	13-1/4 337	20 508	28 711	11-3/4 299	18-1/2 470	40 18.2
TRD-565-D/I	10 x 20 254 x 508	13-1/4 337	26 660	28 711	11-3/4 299	24-1/2 622	35 15.9
TRD-566-D/I	12 x 16 305 x 406	15-1/4 387	22 559	28 711	13-3/4 349	20-1/2 521	35 15.9
TRD-567-D/I	12 x 19 305 x 483	15-1/4 387	25 635	28 711	13-3/4 349	23-1/2 597	35 15.9
TRD-568-D/I	14 x 18 356 x 457	17-1/4 438	24 610	28 711	15-3/4 400	22-1/2 572	35 15.9
TRD-569-D/I	15 x 20 381 x 508	18-1/4 464	26 660	28 711	16-3/4 426	24-1/2 622	35 15.9
TRD-570-D/I	16 x 20 407 x 508	19-1/4 489	26 660	28 711	17-3/4 451	24-1/2 622	40 18.2
TRD-571-D/I	16 x 22 407 x 559	19-1/4 489	28 711	28 711	17-3/4 451	26-1/2 673	40 18.2
TRD-572-D/I	20 x 20 508 x 508	23-1/4 591	26 660	28 711	21-3/4 553	24-1/2 622	40 18.2
TRD-573-D/I	18 x 26 457 x 660	21-1/4 540	32 813	28 711	19-3/4 502	30-1/2 775	40 18.2

**HATCH
INDUSTRIES
LIMITED**

MANUFACTURED IN CANADA
P.O. BOX 1713, GUELPH, ONTARIO, CANADA. N1H 6Z9
1-800-387-6969 FAX: 1-519-822-8365
(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)
SP-TRD-D/I-1 (R2)

Item # **135**

Project: _____

Qty: _____
 *AutoCad available on KCL

DCM-500B_H

SANITARY CUBELET ICE MACHINE/DISPENSER

DCM-500B_H

11/09

Item # 13226

DIMENSIONS
 W x D x H

DCM-500B_H

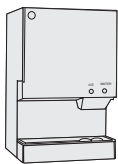
26 x 22^{1/2} x 40

SD-450

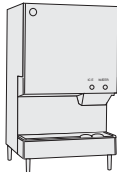
26^{1/4} x 22 x 32^{1/2}

SD-500

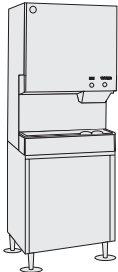
25^{9/10} x 22 x 32^{3/4}



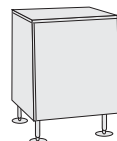
DCM-500
Countertop



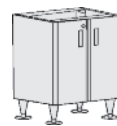
DCM-500
Countertop
with optional
6" legs



DCM-500
Floor Model
with optional
stand



SD-450
optional
stand



SD-500
optional
stand

DCM-500BAH

Air-Cooled

Shown on an optional
SD-500 Stand

DCM-500BWH

Water-Cooled



DCM-500B_H

- CleanCycle12®. Every 12 hours, unit performs 15 minute purge to rid itself of impurities
- Corrosion resistant stainless steel exterior
- Up to 567 lbs. of ice production per 24 hours, with 40 lbs. built-in storage
- Easy to chew, cubelet ice
- Self contained design reducing opportunities for cross contamination
- Dispenses ice and water
- Protected by *HoshiGuard* Antimicrobial Agent **HOSHIGUARD**



SD-450 Stand / SD-500 Stand

- Heavy duty stand for floor model icemaker/dispenser
- Corrosion resistant stainless steel exterior
- Easy cleaning with attractive appearance
- Locking doors standard on SD-500



Warranty

Valid in United States, Canada, Puerto Rico, & U.S. Territories. Contact factory for warranty in other countries.

Two Year - Parts & Labor on entire machine.

Five Year - Parts on: Compressor, air-cooled condenser.



H

DIMENSIONS W x D x H

DCM-500B_H	26 x 22 ^{1/2} x 40
SD-450	26 ^{1/4} x 22 x 32 ^{1/2}
SD-500	25 ^{9/10} x 22 x 32 ^{3/4}

DCM-500B_H SANITARY CUBELET ICE MACHINE/DISPENSER

- Hands-free ice machine/dispenser
- Optional stand
- Optional stand with locking doors

AIR-COOLED

Water Temp ° F.	50°	70°	90°	
Air Temp ° F.	70°	535	510	485
	80°	461	438	416
	90°	396	385	358

WATER-COOLED

Water Temp ° F.	50°	70°	90°	
Air Temp ° F.	70°	567	549	539
	80°	529	519	509
	90°	500	495	481

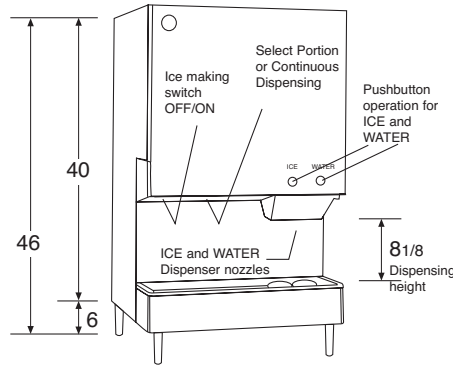
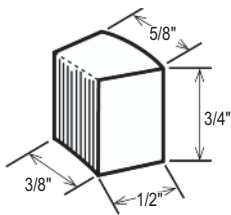
UTILITY CONSUMPTION

Model Number	KWH per 100 LBS.		Gal. Per 100 LBS.	
	90/70	70/50	90/70	70/50
DCM-500BAH	6.6	4.4	12.0	12.0
DCM-500BWH	4.7	4.1	12.0	12.0

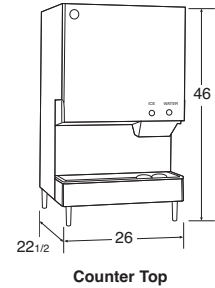
SPECIFICATIONS

Model Number	Condenser	Amperage	Min. Circuit Ampacity	Shipping Weight
DCM-500BAH	Air-Cooled	12	20	276 lbs.
DCM-500BWH	Water-Cooled	11.5	20	269 lbs.
SD-450	N/A	N/A	N/A	110 lbs.
SD-500	N/A	N/A	N/A	98 lbs.

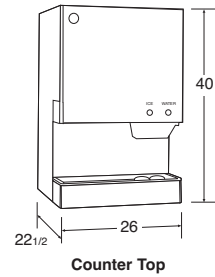
CUBELET DIMENSIONS



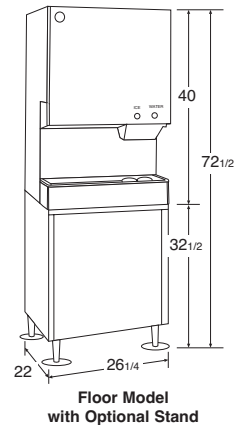
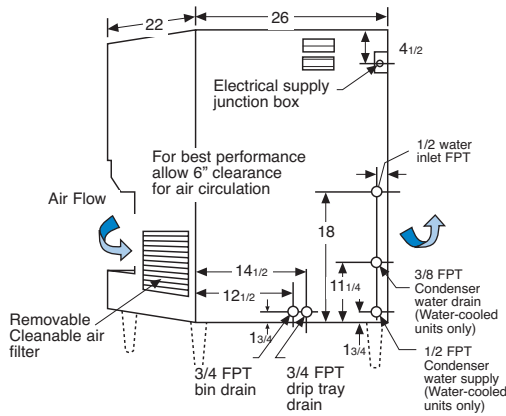
40 lb. Capacity Built-in Bin



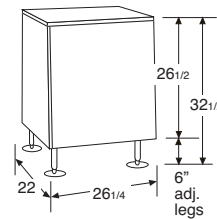
Counter Top



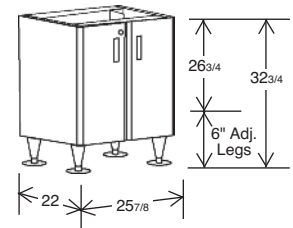
Counter Top



Floor Model with Optional Stand



SD-450



SD-500

ELECTRICAL & PLUMBING/DCM-500B_H

- 115V/60/1
- 20 amp Max Fuse Size
- 1/2" FPT Water Inlet
- 3/4" FPT x2 Drain



© HOSHIZAKI AMERICA, INC.

618 Hwy. 74 S., Peachtree City, GA 30269

OPERATING LIMITS

• Ambient Temp Range	45 - 100°F
• Water Temp Range	45 - 90°F
• Water Pressure	10 - 113psig
• Voltage Range	104 - 127V

SERVICE

- Panels easily removed and all components accessible for service.
- Removable/cleanable air filter. (Air-cooled model only)

TEL 1-800-438-6087

FAX 1-800-345-1325

www.hoshizaki.com

Printed in U.S.A.



NE-1064

1000 Watt* Commercial Microwave Oven



Technical Specifications

Power source: 120V, 60Hz, Single phase

Receptacle required: NEMA 5-15 R or
NEMA 5-20 R



Frequency: 2,450MHz

Required power: 13.4A

Output: 1000 watts*

Outer dimensions: 20 $\frac{1}{8}$ " w x 16 $\frac{1}{8}$ " d x 12" h

Cavity dimensions: 13" w x 13" d x 8 $\frac{1}{8}$ " h

Net weight: 34 lbs.

Shipping weight: 39 lbs.

Shipping box size: 24" w x 18 $\frac{3}{4}$ " d x 14 $\frac{3}{4}$ " h, 3.8 cu. ft.

Timer: 99 Minutes, 99 Seconds

Memory Capability: 20 Programs

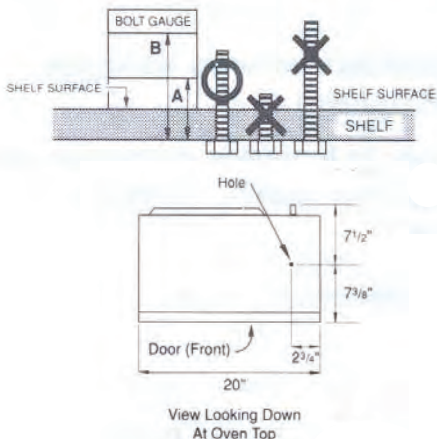
To specify a Panasonic Commercial Microwave Oven

The NE-1064 Commercial Microwave Oven meets or exceeds all safety performance and sanitation standards set for commercial food service microwave ovens by UL, DHHS, FCC and NSF.

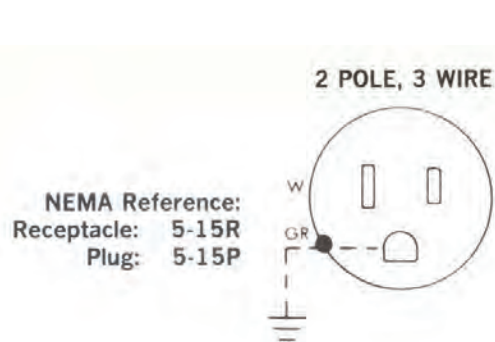
Plus, oven shall have output power 1000 Watts*, stainless steel cabinet and cavity, bottom energy feed, 10 programmable memory pads, Braille keypad, 20-memory capability, double quantity key, 6 power levels, 2- and 3-stage cooking, programmable lock, unique "quick pick" preset times and self-diagnostics, Chef/Test Kitchen technical support and 3 year limited warranty.

**I.E.C. 60705 Test Procedure. Specifications subject to change without notice.*

Security/Anti-Theft Option



Receptacle Required

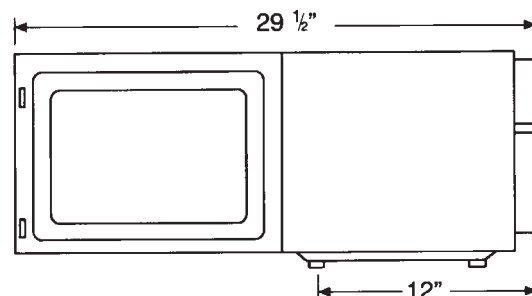
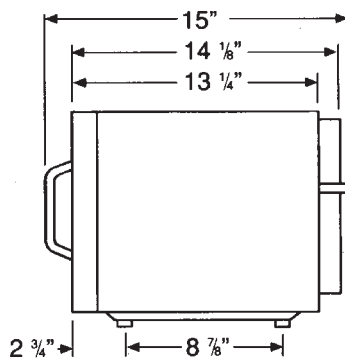
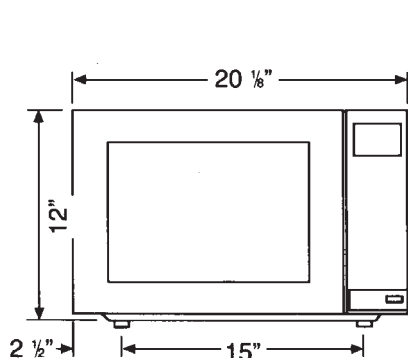


ADA Compliance

§4.28.2 ((CFR) –
28CFR Part 36)
"For Alarms".

§4.27 "For controls
and operating
mechanisms".

Braille controls.



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www.panasonic.com/cmo

PLANNED EQUIPMENT ASSET LIST

Project Name		Stanton Hospital Renewal Project. Schematic Design Planning.		Location	Yellowknife. NWT		
Building Name		Stanton Territorial Hospital		Date	March 2013		
Item #	001						
Room #	3xxx	Room Name	MDR	Room Function	Decontamination		
Comments							
Section 1	Generic Description		Ultrasonic cleaner. Console model				
	New / Transfer	New	Make	Steris Caviwave		Model	CR12
	Serial #		Inventory #			jpg Ref. #	Product Literature
	Brochure		Tech Data	Attached	Install Guide	Attached	
Comments Purchased by Stanton. In process of being installed							
Section 2	Dimensions (mm)	H	978	W	914	D	889
	Clearances	H	1473	W	914	D	930
	Weight (Kg)	370					
Comments Height: Clearance - with lid raised. Weight - with full tank. 15 US gallons							
Section 3: Electrical	Volts	208	Amps	19.6	Phase	3	Watts
	Power Supply	Standard	Emergency		UPS		1000
	Low Voltage	No					
Comments							
Section 4: Mechanical			Size	Temperature	Pressure	Other	
	Water	DCW		Deg. Celsius	PSIG		
		DHW	1/2" FPT	38 - 49	25 - 50	CPVC	
		Pure Water					
	Gases	Nat. Gas	No				
		Air	No				
		Oxygen					
		Vacuum					
		Other					
	Drain	Size	1-1/4" NPT	10 GPM max. flow			
		Material	CPVC				
		Other					
Comments							
Section 5: HVAC	Heat Rejection						
Vent	To Room	Yes	Volume	275 BTU		Pressure	
	To Exterior		Volume			Pressure	
	Size						
Comments							

PLANNED EQUIPMENT DETAIL

Project Name		Stanton Hospital Renewal Project. Schematic Design Planning.			Location	Yellowknife. NWT		
Building Name		Stanton Territorial Hospital			Date	March 2013		
Item #	005	006						
Room #	3xxx	Room Name	MDR	Room Function	Decontamination			
Comments								
Section 1	Generic Description		Endoscope channel flusher					
	New / Transfer	Note 1	Make	Medivators		Model	Scope Buddy	
	Serial #	N/A	Inventory #	Not tagged		jpg Ref. #		
	Brochure	Attached	Tech Data	Included in Brochure		Install Guide	Note 2	
Comments	Note 1: One Transfer, One New Note 2: Free standing on work counter or shelf, or wall mounted. Adjacent to gross cleaning sinks.							
Section 2	Dimensions (mm)	H	241	W	152	D	203	
	Clearances	H	0	W	0	D	0	
	Weight (Kg)	4.5						
Comments								
Section 3: Electrical	Volts	120	Amps	2	Phase	1	Watts	
	Power Supply:		Emergency	No	UPS	No		
	Low Voltage	No						
Comments								
Section 4: Mechanical			Size	Temperature	Pressure	Other		
				Deg. Celcius	PSIG			
	Water	DCW	No					
		DHW	No					
		Pure Water	No					
	Gases	Nat. Gas	No					
		Air	No					
		Oxygen	No					
		Vacuum	No					
		Other	No					
	Drain	Size	No					
		Material						
		Other						
Comments								
Section 5: HVAC	Heat Rejection	Essentially no heat rejection						
	Vent	To Room	Yes	Volume				
		To Exterior	No	Volume	Pressure			
		Size		Pressure				
Comments								

PLANNED EQUIPMENT DETAIL

Project Name		Stanton Hospital Renewal Project. Schematic Design Planning.		Location		Yellowknife. NWT	
Building Name		Stanton Territorial Hospital		Date		March 2013	
Item #		007					
Room #	3xxx	Room Name	Cart Wash	Room Function	Cart and utensil washing, disinfection		
Comments Pass-through equipment between Decontamination and Clean Prep and Pack							
Section 1	Generic Description	Automated, high speed, high temperature, cart and utensil washer disinfectors					
	New / Transfer	New	Make	Steris		Model	Vision 1321
Comments	Serial #		Inventory #			jpg Ref. #	
	Brochure	M3533EN	Tech Data	SD940	Install Guide	920-517-287	
Section 2	Dimensions (mm)	H	2864	W	3150	D (L)	2692
	Clearances	H		W		D	
Comments	Weight (Kg)	2,151	Operating weight.	3,306			
Section 3: Electrical	Volts	480	Amps	25.5	Phase	3	Watts
	Power Supply:		Emergency	No	UPS	NO	
Comments							
Section 4: Mechanical			Size	Temperature	Pressure	Other	
				Deg. Celcius	PSIG		
	Water	DCW	1" NPT				
		DHW	1" NPT				
		Pure Water	1" NPT				
	Gases	Nat. Gas					
		Air					
		Oxygen					
		Vacuum					
		Other					
	Drain	Size	4 " minimum. (9" floor sink or hub collector to 4" minimum drain)				
		Material					
		Other	Condensate return				
	Steam						
Comments							
Section 5: HVAC	Heat Rejection						
	Vent	To Room		Volume		Pressure	
Comments		To Exterior		Volume		Pressure	
		Size					

PLANNED EQUIPMENT DETAIL

Project Name		Stanton Hospital Renewal Project. Schematic Design Planning.		Location		Yellowknife. NWT		
Building Name		Stanton Territorial Hospital		Date		March 2013		
Item #		007A						
Room #	3xxx	Room Name	Cart wash	Room Function	Electric steam generator for cart wash			
Comments Details provide for a 180KW separate electric steam boiler It is expected that Steris will have developed an integrated electric steam boiler package for the Vision 1321, well before earliest commissioning date. Integrated boiler package will slightly reduce the required footprint.								
Section 1	Generic Description		180 KW electric steam boiler					
	New / Transfer	New	Make	Steris		Model	CES	
Comments	Serial #		Inventory #			jpg Ref. #		
	Brochure	No	Tech Data	SD56	Install Guide	65435-731		
Section 2	Dimensions (mm)	H	1550	W	838	D	787	
	Clearances	H	457	W	457	D	457	
	Weight (Kg)	457						
Comments								
Section 3: Electrical	Volts	480	Amps	217 / phase	Phase	3	Watts	180 KW
	Power Supply:		Emergency	No	UPS	No		
Low Voltage		No						
Comments 2 separate terminal boxes. Refer to install guide. 1 for control and pump motor - 120V 15A single phase. Second for boiler heaters.								
Section 4: Mechanical								
		Size	Temperature	Pressure	Other			
			Deg. Celcius	PSIG				
Water	DCW							
	DHW	1/2" NPT	60 minimum	20 - 50	76 gals/hr.			
	Pure Water	See Tech Data SD56 for water quality. Attached.						
Gases	Nat. Gas	No						
	Air	No						
	Oxygen	No						
	Vacuum	No						
	Other	No						
Drain	Size	1" NPT. Refer to Items 1 and 6 on Install guide.						
	Material							
	Other							
Comments Developed boiler horsepower:- 18.4 Generator steam output:- 535 Lbs/hour at 80 psig.								
Section 5: HVAC								
Vent	Heat Rejection			Volume	4800 BTU/Hour	Pressure		
	To Room	Yes	Volume		Pressure			
To Exterior			Size					
Comments								

PLANNED EQUIPMENT DETAIL

Project Name		Stanton Hospital Renewal Project. Schematic Design Planning.		Location	Yellowknife. NWT	
Building Name		Stanton Territorial Hospital		Date	March 2013	
Item #	008	009	010			
Room #	3xxx	Room Name	Scope Room	Room Function	Endoscope high level disinfection	
Comments						
Section 1	Generic Description		Automatic endoscope reprocessor (AER)			
	New / Transfer	New	Make	Steris		Model System 1 Express
	Serial #		Inventory #			jpg Ref. #
	Brochure	M3432EN	Tech Data	SD943	Install Guide T6542 Rev. A	
Comments Existing System 1's (2) are obsolete. An upgrade is available, but age, condition and high number of cycles to date are not supportive of the upgrade approach. New, current generation System 1 Express's are recommended.						
Section 2	Dimensions (mm)	H	1890	W	1140	D 790
	Clearances	H	Included	W	Included	D Included
	Weight (Kg)	175				
Comments Dimensions and weight are inclusive of workstation, cart, UV system and pre-filters						
Section 3: Electrical	Volts	120	Amps	20	Phase	1
	Power Supply:		Emergency	No	UPS	No
	Low Voltage	No				
Comments Note. Processor requires 120 V 15.0 A. Ultraviolet light water purification system requires 120 V 1.6 A Provide 120V, 20A dedicated circuit, 20A duplex receptacle GFCI						
Section 4: Mechanical			Size	Temperature	Pressure	Other
	Water	DCW		Deg. Celcius	PSIG	
		DHW	3/4"	43 - 60	50 - 60	3/4" male hose
		Pure Water	No			2.5 gpm minimum
	Gases	Nat. Gas	No			
		Air	No			
		Oxygen	No			
		Vacuum	No			
		Other	No			
	Drain	Size	1 - 1/4" I.D. non-backpressuring			
		Material				
		Other				
Comments Domestic water supply requires temperature controlled mixing valve to obtain required supply temperature Supply water quality: less than or equal to 140 ppm hardness as CaCO2. Supply requires back flow preventionr						
Section 5: HVAC	Heat Rejection					
	Vent	To Room	Yes	Volume		Pressure
		To Exterior		Volume		Pressure
		Size				
Comments						

PLANNED EQUIPMENT DETAIL

Project Name		Stanton Hospital Renewal Project. Schematic Design Planning.		Location	Yellowknife. NWT	
Building Name		Stanton Territorial Hospital		Date	March 2013	
Item #	019	20	Heat sealer			
Room #	3xxx	Room Name	MDR	Room Function	Prep and Pack	
Comments						
Section 1	Generic Description	Heat sealer		Make	Wipak Medical Steriking	
	New / Transfer	1 new		Model	Rotosealer RS-120	
	Serial #	1 transfer		Inventory #		
	Brochure	Yes		Tech Data	No	
				Install Guide	No	
Comments						
Section 2	Dimensions (mm)	H	160	W	490	D 160
	Clearances	H		W		D
	Weight (Kg)	20.0 approx.				
Comments Free standing on work surface						
Section 3: Electrical	Volts	120	Amps		Phase	1
	Power Supply:		Emergency		UPS	
	Low Voltage				Watts	500
Comments						
Section 4: Mechanical			Size	Temperature	Pressure	Other
				Deg. Celcius	PSIG	
	Water	DCW	No			
		DHW	No			
		Pure Water	No			
	Gases	Nat. Gas	No			
		Air	No			
		Oxygen	No			
		Vacuum	No			
		Other	No			
	Drain	Size	No			
		Material				
		Other				
Comments						
Section 5: HVAC	Heat Rejection					
	Vent	To Room	Yes	Volume		Pressure
		To Exterior		Volume		Pressure
		Size				
Comments Calculate based on electrical. Maximum 500 Watts.						

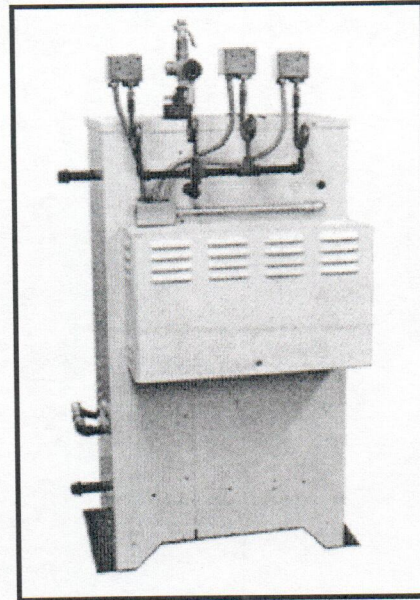


AMSCO® ELECTRIC STEAM GENERATORS - CES SERIES

APPLICATION

Amsco Electric Steam Generators (CES Series) provide the high-quality (97%-vapor quality) steam needed to power equipment such as sterilizers, water stills, utensil sanitizers and water temperature boosters for washing equipment. They provide a steam source when in-house supply is not available, when an emergency standby is required, or when a remote location needs to be served.

When a deionized, distilled or reverse osmosis water supply (min. resistivity of 1 megohm/cm) is available, stainless steel generators can also be used to supply pure steam.



(Typical - details may vary.)

CONSTRUCTION

STERIS furnishes all components necessary to obtain a complete working unit, ready for (but not including) installation and connection to the building utility service lines and the equipment to be powered.

Heating Section

The pressure vessel is ASME Grade carbon steel rated for 100 psig. If selected, 316L stainless steel can be supplied for use with deionized, distilled or reverse osmosis water.

STANDARDS

Generator meets the applicable requirements of the following standards:

- **American Society of Mechanical Engineers Code**, Section I, Part PMB for power boilers and is so stamped
- **Underwriters Laboratories Incorporated**
- **Canadian Standards Association** listings

- **Seismic pre-approval**; meets Zone 4 when installed according to the installation instructions.

FEATURES

Openings are provided for water inlet, drain, steam outlet, gauges, instrumentation and immersion type heating elements.

The entire heating section is insulated with two inch thick glass fiber.

The Selections Checked Below Apply To This Equipment

GENERATOR RATING (KW)

- 30 75 150
 40 100 180
 60 120

CONSTRUCTION

- 316L Stainless Steel
 Carbon Steel

ELECTRICITY*

- 208 V, 3 Phase 240 V, 3 Phase 480 V, 3 Phase
 380 V, 3 Phase 415 V, 3 Phase 600 V, 3 Phase

* Other voltages are available on special order.

Item _____

Location(s) _____

The flanged heaters include .427" diameter incolloy 800 tubular elements rated 105 W/in² brazed into heavy duty ASME flanges. Each element consists of 80% nickel, 20% chromium resistance wire surrounded by high density magnesium oxide insulation. The elements are repressed to ensure high density compression of all bends.

The heaters are individually fused for 208, 240, or 480 Volt, 50/60 Hz, 3-phase operation as selected.*

Automatic controls operate on 120 Volt, 50/60 Hz electric service. Operation of the generator is automatic. Standard components include:

- **Flush system** - the generator's heating section can be manually flushed. Review local codes before flushing generator.
- **Water-level control** - energizes the water pump and supply valve to ensure proper water level in the drum. This system uses a bronze or stainless steel, positive displacement pump, with drive motor wired for operation on 120 Volt, 50/60 Hz electric service. Motor has automatic overload protection. In addition, it shuts off power to the heaters if water in the heating section should fall below a preset level. System supply valve withstands hydrostatic test of 300 psig (21.2 kg/cm²) and has a brass or stainless steel body; non-magnetic, stainless-steel trim and dual electromagnetic coil are included. A water-level sight gauge with upper and lower hand-valve shutoffs is provided. Sightglass valves are equipped with ASME rated automatic shutoff if the sight gauge glass should break.
- **Steam pressure controls** - generators are supplied with operating and high limit pressure controls. One (two for 100-180 kW units) is used for controlling the operating pressure of the generator (0-90 psi adjustable operating range) while the other is used as a high limit pressure control, and incorporates a manual reset.

* Other voltages are available upon special order.

- **Electric door interlock** - interrupts the 120 V control circuit whenever the generator's main electrical door panel is opened.
- **Auxiliary low water cut-off** - a safety backup protection that turns off the power to the heating element(s) in the event of a low water level control failure.
- **Water sensing system** - if an equipment malfunction occurs and the outlet should fill with water, the water sensing system closes the steam outlet, preventing liquid from entering service lines to user devices. The system also activates a visual alarm, alerting operator of malfunction.

The boiler is fully insulated and equipped with a steel jacket having a baked enamel finish. Plumbing and control devices are copper alloy or stainless steel.

The boiler is equipped with an ON-OFF control switch and pilot light.

If **stainless steel construction** is selected, all components in contact with feedwater and steam are 316L stainless steel or equal.

PERFORMANCE CAPABILITIES

Electric steam generators can provide the high pressure steam (90 psig max.) required for either single or multiple equipment arrangements. Available models are listed in Engineering Data, next page.

NOTES

1. Pipe sizes shown indicate terminal outlets only. Building service lines, provided by others, must supply the specified pressures and flow rates.
2. STERIS recommends supplying hot water at 140°F (60°C) (maximum 150°F [65°C]) to the generator to minimize heat-up time and conserve electricity; cold water at 70°F (21°C) may be substituted, but only with sacrifice of heat-up time. For proper boiler operation and

reasonable element life, STERIS recommends the feed water quality be controlled within the following parameters:

For Carbon Steel Generators

Condition	Nominal Conditions	Max. Conditions
Temperature	as supplied	150°F (65°C)
Total Hardness as CaCO ₃ *	0-17 mg/L	17 mg/L
Total Dissolved Solids	50-150 mg/L	250 mg/L
Total Alkalinity as CaCO ₃	50-100 mg/L	180 mg/L
pH	6.8-7.5	8.5
Total Silica	0.1-1.0 mg/L	2.5 mg/L
Resistivity - ohms/cm**	2000-6000	26000

For Stainless Steel Generators:

requires deionized, distilled or reverse osmosis water with minimum resistivity of 1 megohm/cm. Do not connect tap water to stainless steel generators. Use of water not meeting the required feedwater quality will invalidate the warranty and is a violation of ASME Boiler Codes.

3. Clearances shown are minimal for installing and servicing the equipment.
4. Disconnect switches (by others) should be installed in electric supply lines near the equipment. Water in and steam out lines should also be equipped with independent shut-off valves.
5. STERIS recommends that steam generating equipment be maintained and operated in an area where temperature does not exceed 100°F (38°C).
6. Other voltage specifications are available through special order.

* 17.1 mg/L = 1 grain hardness

** **WARNING - BURN HAZARD:** Sterilizer operator may be severely burned by scalding water if the water level control malfunctions. The steam generator level control may malfunction if the supply water exceeds 26,000 ohms/cm (38.5 micro-mhos conductivity min.). Do not connect to treated water (e.g., distilled, reverse osmosis, deionized) unless water resistivity is determined to be acceptable. If water exceeds 26,000 ohms/cm, contact STERIS Engineering Service for information concerning modifications required to the generator control system.

ENGINEERING DATA

Rating (kW)	30	40	60	75	100	120	150	180
Developed Boiler Horsepower	3.1	4.1	6.1	7.7	10.4	12.2	15.3	18.4
Generator Steam Output -- lbs/hr (kg/hr) 70°F (21°C) feedwater - 80 psig operating pressure	89.3 (40.6)	119 (54.1)	178.5 (81.1)	223 (101.4)	297.5 (135.2)	357 (162.3)	446.1 (202.8)	535.5 (243.4)
140°F (60°C) feedwater - 80 psig operating pressure	95.2 (43.3)	127 (57.7)	190.5 (86.6)	238.1 (108.2)	317.5 (144.3)	381.1 (173.2)	476.3 (216.5)	571.5 (259.8)
Gross BTU Output (BTU/hr)	102,360	136,480	204,720	255,900	348,024	409,440	511,800	614,160
Operating Weight lbs (kg)	388 (176)	393 (179)	458 (208)	468 (213)	842 (383)	1002 (456)	1002 (456)	1007 (458)
Electrical Requirements:								
Heaters:								
208 V - 3-Phase (amp/ph)	83	111	167	208	278	333	417	500
240 V - 3-Phase (amp/ph)	72	96	144	186	241	289	361	433
480 V - 3-Phase (amp/ph)	36	48	72	90	123	144	180	217
380 V - 3-Phase (amp/ph)	46	61	91	114	152	182	228	274
415 V - 3-Phase (amp/ph)	42	56	84	104	139	167	209	250
600 V - 3-Phase (amp/ph)	29	39	58	72	96	116	145	173
Controls & Pump Motor:								
120 V - 1Phase	15	15	15	15	15	15	15	15
Fuse Breaker Size:								
208 V - 3-Phase (amp/ph)	110	150	225	300	400	450	600	700
240 V - 3-Phase (amp/ph)	100	125	200	250	350	400	500	600
480 V - 3-Phase (amp/ph)	50	60	90	125	150	200	250	300
380 V - 3-Phase (amp/ph)	60	80	125	150	200	250	300	350
415 V - 3-Phase (amp/ph)	60	80	110	150	175	225	300	350
600 V - 3-Phase (amp/ph)	40	50	80	100	125	175	200	250
Input Wire Size**								
208 V - 3-Phase	1	2/0	250 or 6-1/0	400 or 6-2/0	500 or 6-3/0	900 or 6-250	6-400	6-500
240 V - 3-Phase	2	1/0	4/0	300 or 6-1/0	500 or 6-3/0	700 or 6-4/0	3-300	6-400
480 V - 3-Phase	6	4	2	1/0	2/0	4/0	300 or 6-1/0	400 or 6-2/0
380 V - 3-Phase	6	4	1/0	2/0	3/0	300 or 6-1/0	400 or 6-2/0	500 or 6-3/0
415 V - 3-Phase	6	4	1	2/0	3/0	250 or 6-1/0	400 or 6-2/0	500 or 6-3/0
600 V - 3-Phase	8	6	4	2	1/0	3/0	4/0	300 or 6-1/0
Water Consumption -- gph (litres per hour) at 70 psig water inlet 140°F (60°C)	12 (46)	16 (60)	25 (95)	31 (118)	43 (163)	51 (194)	63 (239)	76 (289)
Heat Loss -- BTU/hr at 70°F (21°C); continuous operation	1750	1750	2600	3500	4400	4800	4800	4800

** Minimum wire type - AWG (MCM) 90°C CU (copper) wire only.

UTILITY REQUIREMENTS

Waste (W)

For 30 to 180 kW generators:
1" NPT.

Hot Water (HW)

1/2" NPT; 20 to 50 psig (1.41 to 3.52 kg/cm², dynamic); 140°F (60°C) minimum - see Note 2.

Steam Outlet (S)

For 30 to 75 kW generators:
3/4" NPT; for 100 to 180 kW
Generators: 1" NPT.

Electrical (E1)

30 to 40 kW generators: 208,
240, or 480 Volt, 3-Phase, 50/60 Hz.

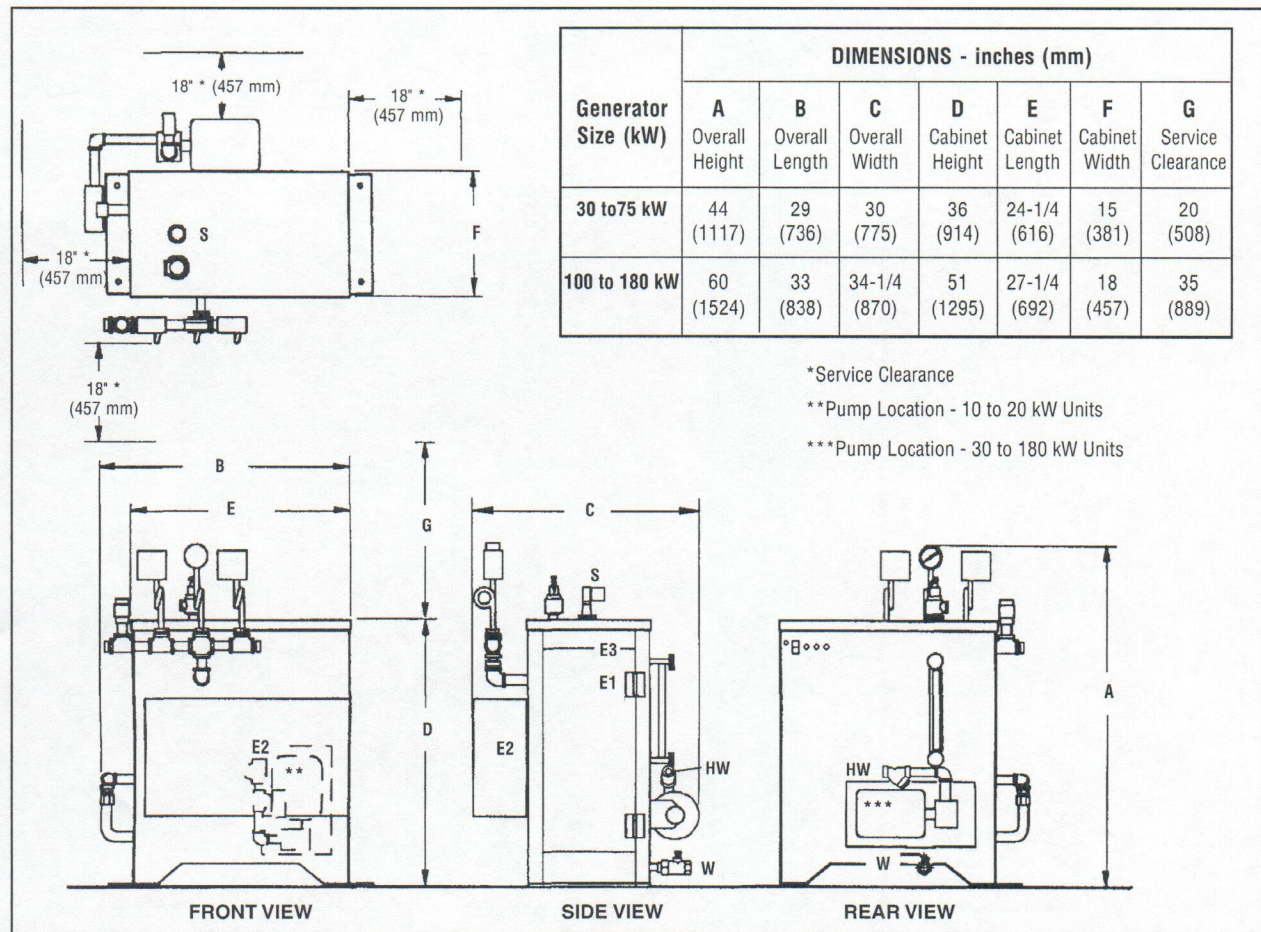
Electrical (E2)

60 to 180 kW generators: 208, 240,
or 480 Volt, 3-Phase, 50/60 Hz.

Electrical (E3)

120 Volt, 15 Amp, 1-Phase 50/60 Hz
service for control and pump motor.

...CHECK LOCAL CODES...



NOTE: Because of STERIS's continuing program of research and development, all specifications and descriptions are subject to change without notice. Some options may affect utility consumptions. Obtain approved drawings for design, and installation.

For further information, please contact:



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 Mentor, OH 44060-1834 • USA
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 www.steris.com

Ready AAMI COMPLIANT Sets THREE 25-POUND SETS Go IMMEDIATE-USE



The New AMSCO® 400 Series Small Steam Sterilizer.

Compliant. Larger capacity. Immediate-use.

Ready to keep pace with life in any surgical environment.

Compliant. Larger capacity. Ready for immediate-use.

Compliant

- AAMI-ST8:2008
- AAMI-ST79:2010

Processes up to three 25-lb. sets

- Increased shelf clearance allows processing of larger ortho and bariatric sets and large retractors
- Requires no additional floor space

Model	Size	Type	Load
400 Series 16	16 x 16 x 26"	Prevac	2 trays/4 fabric
400 Series 20	20 x 20 x 38"	Prevac	3 trays/6 fabric
400 Series 16S	16 x 16 x 26"	SFPP	2 trays/4 fabric
400 Series 20S	20 x 20 x 38"	SFPP	3 trays/6 fabric

Customizable cycles/cycle names Variety of pre-programmed cycles

Available Cycles:	Sterilize Temp.	Sterilize Time	Dry Time
Immediate-use Prevac	270°F (132°C)	4 Min.	1 Min.
Immediate-use Gravity	270°F (132°C)	10 Min.	1 Min.
Immediate-use Gravity	270°F (132°C)	3 Min.	1 Min.
Prevac	270°F (132°C)	4 Min.	30 Min.
Prevac	275°F (135°C)	3 Min.	30 Min.
Prevac	270°F (132°C)	4 Min.	5 Min.
Prevac	270°F (132°C)	4 Min.	20 Min.
SFPP *	270°F (132°C)	4 Min.	5 Min.
SFPP *	270°F (132°C)	4 Min.	30 Min.
SFPP *	275°F (135°C)	3 Min.	30 Min.
SFPP *	270°F (132°C)	4 Min.	20 Min.
Gravity	250°F (121°C)	30 Min.	15 Min.
Gravity	270°F (132°C)	15 Min.	30 Min.
Gravity	250°F (121°C)	30 Min.	30 Min.
Gravity	270°F (132°C)	25 Min.	15 Min.
Liquid	250°F (121°C)	45 Min.	N/A
Leak Test	N/A	N/A	N/A
DART Test (Bowie Dick)	270°F (132°C)	3.5 Min.	1 Min.
DART Warm-up	270°F (132°C)	3 Min.	1 Min.

* 16S and 20S units only

Safe, intuitive operation

- Hands-free, foot-activated door
- One-touch control with security access code
- Simple programming; customizable cycle names
- Control/countdown screen visible from 15'
- Display messages in complete phrases
- Ink-on-paper impact printer
- Controls at eye level for easy access
- Programmable utilities startup/shutdown
- Water-saving temperature control

Adaptable configurations

- Single Door
- Double Door
- Cabinet Enclosed/Freestanding
- Recessed
- House Steam
- Integral Steam Generator with Flush and Drain
- 208 Volts
- 240 Volts
- 480 Volts

Reliably engineered

- Non-lubricated, steam-activated door gasket with two-year warranty
- Teflon-sleeved shelves with up to 18" clearance
- Easy access modular piping
- Fully jacketed pressure vessel
- 316 L stainless steel construction
- 15-year chamber warranty

Accessories

- Rack/Shelves (16" and 20" units)
- Loading Car/Transfer Carriage (20" only)
- Seismic Tie-Down Kit



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APPLICATION

AMSCO 400 Series Small Steam Sterilizers are designed for sterilization of materials used in healthcare facilities.

The sterilizer is designed for fast, efficient sterilization of heat- and moisture-stable materials in addition to sterilization of items for immediate use. AMSCO 400 small sterilizers are equipped with prevacuum, gravity, leak test and daily air removal test cycles. An optional Steam Flush Pressure Pulse (SFPP) configuration sterilizer adds SFPP cycles.

Each sterilizer is equipped with either a single or double door, for open or recessed mounting.*

* Recess mounting is not available for 16 x 16 x 26" (406 x 406 x 660 mm) double door sterilizers.

DESCRIPTION

AMSCO 400 Series Small Steam Sterilizers are the next advancement in the STERIS line of steam-jacketed sterilizers and are equipped with the latest features in both state-of-the-art technology and ease of use.

Primary Product Features

AMSCO 400 control system with enhanced functionality and user-friendly interface screen.

- Touch-sensitive screen with 30-line x 40-character display area
- Ink-on-paper impact printer
- Help screens for programming and troubleshooting alarm conditions
- Automatic check of control program and cycle data maintains process integrity
- Service reprogrammable flash ROM memory

Vertical sliding door with hands-free loading and unloading capability.



(Typical – details may vary.)

- Foot pedal activated door opening and closing
- Non lubricated, steam-activated door seal
- Modularized vessel and piping** for increased dependability and reduced servicing time.
 - Reduced piping components increase reliability
 - Emergency manual exhaust valve
 - Electronic water saving control

The Selections Checked Below Apply To This Equipment

Size/Type

- 16 x 16 x 26", Prevacuum with Liquid Cycle
- 20 x 20 x 38", Prevacuum with Liquid Cycle
- 16 x 16 x 26", SFPP and Prevacuum with Liquid Cycle
- 20 x 20 x 38", SFPP and Prevacuum with Liquid Cycle

Steam Source

- Building Steam
- Electric Steam¹
 - 208 Volts
 - 240 Volts
 - 480 Volts

Doors

- Single Double

Single Door Mounting

- Cabinet Enclosed/Freestanding
- Recessed

Double Door Mounting

- Recessed through One Wall
- Recessed through Two Walls²

Remote Monitoring

- ProConnect® Response Center (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports)

¹ 16 x 16 x 26" Double Door Sterilizers are not available with electric steam generator.

² Available for 20 x 20 x 38" Double Door Sterilizers only.

Accessories

- Loading Rack and Two Shelves 20 x 20 x 38" (standard on 16 x 16 x 26" sterilizers)
 - Single Door Double Door
- One Intermediate Shelf
 - 16 x 16 x 26" sterilizer
 - 20 x 20 x 38" sterilizer
- Loading Car (20 x 20" units only)
- Transfer Carriage (20 x 20" units only)
- Chamber Track Assembly (20 x 20" units only)
 - Single Door Double Door
- Loading Car, Transfer Carriage, and Track Assembly (20 x 20" units only)
 - Single Door Double Door
- Seismic Tie-Down Kit

Item _____

Location(s) _____

Interior Chamber Dimensions

- 16 x 16 x 26" (406 x 406 x 660 mm)
- 20 x 20 x 38" (508 x 508 x 965 mm)

STANDARDS

Each sterilizer meets applicable requirements of the following listings and standards, and carries the appropriate symbols:

- **ANSI/UL 61010-1**—Standard for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
- **ANSI/UL 61010A-2-041**—Standard for Electrical Equipment for Measurement, Control and Laboratory Use, Part 2: Particular Requirements for Autoclaves using Steam for the Treatment of Medical Materials and Laboratory Processes
- **ANSI/AAMI-ST8:2008** "Hospital Steam Sterilizers" American National Standard
- **ASME Code, Section VIII, Division 1** for unfired pressure vessels. The pressure vessel is so stamped; ASME Form U-1 is furnished. Shell and door are constructed to withstand working pressure of 50 psig (344.7 kPa).
- **ASME Code, Section I, Part PMB** for power boilers, if optional steam generator is supplied.

FEATURES

Rack and shelf design accepts wider loads:

16 x 16" sterilizers – chamber clearance is 12" (304 mm) for intermediate shelves, and 14" (357 mm) for bottom shelf.

20 x 20" sterilizers – chamber clearance is 18" (457 mm) for intermediate shelves, and 15" (381 mm) for bottom shelf.

User-programmable cycle names allow for load specific naming of cycles. These cycle names are displayed and printed in addition to the factory-default cycle type and aid in identifying the proper cycle to be used with a specific load.

Hinged front cabinet panel fully opens for convenient access to sterilizer piping and control.

Software calibration is performed in the Service Mode, accessible through the touch screen displays, and accomplished using external or internal temperature and pressure sources. Control system provides printed record of all calibration data for verification to current readings.

Lighted DIN connectors are installed on all steam, water and exhaust valves for reliability and ease of maintenance.

Steam generator units are equipped with **an automatic flush and drain system**. This system helps the generator to operate at peak performance and extends the life of the heaters.

ProConnect® Response Center - Minimize response time and minimize unscheduled downtime on your equipment. Secure, internet-based, 24/7 remote monitoring enables both Predictive Maintenance as well as instant alert to STERIS when there is an equipment alarm. Also included are priority technical support, online parts ordering, equipment performance dashboards and scheduling service at eservice.steris.com.

UTILITIES CONSERVATION FEATURES

Resistance Temperature Detectors (RTD) are installed for sterilizer temperature control. The chamber drain line RTD senses and controls temperature variations within the sterilizer chamber. A jacket RTD provides temperature control within the jacket space. These RTD signals, converted into electrical impulses, provide accurate control inputs and readouts throughout entire cycle and minimizes utilities usage.

Electronic water saving control includes a condenser RTD to control the amount of water used in condensing the exhausted chamber steam. Control software minimizes amount of water used to cool condensate.

Automatic utilities startup/shutdown may be programmed to activate at the end of any designated cycle or time of day. When activated, control system automatically shuts off all utility valves, conserving steam and water usage. Sterilizer utilities can be restarted either by programmed time or manual operation. A different shutdown and restart time can be programmed for each day.

One-piece insulation sleeve is fitted around exterior of the sterilizer vessel. The sleeve is sealed and held in place by hook-and-loop closures. Fiberglass insulation is asbestos-free and chloride-free. Insulation outer shroud is impregnated with silicone to aid in resisting oil or water and conserves system heat.

PROCESSING CYCLES

All cycles validated to AAMI standard ST8:2008.

Prevacuum Sterilizer Models feature the following cycles:

Immediate Use, Prevac Cycle (4-minute exposure): Cycle type is for sterilizing porous and non-porous loads. Examples – A single unwrapped instrument tray or up to a full load of unwrapped instrument trays, each with a maximum weight of 25 lbs (11 kg).

» Sterilize exposure temperature: 270°F (132°C)

» Sterilize exposure time: 4 minutes

» Dry time: 1 minute

NOTE: Items sterilized for immediate use must be used within the shortest possible time after removal from the sterilizer and must be taken to the sterile field using aseptic transfer protocols.

- *A sterilized item intended for immediate use must not be stored.*
- *An item sterilized for immediate use cannot be held for use on a future case.*
- *The Prevac immediate use cycle is the preferred immediate use cycle. The Gravity immediate use cycle is only safe for simple instruments that contain no hinges or other features that could trap air.*
- *Always refer to instrument manufacturer's instructions for use to determine processing requirements.*

Prevac Cycle (4-minute exposure): Cycle type is for sterilizing porous and non-porous loads. Example – Wrapped 25 lb (11 kg) instrument tray(s) or fabric packs.

» Sterilize exposure temperature: 270°F (132°C)

» Sterilize exposure time: 4 minutes

» Dry time: 30 minutes (full load of instrument trays), 20 minutes (full load of fabric packs) or 5 minutes (Customer option, for a single fabric pack)

Prevac Cycle (3-minute exposure): This cycle is for sterilizing porous and non-porous loads. Example – Wrapped 25 lb (11 kg) instrument trays.

» Sterilize exposure temperature: 275°F (135°C)

» Sterilize exposure time: 3 minutes

» Dry time: 30 minutes

Immediate Use, Gravity Cycle (3-minute or 10-minute exposure): Cycle type is for sterilizing non-porous loads. Example – A single unwrapped instrument tray or up to a full load of unwrapped instrument trays, each with a maximum weight of 25 lbs (11 kg).

- » Sterilize exposure temperature: 270°F (132°C)
- » Sterilize exposure time: 10 minutes or 3 minutes
- » Dry time: 1 minute

See *Note* on previous page regarding immediate use.

SFPP Sterilizer Models also feature the following cycles (in addition to those found on Prevacuum models):

SFPP Cycle (4-minute exposure): This cycle is for sterilizing porous and non-porous loads. Example – A wrapped 25 lb (11 kg) instrument tray.

- » Sterilize exposure temperature: 270°F (132°C)
- » Sterilize exposure time: 4 minutes
- » Dry time: 30 minutes (full load of instruments trays), 20 minutes (full load of fabric packs) or 5 minutes (Customer option, for a single fabric pack)

SFPP Cycle (3-minute exposure): This cycle is for sterilizing porous and non-porous loads. Example – A wrapped 25 lb (11 kg) instrument tray.

- » Sterilize exposure temperature: 275°F (135°C)
- » Sterilize exposure time: 3 minutes
- » Dry time: 30 minutes.

OPTIONAL CYCLES:

The following cycles appear on Prevac and SFPP sterilizers, and can be programmed by the departmental supervisor:

Gravity Cycles:

Full load, non-porous instrument trays.

- » Sterilize exposure temperature: 270°F (132°C)
- » Sterilize exposure time: 15 minutes
- » Dry time: 30 minutes

Full load, non-porous instrument trays.

- » Sterilize exposure temperature: 250°F (121°C)
- » Sterilize exposure time: 30 minutes
- » Dry time: 30 minutes

Full load, fabric packs.

- » Sterilize exposure temperature: 270°F (132°C),
- » Sterilize exposure time: 25 minutes
- » Dry time: 15 minutes

Full load, fabric packs.

- » Sterilize exposure temperature: 250°F (121°C)
- » Sterilize exposure time: 30 minutes
- » Dry time: 15 minutes

Liquid Cycle: This cycle is used for sterilizing liquids in borosilicate containers with vented closures. The 16" sterilizer can process a maximum load of 15 1000 mL containers. The 20" sterilizer can process a maximum load of 32 1000 mL containers.

- » Sterilize temperature: 250°F (121°C)
- » Factory programmed sterilize time: 45 minutes
- » Dry time: not applicable

Important: The liquid cycle is for non-patient contact use only.

PREVACUUM TESTING CYCLES

- **Vacuum Leak Test:** This cycle is used for testing the vacuum integrity of the sterilizer's piping. Sterilizer chamber must be empty while running this test cycle. Temperature: 270°F (132°C); all timing is preprogrammed and cannot be adjusted. This cycle is validated to AAMI standard ST8:2008.
- **DART® (Bowie-Dick) Test Cycle:** This cycle is used to conduct a Bowie-Dick test on the sterilizer. Recommended load is a STERIS Dart® pack, or a properly prepared Bowie-Dick test pack. Sterilize exposure temperature: 270°F (132°C); sterilize exposure time: 3-1/2 minutes; dry time: 1 minute. This cycle is validated to AAMI standard ST8:2008.

CONTROL SYSTEM

Design Features

AMSCO 400 control system monitors and controls all sterilizer operations and functions. The control system is factory-programmed with standard sterilizing cycles. Each cycle is adjustable, and cycle names are user-programmable, to meet specific processing requirements. All control configuring is performed through the touch screen displays.

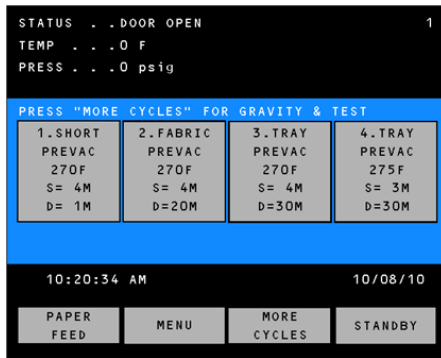
Important: Always refer to instrument manufacturer's instructions for use to determine processing requirements.

Cycle values and operating features may be adjusted and verified prior to cycle operation. Once cycle is started, cycles and cycle values cannot be changed until cycle is complete. On completion of cycle, timers reset to the previously selected values, eliminating the need to reset values between repeated cycles. If chamber temperature drops below set point during the exposure phase, the timer stops and automatically resets once normal operating temperature is reached.

Critical control system components are housed within a compartment to protect the components from moisture and heat generated during sterilization. A cooling fan with filter maintains air flow within the compartment, keeping components cool.

Operator interface control panel, consisting of a touch screen and impact printer, is located on the operating (load or nonsterile) end of the sterilizer. If sterilizer is equipped with double doors, an additional touch screen is provided on the sterilizer's non-operating (unload or sterile) end.

- **Touch-Sensitive Screen** features a 30-line x 40-character graphics display. The control's touch screen color display features a wide viewing angle and high-visibility backlighting. All sterilizer functions, including cycle initiation and cycle configuration, are operated by pressing the touch-sensitive areas on the display, referred to as *buttons*. Display indicates appropriate control buttons, operator prompts, and status messages necessary to assist in sterilizer operation. All displayed messages are complete phrases with no codes to be cross-referenced. Display also indicates any abnormal conditions that may exist either in or out of a cycle.
- **Ink-On-Paper Impact Printer**, located near touch screen, provides an easy-to-read printed record of all pertinent cycle data. Data is automatically printed at the beginning and end of each cycle and at transition points during the cycle. Printer take-up spool stores an entire roll of paper, providing cycle records which can be saved for future reference. Three paper tape rolls are furnished with each unit.



Typical Touch Screen Display

Non-operating end (NOE) control panel, equipped on double-door sterilizers only, includes a touch-sensitive screen similar to the operating end screen. Preprogrammed cycles can be started from the NOE control panel. Display concurrently shows the same information as the operating end screen display.

Cycle configuration is performed by accessing the Change Values menu through the operating end touch screen. In addition to adjustment of cycle values, the following operating parameters can also be changed through the Change Values menu:

- **Time Display and Printout Units** – Standard AM/PM or 24-hour.
- **Access Code** – accessing Change Values menu causes display to request the entry of an access code. If access code is not properly entered, display returns to menu screen, denying user access to the sterilizer programming. Supervisors can allow operators to change chosen cycle and parameters; or lock them out from making any changes.
- **Audible Signals** – are adjustable. **Touch pad** and **end-of-cycle signals** can be adjusted to one of four sound levels (off, low, medium or high) as required for the operating environment. **Alarm signal** can be adjusted to low, medium or high (it cannot be turned off).
- **Print Format** – allows selection of either a full or condensed printout of the cycle information during processing.
- **Temperature Display and Printout Units** – Fahrenheit (°F) or Celsius (°C). Temperature is set, displayed, controlled and printed to the nearest 0.1°. Recalibration is not required when changing temperature units from °F to °C and vice versa.
- **Pressure/Vacuum Display and Printout Units** – psig/In Hg, millibar or psia. Recalibration is not required when changing pressure units.
- **Utilities Control** – This parameter permits the operator to program the sterilizer to automatically shut off its steam and water at the end of the work day, to conserve utilities. It also allows control for shut down and power-up of an integral steam generator.
- **Languages** – This parameter can be used to select English, French or Spanish as the default for displays and printouts. The sterilizer can also be set to allow quick changes between available languages.
- **Machine Number** – This parameter assigns a six-character, alphanumeric code to the sterilizer. This code appears in the heading of all printouts.

- **Automatic Duplicate Print** – Sterilizer can be set to automatically furnish a duplicate printout of each cycle at the end of the cycle. First line reads "DUPLICATE PRINT".

Technical Data

Control system consists of a microcomputer control board and peripheral function circuit boards, located within the control board housing behind the front cabinet service panel above the chamber.

A memory backup system maintains cycle settings indefinitely and current cycle information for approximately five days. If a power failure occurs during a cycle, the battery backup system ensures that cycle memory will be retained and proper cycle completion will occur once power is restored. When power is lost, the cycle is held in phase until power is restored, exceeding the minimum government specification of one minute. Once power returns, the event is recorded on the printout and the cycle automatically resumes or restarts, depending on what phase the cycle was in at the time of power loss. If necessary, the operator can manually abort the cycle.

SAFETY FEATURES

Control senses when door seal is closed and sealed, preventing cycle start until a limit switch signal is received. If control loses appropriate signal during cycle, alarm activates, cycle aborts and chamber safely vents with a controlled exhaust.

Chamber Float Switch activates alarm, aborts cycle, and safely vents chamber with a controlled exhaust if excessive water is detected in the vessel chamber.

Pressure Relief Valve limits the amount of pressure buildup so that the rated pressure in the vessel is not exceeded.

CONSTRUCTION

Shell Assembly

Two fabricated Type 316L stainless-steel shells, welded one within the other, form the sterilizer vessel. Type 316L stainless-steel end frame(s) is welded to door end. On single door units, back of chamber is fitted with welded, 316L stainless-steel formed head.

Sterilizer vessel is ASME rated at 50 psig (3.5 bar) and insulated. Vessel (20 x 20" [508 x 508 mm] units only) includes one 1.0"-NPT welded chamber bushing for Customer use.

Steam-supply opening inside the chamber is shielded by a Type 316L stainless-steel baffle.

Chamber Door(s)

Door is constructed of a single formed piece of Type 316L stainless steel.

During cycle operation, door is sealed by a steam-activated door seal. Door seal is constructed of a special long-life rubber compound. When sterilizer cycle is complete, the seal retracts under vacuum into a machined groove in the sterilizer's end frame. Door seal can be manually retracted to open door and remove critical load in emergency situation if loss of vacuum or loss of power occurs.

Door is suspended by cables attached to a counterweight. Chamber door is opened (lowered) and closed (raised) by pressing a foot pedal located on the same end as the door being operated. In case of a power or mechanical failure, door can be operated manually.

A long-life proximity switch is used by the control to determine if door is closed. An additional seal pressure switch prevents inadvertent cycle initiation if door is not sealed.

The door assembly is equipped with a mechanical locking mechanism that ensures the door cannot be opened as long as the seal is intact and energized and more than 2.0 psi pressure is in the chamber.

The sterilizer door opening is fitted with a textured thermoplastic bezel. This bezel insulates the operator from the chamber end ring, lessening the chance of accidental contact with a hot metal surface.

Chamber Drain System

Drain system is designed to prevent pollutants from entering into the water-supply system and sterilizer. The automatic condensing system converts chamber steam to condensate and disposes condensate to waste. Cooling water flow is regulated by the waste line RTD to minimize water usage. Water supply shutoff valve is located behind the front cabinet service panel under the chamber.

Vacuum System

Water ejector reduces chamber pressure during prevacuum and post-drying phases. Air is drawn from chamber through the vacuum system. Following dry phase, chamber vacuum is relieved to atmospheric pressure by admitting air through a bacteria-retentive filter.

Steam Source

Sterilizers are piped, valved and trapped to receive building-supplied steam delivered at 50 to 80 psig (3.5 to 5.6 bar) dynamic. If building steam source is not available, an electric carbon-steel steam generator may be provided to supply steam to the sterilizer. Steam piping is constructed of brass and includes a shutoff valve, steam strainer, flush system and a brass pressure regulator.

Piping

All piping connections terminate within the confines of the sterilizer and are accessible from front and side of sterilizer.

- **Solenoid Valves** in the manifold with DIN connectors simplify sterilizer piping and can be serviced individually.
- **Manual Shutoff Valves** are pressure rated at 125 psig (8.62 bar) for saturated steam. Valve handles are low-heat conducting.

MOUNTING ARRANGEMENT

Sterilizers are arranged for either freestanding or recessed installation, as specified. Each sterilizer is equipped with a height-adjustable, steel floor stand. Sterilizer subframe is equipped with a synthetic rubber gasket to ensure tight fit between the cabinet panels on freestanding units or between the front cabinet panel and wall partition on recessed units.

On freestanding units, stainless-steel side panels and a louvered top panel enclose the sterilizer body and piping.

ACCESSORY

Seismic Tie-Down Kit - conforms to 2010 California Building Code of Regulations, Part 2.

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost

peak performance. STERIS representatives can provide information regarding annual maintenance agreements.

NOTES

1. The sterilizer is not supplied with a vacuum breaker or backflow preventer and, where required by local codes, installation of such a device in the water line is not provided by STERIS.
2. Pipe sizes shown indicate terminal outlets only. Building service lines (not provided by STERIS), must supply the specified pressures and flow rates.
3. Disconnect switches (with OFF position lockout only; not provided by STERIS) should be installed in electric supply lines near the equipment.
4. Access to the recessing area from the control end of the sterilizer is recommended.
5. Clearances shown are minimal for installing and servicing the equipment.
6. If loading car and carriage are to be used with a 20 x 20 x 38" (508 x 508 x 965 mm) sterilizer, front clearance should be at least 76" (1930 mm). This will permit complete withdrawal of the loading car from the chamber and allow convenient maneuverability of the transfer assembly to and from the sterilizer.
7. Floor drain should be provided within confines of sterilizer framework.

UTILITY REQUIREMENTS

Sterilizer Using House Steam

Steam – 1/2" NPT, 50 to 80 psig (3.5 to 5.6 bar) dynamic, 97 to 100% vapor quality.

Drain – 1-1/2" ODT drain terminal. (Floor drain capacity must handle peak water consumption; refer to Engineering Data.)

Electrical - Controls – 120 Volt, 50/60 Hz, 1-phase, 2.0 Amps

Sterilizer Feed Water – 1" NPT, 30 to 50 psig (2.1 to 3.5 bar) dynamic.

Minimum 40 psig (2.8 bar) for SFPP sterilizers.

Water is used for ejector (creating chamber vacuum), exhaust cooling and cooling the generator drain. Refer to **Table 1** for recommended water quality. Use of feed water within the nominal conditions will optimize equipment performance and reduce maintenance.

NOTE: Backflow prevention (not supplied on unit) is not provided by STERIS.

Sterilizer Equipped with Integral Carbon Steel Steam Generator

Every AMSCO 400 sterilizer equipped with an electric steam generator includes an automatic flush and drain package.

Drain – 1-1/2" ODT drain terminal. (Floor drain capacity must handle peak water consumption; refer to Engineering Data.)

Generator Drain – 1/2" ODT

Electrical - Controls – 120 Volt, 50/60 Hz, 1-phase, 9.5 Amps

Electrical - Generator

208 Volt, 50/60 Hz, 3-phase

83.2 Amps; 240 Volt, 50/60 Hz

3-phase, 72.2 Amps; or 480 Volt

50/60 Hz, 3-phase, 37 Amps

Sterilizer Feed Water – 1.0" NPT, 30 to 50 psig (2.1 to 3.5 bar) dynamic. Refer to **Table 1** for water specification guidelines.

Steam Generator Feed Water – 1/2" NPT, 20 to 50 psig (1.4 to 3.5 bar) dynamic. Refer to **Table 2** for required water quality. Use of feed water within the nominal conditions will optimize equipment performance and reduce maintenance.

NOTE: Backflow prevention (not supplied on unit) is not provided by STERIS.

Telecommunications Requirements for ProConnect® Response Center

- An active wired or wireless TCP/IP network, 10/100BaseT Ethernet connection at each piece of connected equipment, Internet access and an IP address on the facility network.
- 5 GB of available hard drive space to run the service agent. Can be installed on:
 - » Dedicated PC running Windows XP or Windows 7 (32-bit mode only) with 2.8GHz processor, 512MB of RAM
 - » Virtual Machine
 - » Server
- Local STERIS login at the PC with a username of STERIS and the password should be ProConnect (STERIS Customer Number).
- Ethernet cable to connect each piece of STERIS equipment and the dedicated PC to the facility network.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

Table 1. Recommended Feed Water Quality for Sterilizers

Condition	Nominal Conditions	Maximum Conditions
Temperature	40°-60°F (4°-16°C)	70°F (21°C)
Total Hardness as CaCO₃¹	50-120 mg/L	171 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO₃	70-120 mg/L	180 mg/L
pH	6.8-7.5	6.5-8.5
Total Silica	0.1 - 1.0 mg/L	2.5 mg/L

1. 17.1 mg/L = 1.0 grain hardness

Table 2. Required Feed Water Quality for Carbon-Steel Steam Generators

Condition	Nominal Conditions	Maximum Conditions
Temperature	140°F (60°C) ¹	140°F (60°C)
Total Hardness as CaCO₃²	0-17 mg/L	130 mg/L
Total Dissolved Solids	50-150 mg/L	250 mg/L
Total Alkalinity as CaCO₃	50-100 mg/L	180 mg/L
pH	6.8-7.5	6.5-8.5
Total Silica	0.1 - 1.0 mg/L	2.5 mg/L
Resistivity - ohms/cm³	2000-6000	26000

1. For optimal operation. Water provided at lower temperatures will lengthen cycle times.

2. 17.1 mg/L = 1.0 grain hardness

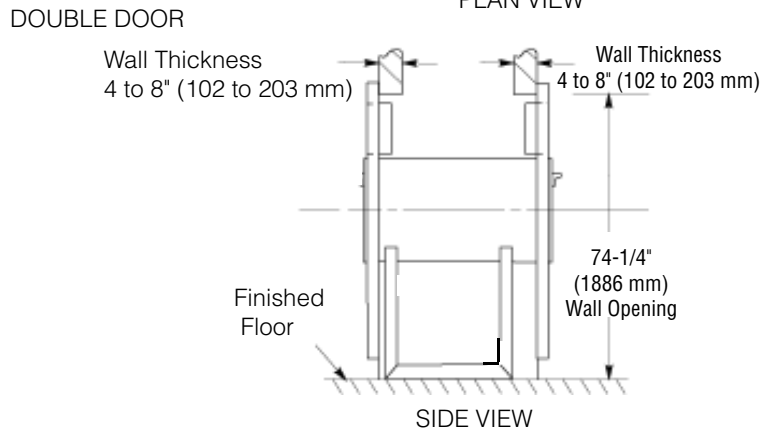
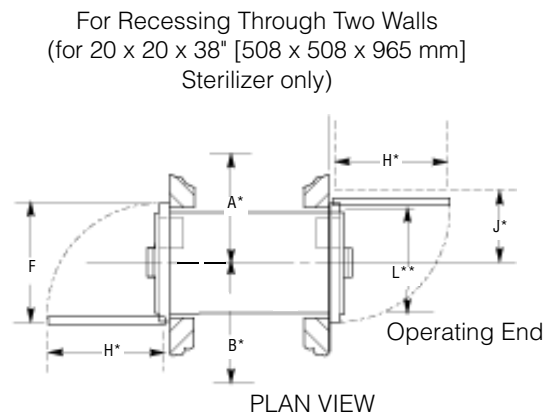
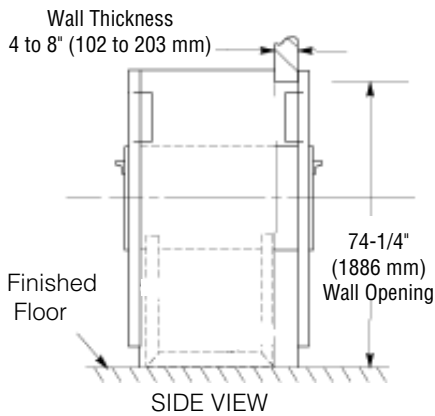
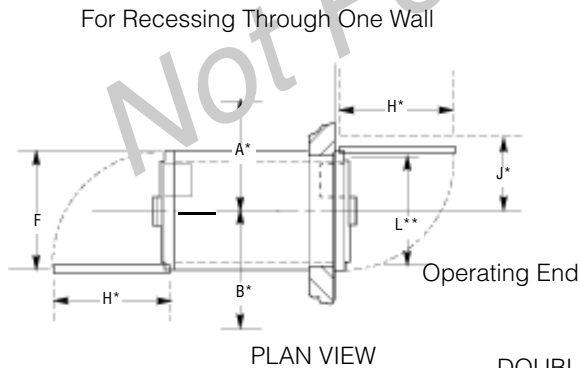
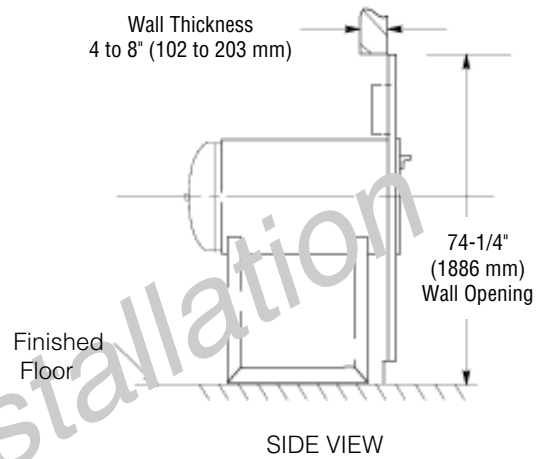
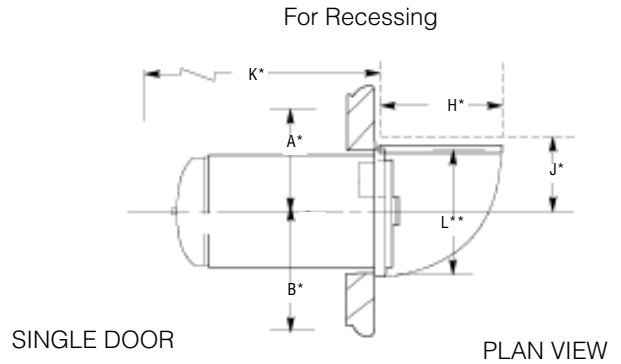
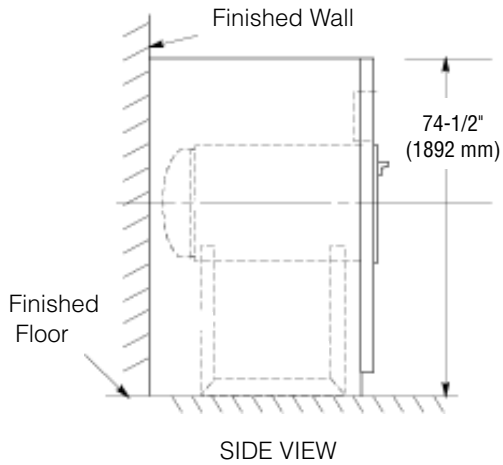
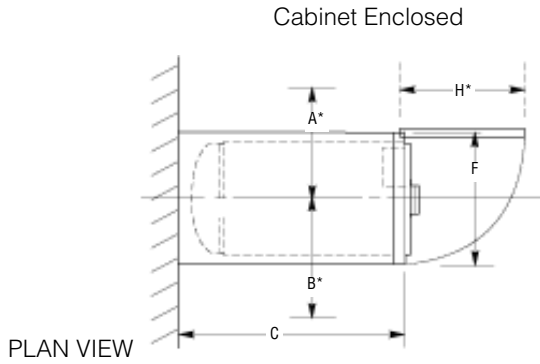
3. **WARNING – BURN HAZARD:** Sterilizer operator may be severely burned by scalding water if the water level control malfunctions. The steam generator level control may malfunction if the supply water exceeds 26,000 ohms/cm (38.5 micro-mhos conductivity min.). Do not connect to treated water (e.g., distilled, reverse osmosis, deionized) unless water resistivity is determined to be acceptable. If water exceeds 26,000 ohms/cm, contact STERIS Service Engineering for information concerning modifications required to the generator control system.

CHAMBER SIZES	DIMENSIONS - inches (mm)							
	A ¹	B ^a	C	F	H ^a	J ^a	K ^a	L ²
16 x 16 x 26 (406 x 406 x 660)	25 ³ (635)	30 (762)	35-3/4 (908)	26 (660)	25-1/2 (646)	18 (457)	40 (1016)	24-1/8 ± 1/4 (613 ± 6)
20 x 20 x 38 (508 x 508 x 965)	27 ^c (686)	32 (813)	45-1/8 (1146)	30 (762)	29-1/2 (747)	20 (508)	52 (1321)	28-1/8 ± 1/4 (714 ± 6)

1. Minimum Service Clearance

2. Wall Opening

3. If recessed through one wall and using house steam:
 18" (457 mm) for 16 x 16 x 26" unit
 20" (508 mm) for 20 x 20 x 38" unit



Refer to the Following Equipment Drawings for Installation Details

Equipment Drawing Number	Equipment Drawing Title
129394-044	16 x 16 x 26", single door, cabinet enclosed with steam heat
129394-045	16 x 16 x 26", single door, recessed one wall with steam heat
129394-046	16 x 16 x 26", single door, recessed one wall with electric heat
129394-047	16 x 16 x 26", single door, cabinet enclosed with electric heat
129394-048	16 x 16 x 26", double door, recessed one wall with cabinet and steam heat
129394-049	20 x 20 x 38", single door, cabinet enclosed with steam heat
129394-050	20 x 20 x 38", single door, recessed one wall with steam heat
129394-051	20 x 20 x 38", double door, recessed one wall with cabinet and steam heat
129394-052	20 x 20 x 38", double door, recessed two walls, with steam heat
129394-053	20 x 20 x 38", single door, cabinet enclosed with electric heat
129394-054	20 x 20 x 38", single door, recessed one wall with electric heat
129394-055	20 x 20 x 38", double door, recessed one wall with electric heat and cabinet
129394-056	20 x 20 x 38", double door, recessed two walls with electric heat

ENGINEERING DATA

SIZE in (mm)	Heating	MAXIMUM OPERATING WEIGHT ¹ lbs (kg)		HEAT LOSS ² BTU/hr at 70°F (21°C)						
				Single Door			Double Door			
		Single Door	Double Door	Cab't Enc	Recessed		Recessed One Wall		Recessed Two Walls	
				To Room	Front of Wall	Back of Wall	Front of Wall	Back of Wall	At Each End	Between Walls
16 x 16 x 26 (406 x 406 x 660)	Steam	750 (340)	989 (449)	4300	1600	2700	1600	3700	N/A	N/A
	Electric	890 (404)	N/A	6050	2300	3750	N/A	N/A	N/A	N/A
20 x 20 x 38 (508 x 508 x 965)	Steam	1230 (558)	1606 (728)	7000	2500	4500	2500	5300	2500	4500
	Electric	1371 (622)	1726 (782)	8750	3300	5600	3300	6300	3300	6300

1. Based on chamber fully loaded with water flasks.

2. At 70°F (21°C).

SIZE in (mm)	Heating	UTILITIES CONSUMPTION ¹											
		Water ²								Steam			
		Cold				Hot ³							
		Peak gpm (lpm)	Maximum Usage ¹ gal/cycle (l/cycle)	Average Usage gal/cycle (l/cycle)	Gal/lb (l/kg)	Idle gph (lph)	Peak gpm (lpm)	Per Cycle gal/cycle (l/cycle)	Idle gph (lph)	Peak ⁴ lb/hr (kg/hr)	Per Cycle lb/cycle (kg/cycle)	Lb (kg)/ lb Instr.	Idle lb/hr (kg/h)
16 x 16 x 26 (406 x 406 x 660)	Steam	15 (57)	135 (511)	87 (329)	2.7 (10.2)	12 (45)	N/A	N/A	N/A	158 (72)	20 (9)	0.4 (0.18)	7 (3)
	Electric						1 (4)	3 (11)	1 (4)	N/A	N/A		N/A
20 x 20 x 38 (508 x 508 x 965)	Steam	15 (57)	175 (662)	121 (458)	2.3 (8.7)	12 (45)	N/A	N/A	N/A	158 (72)	42 (19)	0.56 (0.25)	9 (4)
	Electric						1 (4)	5 (19)	1 (4)	N/A	N/A		N/A

1. Data is based on 270°F (132°C), 4 minute sterilize, 30 minute dry cycle, processing 25 lb (11kg) instrument trays, maximum load in chamber.

2. Backflow preventer device in water line, when required by local codes, is installed by others.

3. Hot water recommended for units equipped with electric steam heat.

4. Peak steam demand (lbs/hr) may vary depending on operating conditions.

For further information, contact:

STERIS[®]



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More Cleaning Power & Protection

Caviwave™ Ultrasonic Cleaning Family

Caviwave
Cleaning System



NEW!
Caviwave Pro
Cleaning System



Caviwave Ultrasonic Cleaning Systems provide more cleaning power, more protection and more flexibility for your unique instrument processing needs. The Caviwave line offers cleaning options for everything from delicate ophthalmic instruments to heavy orthopedic sets to valuable *da Vinci*® 8mm and 5mm *EndoWrist*® Instruments.

The powerful **132 kHz transducers** deliver three times the frequency of the industry standard 40 kHz transducer. This micromechanical scrubbing action efficiently cleans both hard-to-reach internal passages and heavily soiled external surfaces, providing reassurance that your instruments were thoroughly cleaned and protected.

Caviwave™ Ultrasonic Cleaning Systems

Efficient Cleaning

The Caviwave Ultrasonic Cleaner (single bay) and Ultrasonic Console (dual bay) were designed to handle many types of surgical instruments:

- lumened (canulated) instruments
- heat-sensitive instruments
- delicate ophthalmic instruments to heavy orthopedic sets



Automated lift elevator



Toe touch cycle start



Lumened device flush



Preprogrammed cycles



Automated Processing

Preprogrammed cycles are easy to use and provide consistency of cleaning even for the hard to see or hard to reach areas.

- automated load/unload elevator provides ergonomic tray loading
- toe touch control provides hands-free cycle start
- automatic fill maintains water level and quality
- automatic drain helps increase productivity
- lumen flushing is more effective than only manual brushing
 - port flushing: canulated instruments with ports
 - reverse port flushing: instruments without ports



Original Caviwave Cleaner



Original Caviwave Console

NEW!

Caviwave™ Pro Ultrasonic Cleaning System

With CaviClean technology

More Peace of Mind

With Caviwave Pro, you get all of the benefits of the original Caviwave model, plus the added capability of cleaning valuable *da Vinci* 8mm and 5mm *EndoWrist* instruments and accessories:

- Caviwave Pro systems include a validated cycle for automated processing of both *da Vinci EndoWrist* Instruments and accessories
- automated cycle provides reliable, repeatable cleaning performance
- minimizes labor-intensive manual cleaning of *da Vinci EndoWrist* Instruments and Accessories
- automatically flushes*, cleans, lubricates and dries** *da Vinci EndoWrist* Instruments and Accessories

Our process has been independently tested and validated in partnership with Intuitive Surgical to meet the benchmarks established by AAMI TIR 30:2003 and AAMI TIR12:2004.



Easy-to-use control panel



Up to 35 lb. of regular instruments



Lumened instruments



da Vinci EndoWrist instruments

CaviClean Technology

The patented **CaviClean Technology** found in Caviwave Pro Ultrasonic systems, developed after extensive research, is a simultaneous multi-frequency design that creates optimal ultrasonic action and noise reduction.

CaviClean Technology:

- Combines:
 - Large bubbles with soil-removing power
 - Small bubbles with good penetration capability
- Includes automated cycles that wash, rinse, dry and lubricate
- Provides complete coverage of all surfaces (internal and external)
- Removes film and small particles



New Caviwave Pro Cleaner



New Caviwave Pro Console

*Flushing not required for *EndoWrist* accessories. **Caviwave Pro console only.

More Cleaning Power

From the powerful 132 kHz transducers in the Caviwave Cleaner and Console to the patented CaviClean Technology of the Caviwave Pro Cleaner and Console, STERIS provides the optimal ultrasonic performance you need.



Caviwave Cleaner



More Protection

Prolystica cleaning chemistries are formulated to be tough on soil but gentle on instruments. This detergent removes bioburden and protects the passivation layer of your stainless steel instruments.

After the instruments have been cleaned and dried, we go even further by adding lubricant during the rinse phase to help protect your surgical instruments.



Caviwave Console



More Environmentally Friendly

Each Caviwave Ultrasonic cleaning system uses an efficient water recovery system that allows rinse water to be reused for up to 12 cycles, drastically reducing the amount of water used by the system.

Caviwave systems also use an environmentally friendly chemistry. From the small recyclable packaging to the biodegradable ingredients, Prolystica Enzymatic chemistry is gentle on the environment.



New Caviwave Pro Cleaner

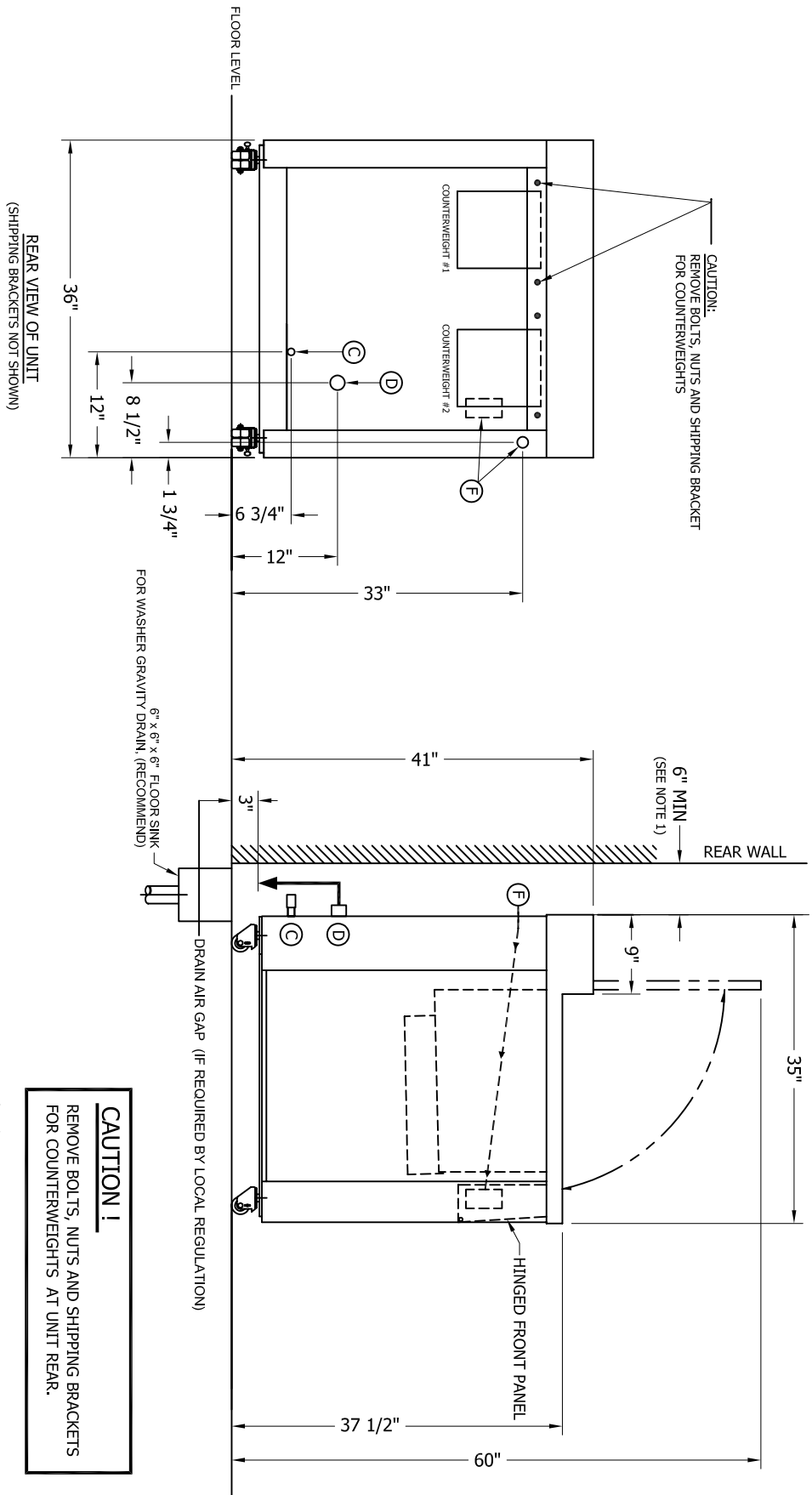
Visit www.steris.com to see a video of the Caviwave Pro Ultrasonic Cleaner in action.



New Caviwave Pro Console

da Vinci and *EndoWrist* are registered trademarks of Intuitive Surgical, Inc.





UTILITY CONNECTIONS:

C - HOT TAP WATER, 1/2" FPT (Female Pipe Thread) CPVC
 D - GRAVITY DRAIN, 1 1/4" CPVC PIPE
 F - POWER CONNECTION:
 Route through opening at F to the terminal block located behind the hinged front panel.

CAUTION!
 REMOVE BOLTS, NUTS AND SHIPPING BRACKETS FOR COUNTERWEIGHTS AT UNIT REAR.

NOTES:

1. SEE DOCUMENT: INSTALLATION SPECIFICATIONS AND UTILITY REQUIREMENTS
2. ALL UTILITIES LOCATION DIMENSIONS ARE ± 1"
3. LOCK ALL CASTERS AFTER INSTALLING THE UNIT IN PLACE

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)		CAVITAVE ULTRASONIC CLEANER - 20W		EQUIPMENT DRAWING NO. 136825-062	
APPLICABLE TO EQUIPMENT MODELS DWG. NO. 62941-091		GENERAL INSTALLATION LAYOUT DWG.		ITEM LOCATION(S)	
STERIS STERIS Corporation Mentor, OH		SHIT. 1 OF 3			



Caviwave Cleaner - 20W INSTALLATION SPECIFICATIONS & UTILITY REQUIREMENTS

(Steris Part Number: CR12)

Installation Specifications:

1. The installation of the STERIS Sonic Washer must meet all Federal, State and Local regulations.
2. Installation specification is listed as Engineering and Installation Guides.
Referenced components and service connections are not furnished unless under written agreement with STERIS.
3. STERIS assumes no responsibility for changes made necessary through failure to observe the specifications on Equipment Drawing and notes. Specifications and descriptions are subject to change without notice.

Shipping Dimensions and Weight:

1. Shipping Container Dimensions : 44" x 46" x 55"
2. Approximate Washer and Container Shipping Weight: 800 lbs
3. Washer Outer Dimensions : 36" x 35" x 41"

Environmental Parameters:

1. Approximate Washer Operating Weight - 700 lbs
(Unit weight + 20 gallons water + 35 lbs loaded instrument tray)
2. Approximate Heat Dissipated from Washer - 275 Btu
3. Approximate Washer Operational Noise Level - 67 to 75 dB
4. Washer Environment Range
 - Ambient Room Temperature - 50 °F (10 °C) to 105 °F (40 °C)
 - Room Relative Humidity - 30% to 75%
 - Room Atmospheric Pressure - 20.6 "Hg (700 mBar) to 31.3 "Hg (1060 mBar)
5. Service Clearance Considerations
 - Unit is on casters; removable panels are located on all sides
LOCK ALL CASTERS AFTER INSTALLING THE UNIT IN PLACE
 - Clearance on front side of unit should be depth of unit plus 24 inches to allow unit to be moved out for servicing.
6. THE GAP BETWEEN THE BACK OF THE UNIT AND THE WALL (6" MIN) DEPENDENT
IN DEPTH ON THE PIPING AND CONNECTOR SYSTEMS EMPLOYED IN THE UTILITY CONNECTIONS.

Plumbing Utility Requirements:

1. Hot Tap Water

- 25 to 50 PSI (1.03 to 3.45 Bar) 100 to 120 °F (38 to 49 °C)
- 1/2" FPT (Female Pipe Thread) CPVC

2. Drain

- Gravity Drain, 10 GPM maximum flow, 120°F (49 °C) Maximum water temperature
- 1-1/4" CPVC Pipe

Note: See Equipment drawing for Drain plumbing instructions

6. Piping Installation Preparation

- Washer hook up piping should be performed by certified plumbing contractor in accordance to local codes.
RECOMMEND USING FLEXIBLE UTILITY CONNECTIONS - IF ALLOWED BY APPLICABLE CODE.
(NECESSARY TO ALLOW UNIT TO BE MOVED FOR SERVICING).
 - Always blow down facility water and air lines before final connection to washer.
 - The washer is not supplied with a vacuum breaker or backflow preventer, and where required by local codes, installation of such a device in the water lines is by others.
 - STERIS does not provide piping components from washer to facility water or air utility piping source.
 - Facility water and air shut off valves must be nearby and within sight of the washer.
 - Shut off valves should be installed and labeled per facility plumbing guidelines.
 - Threaded water disconnects required;
- Unit must be disconnected from facility piping when servicing washer from back side.

Electrical Utility Requirements:

1. Nameplate Data

- Verify unit voltage configuration prior to installation
- Check unit Nameplate data tag at time of installation

2. Electrical Power Requirements

- The standard **Caviwave Cleaner-20W** configuration will operate on **208 V 50/60 Hz Three Phase** with earth ground and neutral (5-wire) - **16.3 Amps**.
- The standard **Caviwave Cleaner-20W** configuration can be field wired to operate on **Single Phase 208 V 50/60 Hz** with earth ground and neutral (4-wire) – **19.6Amps**.
Note: Connect L1 to washer 1L1 & 1L2, L2 to washer 1L3, and N to N.

- The standard **Caviwave Cleaner-20W** configuration requires factory installed option **CR12-11** to operate on **220-240 V 50/60 Hz Single Phase** with earth ground and without neutral (3-wire) - **26 Amps**.

IMPORTANT NOTE: The **CR12-11 220/230/240V** option must be factory installed. It is not available as a field installed kit. Neutral wire connection above 220 V is not an available factory wiring configuration.

3. Electrical Disconnect Switch Box

- Facility electrical disconnect box must be nearby and within sight of the washer.
- Box should be installed to allow operator access and labeled with washer identification per facility guidelines.

4. Electrical Circuit Breaker Box Recommendations

- UL listed file E2875 & 154828 or comparable circuit breaker recommended.
- Circuit breaker should be **208/240V 30 Amp** rated with lockable disconnect switch.

5. Electrical power connection to washer

- A grounding conductor must be connected to protective earth conductor terminal of the main control panel to provide the system with a proper earth ground. This conductor must be green or green with a yellow stripe and should be sized as follows - **Minimum 10 AWG rated 90 °C**
- The power supply connections must be connected through a proper disconnecting device to terminals 1L1, 1L2, 1L3, and N.
- Route power cable through F (see drawing) to terminal block located behind the hinged front panel.
- **The system is designed to accept either 208 V 50/60 Hz, 3 Phase with Neutral or 208 V 50/60Hz 1 Phase with Neutral (with jumper for 1Phase installed).**
- The 220-240 V factory installed wiring option utilizes an isolation transformer.
No connection required for Neutral.

6. Electrical Power Cord/Cable Specifications

- **Cable from washer to electrical switch box should be hard wired; plug and receptacle connection is not recommended.**
- **Power cord must be UL817 Compliant Green/Yellow conductors may only be used for connection to protective earth ground conductor terminals**
- **Always follow local electrical codes and safety-related work practices for wiring**
- **Power cable must allow unit to be moved away from the wall for servicing.**

7. Electrical Installation Preparation

- Electrical wiring should be performed by certified electrical contractor in accordance to local codes.
- STERIS does not supply the electrical disconnect box.
- STERIS does not supply electrical power cord, or cable from washer to electrical disconnect box.

APPLICATION

The Caviwave Sonic Cleaner is designed to thoroughly wash (remove tissue, blood and other contaminants) instruments prior to final disinfection and sterilization. The Caviwave Ultrasonic System's compact design makes it suitable for use in the Operating Room, Central Supply or other high volume area to process pre-cleaned instruments.

DESCRIPTION

The Caviwave Ultrasonic Cleaning System Sonic Cleaner is a freestanding instrument washer supplied in a compact stainless-steel cabinet. The Sonic Cleaner contains all needed components to effectively clean (utilizing ultrasonic cavitation passing through a detergent-balanced wash solution) surgical instruments prior to disinfection and sterilization.

The Sonic Cleaner is equipped with an automatic opening lid and load elevator for easy and safe instrument loading.

STANDARDS

The Caviwave Ultrasonic Cleaning System meets the applicable requirements of the following standards:

- **EMC Directive 89/336/EEC, 92/31/EEC, 93/68/EEC.**
- **Low Voltage Directive 73/23/EEC, 93/68/EE.**
- **ETL Listed.**
- **Underwriters Laboratories (UL) Standard 61010-1.**
- **Underwriters Laboratories (UL) Standard 61010A-2-010.**
- **Canadian Standards Association (CSA) Standard C22.2 No. 61010-1.**
- **Canadian Standards Association (CSA) Standard C22.2 No. 61010-2-010.**



(Typical only - some details may vary.)

FEATURES

The Caviwave Ultrasonic Cleaning System Sonic Cleaner is wired for operation on either 208 V (60 Hz, three phase or single phase), or 240 V, 60 Hz, single phase voltage. Unit can be configured for single phase. STERIS supplies all components necessary to obtain a complete working unit ready for (but not including) installation and connection to facility service lines. The Sonic Cleaner includes the following features:

Optimum Ultrasonic Cleaning Power is ensured by constant power output generators operating at 132 kHz and complemented with complex resonance frequencies to ensure lock-box cleaning efficiency. The generators are mounted with individual slide out modules for ease of service. Also, patented ceramically-enhanced transducer modules are bonded to the wash tank providing maximum energy transmission for instrument cleaning.

Automatic Lid and E-Z Load Tray Elevator improve safety and increase instrument loading ease. E-Z Load Tray Elevator is positioned at a convenient working height and is oriented laterally for ease of loading heavy instrument trays.

Port Flushing System processes up to six rigid lumened surgical devices with both ultrasonic energy and internal flushing.

The Selections Checked Below Apply To This Equipment

VOLTAGES

- 208 V, 60 Hz, 3 ph (Standard)
- 208 V, 60 Hz, 1 ph
- 240 V, 60 Hz, 1 ph

ADDITIONAL TANK SIZES

- 11-gal (42 L) Tank
- 15-gal (57 L) Tank
- 20-gal (76 L) Tank

ACCESSORIES

- Seismic Design
- Additional Port Flushing Kit
- Additional Port Flushing Tray
 - 11-gal (42 L) Tray
 - 15-gal (57 L) Tray
 - 20-gal (76 L) Tray

Item _____

Location(s) _____

Illuminated Main Controls include power ON/OFF, automatic fill, drain alert with cycle counter, adjustable wash cycle timer, drain actuator and lid actuator.

Locking Caster Wheels are supplied for ease of Caviwave Ultrasonic Cleaning System Sonic Cleaner movement. The four caster wheels add 2" (51 mm) to total Sonic Cleaner height.

Large Capacity Process Tank accepts a large variety of instrument trays. One instrument tray is included with each unit. Tank weight capacity is as follows:

- **11-gal (42 L) tank holds 22 lb (10 kg) of instruments.**
- **15-gal (57 L) tank holds 22 lb (10 kg) of instruments.**
- **20-gal (76 L) tank holds 35 lb (16 kg) of instruments.**

Automatic Pushbutton Ultrasonic Drain with drain indicator light and built-in counter to provide wash cycle number tracking, alerts operator when ultrasonic tank needs drained. Adjustable cycle drain count preprogrammed to 12 cycles.

Toe Touch Control lowers the instruments into the cleaning solution and starts the processing cycle. When cycle is complete, the lid automatically opens and instrument tray is raised to unload position.

Safety Interlocks and Controls are provided to ensure complete operator safety.

Front and Side Service Access Panels are supplied on the unit for ease of any maintenance procedures. Access doors are scratch and dent resistant and sound dampened. Front doors have automatic power cut-off feature to protect components when doors open.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning our annual maintenance program. Under the terms of the program, preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and help minimize untimely or costly schedule interruptions. STERIS maintains a worldwide staff of

well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training and expert repair services. Contact STERIS for details.

NOTES

1. Pipe sizes shown indicate terminal outlets only. Building service lines (not provided by STERIS) must supply the specified pressures and flow rates.
2. STERIS recommends that a dedicated, grounded electrical circuit be provided for each unit. Extension cord and plug use is not recommended.
3. Approximate net weight:
 - » Model CR101: 425 lb (193 kg).
 - » Model CR115: 425 lb (193 kg).
 - » Model CR12 : 500 lb (227 kg).
4. Sonic Cleaner must be mounted on a hard, level surface.
5. Caviwave Sonic Cleaner is manufactured for STERIS by Crest Ultrasonics.

UTILITY REQUIREMENTS

Refer to equipment drawing for installation details and specifications.

Electrical

208 or 240 V, 60 Hz, 1-Phase (4 Wire) or 3-Phase (5 Wires including Neutral and Ground)

Drain

1-1/4" NPT CPVC Male Slip (trap and waste lines are not provided by STERIS).

Hot Water

1/2" NPT CPVC Male Slip (15-50 psi); 100-120°F (38-49°C).

The base language of this document is ENGLISH. Any translations must be made from the base language document.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND

TECHNICAL DATA

MODEL	POWER REQUIREMENTS (Amps)†			SONIC POWER (Watts)	SHIP WEIGHT	TANK FLUID CAPACITY	HEAT LOSS (BTU)	TRAY SIZE L x W x D*
	208 V		240 V					
	1 PH	3 PH	1 PH					
CR101	13.2	9.9	12.9	750	571 lb (259 kg)	11 gal (42 L)	210	20 x 10-1/2 x 3-1/2" (508 x 267 x 89 mm)
CR115	13.2	9.9	12.9	1000	699 lb (317 kg)	15 gal (57 L)	225	20 x 13-1/2 x 3-1/2" (508 x 343 x 89 mm)
CR12	19.6	16.3	19.8	1000	815 lb (370 kg)	20 gal (76 L)	275	24 x 13-1/2 x 3-1/2" (610 x 343 x 89 mm)

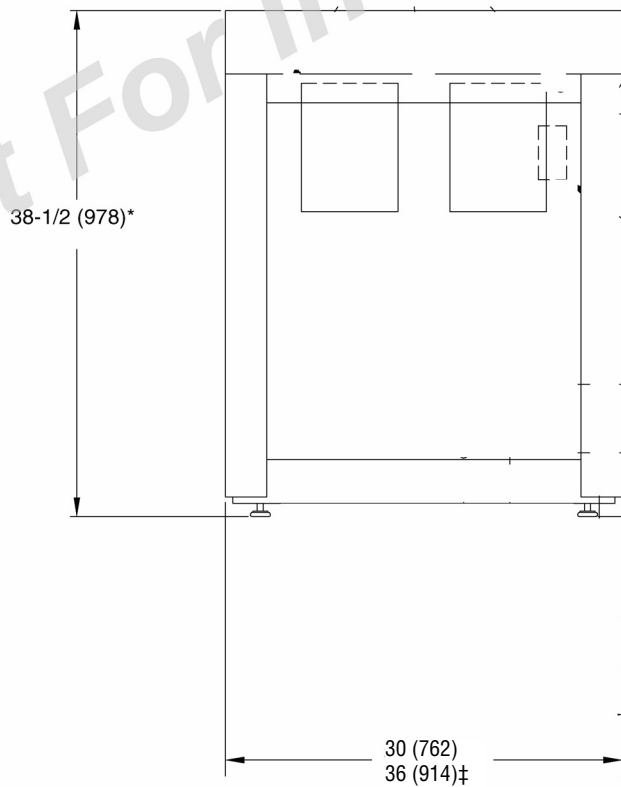
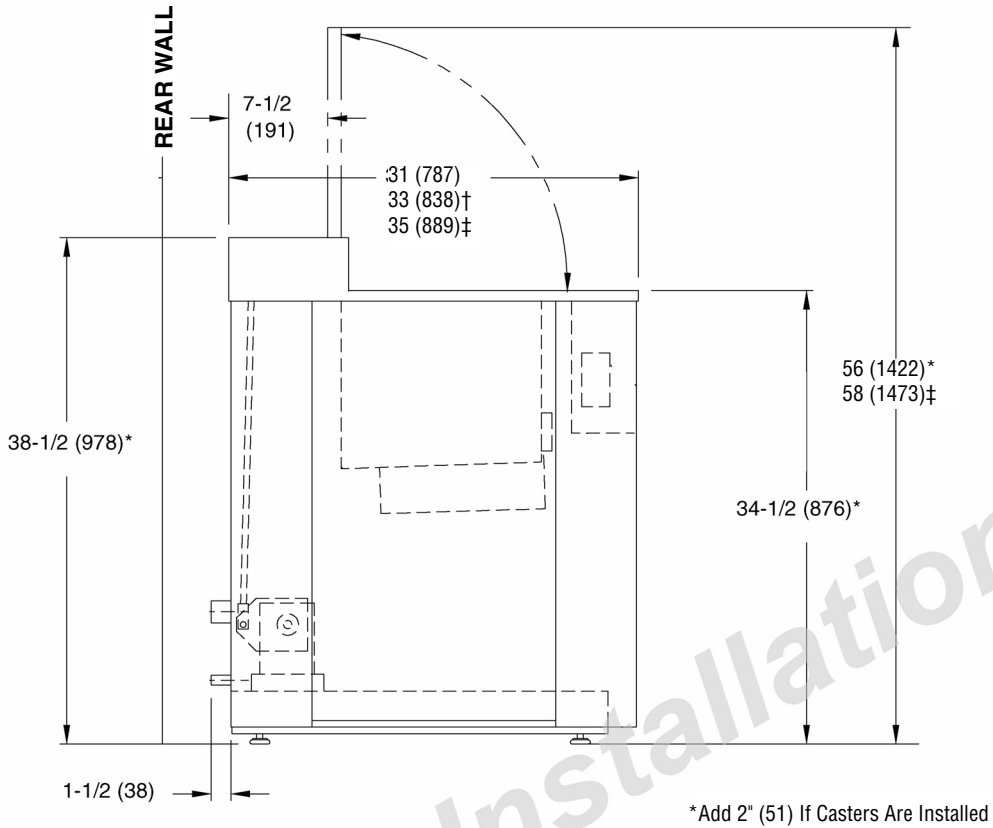
*Maximum tray size

†Amp value is actual current drain. Disconnect should be at least 25% more. See **Technical Data**.

Request Equipment Drawings for Installation Details

Dimensions are typical –
drawing is not to scale.

Dimensions are inches (mm)



† = 15 gal
‡ = 20 gal

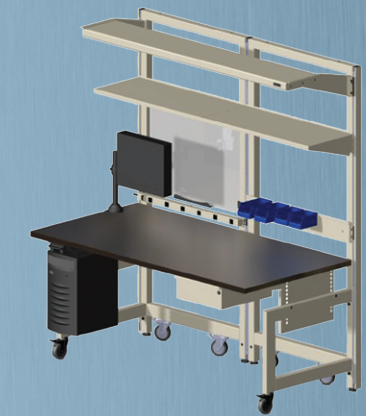
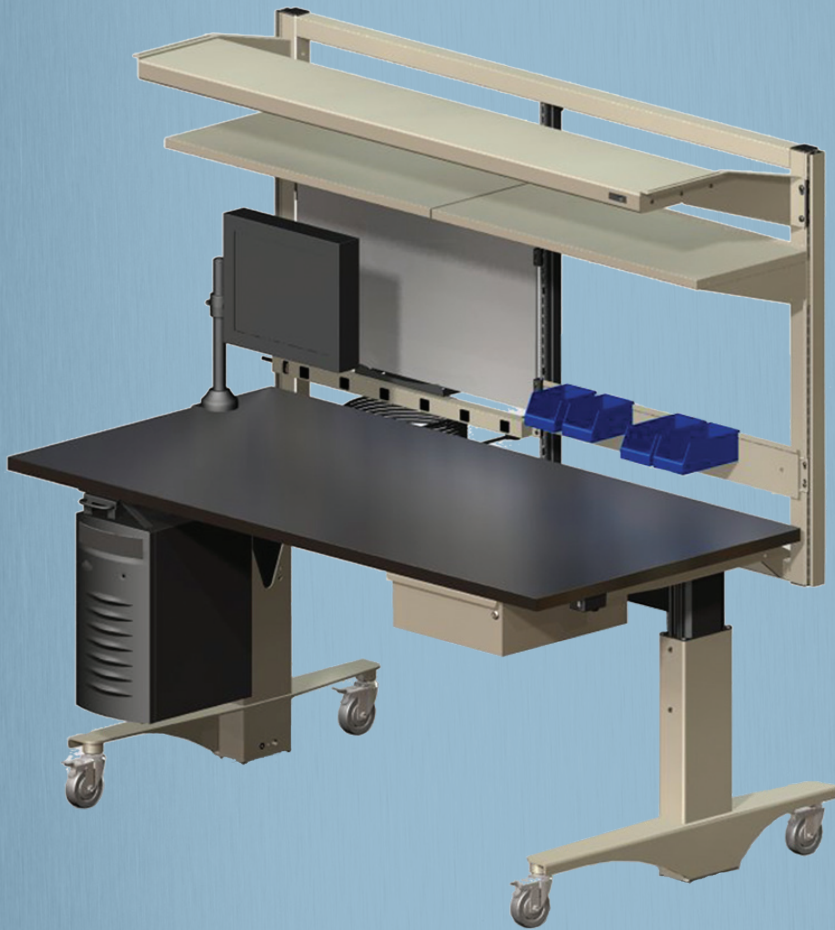
For Further Information, contact:

STERIS®



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www.steris.com

Prep and Pack Workstations from STERIS | Ergonomic, Innovative and Flexible



ERGOSTATS

ULTRA FRAMES

WORKTABLES

CARTS

One size does not fit all. Whether you're short or tall, seated or standing, STERIS has an ergonomic workstation to meet your needs. With the risk of high cost and lost-time back injuries, it has become increasingly important to protect your workers from overexertion. We designed STERIS prep and pack workstations to facilitate a healthy posture, to organize your space, and to maximize your productivity.

You now have the option of four workstations based on your activity-level:

- > **Basic Worktable** – basic work surface option for wrapping sets. Available with electric or manual height adjust.
- > **ErgoStat** – deluxe option for assembling instrument sets and organization. Available with electric height adjust.
- > **Ultra Frame Single** – space saving option for assembling instrument sets and organization. Available with manual height adjust.

- > **Ultra Frame Double** – positioned back-to-back for space savings; manual height adjust.
- > The “**Deluxe**” version of the ErgoStat and Ultra Frame can accommodate instrument tracking hardware such as computers, flat-screen monitors, keyboards and scanners.

All prep and pack workstations are constructed with durable, easy-to-clean stainless steel surfaces. And, with a wide-variety of accessories, you can customize your table to best suit your workflow. Lastly, built-in wheels allow you to easily move the table where you want it, when you want it.

Prep and Pack Workstations are not built the same. Say goodbye to your old boring tables and upgrade to STERIS prep and pack workstations. Your employees will thank you!

ERGOSTAT PREP & PACK WORKSTATIONS



ULTRA FRAME SINGLE PREP & PACK WORKSTATION

CG54



ERGOSTAT ELECTRIC STANDARD

ERGOSTAT ELECTRIC DELUXE



CG55

CG56



ULTRA FRAME STANDARD

QTY	DESCRIPTION	STANDARD	DELUXE
1	Stainless Steel Surface, 36" d x 72" w	✓	✓
1	ErgoStat Base, Electric, Casters, 45" d x 72" w	✓	✓
1	ErgoStat Riser Frame	✓	✓
2	ErgoStat Riser Frame End Covers	✓	✓
1	ErgoStat Riser Spine	✓	✓
2	Multi-function Shelf, 15" d x 36" w	✓	✓
1	Electrical Plug Strip, 15 amp	✓	✓
1	Task Drawer, Suspended, 1 Box	✓	✓
1	Vertical CPU Holder		✓
1	Bin Rail		✓
1	Akro Bins (5 Pack)		✓
1	Cantilever Light Bracket		✓
1	High Performance Task Light, 2 Bulb		✓
1	Magnetic White Board		✓
1	Flat Screen Arm, Surface Mount		✓

See back page for optional accessories. Optional sizes available.

QTY	DESCRIPTION
2	Ultra Frames, Casters, 36" d x 72" w x 80" h
2	C Leg Supports, Casters
2	B Support Brackets
1	Stainless Steel Surface, 36" d x 72" w
2	Multi-function Shelf, 15" d x 36" w
1	Electrical Plug Strip, 15 amp
1	Task Drawer, Suspended, 1 Box
1	Vertical CPU Holder
1	Bin Rail
1	Akro Bins (5 Pack)
1	Cantilever Light Bracket
1	High Performance Task Light, 2 Bulb
1	Magnetic White Board
1	Flat Screen Arm, Surface Mount
1	Flat Screen Arm, Surface Mount

See back page for optional accessories. Optional sizes available.

MOBILE CART

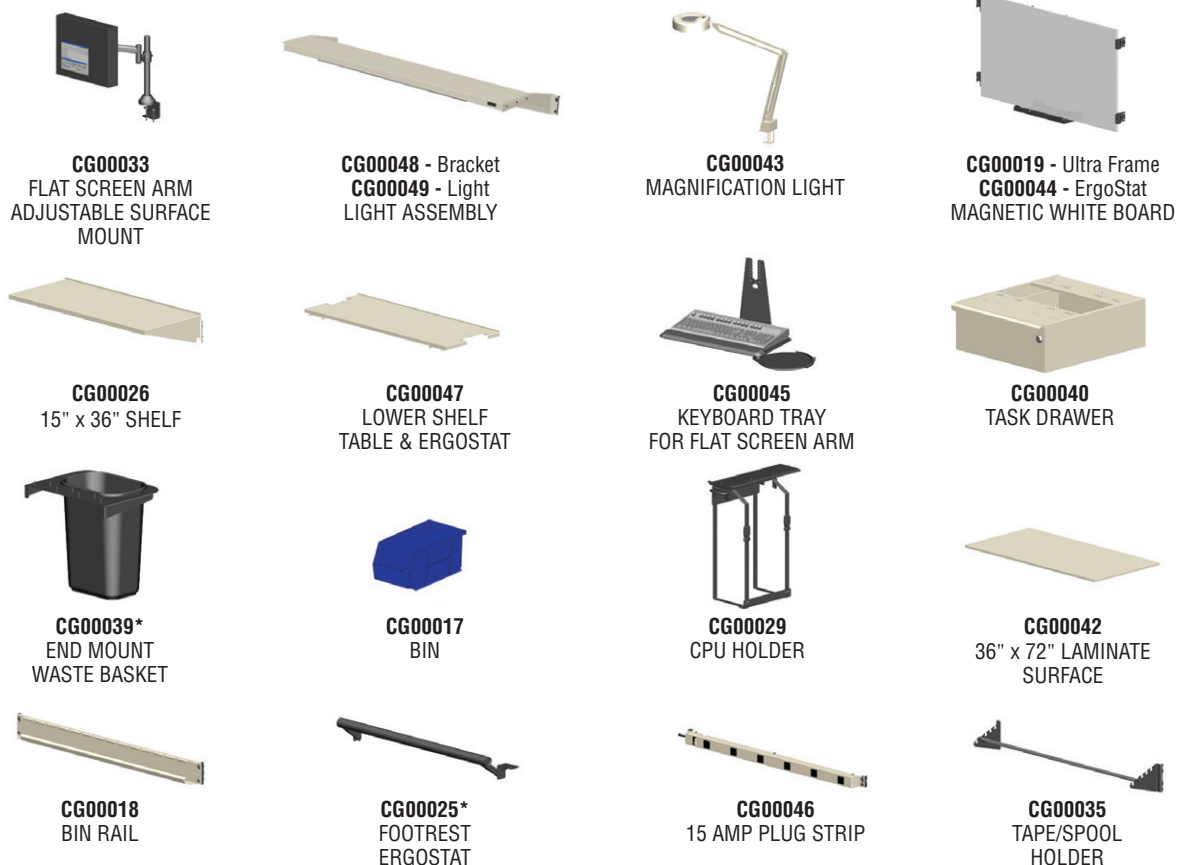
General purpose mobile cart with multiple applications.

QTY	DESCRIPTION	STANDARD	OPTION
1	Mobile Frame 66"h x 24"w	✓	
1	Surface 24" x 24"	✓	
1	Multi-function Shelf 18" x 24"	✓	
1	Multi-function Shelf 15" x 24"	✓	
1	Electrical Plug Strip 15 amp	✓	
1	Lower Shelf	✓	
1	Flat Screen Monitor Arm		✓
1	Task Drawer, Suspended, 1 Box		✓



ACCESSORIES

The Prep and Pack workstation accessories allow you the flexibility to upgrade and customize your configurations at any time.



All electric workstations are cULus Listed and conform to the highest standard of quality and safety.
*ErgoStat only

Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber



Printed with Soy based inks and water based coatings on FSC/Green Seal-certified paper.

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APPLICATION

This sterilizer is configured for prevacuum sterilization of heat- and moisture-stable materials used in healthcare facilities. These units are equipped with prevacuum, Steam Flush Pressure Pulse (SFPP), gravity, liquid, DART (Bowie-Dick) and vacuum leak test cycles.

DESCRIPTION

Amsco® Evolution™ Steam Sterilizers are equipped with the latest features in both state-of-the-art technology and ease of use.

Primary Product Features

- **Hinged door** for 26 x 37.5" (660 x 953 mm) sterilizers. Door may be hinged on either left side or right side.
- All plumbing components are mounted to a free-standing, modular rack (stand). The stand connects to the core sterilizer assembly during installation.
- **Vertical-sliding door** 26 x 26" (660 x 660 mm) or **horizontal-sliding door** 26 x 37.5" (660 x 953 mm):



26 x 26" (660 x 660 mm) Sterilizer
Vertical Sliding Door

26 x 37.5" (660 x 953 mm) Sterilizer

26 x 37.5" (660 x 953 mm) Sterilizer
Horizontal Sliding Door

Typical only - some details may vary.

- » For 26 x 26" (660 x 660 mm) sterilizers, door travels vertically down to open and up to close.
- » For 26 x 37.5" (660 x 953 mm) sterilizers, door travels horizontally right to left to open.
- An **advanced, PC-based control system** employs user-friendly interface screens, with enhanced graphics.
- 8.4" (214 mm) color touch screen display.
- Ink on paper impact printer.

The Selections Checked Below Apply To This Equipment

TYPE

- Prevacuum
- Steam Flush Pressure Pulse (SFPP)

MODEL NUMBER/SIZE

- HC900 / 26 x 37-1/2 x 42" (660 x 950 x 1067 mm)
- HC1200 / 26 x 37-1/2 x 54" (660 x 950 x 1372 mm)
- HC1500 / 26 x 37.5 x 66" (660 x 953 x 1676 mm)
- HC600 / 26 x 26 x 39" (660 x 660 x 991 mm)
- HC800 / 26 x 26 x 49" (660 x 660 x 1245 mm)
- HC1000 / 26 x 26 x 61" (660 x 660 x 1549 mm)

STERILIZER ELECTRIC SERVICE

- 208/240 V ac, 50/60 Hz, 3-Phase, 12 A/Phase
- 480 V ac, 50/60 Hz, 3-Phase, 6 A/Phase

STEAM SOURCE

- House Steam
- 72 kW Optional Integral Electric Steam Generator
 - 208V, 50/60 Hz, 3-Phase, 203 A
 - 240V, 50/60 Hz, 3-Phase, 176 A
 - 480V, 50/60 Hz, 3-Phase, 89 A

STEAM PIPING

- Copper/Brass
- Optional Right-hand Piping

NOTE: Left-hand piping is standard

DOOR CONFIGURATION

(26 X 37.5" STERILIZERS, ONLY)

- Single-Door**
 - Hinged Door
 - Horizontal-Sliding
 - Left-Hand
 - Right-Hand (not available for sliding door units)
- Double-Door**
 - Hinged Door

Note: Operating End hinge position listed first, Non-operating End hinge listed second.

- Right-Hand/Left-Hand
- Right-Hand/Right-Hand
- Left-Hand/Right-Hand
- Left-Hand/Left-Hand
- Horizontal-Sliding Door

Note: Operating end slide direction listed first, Non-operating end slide direction listed second.

- Left-Hand/Right-Hand

(Direction of door movement is right-hand to left-hand, as viewed from the sterilizer's operating end.)

DOOR CONFIGURATION

(26 X 26" STERILIZERS, ONLY)

- Single Door Vertical Sliding
- Double Door Vertical Sliding

SINGLE-DOOR MOUNTING

- Cabinet Enclosed/Freestanding
- Recessed

DOUBLE-DOOR MOUNTING

- Recessed through One Wall
- Recessed through Two Walls

ACCESSORIES

- 42" (1067 mm) Chamber Length
- 54" (1372 mm) Chamber Length
- 66" (1676 mm) Chamber Length
- 39" (991 mm) Chamber Length
- 49" (1245 mm) Chamber Length
- 61" (1549 mm) Chamber Length
- Loading Car
- Transfer Carriage
- Chamber Track Assembly
 - Single Door Double Door
- Loading Car, Transfer Carriage and Track Assembly
 - Single Door Double Door
- Chamber Rack and Shelf (39" & 42" Units, only)

REMOTE MONITORING

- ProConnect® Response Center (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports)

Item _____
 Location(s) _____

Model Number	Internal Dimensions Inches (Millimeters)	Cubic Inches	Cubic Feet
HC600	26 x 26 x 39" (660 x 660 x 991 mm)	26,364	15.2
HC800	26 x 26 x 49" (660 x 660 x 1245 mm)	33,124	19.1
HC1000	26 x 26 x 61" (660 x 660 x 1549 mm)	41,236	23.8
HC900	26 x 37.5 x 42" (660 x 953 x 1067 mm)	35,100	20.3
HC1200	26 x 37.5 x 54" (660 x 953 x 1372 mm)	46,800	27.0
HC1500	26 x 37.5 x 66" (660 x 953 x 1676 mm)	64,350	37.2

- Standard communication interface with most PC-compatible peripheral devices (e.g., data collection systems, printers)
- Automatic check of control program and cycle data maintains process integrity
- Control is designed to accommodate integrated remote monitoring and instrument tracking interfaces.

STANDARDS

Each sterilizer meets applicable requirements of the following listings and standards, and carries the appropriate symbols:

- **ASME Code, Section VIII, Division 1 for unfired pressure vessels.** The pressure vessel is so stamped; ASME Form U-1 is furnished. Shell and door are constructed to withstand working pressure of 45 psig (3.1 bar).
- **Underwriters Laboratory (UL) Standard 61010-1** as certified by Intertek Testing services.
- **Canadian Standards Association (CSA) Standard C22.2, No. 1010** as certified by Intertek Testing services.

FEATURES

26 x 37.5" (660 x 953 mm) Chamber Cross-section or **26 x 26" (660 x 660 mm) Chamber Cross-section** sized to allow for efficient, high-volume processing of sterilization containers, trays and packs.

Fast-operating, low-effort manual door lock mechanism (hinged door models) allows door to be locked or unlocked using a single 30° handle motion, with a fast operating, low-effort door lock mechanism.

Power Door operates quietly, and consists of a motor-driven cable and pulley mechanism. Vertical- and horizontal-sliding door is controlled from control panel push buttons. The door slides open, propelled by the cable and pulley driven electric motor. Double door configurations are supplied with controls at both ends of the sterilizer to help prevent the possibility of cross-contamination.

Software calibration is performed in the Service Mode, accessible through the touch screen displays, and accomplished using external or internal temperature and pressure sources. Control system provides printed record of all calibration data for verification to current readings.

Pneumatic valves are fitted in piping for steam, water and exhaust control.

Principle piping components and the primary control assembly are mounted to a **separate, modular support rack** (plumbing stand). The plumbing stand connects during installation to core chamber and frame assembly, allowing for increased access for service and maintenance procedures when necessary.

ProConnect Response Center - Minimize response time and unscheduled downtime on your equipment. Secure, internet-based, 24/7 remote monitoring enables both Predictive Maintenance as well as instant alerts to STERIS when there is

an equipment alarm. Also included are priority technical support, online parts ordering, equipment performance dashboards, and scheduling service at eservice.steris.com. ProConnect can be directly connected through the sterilizer control or can reside on a separate PC in the department.

UTILITIES CONSERVATION FEATURES

Resistive Thermal Detectors (RTD) are installed for precise sterilizer temperature control and conservation of utilities. The dual element chamber drain line RTD senses and controls temperature variations within the sterilizer chamber. A jacket RTD provides temperature control within the jacket space. These RTD signals, converted into electrical impulses, provide accurate control inputs and readouts throughout entire cycle.

Electronic water saving control includes an RTD to minimize the amount of water used in condensing the exhausted chamber steam and condensate.

Automatic utilities start-up/shutdown permits utilities conservation. Shutdown may be programmed to activate at the end of any designated cycle or time of day. When activated, the control system automatically shuts off all utility valves, conserving steam and water usage. Sterilizer utilities can be restarted either by programmed time or manual operation. A different shutdown and restart time can be programmed for each day.

Insulation sleeve is fitted around exterior of the sterilizer vessel to conserve heat and limit heat loss to the surrounding environment. The sleeve is sealed and held in place by hook-and-loop closures. Insulation is asbestos-free and chloride-free, silicone impregnated, oil- and water-resistant fiberglass.

Two-stage vacuum pump is supplied on all units to effectively pull chamber to specified vacuum levels, reduce cycle time by shortening conditioning and exhaust times; as well as reduce water consumption.

PROCESSING CYCLES

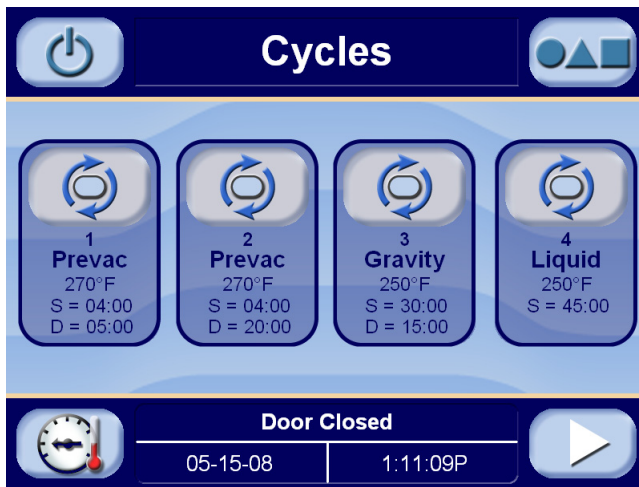
All processing cycles factory programmed into the sterilizer control have been validated to **AAMI/ANSI ST-8**.

IMPORTANT: Applicable cycles have been validated to satisfy the requirements outlined below. If cycle parameters (sterilize time, dry time, temperature) other than those listed are required, it is the responsibility of the healthcare facility to consult and follow the device manufacturer's written instructions.

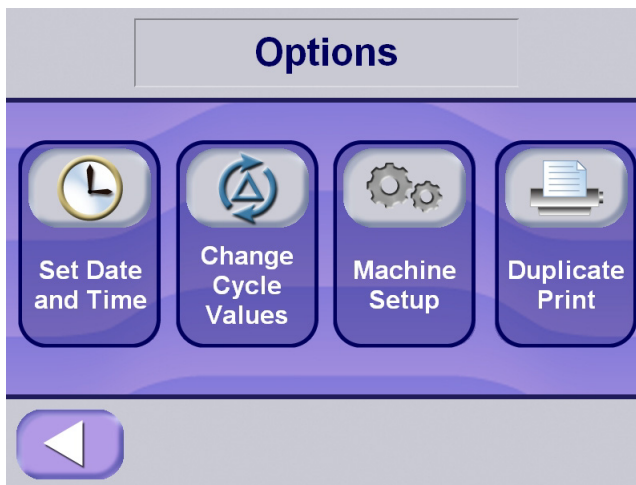
Dry Times for Prevacuum and SFPP are based upon maximum load as follows:

- 26 x 26" (660 x 660 mm) sterilizer - three full shelves of 25 lb (11 kg) instrument trays
- 26 x 37.5" (660 x 953 mm) sterilizer - four full shelves of 25 lb (11 kg) instrument trays

Prevacuum configuration sterilizers are factory programmed with the following cycles: 270°F (132°C) Prevacuum, Gravity, SFPP, Liquid, 275°F (135°C) Prevacuum; SFPP and Test



Ready State Screen



Options Screen

Cycles. Prevacuum cycles feature vacuum pulses followed by pressure pulses for **porous load cycles**. **Prevacuum cycles** are intended for efficient, high-volume processing of heat- and moisture-stable materials, such as fabrics and wrapped hard goods. This process incorporates a series of vacuum/pressure pulses to condition the load prior to sterilization.

Default Prevac Cycles

- **270°F (132°C) Prevacuum Cycle:** For efficient, high-volume processing of heat- and moisture-stable materials, such as fabrics and wrapped hard goods. This process incorporates a series of pressure/vacuum pulses to condition the load prior to sterilization.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 4 minutes
 - » Dry time: 30 minutes
- **270°F (132°C) Prevacuum Cycle:** For sterilizing single fabric packs.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 4 minutes
 - » Dry time: 5 minutes

- **275°F (135°C) Prevacuum Cycle:** For sterilizing double-wrapped instrument trays.
 - » Sterilize temperature: 275°F (135°C)
 - » Sterilize time: 3 minutes
 - » Dry time: 30 minutes
- **250°F (121°C) Gravity Cycle:** For sterilizing fabrics.
 - » Sterilize temperature: 250°F (121°C)
 - » Sterilize time: 30 minutes
 - » Dry time: 15 minutes
- **270°F (132°C) Gravity Cycle:** For sterilizing double-wrapped instrument trays.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 15 minutes
 - » Dry time: 30 minutes
- **250°F (121°C) Gravity Cycle:** For sterilizing double-wrapped instrument trays.
 - » Sterilize temperature: 250°F (121°C)
 - » Sterilize time: 30 minutes
 - » Dry time: 30 minutes
- **270°F (132°C) Gravity Cycle:** For sterilizing fabric packs.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 25 minutes
 - » Dry time: 15 minutes
- **Liquid Cycle:** This cycle is used for sterilizing liquids in borosilicate containers with vented closures.
 - » Sterilize temperature: 250°F (121°C)
 - » Factory programmed sterilize time: 45 minutes
 - » Dry time: not applicable

IMPORTANT: It is inappropriate for a healthcare facility to sterilize liquids for direct contact with patients.

Steam Flush Pressure Pulse (SFPP) configuration sterilizers are factory programmed with the following cycles: SFPP, Prevacuum, Gravity, Liquid and Test Cycles. See cycle descriptions below for more details:

Default SFPP Cycles

- **270°F (132°C) SFPP Cycle:** For efficient, high-volume processing of double wrapped instrument trays and fabric packs. This process incorporates a series of steam flushes and pressure pulses at pressures above atmospheric levels to condition load prior to sterilization.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 4 minutes
 - » Dry time: 30 minutes
- **275°F (135°C) SFPP Cycle:** For sterilizing double-wrapped instrument trays.
 - » Sterilize temperature: 275°F (135°C)
 - » Sterilize time: 3 minutes
 - » Dry time: 30 minutes

- **270°F (132°C) SFPP Cycle:** For sterilizing single fabric packs.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 4 minutes
 - » Dry time: 5 minutes
- **270°F (132°C) Prevacuum Cycle:** For efficient, high-volume processing of heat- and moisture-stable materials, such as fabrics and wrapped hard goods. This process incorporates a series of pressure/vacuum pulses to condition the load prior to sterilization.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 4 minutes
 - » Dry time: 30 minutes
- **275°F (135°C) Prevacuum Cycle:** For sterilizing double-wrapped instrument trays.
 - » Sterilize temperature: 275°F (135°C)
 - » Sterilize time: 3 minutes
 - » Dry time: 30 minutes
- **250°F (121°C) Gravity Cycle:** For sterilizing fabrics.
 - » Sterilize temperature: 250°F (121°C)
 - » Sterilize time: 30 minutes
 - » Dry time: 15 minutes
- **270°F (132°C) Gravity Cycle:** For sterilizing double-wrapped instrument trays.
 - » Sterilize temperature: 270°F (132°C)
 - » Sterilize time: 15 minutes
 - » Dry time: 30 minutes
- **Liquid Cycle:** This cycle is used for sterilizing liquids in borosilicate containers with vented closures.
 - » Sterilize temperature: 250°F (121°C)
 - » Factory programmed sterilize time: 45 minutes
 - » Dry time: not applicable

IMPORTANT: It is inappropriate for a healthcare facility to sterilize liquids for direct contact with patients.

TESTING CYCLES

- **DART Warm-up Cycle:** This cycle is used to warm chamber to operating temperature prior to performing a DART (Bowie-Dick) Test cycle.
- **DART (Bowie-Dick) Test Cycle:** This cycle is used for conducting Bowie-Dick tests. Recommended load is a properly prepared Bowie-Dick test pack. Preprogrammed cycle parameters cannot be adjusted by the user.
 - » Sterilize temperature: 270° (132°C)
 - » Sterilize time: 3 minutes and 30 seconds
 - » Dry time: 1 minute
- **Vacuum Leak Test:** This cycle is used for testing the vacuum integrity of the sterilizer's piping. Sterilizer chamber must be empty while running this test cycle. All timing is preprogrammed and cannot be adjusted.

CONTROL SYSTEM

Design Features

The control system monitors and controls all sterilizer operations and functions. The control system is factory-programmed with standard sterilizing cycles. Each cycle is

adjustable to meet specific processing requirements. All operator-accessible control functions can be changed using the touch screen control.

IMPORTANT: If cycle parameters (sterilize time, dry time, temperature) other than those listed are required, it is the responsibility of the healthcare facility to consult and follow the device manufacturer's written instructions.

Cycle values and operating features may be adjusted and verified prior to cycle operation. Cycle parameters are retained in control memory for repeated use.

Once cycle is started, cycles and cycle values cannot be changed until cycle is complete. If chamber temperature drops below set point during the exposure phase, the timer is set to stop and automatically reset once normal operating temperature is reached.

Critical control system components are housed within a sealed compartment to protect the components from moisture and heat generated during the sterilization process.

Operator interface control panel, consisting of a touch screen, is located on the operating (i.e., load or non-sterile) end of the sterilizer.

The operator interface consists of a **touch-sensitive, color screen**. This display allows for control communications, graphics and excellent visibility in most environments. The display panel, in conjunction with the control, is used as the monitor for the operator. All sterilizer functions, including cycle initiation and cycle configuration, are operated by pressing the touch-sensitive areas on the display. Display indicates appropriate control buttons, operator prompts, and status messages necessary to assist in sterilizer operation. All displayed messages are complete phrases with no codes to be cross-referenced. Display also indicates any abnormal conditions that may exist either in or out of a cycle. Control buffer memory retains up to ten previously-run cycles for later access.

24-Character ink-on-paper printer, located below touch screen, provides an easy-to-read printed record of all pertinent cycle data on 2.25" (57 mm) wide paper. Data is automatically printed at the beginning and end of each cycle and at transition points during the cycle. Three paper tape rolls and two printer ribbons are furnished with each unit.

Non-operating end (NOE) control panel, on double-door sterilizers only, includes a touch sensitive screen similar to the operating end screen. Preprogrammed cycles can be started from the NOE control panel. Display concurrently shows the same information as the operating end screen display. Other controls located at the non-operating end include door control pushbuttons (if power door), jacket and chamber gauges and an emergency-stop button (if power door).

Cycle configuration is performed by accessing the Change Values menu through the operating end touch screen.

In addition to adjustment of cycle values, the following operating parameters can also be changed through the Machine Setup menu:

- **Time display and printout units** 24-hour or AM/PM.
- **Audible signals, end-of-cycle signals and alarm signals** have three adjustable volume levels available through the control and display panel.
- **Temperature display and printout units** Fahrenheit (°F) or Celsius (°C). Temperature is set, displayed, controlled and printed to the nearest 0.1°. Recalibration is not required when changing temperature units.
- **Pressure/vacuum display and printout units** psig/InHg or bar. Recalibration is not required when changing pressure units.

SAFETY FEATURES

Emergency stop button located on the front panel, below the sterilizer control touch pad (Power Door Units Only). When pressed, immediately shuts off all outputs on the sterilizer. A key is used to reset the switch.

Control lockout switch equipped on chamber door(s), senses when door seal is energized and tight against the door. Control prevents cycle from starting until the limit switch signal is received. If control loses appropriate signal during cycle, alarm activates, cycle aborts and chamber safely vents with a controlled exhaust.

Chamber float switch activates alarm, aborts cycle and safely vents chamber with a controlled exhaust if excessive condensate is detected in the vessel chamber.

Pressure relief valve limits the amount of pressure buildup so that the rated pressure in the vessel is not exceeded.

Power door safety feature causes door drive to slip if the sliding door encounters an obstruction during its movement.

CONSTRUCTION

Shell Assembly

Two fully fabricated Type 316L stainless-steel shells, welded one within the other, form the sterilizer vessel. Type 316L stainless-steel end frame(s) is welded to door end. On single door units, back of chamber is fitted with welded, 316L stainless-steel dished head.

Sterilizer vessel is ASME and PED rated at 45 psig (3.1 bar) and insulated. Vessel includes one 1"-NPT chamber port for Customer use.

Steam-supply opening inside the chamber is shielded by a stainless-steel baffle.

Chamber Door(s)

Door is constructed of Type 316L stainless steel.

During cycle operation, door is sealed by a steam-activated door seal. Door seal is constructed of a special long-life rubber compound. When sterilize cycle is complete, the seal retracts under vacuum into a machined groove in the sterilizer's end frame.

A proximity switch is used by the control to determine if door is closed. An additional seal pressure switch prevents inadvertent cycle initiation if door is not sealed.

The door assembly is equipped with a mechanical locking mechanism that ensures the door cannot be opened as long as the seal is intact and energized and more than 2 psig (0.14 bar) pressure is in the chamber.

The sterilizer door is fitted with a stainless-steel panel that insulates the operator from the chamber end frame, reducing the chance of accidental contact with a hot metal surface.

Chamber Drain System

Drain system is designed to prevent pollutants from entering into the water-supply system and sterilizer.

The automatic condensing system, consisting of a heat exchanger, converts chamber steam to condensate and disposes condensate to waste. Cooling water flow is regulated by the waste line RTD to minimize water usage. Water supply shutoff valve is located in the recessed area of the unit.

Vacuum System

Two-stage vacuum pump reduces chamber pressure during prevacuum and post-drying phases. Air is drawn from the chamber through the vacuum system. Following the dry phase, chamber vacuum is relieved to atmospheric pressure by admitting air through a bacteria-retentive filter.

Steam Source

Sterilizers are piped, valved and trapped to receive building-supplied steam delivered at 50 to 80 psig (3.5 to 5.6 bar) dynamic. Standard steam piping is constructed of copper and brass and includes a shutoff valve, separator and a pressure regulator. (An optional, integral electric steam generator is also available.)

Piping

All piping is located on a modular plumbing rack (stand). Plumbing stand can be located on either side of the sterilizer.

MOUNTING ARRANGEMENT

Sterilizers are arranged for either freestanding or recessed installation, as specified. Each sterilizer is height-adjustable. Sterilizer subframe is equipped with a synthetic rubber gasket to ensure tight fit between the cabinet panels on freestanding units or between the front cabinet panel and wall partition on recessed units.

On freestanding units, stainless-steel side panels and a louvered top panel enclose the sterilizer body and piping.

ACCESSORIES

Material Handling Accessories include stainless-steel chamber tracks and stainless-steel loading cars with painted-steel or stainless-steel transfer carriages. Stainless-steel chamber rack and shelf are available for 39" (991 mm) sterilizers only. See separate product literature for details.

Optional Integral Steam Generator is constructed of 316L stainless steel or carbon steel. Generator is integral for 26 x 37.5" and 26 x 26" vertical door sterilizers. The steam generator is equipped with three main heating elements. Generator is operated by sterilizer control system. (Refer to ENGINEERING DATA / UTILITY REQUIREMENTS on page 6 for utilities specifications.)

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help assure low-cost peak performance. STERIS representatives can provide information regarding annual maintenance agreements.

NOTES

- Customer is responsible for backflow protection, if required.
- Pipe sizes shown indicate terminal outlets only. Building service lines, provided by others, must supply the specified pressures and flow rates.
- Disconnect switches (with OFF position lockout only; switches not supplied by STERIS) should be installed in electric supply lines near the equipment.
- Access to the recessing area from the control end of the sterilizer is recommended.
- Clearances shown are minimal for installing and servicing the equipment.
- Depending on the loading equipment used, additional clearance is required:
 - If shelves are used, length of sterilizer plus 24" (610 mm) at each door (36" [914 mm] and 39" [991 mm] sterilizers, only).
 - If loading car and carriage will be used, twice the length of sterilizer at each door.
- Floor drain should be provided within confines of sterilizer framework.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

ENGINEERING DATA / UTILITY REQUIREMENTS

Drain:	2" ODT drain terminal (Floor drain capacity must handle peak water consumption)		
Electric:	Control and Vacuum Pump: 208-240 Volt, 3-phase, 50/60 Hz, 12 Amps/phase. 16A circuit breaker recommended. 480 Volt, 3-phase, 50/60 Hz, 6 Amps/phase. 8A circuit breaker recommended.		
House Steam:	Size: 3/4" NPT Pressure: 50 to 80 psig (3.45 to 5.5 bar), dynamic, condensate free, and 97% to 100% vapor quality.		
Consumption (270°F [132°C] Cycle):			
<u>26 x 26" (660 x 660 mm)</u>	39" (991 mm) Chamber Length • Average: 42 lb/cycle (19 kg/cycle) • Peak: 310 PPH (141 kg/hr)	49" (1245 mm) Chamber Length • Average: 52 lb/cycle (24 kg/cycle) • Peak: 310 PPH (141 kg/hr)	61" (1549 mm) Chamber Length • Average: 65 lb/cycle (30 kg/cycle) • Peak: 310 PPH (141 kg/hr)
<u>26 x 37.5" (660 x 953 mm)</u>	42" (1067 mm) Chamber Length • Average: 63 lb/cycle (29 kg/cycle) • Peak: 310 PPH (141 kg/hr)	54" (1372 mm) Chamber Length • Average: 82 lb/cycle (37 kg/cycle) • Peak: 310 PPH (141 kg/hr)	66" (1676 mm) Chamber Length • Average: 100 lb/cycle (45 kg/cycle) • Peak: 310 PPH (141 kg/hr)
Feed Water:	Size: 3/4" NPT, Pressure: 20 to 50 psig (1.4 to 3.5 bar), dynamic. Temperature: 59°F (15°C), maximum.		
Consumption:			
<u>26 x 26" (660 x 660 mm)</u>	39" (991 mm) Chamber Length Peak: 13 gpm (49 lpm) / Average: 112 gal/cycle (424 l/cycle) 49" (1245 mm) Chamber Length Peak: 13 gpm (49 lpm) / Average: 137 gal/cycle (519 l/cycle) 61" (1549 mm) Chamber Length Peak: 13 gpm (49 lpm) / Average: 168 gal/cycle (636 l/cycle)		
<u>26 x 37.5" (660 x 953 mm)</u>	42" (1067 mm) Chamber Length Peak: 13 gpm (49 lpm) / Average: 164 gal/cycle (621 l/cycle) 54" (1372 mm) Chamber Length Peak: 13 gpm (49 lpm) / Average: 207 gal/cycle (784 l/cycle) 66" (1676 mm) Chamber Length Peak: 13 gpm (49 lpm) / Average: 250 gal/cycle (946 l/cycle)		
Compressed Air (CA):	1/4" NPT 80-100 psig (5.5 to 6.9 bar psig), oil free, dehumidified, 3 cfm		
Sterilizer Operating Weight:	26 x 26 x 39" (660 x 660 x 991 mm) – 2756 lb (1250 kg) 26 x 26 x 49" (660 x 660 x 1245 mm) – 3200 lb (1450 kg) 26 x 26 x 61" (660 x 660 x 1549 mm) – 3500 lb (1590 kg) 26 x 37.5 x 42" (660 x 950 x 1067 mm) – 3800 lb (1720 kg) 26 x 37.5 x 54" (660 x 950 x 1372 mm) – 4200 lb (1900 kg) 26 x 37.5 x 66" (660 x 953 x 1676 mm) – 4700 lb (2132 kg)		
Optional Integral Steam Generator:	Water: 3/4" NPT; hot water temperature 140°F (60°C). Generator Drain: 3/4" NPT Electric: 208 Volt, 50/60Hz, 203 Amp, 3-phase minimum. 300A circuit breaker recommended. 240 Volt, 50/60Hz, 176 Amp, 3-phase minimum. 225A circuit breaker recommended. 480 Volt, 50/60Hz, 89 Amp, 3-phase minimum. 125A circuit breaker recommended. Boiler empty weight: 595 lb (270 kg); boiler operating weight: 800 lb (363 kg)		
Telecommunications Requirements for ProConnect Response Center	<ul style="list-style-type: none"> Each sterilizer requires an active wired or wireless TCP/IP network, 10/100BaseT Ethernet connection located as indicated on the equipment drawing, Internet access and an IP address on the facility network. For connection via a separate PC: 5 GB of available hard drive space to run the service agent. Can be installed on: <ul style="list-style-type: none"> Dedicated PC running Windows XP with 2.8GHz processor, 512MB of RAM Virtual Machine Server Local STERIS login at the PC with a username of STERIS and the password should be ProConnect (STERIS Customer Number). Ethernet cable to connect each piece of STERIS equipment and the dedicated PC to the facility network, if not connected directly to the sterilizer control. 		

NOTES:

1. Chamber length(s) indicated within brackets [] following Equipment Drawing Title.

Refer to the Following Equipment Drawings for Installation Details	
Equipment Drawing Number	Equipment Drawing Title
62941-091	General Notes – Applicable to Sterilizer Equipment Drawings
129390-151	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Electric Heat with Steam Generator [49" (1245 mm), 61" (1549 mm)]
129390-152	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Steam Heat [49" (1245 mm), 61" (1549 mm)]
129390-153	26 x 26" Evolution Steam Ster. Single Sliding Door Recessed One Wall Electric Heat with Steam Generator [49" (1245 mm), 61" (1549 mm)]
129390-154	26 x 26" Evolution Steam Ster. Single Sliding Door Recessed One Wall Steam Heat [49" (1245 mm), 61" (1549 mm)]
129390-155	26 x 26" Evolution Steam Ster. Single Sliding Door Cabinet Steam Heat [49" (1245 mm), 61" (1549 mm)]
129390-156	26 x 26" Evolution Steam Ster. Single Sliding Door Cabinet Electric Heat with Steam Generator [49" (1245 mm), 61" (1549 mm)]
129390-157	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed One Wall Steam Heat [49" (1245 mm), 61" (1549 mm)]
129390-158	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed One Wall Electric Heat with Steam Generator [49" (1245 mm), 61" (1549 mm)]
129390-168	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Electric Heat with Steam Generator [39" (991 mm)]
129390-169	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Steam Heat [39" (991 mm)]
129390-170	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed One Wall Steam Heat [39" (991 mm)]
129390-171	26 x 26" Evolution Steam Ster. Double Sliding Door Recessed One Wall Electric Heat with Steam Generator [39" (991 mm)]
129390-159	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-160	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-161	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Recessed One Wall Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-162	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Recessed One Wall Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-163	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Cabinet Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-164	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Cabinet Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-165	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed One Wall Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-166	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed One Wall Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-172	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Electric Heat with Steam Generator [36" (914 mm)]
129390-173	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed Two Walls Steam Heat [36" (914 mm)]

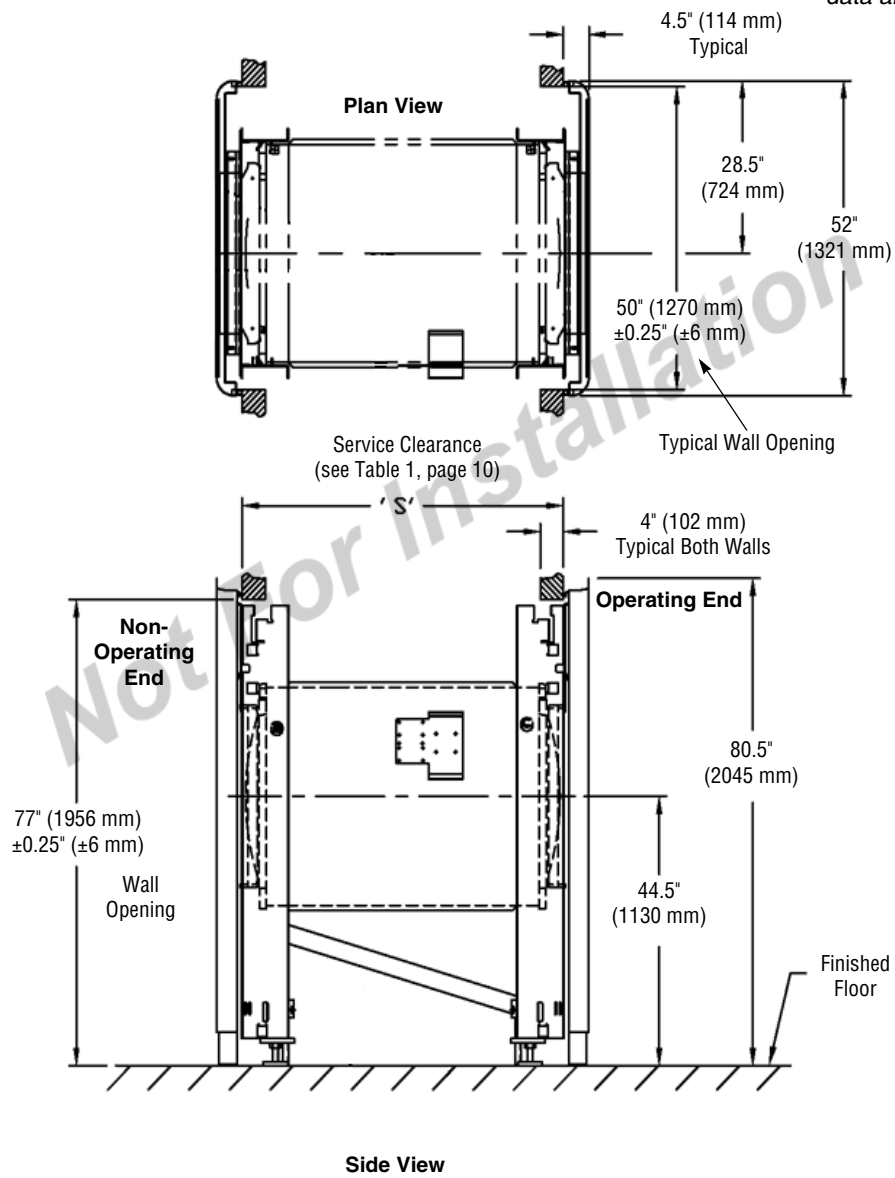
Refer to the Following Equipment Drawings for Installation Details (Continued)

Equipment Drawing Number	Equipment Drawing Title
129390-174	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed One Wall Steam Heat [36" (914 mm)]
129390-175	26 x 37-1/2" Evolution Steam Ster. Double Sliding Door Recessed One Wall Electric Heat with Steam Generator [36" (914 mm)]
129390-213	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Recessed One Wall Electric Heat with Steam Generator [36" (914 mm)]
129390-214	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Recessed One Wall Steam Heat [36" (914 mm)]
129390-215	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Cabinet Steam Heat [36" (914 mm)]
129390-216	26 x 37-1/2" Evolution Steam Ster. Single Sliding Door Cabinet Electric Heat with Steam Generator [36" (914 mm)]
129390-201	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Recessed One Wall Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-202	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Recessed One Wall Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-203	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Cabinet Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-204	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Cabinet Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-205	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Recessed Two Walls Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129390-206	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Cabinet Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-207	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Recessed One Wall Electric Heat with Steam Generator [48" (1219 mm), 60" 1524 mm)]
129290-208	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Recessed One Wall Steam Heat [48" (1219 mm), 60" 1524 mm)]
129390-209	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Recessed Two Walls Electric Heat with Steam Generator [36" (914 mm)]
129390-210	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Recessed Two Walls Steam Heat [36" (914 mm)]
129390-211	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Recessed One Wall Electric Heat with Steam Generator [36" (914 mm)]
129390-212	26 x 37-1/2" Evolution Steam Ster. Double (Hinge) Door Recessed One Wall Steam Heat [36" (914 mm)]
129390-221	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Recessed One Wall Electric Heat with Steam Generator [36" (914 mm)]
129390-222	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Recessed One Wall Steam Heat [36" (914 mm)]
129390-223	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Cabinet Electric Heat with Steam Generator [36" (914 mm)]
129390-224	26 x 37-1/2" Evolution Steam Ster. Single (Hinge) Door Cabinet Steam Heat [36" (914 mm)]

Drawing not to scale.
Dimensions are typical.

Recessed, Two Walls – 26 x 26" (660 x 660 mm) Double Sliding-Door Configuration

NOTE: Refer to table on
page 6 for engineering
data and utilities



Drawing not to scale. Dimensions are typical.

NOTE: Refer to table on page 6 for engineering data and utilities

**Recessed, One Wall – 26 x 26" (660 x 660 mm)
Single Sliding-Door Configuration**

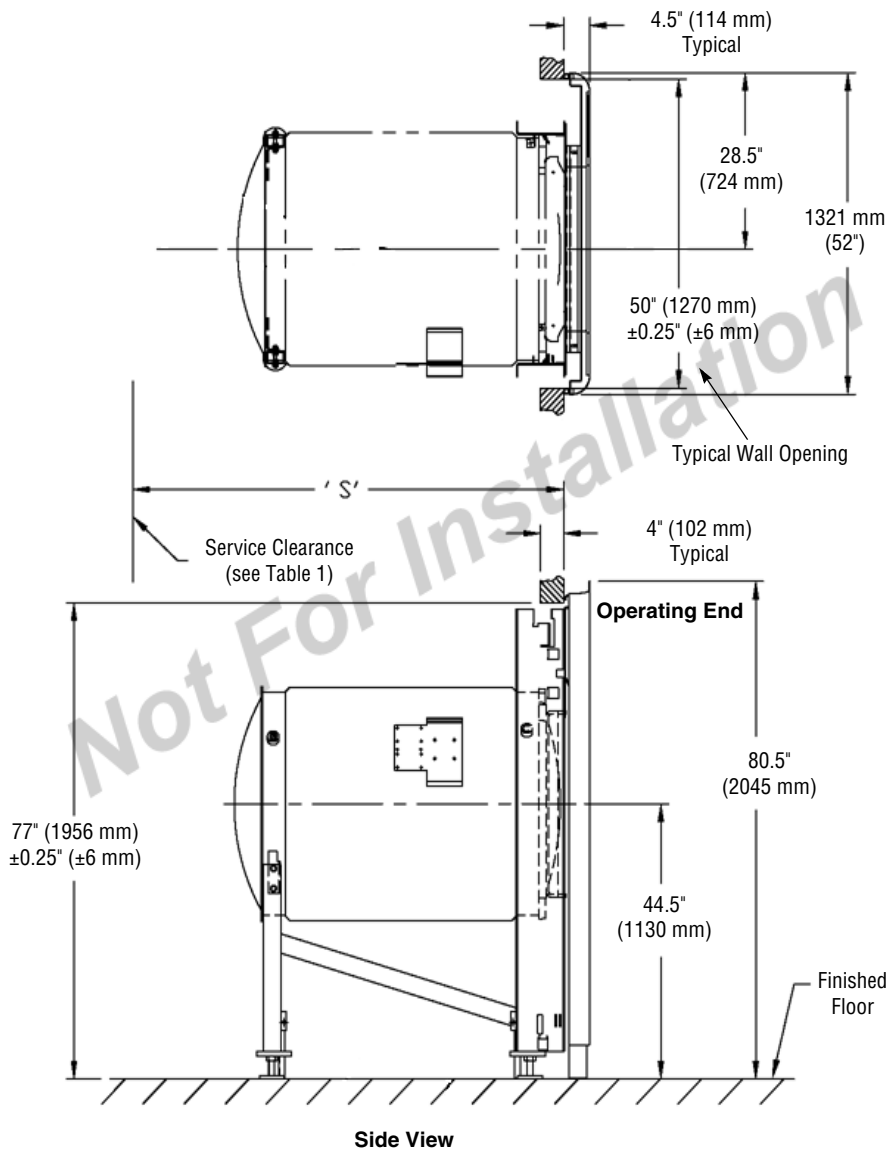


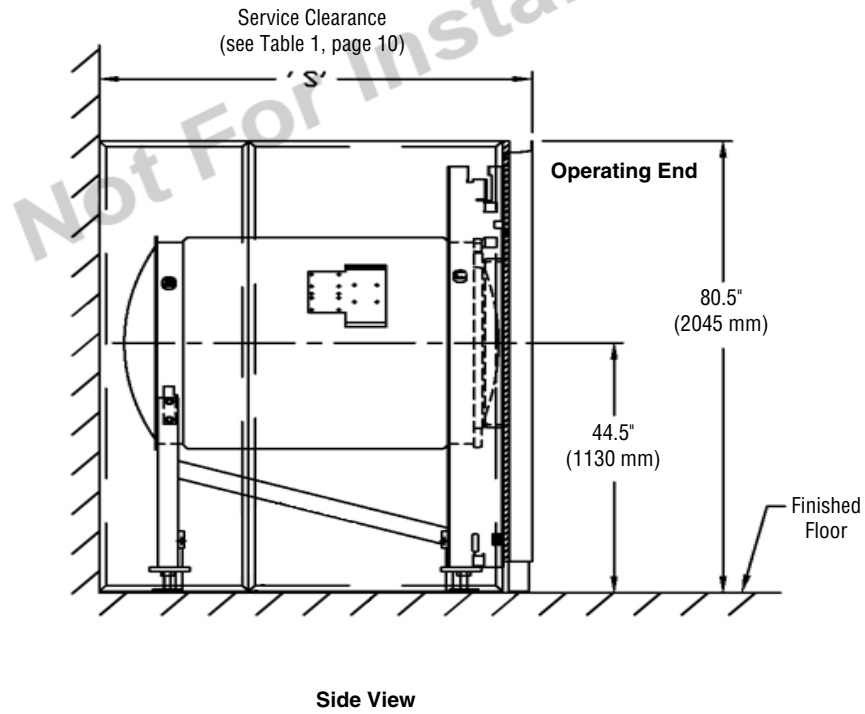
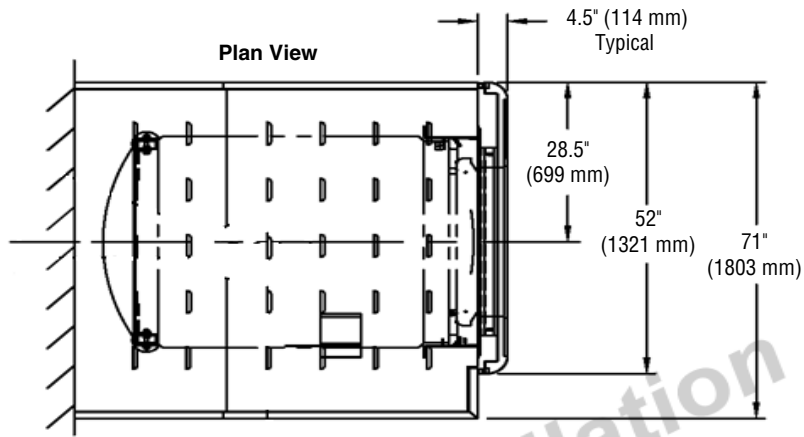
Table 1. 26 x 26" (660 x 660 mm) Sterilizer Service Clearance (Dimension "S")

Chamber Length	Recessed, Two Walls	Recessed, One Wall	Cabinet, Single Door
39" (991 mm)	46" (1168 mm)	46" (1168 mm)	N/A

Drawing not to scale. Dimensions are typical.

NOTE: Refer to table on page 6 for engineering data and utilities

**Cabinet Enclosed – 26 x 26" (660 x 660 mm)
Single Sliding-Door Configuration**



Drawing not to scale.
Dimensions are typical.

**Recessed, Two Walls – 26 x 37.5" (660 x 953 mm)
Double Sliding-Door Configuration**

*NOTE: Refer to table on
page 6 for engineering
data and utilities*

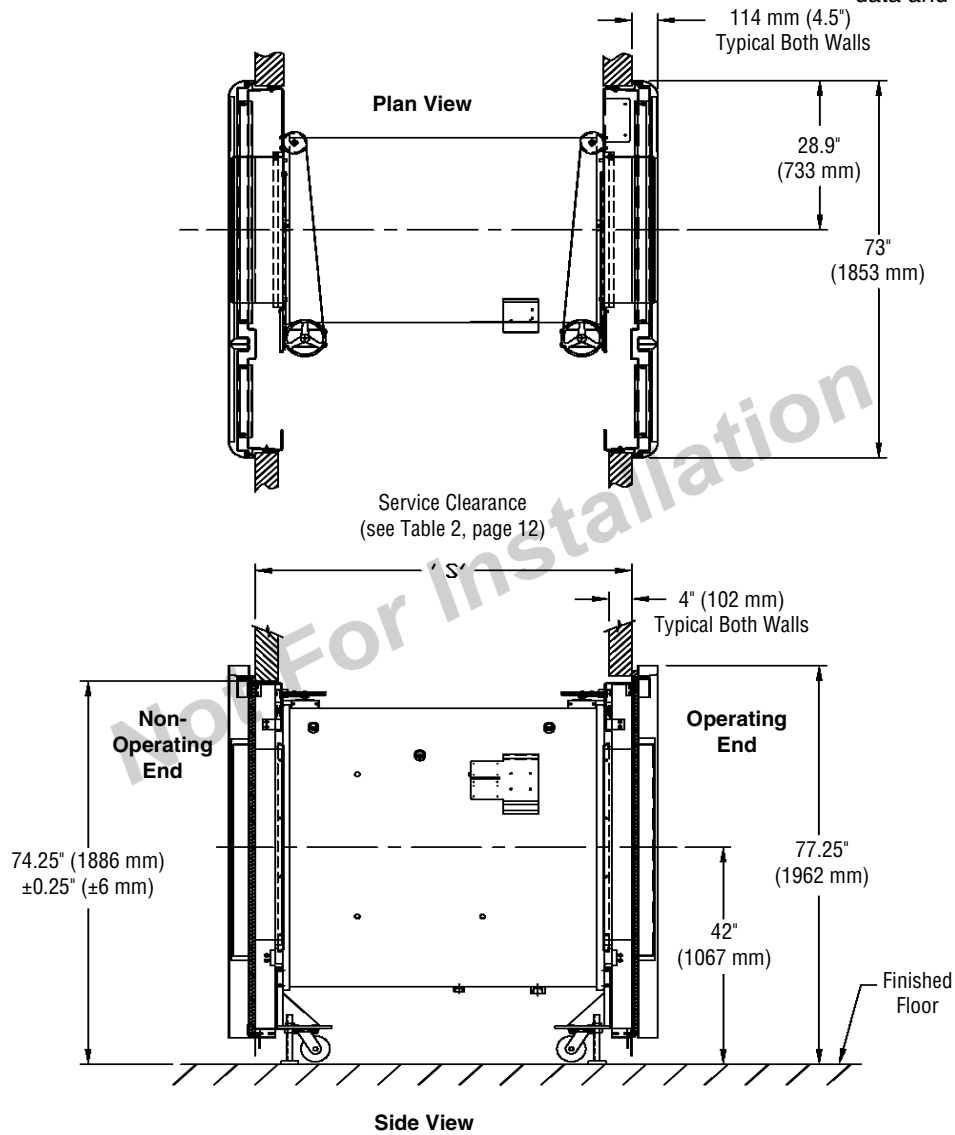


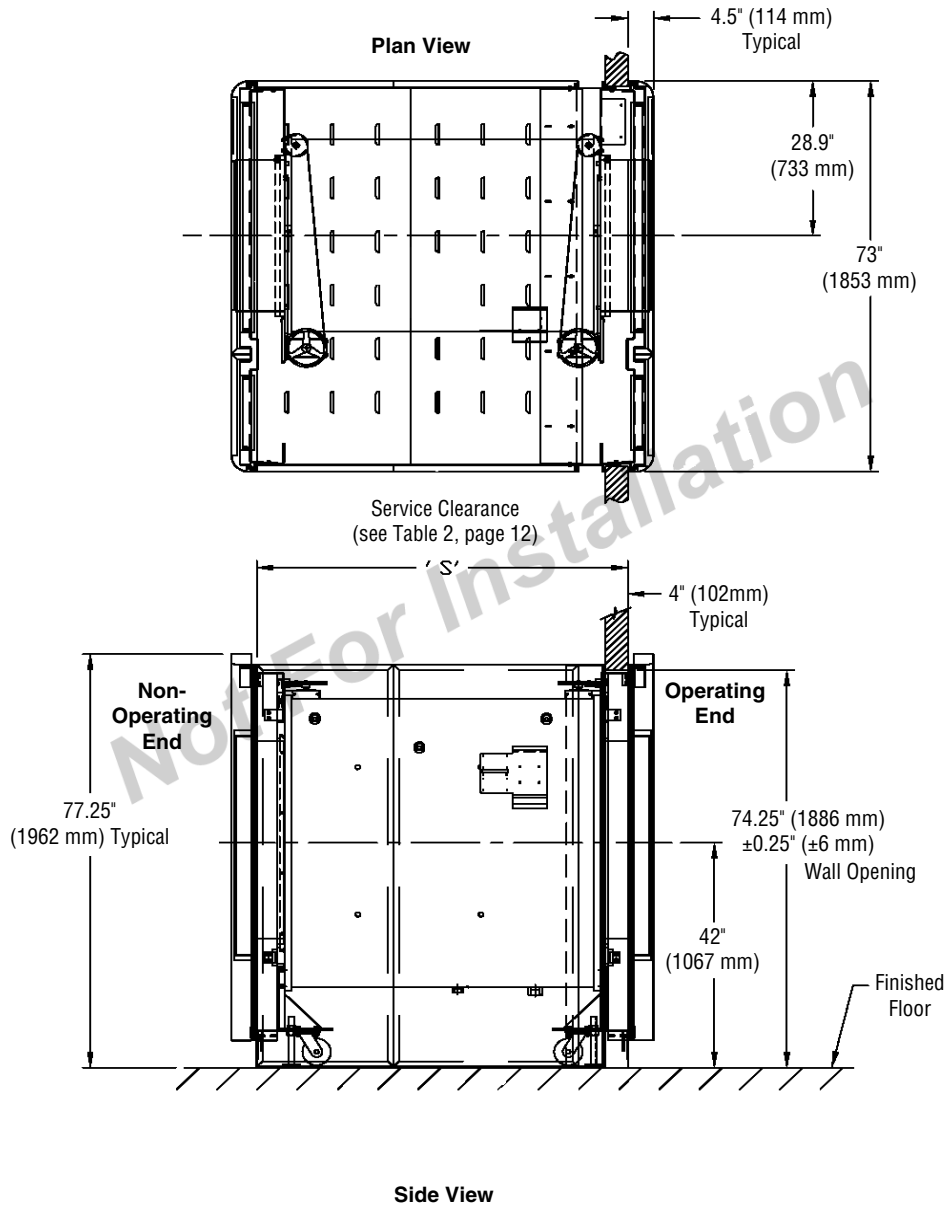
Table 2. 660 x 953 Sterilizer Service Clearance (Dimension "S")

Chamber Length	Double Door Recessed, One Wall	Double Door Recessed, Two Walls	Single Door Recessed, One Wall	Cabinet, Single Door
66" (1676 mm)	66" (1676 mm)	77.25" (1962 mm)	95.5" (2425 mm)	78.5" (1994 mm)

Drawing not to scale. Dimensions are typical.

NOTE: Refer to table on page 6 for engineering data and utilities

**Recessed, One Wall – 26 x 37.5" (660 x 953 mm)
Double Sliding-Door Configuration**



Drawing not to scale. Dimensions are typical.

NOTE: Refer to table on page 6 for engineering data and utilities

**Recessed Two Walls – 26 x 37.5" (660 x 953 mm)
Double Hinge-Door Configuration**

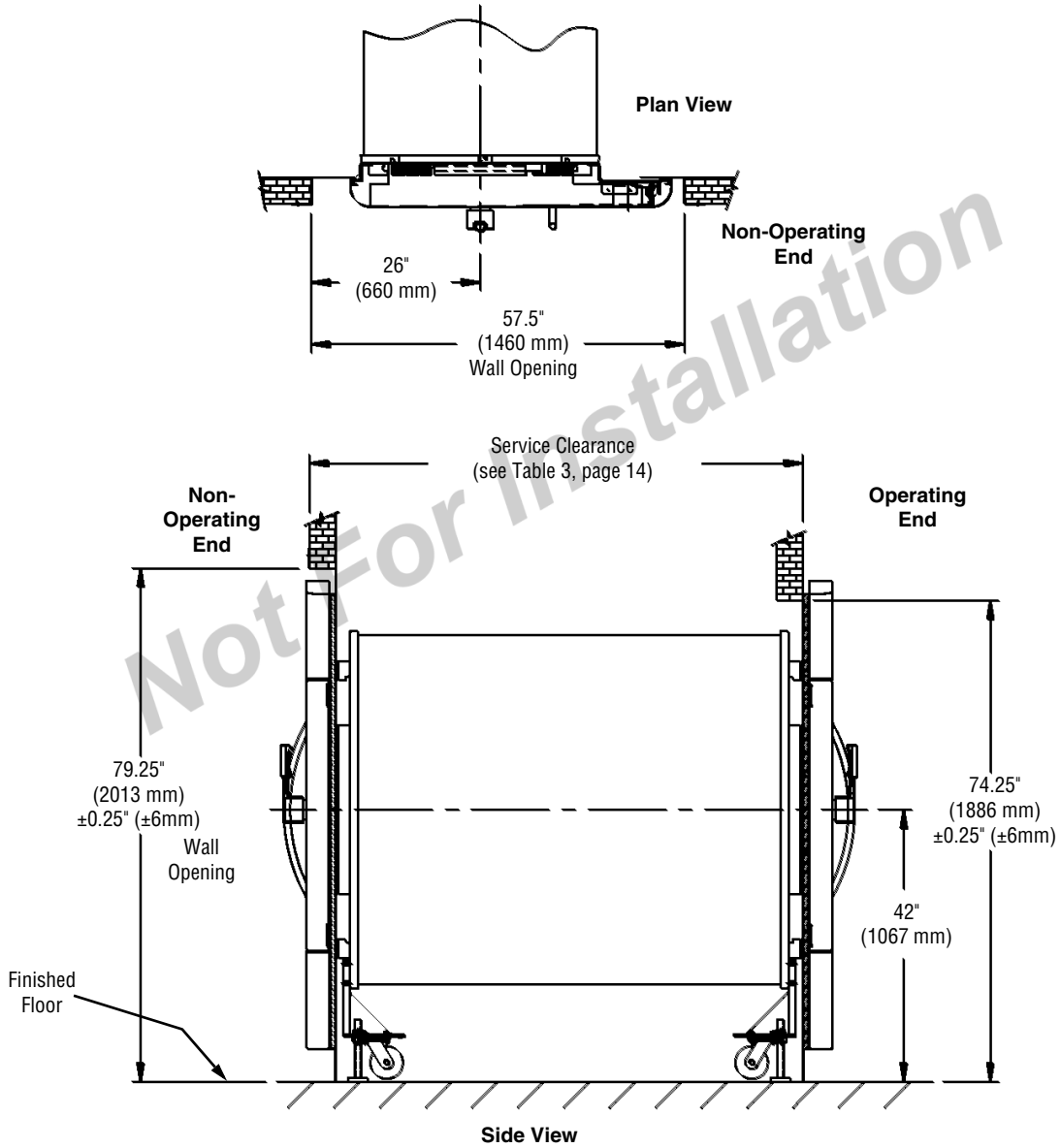


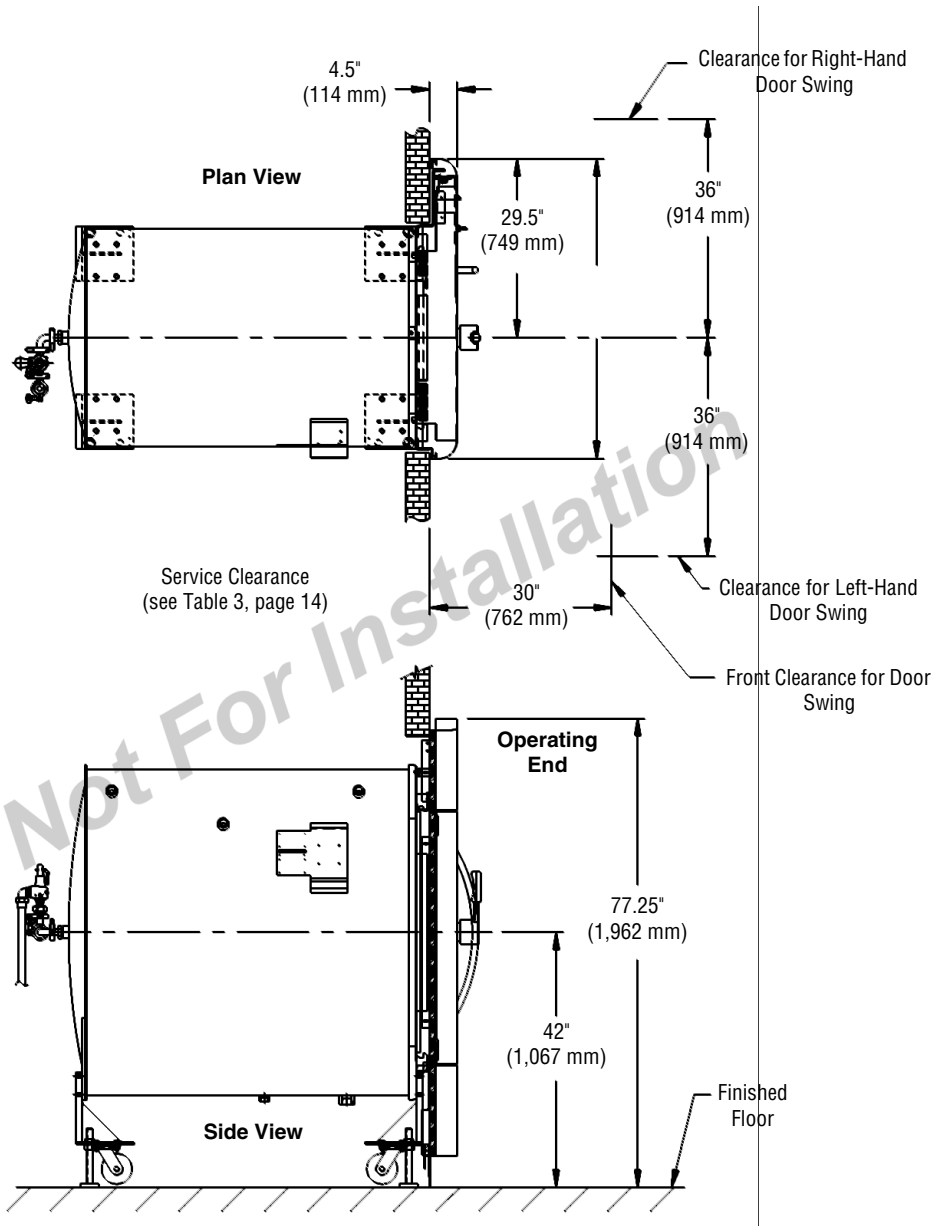
Table 3. 26 x 37.5 (660 x 953 mm) Hinge-Door Sterilizer Service Clearance

Chamber Length	Double Door Recessed, One Wall	Double Door Recessed, Two Walls	Single Door Recessed One Wall	Cabinet Single Door
66" (1676 mm)	72" (1829 mm)	76" (1930 mm)	96" (2435 mm)	83" (2121mm)

Drawing not to scale. Dimensions are typical.

NOTE: Refer to table on page 6 for engineering data and utilities

**Recessed, One Wall – 26 x 37.5" (660 x 953 mm)
Single Hinge-Door Configuration**



For Further Information, contact:



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**A New Shape.
A New Standard.**

The Amsco[®] Evolution[™]
Steam Sterilizer

 **STERIS**



AN EVOLUTIONARY ADVANCE IN STERILIZER CONTROL

The difference in Evolution's controls is obvious, even from across the room. The end results – improvements in efficiency and productivity – will be just as clear.

A dramatic redesign of Evolution's controls and displays includes crystal clear, high-resolution graphics and an Ethernet-enabled PC control. With one touch, operators can begin to learn it and put the control to work.

Look forward to Evolutionary differences in your Sterile Processing Department with greater throughput, reduced downtime and improved efficiency.



One-touch control display at ergonomic height

Sterilizer settings are easily customized according to department needs





Password protected, operator adjustable cycle parameters



Amsco Evolution’s new advanced control technology yields significant benefits now and for the future:

Productivity and efficiency

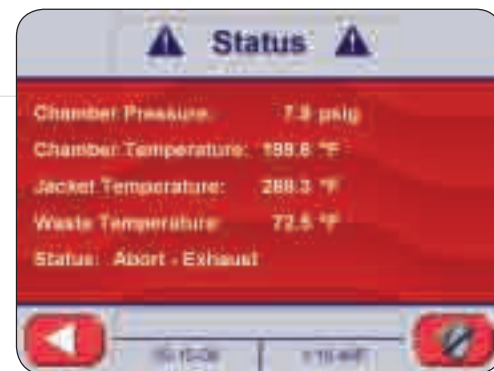
- > Large 8.4” touch screen - high resolution graphics
- > Intuitive navigation
- > Multi-lingual
- > Front mounted temperature and pressure gauges

Connectivity and cycle documentation compliance

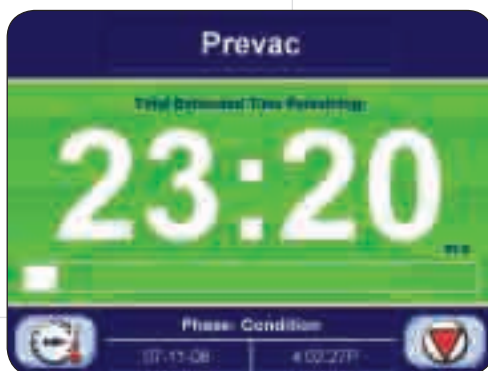
- > On-board permanent ink printer
- > Instrument tracking system interface
- > Proactive remote monitoring system

High performance

- > Precision control – consistent, reliable processing
- > 12 programmable cycles – gravity, prevacuum, liquid and optional steam flush pressure pulse (SFPP)
- > Faster, deeper vacuum – improved conditioning and drying



Bold color graphics clearly indicate cycle phase and status



Large “time remaining” display is visible from across the department

Elliptical chamber provides maximum capacity for maximum productivity



AN EVOLUTIONARY ADVANCE IN FORM AND FUNCTION

Open the door and look inside. This is where AmSCO Evolution's unique shape really shines, providing consistent quality, reliability and productivity beyond other chamber designs.

Evolution's inherently strong round or elliptical form promotes even pressure distribution within the chamber. The 26" wide chamber opening facilitates the loading of wide instrument sets and the processing of large volumes of instruments with minimal steam consumption. The fully jacketed chamber promotes even heating and minimizes the formation of excess condensation. Evolution's steam activated gasket lessens the possibility of air entering the chamber, helping to ensure safe, efficacious processing for your patients.

Staff safety and productivity are enhanced with the new Evolution loading system and patented door lock system. The self-aligning transfer carriage makes loading effortless and the loading car nearly doubles instrument processing capacity compared to previous generation sterilizers. Operator contact with hot load contents is virtually eliminated and the low-effort door lock opens in seconds.

With a unique form, which improves function and helps to reduce operating costs over time, Evolution is an advance worth looking into.



Round chamber provides strength, durability and efficiency



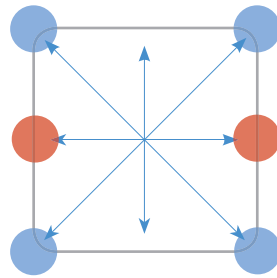


One-piece door gasket requires no lubrication and is warranted for two years

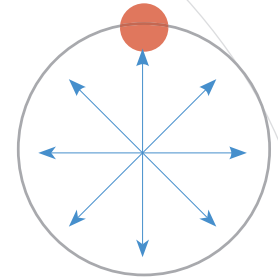


Evolution features an ergonomic loading system with precision alignment

Evolution eliminates the stress points associated with 90° bends in chamber metal.



Inherently strong shape promotes even pressure distribution.



Amsco Evolution's unique features combine to optimize functionality and create maximum value for healthcare facilities and patients alike.

Quality

- > Corrosion resistant, solid 316L stainless steel construction – chamber and jacket
- > Fewer welds – less metal fatigue
- > Fully jacketed – less internal condensation

Productivity and efficiency

- > Wide chamber
- > High capacity loading

Staff and patient safety

- > Easy open doors
- > Ergonomic loading equipment
- > Steam activated gasket

Productivity Comparison

Sterilizer	Chamber Size	Trays per Load	Lbs. per Tray	Lbs. per Load*
Evolution	66"	20	25	500
Previous Generation	60"	15	17	255

*Validated load weight



Our manual door lock mechanism on hinged-door models requires minimal time and effort.

AN EVOLUTIONARY ADVANCE IN INSTALLATION AND OPERATION

Space is always at a premium in the sterile processing department. To minimize service clearance requirements, Evolution's exquisitely engineered modular piping and electrical system can be rolled into place to the left or right of the chamber – with all the connections completed in about five minutes.

Leading edge plumbing components work together in a freestanding design that makes perfect sense for ease of installation, operation and service accessibility.

But inside is where quality parts make a real difference in system performance and uptime. Evolution's modular piping system features reliable, high performance Burkert valves to minimize service and maintenance requirements. Sensors securely transmit information to STERIS's ProConnect™ remote monitoring system to proactively monitor system performance and improve service support - all to keep your department at its most productive.*

The Evolution high efficiency two-stage vacuum pump improves drying and reduces water usage compared to other vacuum systems. Additional sensors minimize water and steam consumption to help reduce operational costs.



Long-life Burkert valves for maximum uptime



Quick, flexible connections to utilities and drain. Available with stainless piping and triclamp fittings.



*Requires connection to the ProConnect Response Center.



Completely modular,
completely portable



Powerful 72 kw integrated
steam generator in carbon or
stainless steel



Two-stage vacuum
pump reduces water
consumption and provides
quick, quiet, consistent
chamber evacuation

The Amsco Evolution modular piping system provides your department with tangible benefits beyond the norm.

- > Quick, easy, flexible installation that conserves valuable department space
- > Maximum system uptime and productivity
 - Reliable, long-life components
 - Improved service accessibility
 - Proactive remote monitoring system
 - Improved drying
 - Available clean steam capability
- > Economical, green operation
 - High efficiency electric vacuum pump
 - Sensor technology minimizes utilities usage

AMSCO EVOLUTION – ACCESSORIES

Evolution can be accessorized to meet specific environmental and workflow requirements for maximum productivity and improved throughput in your Sterile Processing Department.

Door Options and Cabinet Packages

- > All models can be recessed in the wall or fully enclosed in a cabinet.
- > Evolution is available with manual hinged or fully automated door operation.

Hinged



Chamber Dimensions
26 x 37.5 x 42in
26 x 37.5 x 54in
26 x 37.5 x 66in

Horizontal



Chamber Dimensions
26 x 37.5 x 42in
26 x 37.5 x 54in
26 x 37.5 x 66in

Vertical



Chamber Dimensions
26 x 37.5 x 39in
26 x 37.5 x 49in
26 x 37.5 x 61in



Loading/Unloading System

- > High capacity for maximum throughput
- > Eliminates operator handling of hot loads
- > Swivel casters for easy maneuverability
- > Low profile docking mechanism for easy alignment
- > Racks and shelves for selected chamber sizes

Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber



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RELIANCE® VISION® SINGLE-CHAMBER WASHER/DISINFECTOR

APPLICATION

The Reliance Vision Single-Chamber Washer/Disinfector is intended for use in the cleaning and intermediate level disinfection of soiled reusable utensils, trays, glassware, bedpans and urinals, rubber and plastic goods, simple hard-surfaced rigid surgical instruments (such as forceps and clamps), theater shoes and other similar and related items found in healthcare facilities.

DESCRIPTION

The Reliance Single-Chamber Washer/Disinfector is a mechanical washer/disinfector equipped with an Allen-Bradley SoftLogix™ PC-based control system¹. Three chemical injection pumps are included in a standard washer/disinfector with up to two additional chemical injection pumps (accessories) available if desired. The washer is available in a double-door configuration.

The washer/disinfector is designed with five preprogrammed cycles (Instruments, Utensils, Plastic Goods, Gentle Cycle and Ortho.) and one decontamination cycle. The washer/disinfector also features 15 open cycles for customized programming to meet specific operating requirements.

Cycles operate through a combination of the following phases: Pre-Wash, Enzyme, Wash, Rinse, Thermal Rinse and Drying.



(Typical only - some details may vary.)

¹ SoftLogix™ is a trademark of Allen-Bradley, a Rockwell Automation Company.

The Selections Checked Below Apply To This Equipment

VOLTAGE*

Steam-Heated Washer/Disinfector

- 200/208 V, three-phase, 60 Hz
- 200/208 V, three-phase, 50 Hz
- 460/480 V, three-phase, 60 Hz
- 380/400/415 V, three-phase, 50 Hz

Electric-Heated Washer/Disinfector

- 460/480 V, three-phase, 60 Hz
- 380/400/415 V, three-phase, 50 Hz

ACCESSORIES**

- Two-Level Manifold Rack**
- Three-Level Manifold Rack**
- Four-Level Manifold Rack+
(Height: 22-1/4" [565 mm])**
- Four-Level Manifold Rack +
(Height: 23-3/4" [603 mm])**
- Five-Level Manifold Rack**
- Multi-Function Rack For Large Items
- Multi-Function Rack For Small Items
- Small Mesh Instrument Tray**

ACCESSORIES (CONT'D)**

- Flexible Hold-Down Screen**
- Universal Transfer Cart
- Transfer Cart
- Air Compressor
- Multi-Voltage Transformer
- Remote Control Extension,
50' (15 m) Load Side
- Remote Control Extension,
50' (15 m) Unload Side
- Side Exterior Panels
- Condensate Return Cool Down Kit
(For Steam-Heated Washer/Disinfector Only)
- Drain Discharge Cool Down Kit
- Seismic Tie-Down Kit
- Additional Chemical Pump
 - Pump 3 (For Polystyca® Ultra Concentrate Chemicals)
 - Pump 4 (For Other Detergents)

REMOTE MONITORING

- ProConnect® Response Center (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports) Available Only in U.S., Canada and Latin America.

OPTIONS

- Language Package
 - French
 - Spanish
- Process Data Validation System (PDVS)
- Control Enhancement System
- Non-Vented System
- 40 Amp Minimum Circuit Protection

* Careful consideration should be given to voltage selection prior to ordering. Later changes require substantial field modification.

** See separate product literature for material handling accessories.

+ Only compatible with Vision Single-Chamber Washer/Disinfectors.

Item _____

Location(s) _____

STANDARDS

This Reliance Vision Single-Chamber Washer/Disinfecter meets the applicable requirements of the following standards, **as certified by UL:**

- Underwriters Laboratories (UL) Standard UL 61010-1, Second Edition: 2005.
- Canadian Standards Association (CSA) CAN/CSA-C22.2 N° 61010-1, Second Edition.

Governing Directive for affixing of CE mark:

Medical Device Directive 93-42-EEC as amended by 2007-47-EC.

Standards applied to demonstrate conformity to directives:

IEC 61010-1; IEC 61326-1; IEC 61010-2-040;

ISO 15883-1* Washer-Disinfectors - General requirements, terms and definitions and tests;

ISO 15883-2* Washer-Disinfectors - Requirements and tests for washers-disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, bowls, dishes, receivers, utensils, glassware, etc.

* *When the Process Data Validation System (PDVS) or the Control Enhancement System is present.*

SIZE (W x H x L)

Overall dimensions of a fully equipped washer/disinfecter:

42 x 80-3/4 x 32" (1067 x 2051 x 813 mm)

Loading height: 31" (787 mm) from the floor

Required ceiling height required: 94" (2388 mm) minimum

FEATURES

Washer is provided with two vertical airtight sliding doors

to facilitate accessory rack or basket entering and exiting the chamber. Doors are automatically operated by pneumatic cylinders. Doors are made of double tempered glass to allow the operator to view the chamber interior with the doors closed and, while the cycle is in progress, to safely touch the door.

The access panels permit easy access to the washer/disinfecter components for maintenance purposes.

The printer allows the operator to print process time, date and washer/disinfecter malfunction data. Specific information is printed from the Cycle mode (cycle in process parameters and alarms), Service mode (washer/disinfecter configuration values and setup) and Supervisor mode (supervisors list and supervisor setup).

Chemical injection pumps (three) are included in the standard washer/disinfecter with up to two additional chemical injection pumps (accessories) available if desired. The pumps are located in a separate room and connected to washer/disinfecter with up to 50' (15 m) of piping.

Pumps allow the use of the Prolystica® Ultra Concentrate chemicals. Each ultra concentrated product is 10 times the concentration of a traditional product, therefore 10 times less chemical is injected to properly process the cycles.

The peristaltic pumps automatically add a selected quantity of detergent. The pumps give flexibility to wash with a neutral process, an enzyme process, a dual alkaline/enzyme and enzyme/neutralizer process or to vary the chemical used depending upon the load. One pump is dedicated to lubricant or rinse aid to be injected during the Thermal Rinse phase.

Pumps automatically add:

- Ultra Concentrates: 1/40, 3/80, 1/20, 3/40 and 1/10 oz/gal (0.2 to 16 mL/L).
- Regular Chemicals: 1/8, 1/4, 3/8, 1/2, 3/4, 1/10, 1-1/2 and 2 oz/gal (0.2 to 16 mL/L).

A low-level sensor is included to indicate when the detergent level in the container is low or when insufficient chemical is available for the next cycle.

The control monitors the volume of chemicals injected and indicates if this parameter meets specified criteria during all specific phases.

An air inlet pre-filter and a High Efficiency Particulate Air (HEPA) filter are located behind upper access panel on unload side of washer/disinfecter. Chamber incoming air passes through the HEPA filter to prevent any contamination of the load.

The chamber is constructed of argon-welded 16-gauge #304 stainless steel (No. 4 finish). The chamber is of sanitary-type design for complete drainage. Some horizontal fixed surfaces are sloped, overlapping metal sheets are minimized to reduce hard-to-clean locations, round corners ease the self-cleaning of the sump. The bottom of the chamber is clear of any parts.

The chamber includes a light on the chamber ceiling to illuminate the chamber interior.

A removable debris screen is located in the chamber sump and can be accessed through the chamber load door for maintenance purposes. The debris screen prevents large debris from entering the piping system and pump. The screen is provided with a handle and is easily removed for cleaning under running water.

Rotary spray arm assemblies (two) are located in the chamber (one at the top and one at the bottom) and are positioned to reach all surfaces of the load. These redesigned rotary spray arm assemblies are easily assembled/disassembled and can be accessed through the chamber load door. The Total Coverage spray arm design provides a wider, more uniform area of coverage as compared to standard spray arms.

Stainless-steel pump is an open impeller pump powered by a dual-speed motor to allow two ranges of flow rate/pressure. High pump speed provides the equivalent capacity of an 11.7 hp (8.7 kW) motor and low pump speed provides the equivalent capacity of a 2.95 hp (2.2 kW) motor. Pump motor is a TEFC class H (totally enclosed fan cooled) motor, electro-polished and of sanitary features and is equipped with an overload protection and sealed bearings (not requiring periodic lubrication) with up to 100 psig (689 kPa) at pump outlet. Pump is of 316L stainless-steel construction.

Water Filtration System includes a unique self-cleaning centrifugal filter. After water passes through the sump filter (stopping larger debris and loose instrument parts) it continues through a centrifugal filter (removing smaller debris). This debris does not return to wash chamber or potentially plug spray arm assemblies and is automatically flushed the washer/disinfector between every cycle.

Heating coils (steam or electric) at the bottom of the chamber (sump) raises and maintains water temperature up to 180°F (82°C) during the Wash phase and up to 194°F (90°C) during the Thermal Rinse phase.

Double-walled, insulated construction of chamber exterior reduces heat loss and noise level (as low as 58.2 dB) to the work area.

A vented system is supplied enabling chamber vapors to be exhausted to the building exhaust system through a 3.0" (76 mm) OD vent connection located on top of the washer.

The drying system is a uniquely designed four-sided inflow drying pattern to produce a high-flow air curtain. This air-curtain provides broad, efficient, drying while using a combination of recycled and non-recycled air within wash chamber. Air is manifolded and circulated through the piping and accessory providing an energy efficient system ensuring a complete chamber air coverage. Fresh air is drawn through a HEPA filter. The drying system includes a 3 HP (2.2 kW) blower to remove vapor from chamber prior to the doors opening. Three heater elements totaling 15.8 HP (11.8 kW) heat maintain chamber air temperature.

Decontamination cycle is provided for weekly cleaning of the chamber, piping and accessories. Decontamination cycle is programmed at factory and cannot be modified by the operator.

Top utility connections facilitate installation. All utilities (except drain connections) are connected on the top of the washer/disinfector (refer to equipment drawing 920-508-564).

ProConnect Response Center - Minimize response time and minimize unscheduled downtime on your equipment. Secure, internet-based, 24/7 remote monitoring enables both Predictive Maintenance as well as instant alerts to STERIS when there is an equipment alarm. Also included are priority technical support, online parts ordering, equipment performance dashboards, and scheduling service at eservice.steris.com.

CYCLE DESCRIPTION

IMPORTANT: *STERIS does not intend, recommend or represent in any way that this Reliance Vision Single-Chamber Washer/Disinfector be used for the terminal disinfection or sterilization of any regulated medical device. The Reliance Vision Single-Chamber Washer/Disinfector is intended only to perform an initial step in the processing of soiled, reusable medical devices. If medical devices are contacting blood or compromised tissues, such devices must be terminally processed in accordance with device manufacturer's instructions and/or Good Hospital Practices before each use in human patients.*

Once cycle is selected, the washer/disinfector automatically processes the load through the following standard phases (when using Prolystica Ultra Concentrate):

- **Pre-Wash phase** – Cold or cold and hot water from building supply fills the chamber. The water is recirculated through the rotary spray arm assemblies for a selected time period. Water is drained upon phase completion. Up to four Pre-Wash phases can be selected per customized cycle.

- **Wash phase** – Cold and/ or hot water from building supply fills the chamber while detergent is automatically added at the beginning of the phase. The phase solution is recirculated through the rotary spray arm assemblies for a selected time period. If heated water is selected, water is heated by a steam or electric coil in the sump. Solution is drained upon phase completion. Up to four Wash phases can be selected per customized cycle.

If the second stage is selected, cold and/ or hot water from building supply fills the chamber at phase beginning. Load is washed for a selected time period (factory setting) with enzymatic cleaner-injected heated water (factory setting). After the selected time period, neutral detergent is injected while injected water is heated (factory-setting). Then, load is washed for a selected time period with both chemicals. Solution is drained upon completion. Up to four Wash phases can be selected per customized cycle.

- **Rinse phase** – Hot or pure water from building supply fills the chamber. The phase solution is recirculated through the rotary spray arm assemblies for a selected time period to rinse load and to cool chamber. Solution is drained upon completion. Up to four Rinse phases can be selected per customized cycle.

- **Thermal Rinse phase** – Hot or pure water from building supply fills the chamber. If needed, instrument lubricant or rinse aid is automatically added during the filling at phase beginning. This solution is recirculated through the rotary spray arm assemblies for a selected time period. Water is heated by a steam or electric coil in the sump. Water can be heated from 180 to 194°F (82.2 to 90°C). Solution is drained upon completion. Only one Thermal Rinse phase can be selected per customized cycle.

- **Drying phase** – Air is recirculated through the accessories and the chamber while a portion is exhausted to the vent for a selected time period. Air is also directed through manifolded racks for fast drying. Air can be heated at the LOW setpoint (180°F [82.2°C]) or at the HIGH setpoint (220°F [104.4°C]).

SAFETY FEATURES

Doors are equipped with a **door interlock safety mechanism** that prevents load side doors from opening at the same time as the unload side door to avoid cross-contamination. When a cycle is in progress, the **door interlock mechanism** prevents either door from being opened without aborting the cycle.

Chamber doors are equipped with an **obstruction sensor** to detect any door obstruction. If an obstruction is present, door automatically opens.

OPTIONAL FEATURES

Non-Vented System – Chamber vapors are exhausted through a condenser to the room. No additional duct work is required.

Control Enhancement System – The Reliance Vision Single-Chamber Washer/Disinfector can be fitted with an optional Control Enhancement System. This system monitors the parameters of the sump and drying temperature and indicates if the parameters are within the passing criteria during all specific phases.

This system also includes the Rotary spray arm assembly detection option.

The control generates alarms if data recorded independently is out of the passing criteria. This raises the level of confidence that the cycle has been successfully completed within predetermined parameters.

Process Data Validation System (PDVS) – The Reliance Vision Single-Chamber Washer/Disinfector can be fitted with an optional PDVS. This system documents and measures the parameters of the sump and drying temperature, the pump outlet pressure and the pure water supply conductivity (measured directly to the drain) to help ensure the parameters are within the passing criteria during all specific phases.

This system also includes the Rotary spray arms detection option.

The control generates alarms if data recorded independently is outside the range of the passing criteria. This raises the level of confidence that the cycle has been successfully completed within predetermined parameters.

Rotary Spray Arms Detection – The Rotary spray arms detection option is offered within the optional Control Enhancement System or the optional PDVS.

This feature detects if the chamber and accessory racks rotary spray arm assemblies are rotating freely while a cycle is in progress. If the rotary spray arms are not rotating freely, a warning is displayed on the touch screens. The operator then decides if the cycle should be aborted.

ACCESSORIES

Air compressor, complete with automatic tank drain and pressure switch, is available in either 110-115 V or 200-240 V, 50/60 Hz, single-phase. Oilless air compressor operates at 69 dB sound level. Wiring at installation not provided by STERIS.

Multi-Voltage Transformer is available for facilities requiring the following configurations:

- 600 V, three-phase, 60 Hz, steam or electric-heated;
- 240 V, three-phase, 60 Hz, steam or electric-heated;
- 200/208 V, three-phase, 60 Hz, electric-heated.

Use the multi-voltage transformer combined with a 480 V, three-phase, 60 Hz, steam or electric-heated washer/disinfector.

Drain discharge cool down ensures water drained at the end of each phase, from the chamber sump to the building drain system, does not exceed 140°F (60°C). If water temperature in sump is higher than 140°F (60°C), cold water is automatically added to reduce the water temperature discharged into the building drain system.

NOTE: This accessory can add up to 120 seconds to the standard drain time.

Condensate return cool down allows for the connection of a condensate return outlet to the drain when a condensate return line is not available in the building. Cold water is always injected in the drain piping when condensate is sent to drain line (or whenever steam valve is open). Condensate return cool down keeps the temperature in the drain piping below 140°F (60°C).

Remote control extensions allow the control to be relocated up to 50' (15 m) away from the washer/disinfector, and is available on the load or unload side.

Seismic anchorage system includes a seismic report for proper installing and securing of washer/disinfector to the building floor. Washer/disinfector is designed to comply with Seismic Zone 3 and 4 requirements.

Flexible hose for cannulated instruments provides easy access to flush up to four lumen devices per level (except top level) on the Vision Single Chamber racks except for the Five-Level rack that is supplied with two lumens per level (and none on top level). This accessory can be added and removed to meet user requirements.

Flexible hold-down screens (easy to use silicone hold-down accessories) are used in conjunction with Multi-Function rack for small items.

Vision Multi-Function Racks:

- For Small Items; is designed to hold small basins, small bowls, light handles, glass cups, etc. Rack can be placed on any level of the two- or three-level Vision Manifold rack.
- For Large Items; is designed to hold trays, basins, bowls, theatre shoes, baby bottles, bedpans, etc. Rack can be placed on lower level of the two-level Vision Manifold rack.

CONTROL SYSTEM

The user friendly PC control provides immediate feedback on all wash cycle critical parameters (including time, temperature, chemical injection and spray arm rotation [option required]).

The Allen-Bradley SoftLogix™ PC-based control system¹ monitors and controls washer/disinfector operations and functions while also monitoring washer/disinfector current status (including current chamber temperature and time remaining in phase).

The control system offers four operation modes: Ready, Cycle, Supervisor and Service. The Supervisor and Service modes are password protected while Ready and Cycle modes are always available.

Washer/disinfector is equipped with two control system touch screens: one on the load side and the other on the unload side.

1. SoftLogix™ is a trademark of Allen-Bradley, a Rockwell Automation Company.

Identical information is displayed on both touch screens. These screens are touch-sensitive color graphics screens. The operator can only silence the buzzer and open or close the unload door using the unload side touch screen. Other actions are performed using load side touch screen.

An audible warning system is provided to alert the operator when necessary.

Each cycle program is operator adjustable to meet specific processing needs. Cycle programming is protected by security access code set by supervisor.

The control system features preprogrammed temperature ranges for each cycle. If the operator selects an out-of-range temperature setting when modifying the cycle values, the control system alerts the operator with a message and halts further operation until the correct value is entered.

CONTROL VALUE SETTINGS

Supervisor-adjustable control settings:

- **Supervisor management** – configures the Supervisor name and password.
- **Cycle management** – edits cycle name and cycle parameter and also allows cycle selection.
- **Cycle description** – changes the name, icon and description of the current selected cycle.
- **Parameters** – changes the different cycle parameters.
- **Setup** – adjusts the washer/disinfector setup options.
- **Time set** – sets current time of day for displays and printouts.
- **Date set** – sets current date for displays/printouts.
- **Printer enabled** – enables the printer.
- **Hospital name** – modifies hospital name.
- **Department name** – modifies department name.
- **Chemical pump name** – modifies the name of all chemical pumps.
- **Temperature/pressure units** – selects the temperature unit as well as pressure units.
- **Control enhancement system (option)** – modifies control enhancement system parameters.
- **PDVS (option)** – modifies PDVS parameters.

INSTALLATION

The Reliance Vision Single-Chamber Washer/Disinfector is designed to be a freestanding unit. The minimum clearance between the finished floor and the ceiling is 94" (2388 mm). Once installed, the washer/disinfector is designed for easy access for maintenance purposes.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning annual maintenance programs. Under the terms of these programs, preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and help

minimize untimely or costly schedule interruptions. STERIS maintains a worldwide staff of well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training and expert repair services. Contact STERIS for details.

NOTES

1. Customers must ensure the washer/disinfector stands on a level, noncombustible floor.
2. STERIS recommends shutoff valves and vacuum breakers (not provided by STERIS) be installed on service lines.
3. STERIS recommends the illumination of the service area along with providing a convenience outlet for maintenance.
4. Clearances shown are minimal for installing and servicing the washer/disinfector.
5. Always follow local electrical codes and safety-related work practices for wiring.

UTILITY REQUIREMENTS

Important: Refer to equipment drawing 920-508-564 for details.

Telecommunications Requirements for ProConnect Response Center

- An active wired or wireless TCP/IP network, 10/100BaseT Ethernet connection at each piece of connected equipment, Internet access and an IP address on the facility network.
- 5 GB of available hard drive space to run the service agent. Can be installed on:
 - » Dedicated PC running Windows XP with 2.8GHz processor, 512MB of RAM
 - » Virtual Machine
 - » Server
- Local STERIS login at the PC with a username of STERIS and the password should be ProConnect (STERIS Customer Number).
- Ethernet cable to connect each piece of STERIS equipment and the dedicated PC to the facility network.
- 110V power receptacle at each piece of connected equipment.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

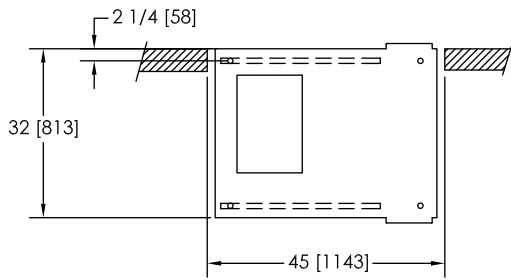
The base language of this document is ENGLISH. Any translations must be made from the base language document.

Refer to the Following Equipment Drawing for Installation Details

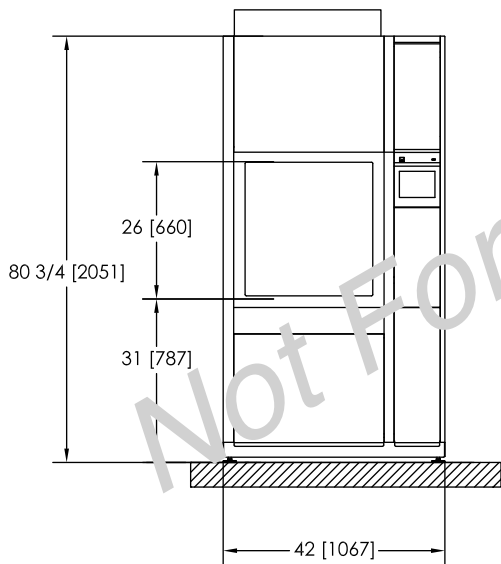
Equipment Drawing Part Number	Equipment Drawing Title
920-508-564	Reliance® Hamo® Vision® Single Chamber Washer/Disinfector

Dimensions are typical - drawing is not to scale.

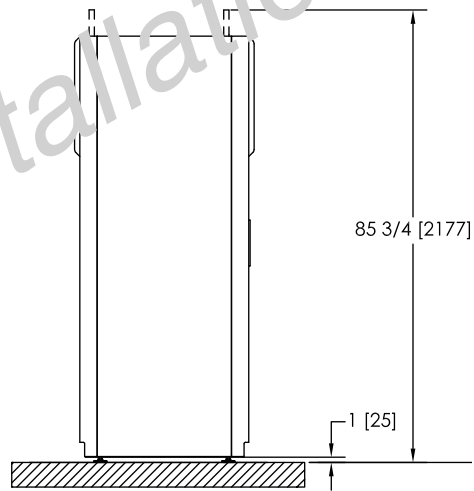
Dimensions are inches (mm)



Top View



Front View



Side View

Not For Installation

For Further Information, contact:



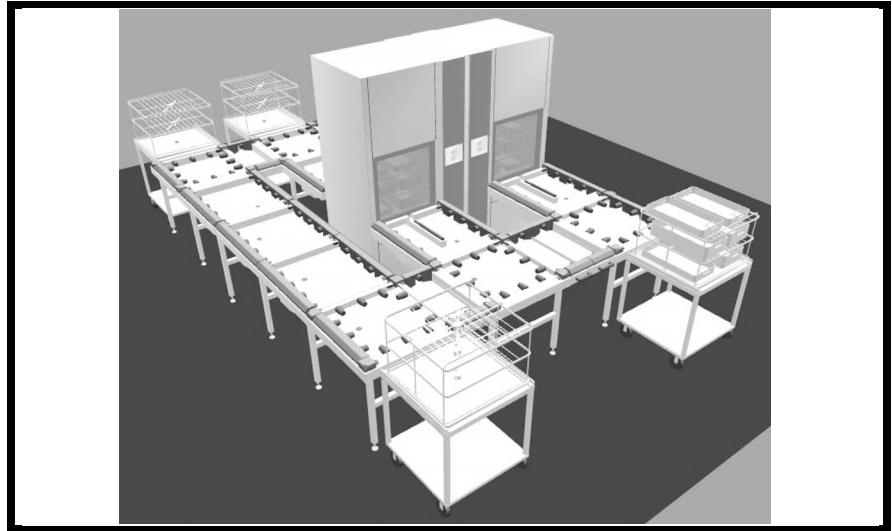
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APPLICATION

The SCS Conveyor System is a flexible, semi-automated (motorized and non-motorized conveyors) or fully automated, modular conveyor system intended to heighten facility productivity and efficiency. The conveyor system is designed to link compatible, multiple, single-chamber washers and/or multi-chamber washer/disinfectors in a closed loop system for hands-free handling of baskets and accessories used to process soiled reusable utensils, trays, glassware, bedpans and urinals, rubber and plastic goods, simple hard-surfaced rigid surgical instruments (such as forceps and clamps) and other similar and related articles found in healthcare and life sciences facilities.



(Typical only - some details may vary.)

The Selections Checked Below Apply To This Equipment

STANDARD LAYOUTS:

Load/Unload Configurations

- SCS-L-011 (Genfore, Synergy, 444, 450)
- SCS-L-013 (Genfore, Synergy, 444, 450)
- SCS-L-015 (Genfore, Synergy, 444, 450)
- SCS-L-017 (Genfore, Synergy, 444, 450)
- SCS-L-012 (Vision Single-Chamber)
- SCS-L-014 (Vision Single-Chamber)
- SCS-L-016 (Vision Single-Chamber)

Return Line Configurations

- SCS-L-001
- SCS-L-002
- SCS-L-003
- SCS-L-004
- SCS-L-006
- SCS-L-007

Semi-Automated Configurations

- SCS-L-005
- SCS-L-010
- SCS-L-008 (Use with 180° rotation)
- SCS-L-009 (Use with 180° rotation)

INDIVIDUAL CONVEYOR MODULES

- SCS-B
- SCS-2W
- SCS-FO
- SCS-2W-FO
- SCS-LE
- SCS-2W-LE
- SCS-E
- SCS-E-LG
- SCS-SE
- SCS-SE-LG

INDIVIDUAL CONVEYOR MODULES (Cont'd)

- SCS-BM
- SCS-M-FI
- SCS-M-FO
- SCS-M-RD
- SCS-FA-L
- SCS-FA-L-ULG
- SCS-FA-L-DLG
- SCS-FA-L-2LG
- SCS-FA-R
- SCS-FA-R-ULG
- SCS-FA-R-DLG
- SCS-FA-R-2LG
- SCS-FAU-L
- SCS-FAU-L-ULG
- SCS-FAU-L-DLG
- SCS-FAU-L-2LG
- SCS-FAU-R
- SCS-FAU-R-ULG
- SCS-FAU-R-DLG
- SCS-FAU-R-2LG
- SCS-FAU-LE

ACCESSORIES*

- Legs with Anchorage
- Transfer Cart Adaptor
- Plastic Side Guide
- Connection Pack (Motorized Loading): To One Reliance 444, 450, Synergy, Genfore, Vision Single-Chamber or Multi-Chamber Unit
- Additional Plastic Side Guide for SCS-FA
- Drive Side Transfer Cart Adaptor for SCS-FA with GO Pushbutton
- GO Pushbutton

ACCESSORIES (Cont'd)*

- Transfer Cart Adaptor for Non-Motorized Side on SCS-FA with GO Pushbutton
- Connection Pack (Non-Motorized Loading): To One Reliance 444, 450, Synergy, Genfore, Vision Single-Chamber or Multi-Chamber Unit
- Connection Pack: To One Reliance/Hamo Vision Multi-Chamber Washer/Disinfecter
- Seismic Anchorage Kit (SCS-07)
- Electric Power Supply
- Pressure Release Pushbutton for Reliance 444 or 450 Unit
- Drain Flexible Hose Connection Pack
- Connection Pack (Non-Motorized Loading and Non-Motorized Unloading): To One Reliance 444, 450 or Synergy Unit
- Connection Pack (Motorized Loading): To One Reliance/Hamo Vision Single-Chamber Washer/Disinfecter
- Connection Pack (Non-Motorized Loading): To One Reliance/Hamo Vision Single-Chamber Washer/Disinfecter
- Connection Pack (Non-Motorized Loading and Non-Motorized Unloading): To One Reliance/Hamo Vision Single-Chamber Washer/Disinfecter
- Recess Installation Pack for Motorized Return Door

* Refer to **Table 6** for description of accessories.

Item _____

Location(s) _____

DESCRIPTION

The SCS Conveyor System is designed to quietly (minimal operational sound level) load/unload 24 x 24" [610 x 610 mm] Amscomatic and Reliance® Series racks, and to interface with the following washers:

- Reliance® Genfore™ Washer/Disinfector
- Reliance® 444 Single-Chamber Washer/Disinfector (from S/N 3624500xxx)
- Reliance® 450 Glassware Washer (from S/N 3624502xxx)

NOTE: For Reliance 444 and Reliance 450 washers up to S/N 3624402xxx, call STERIS to verify if SCS Conveyor System can be made compatible.

- Reliance® Synergy® Washer Disinfector
- Reliance® Vision® Single-Chamber Washer/Disinfector
- Reliance® Vision® Multi-Chamber Washer/Disinfector (not compatible to Load/Unload conveyors)

The SCS Conveyor System also interfaces with the following transfer carts:

- FD21-800 (Reliance 444, 450, Synergy, Genfore and Vision Single-Chamber and Multi-Chamber)
- FD61-700 (Universal Transfer Cart).

STANDARDS

This **SCS Conveyor System** meets the applicable requirements of the following standards, **as certified by UL:**

- Underwriters Laboratories (UL) Standard UL 61010-1 Second Edition
- Canadian Standards Association (CSA) CAN/CSA C22.2 No. 61010-1 Second Edition

Governing Directive for the affixing of the CE mark:

- Machinery Directive 2006/42/EC

Standards applied to demonstrate conformity to the directives:

- International Standard IEC 61010-1 Second Edition
- International Standard IEC 61326-1:2005

Conformity to other applicable directives:

- Electromagnetic Compatibility 2004/108/EC
- Low Voltage 2006/95/EC

SIZE (W x H x L)

All dimensions listed are for individual modules.

Overall dimensions:

- 31-3/4 x 31 x 31-3/4" (806 x 787 x 806 mm)

Other dimensions (SCS-FA):

- SCS-FA or SCS-FAU With One Lift Gate
 - » 41-3/8 x 31 x 31-3/4" (1041 x 787 x 806 mm)
- SCS-FA or SCS-FAU With Two Lift Gates
 - » 51 x 31 x 31-3/4" (1295 x 787 x 806 mm)

Normal height:

- 31" (787 mm) from the floor
- Height adjustment (range):
- 29 to 33" (737 to 838 mm)

FEATURES

NOTE: Expert STERIS Systems Planners must assist in designing a configuration to an existing or new system, focusing on the most efficient use of equipment and space.

Each conveyor type (see Table 1) is equipped with either free or motorized rollers. For motorized rollers, the drive mechanism is provided by a 65 W gear motor.

The conveyor frame is constructed of #304 stainless steel (No. 4 finish). The **Plastic Side Guides** are made of 3/16" (5 mm) thick blue ABS plastic.

The pneumatic cylinders are used to push/pull racks in and out of the process chamber, or to index racks automatically from a SCS-FA or to a SCS-FAU. The pneumatic guides are used to stabilize racks on all sides during automated change of directions.

The proximity sensors automatically detect basket position and are designed to operate in a soiled/wet environment.

Drip pans, located under the conveyor surface, allow for rack drainage collection following the loading/unloading process. A drain opening (sized for 1-1/2" NPT female adaptor) is provided in the drip pan for connection to the facility drain line or fitted with a bottle to collect drainage.

An additional **Plastic Side Guide (SCS-03 or SCS-26)** is supplied to close a conveyor side if a Transfer Cart Adapter (**SCS-02 or SCS-29**, accessory) is not required.

A lift gate conveyor (SCS-E-LG or SCS-SE-LG) can be supplied and easily opened by the user to allow access to the other side of the conveyor layout loop (typically used with cabinet washers installed side-by-side). SCS-FA-ULG, SCS-FA-DLG, SCS-FA-2LG, SCS-FAU-ULG, SCS-FAU-DLG and SCS-FAU-2LG have built-in motorized lift gates.

A motorized return door (SCS-M-RD) can be supplied and easily opened by the user to allow access to the other side of the conveyor layout loop (typically used with cabinet washers installed side-by-side).

NOTE: The door is equipped with an obstruction sensor to detect any door obstruction. If an obstruction is present, door automatically opens.

SCS Conveyor Solutions (see Table 1) is a flexible, modular system that allows workflow designs to be created for efficient transport and ergonomic handling of racks. The solutions range from simple load/unload designs to fully automated conveyor designs.

SAFETY FEATURES

The SCS Conveyor System is equipped with one electrical power supply (mounted under conveyor frame) for each four powered conveyors. To de-energize conveyor layout, either turn power supplies to **OFF** and wait for green indicator lights to turn OFF or (for conveyor types interfaced with a Reliance Synergy unit) press **EMERGENCY STOP** pushbutton.

For SCS-FO, SCS-2W-FO, SCS-FA or SCS-FAU conveyor types interfaced with a Reliance 444 washer/disinfector, a Reliance 450 washer or a Reliance/Hamo Vision Single-Chamber washer/disinfector, a pressure-release pushbutton is supplied as an accessory.

NOTE: Conveyors are never turned OFF unless the conveyor power supply ON/OFF switch or facility circuit breaker is in OFF position.

ACCESSORIES

The SCS Conveyor System is designed with a complete package of accessories (see **Table 2**) to enable great design flexibility.

CONTROL SYSTEM

Each conveyor equipped with a feed-in (FI) or feed-out (FO) system to load or unload a washer/disinfector or any fully automated conveyor (SCS-FA or SCS-FAU) is equipped (see **Table 5**) with a PLC controller. Other automatic conveyor designs use relays and proximity sensors to detect baskets and/or racks and control operation.

INSTALLATION

The SCS Conveyor System is designed to be freestanding. The minimum clearance between the finished floor and the conveyor is 29" (737 mm). The minimum service clearance for the motorized conveyors (motorized side) is 10" (254 mm) if access is available on both sides of the conveyor; 17" (432 mm) if access is only on one side of the conveyor.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS concerning annual maintenance programs. Under the terms of these programs, preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and help minimize untimely or costly schedule interruptions. STERIS maintains a worldwide staff of well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training and expert repair services. Contact STERIS for details.

NOTES

1. Conveyors are designed to give optimal results in an indoor environment where the temperature is maintained between

41-104°F (5-40°C) and maximum relative humidity is 80% for temperatures up to 88°F (31°C) decreasing linearly to 50% relative humidity at 104°F (40°C).

2. Workflow arrows affixed under each non two-way conveyor must point in correct direction.
3. STERIS recommends shutoff valves (not provided by STERIS) be installed on air lines and disconnect switches (not provided by STERIS) be installed on electrical supply lines.
4. Clearances shown are minimal for installing and servicing the SCS Conveyor System.
5. Always follow local electrical and plumbing codes and safety-related work practices.
6. Customer must ensure conveyor stands on a noncombustible, non-slip, level floor.
7. Height adjustment (range) is 29 to 33" (737 to 838 mm).
8. Maximum of four powered conveyors per power supply. Each conveyor is individually connected (in parallel).
9. Customers must decide if drains are required and what type of connections are required.
10. Expert Systems Planners from STERIS must assist in designing a configuration to an existing or new system focusing on the most efficient use of space.

UTILITY REQUIREMENTS

NOTE: Refer to Equipment Drawing 920-506-414 for installation details and specifications.

Weight:

- Maximum conveyor operating weight (including basket/rack and load weight) is 135 lb (61 kg)
- Shipping weight for non-motorized conveyors is 60 lb (27 kg)
- Shipping weight for motorized conveyors is 94 lb (43 kg)
- Shipping weight for fully automated conveyors is 130 lb (59 kg)

Air (Connected to Washer Supply):

- 1/4" NPT (1/4" BSPT), 80 (dynamic) to 125 (static) psig (550-860kPa). Refer to appropriate Tech Data (SD553, SD786, SD855, SD856, SD867, SD895, SD896 and SD880).
- Operating consumption of 1 scfm (1.8 m³/min). Refer to washer technical data.

Drain:

- 1-1/4" (32 mm). See NOTES.

Electricity:

- 100 V, one-phase, 60 Hz, 15 Amp
- 200-240 V, one-phase, 50/60 Hz, 15 Amp
- 200-480 V, three-phase, 50/60 Hz, 15 Amp

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

Table 1. SCS Conveyor Solutions (Simple Load/Unload Design to Fully Automated Conveyor Design)

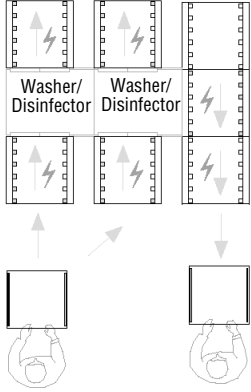
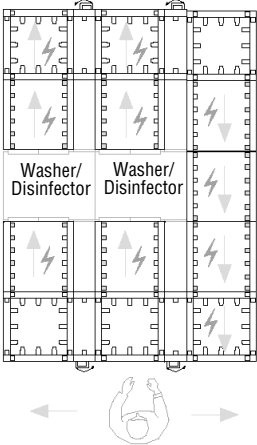
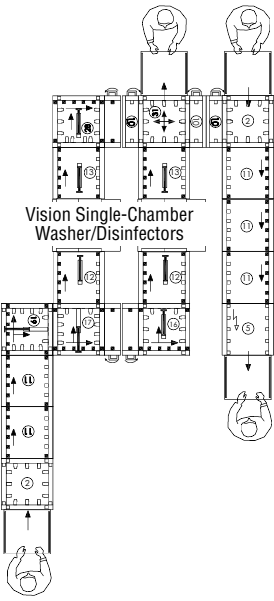
<p>Load/Unload SCS Conveyor</p> 	<p>Load/Unload SCS Conveyor Features:</p> <ul style="list-style-type: none"> • Load point at individual washer • Users select washer to feed • Manual rack transportation using TC • Stand alone return line • Low queue capacity
<p>Semi-Automated SCS</p> 	<p>Semi-Automated SCS Features:</p> <ul style="list-style-type: none"> • Multiple load points • Users select washer to feed • Manual rack transportation using conveyor • Connected return line • Moderate queue capacity
<p>Fully-Automated SCS</p> 	<p>Fully-Automated SCS Features:</p> <ul style="list-style-type: none"> • Set it and forget it – Single load point • Traffic manager selects washer • Automated rack transportation • Connected return line • Maximum queue capacity/foot print ratio

Table 2. Standard SCS Return Lines and Semi-Automated Configurations

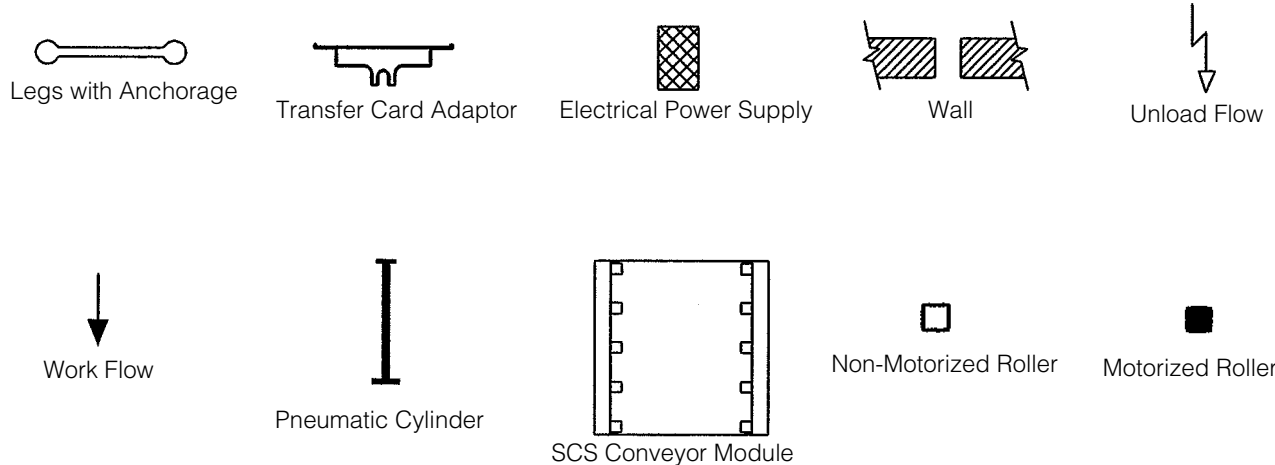
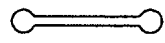
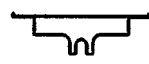





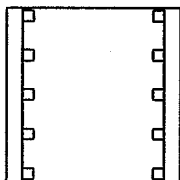


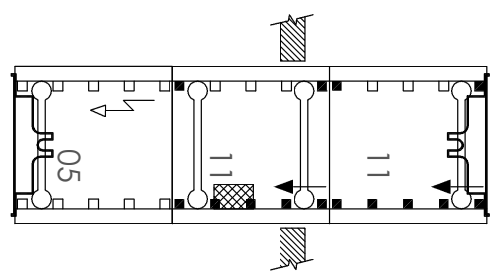
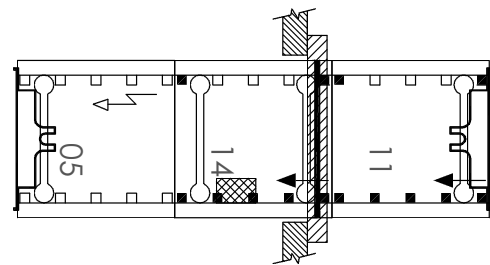
Configuration	Description
<p>LEGEND</p>  <p>  Legs with Anchorage  Transfer Card Adaptor  Electrical Power Supply  Wall  Unload Flow  Work Flow  Pneumatic Cylinder  SCS Conveyor Module  Non-Motorized Roller  Motorized Roller </p>	
<p style="text-align: center;">SCS-L-001</p> 	<p>Three module motorized return line. Return line provides the transportation of racks to the soiled side from the clean side.</p> <p>Configuration fits with a single-chamber washer/disinfector, single load and single unload modules.</p> <p>Please refer to Drawing 920-513-846.</p>
<p style="text-align: center;">SCS-L-002</p> 	<p>Three module motorized return line with an automated return line door. Return line provides the transportation of racks to the soiled side from the clean side with an automated return door to minimize cross-contamination. Configuration fits with a single-chamber washer/disinfector, single load and single unload modules.</p> <p>Please refer to Drawing 920-513-846.</p>

Table 2. Standard SCS Return Lines and Semi-Automated Configurations (Cont'd)

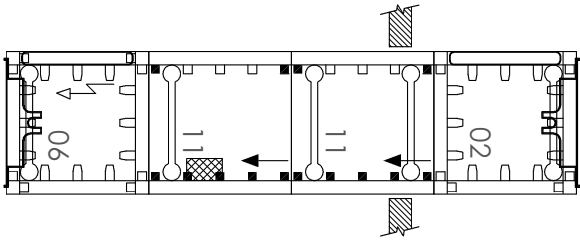
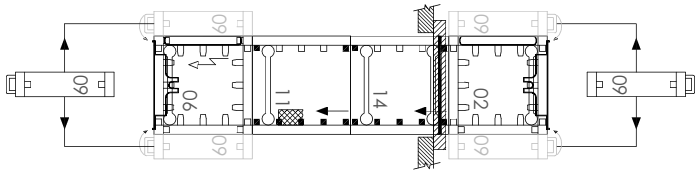
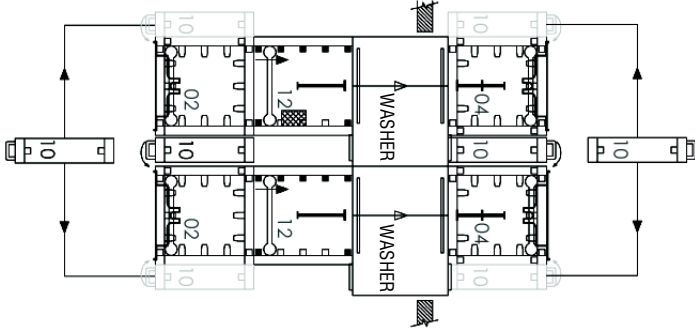
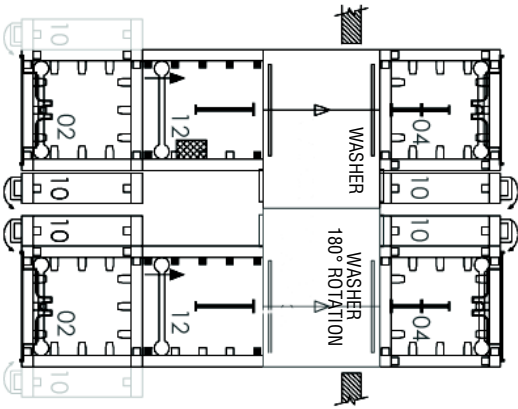
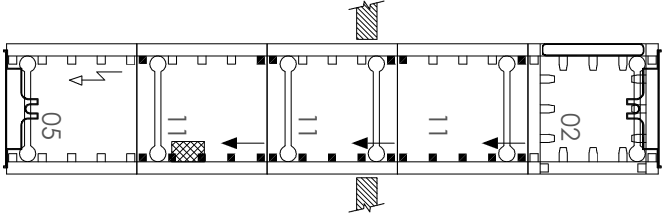
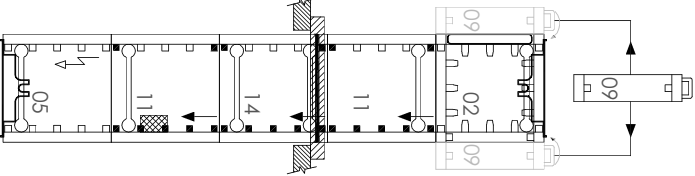
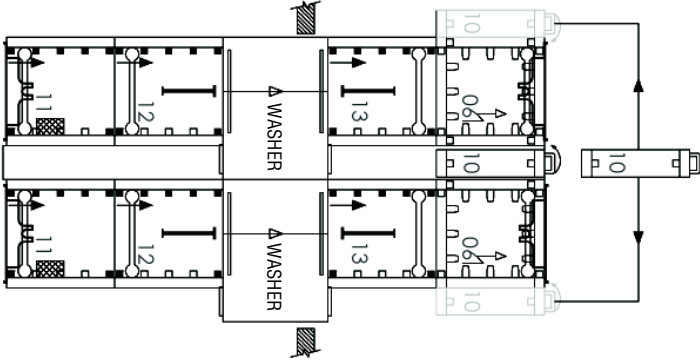
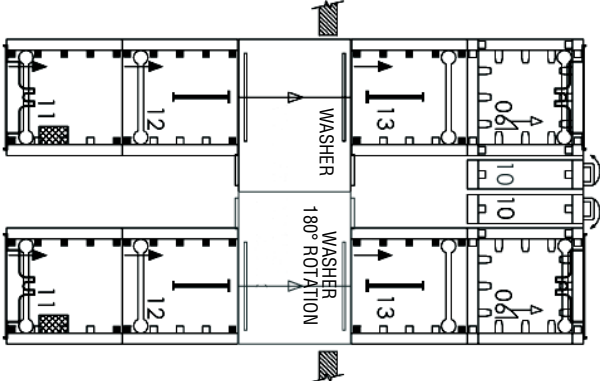
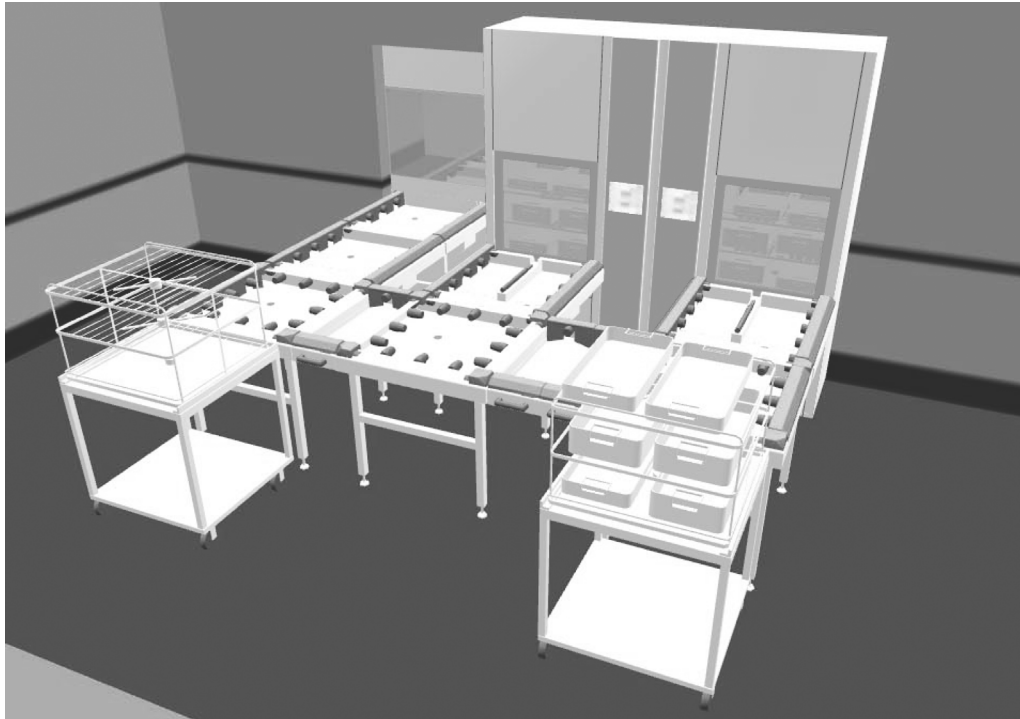
Configuration	Description
<p style="text-align: center;">SCS-L-003</p> 	<p>Four module motorized return line. Return line provides the transportation of racks to the soiled side from the clean side. Configuration fits with a single-chamber washer/disinfector, double load and single unload modules.</p> <p>Please refer to Drawing 920-513-813.</p>
<p style="text-align: center;">SCS-L-004</p> 	<p>Four module motorized return line with an automated return line door. Return line provides the transportation of racks to the soiled side from the clean side with an automated return door to minimize cross-contamination. Configuration fits with a single-chamber washer/disinfector, double load and single unload modules.</p> <p>Please refer to Drawing 920-513-813.</p>
<p style="text-align: center;">SCS-L-005</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-003 and SCS-L-004.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-813.</p>
<p style="text-align: center;">SCS-L-010</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-003 and SCS-L-004 with one washer rotated 180° and an additional SCS-SE-LG.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-813.</p>

Table 2. Standard SCS Return Lines and Semi-Automated Configurations (Cont'd)

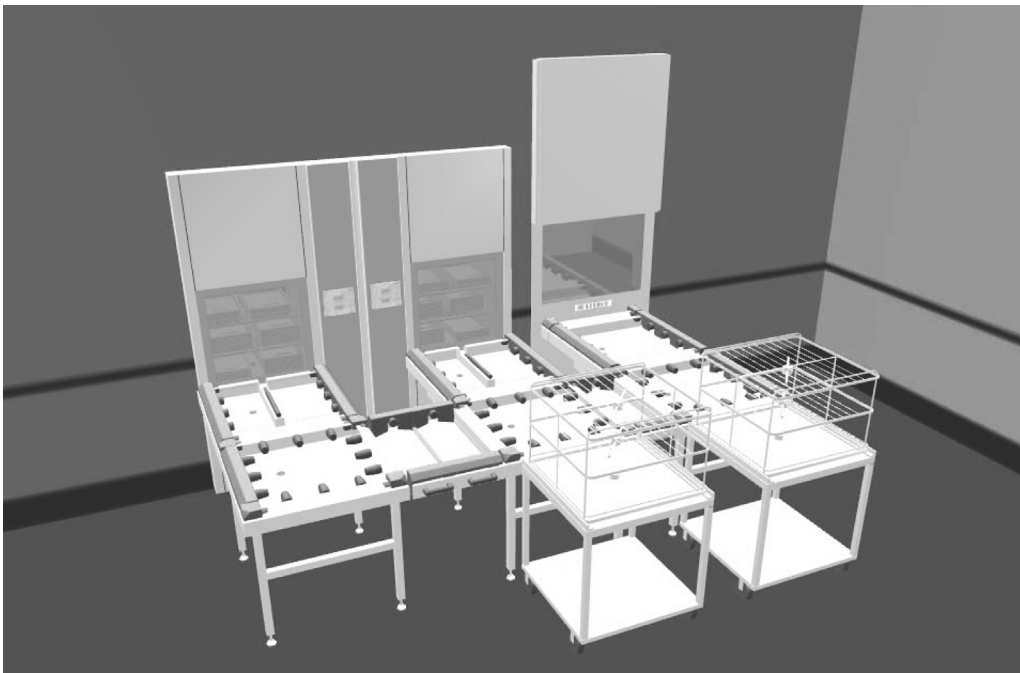
Configuration	Description
<p style="text-align: center;">SCS-L-006</p> 	<p>Five module motorized return line. Return line provides the transportation of racks to the soiled side from the clean side. Configuration fits with a single-chamber washer/disinfector, double load and double unload modules.</p> <p>Please refer to Drawing 920-513-812.</p>
<p style="text-align: center;">SCS-L-007</p> 	<p>Five module motorized return line with an automated return line door. Return line provides the transportation of racks to the soiled side from the clean side. Configuration fits with a single-chamber washer/disinfector, double load and double unload modules.</p> <p>Please refer to Drawing 920-513-812.</p>
<p style="text-align: center;">SCS-L-008</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-006 and SCS-L-007.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-812.</p>
<p style="text-align: center;">SCS-L-009</p> 	<p>Standardized layout utilizing a combination of motorized and transversal non-motorized modules. This layout provides manual transportation of racks across the conveyor and then automatically from the soiled side through the washer/disinfector to clean side. This configuration fits with return lines SCS-L-006 and SCS-L-007 with one washer rotated 180° and an additional SCS-SE-LG.</p> <p><i>NOTE: Maximum four washers per layout.</i></p> <p>Please refer to Drawing 920-513-812.</p>

NOTE: The standard layouts are shown. If a different layout is needed, contact STERIS.



Load Side Conveyor Layout (Typical)

(Illustrates a combination of standard layout SCS-L-010 and return line SCS-L-004)



Unload Side Conveyor Layout (Typical)

(Illustrates a combination of standard layout SCS-L-009 and return line SCS-L-007)

Table 3. SCS Non-Motorized Modules

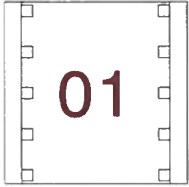
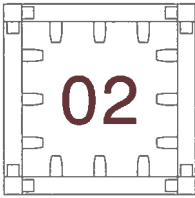

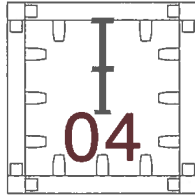
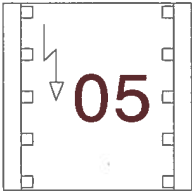
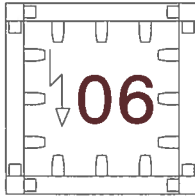
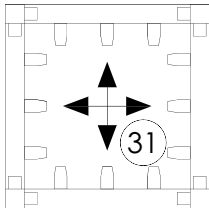
<p>SCS-B</p> 	<p>SCS-2W</p> 
<p>SCS-FO</p> 	<p>SCS-2W-FO</p> 
<p>SCS-LE</p> 	<p>SCS-2W-LE</p> 
	<p>SCS-FAU-LE</p> 
Description	Equipment Number
01 – Basic Non-Motorized	SCS-B
02 – Non-Motorized 2-Direction	SCS-2W
03 – Non-Motorized with Feed-Out	SCS-FO
04 – Non-Motorized 2-Direction with Feed-Out	SCS-2W-FO
05 – Non-Motorized for Line End	SCS-LE
06 – Non-Motorized 2-Direction for Line End	SCS-2W-LE
31 – Fully Automated Unload – Line End	SCS-FAU-LE

Table 4. SCS Extensions and Lift Gates





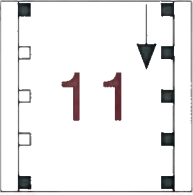

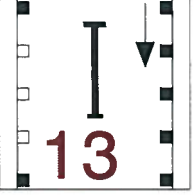
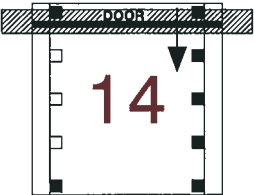
SCS Extensions and Lift Gates	
<p>SCS-E</p> 	<p>SCS-E-LG</p> 
<p>SCS-SE</p> 	<p>SCS-SE-LG</p> 
SCS Semi-Automated Motorized Modules	
<p>SCS-BM</p> 	<p>SCS-M-FI</p> 
<p>SCS-M-FO</p> 	<p>SCS-M-RD</p> 
Description	Equipment Number
07 – Extension	SCS-E
08 – Extension with Lift Gate	SCS-E-LG
09 – Short Extension	SCS-SE
10 – Short Extension with Lift Gate	SCS-SE-LG
11 – Basic Motorized	SCS-BM
12 – Motorized with Feed-In	SCS-M-FI
13 – Motorized with Feed-Out	SCS-M-FO
14 – Motorized Return Door	SCS-M-RD

Table 5. SCS Fully Automated Motorized Modules

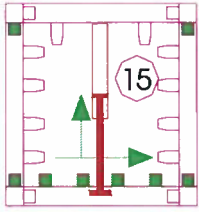
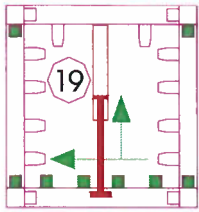
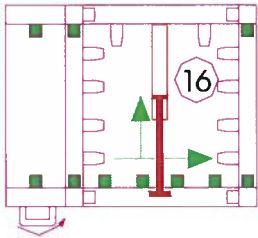
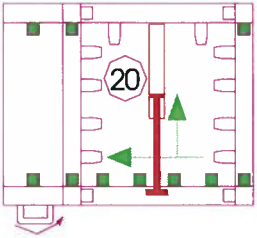
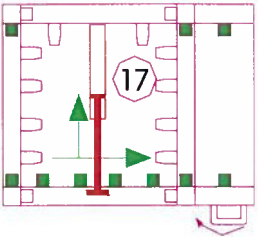
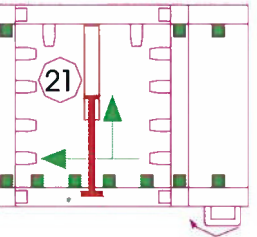
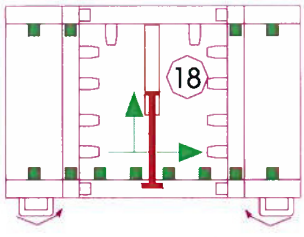
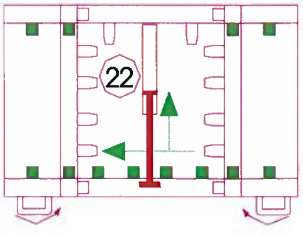
Left-to-Right Configurations	Right-to-Left Configurations
<p style="text-align: center;">SCS-FA-L</p> 	<p style="text-align: center;">SCS-FA-R</p> 
<p style="text-align: center;">SCS-FA-L-ULG</p> 	<p style="text-align: center;">SCS-FA-R-DLG</p> 
<p style="text-align: center;">SCS-FA-L-DLG</p> 	<p style="text-align: center;">SCS-FA-R-ULG</p> 
<p style="text-align: center;">SCS-FA-L-2LG</p> 	<p style="text-align: center;">SCS-FA-R-2LG</p> 
Description	Equipment Number
15 – SCS Fully Automated Left to Right – No Lift Gate	SCS-FA-L
16 – SCS Fully Automated Left to Right – Upstream Lift Gate	SCS-FA-L-ULG
17 – SCS Fully Automated Left to Right – Downstream Lift Gate	SCS-FA-L-DLG
18 – SCS Fully Automated Left to Right – Two Lift Gates	SCS-FA-L-2LG
19 – SCS Fully Automated Right to Left – No Lift Gate	SCS-FA-R
20 – SCS Fully Automated Right to Left – Downstream Lift Gate	SCS-FA-R-DLG
21 – SCS Fully Automated Right to Left – Upstream Lift Gate	SCS-FA-R-ULG
22 – SCS Fully Automated Right to Left – Two Lift Gates	SCS-FA-R-2LG

Table 5. SCS Fully Automated Motorized Modules (Cont'd)

Left-to-Right Configurations	Right-to-Left Configurations
<p style="text-align: center;">SCS-FAU-L</p>	<p style="text-align: center;">SCS-FAU-R</p>
<p style="text-align: center;">SCS-FAU-L-ULG</p>	<p style="text-align: center;">SCS-FAU-R-DLG</p>
<p style="text-align: center;">SCS-FAU-L-DLG</p>	<p style="text-align: center;">SCS-FAU-R-ULG</p>
<p style="text-align: center;">SCS-FAU-L-2LG</p>	<p style="text-align: center;">SCS-FAU-R-2LG</p>
Description	Equipment Number
23 – SCS Fully Automated Left to Right – No Lift Gate	SCS-FAU-L
24 – SCS Fully Automated Left to Right – Upstream Lift Gate	SCS-FAU-L-ULG
25 – SCS Fully Automated Left to Right – Downstream Lift Gate	SCS-FAU-L-DLG
26 – SCS Fully Automated Left to Right – Two Lift Gates	SCS-FAU-L-2LG
27 – SCS Fully Automated Right to Left – No Lift Gate	SCS-FAU-R
28 – SCS Fully Automated Right to Left – Downstream Lift Gate	SCS-FAU-R-DLG
29 – SCS Fully Automated Right to Left – Upstream Lift Gate	SCS-FAU-R-ULG
30 – SCS Fully Automated Right to Left – Two Lift Gates	SCS-FAU-R-2LG

Table 6. Conveyor Accessories

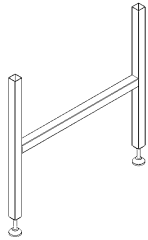
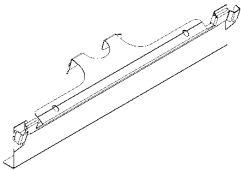
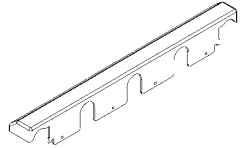
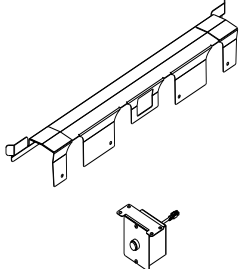
Accessory	Description
<p>Legs with Anchorage (SCS-01)</p> 	<p>Compatible with 31" (787 mm) nominal load height washers. Also allow adjustable height to adjust to floor imperfections. Includes one set of legs, installation hardware and two leg anchors.</p>
<p>Transfer Cart Adaptor (SCS-02)</p> 	<p>Adaptor compatible with all transfer carts. Allows basket to be transferred between transfer cart and conveyor safely by positioning transfer cart. When no cart is positioned against conveyor, spring mechanism raises adaptor which then acts as a guide or barrier to prevent basket from falling off.</p> <p><i>NOTE: FD24-300 Transfer Carts require installation of an upgrade package to become compatible for this adaptor.</i></p>
<p>Plastic Side Guide (SCS-03 or SCS-19)</p> 	<p>Plastic side guide to be installed on two-way conveyors located at the corners of the layout to guide baskets and prevent them from falling off open conveyor side. System layout shows where installation of this additional guide is required. Available in blue (SCS-03) or black (SCS-19).</p>
<p>Connection Pack (Motorized Loading) - Reliance 444, Genfore or Synergy (SCS-04)</p>	<p>Includes necessary mechanical and electrical hardware to connect one motorized loading conveyor to one Reliance 444, Genfore or Synergy Washer/Disinfector. Also includes bar code reader.</p>
<p>Additional Plastic Side Guide for SCS-FA (SCS-26)</p>	<p>Plastic side guide to be installed on SCS-FA located at the corners of the layout to guide baskets and prevent them from falling off open conveyor side. System layout shows where installation of this additional guide is required.</p>
<p>Drive Side Transfer Cart Adaptor for SCS-FA with GO Pushbutton (SCS-27)</p> 	<p>Compatible with FD21-800 and FD61-700 transfer carts. Allows loaded baskets to be transferred to the downstream conveyor.</p> <p>The accessory includes a GO pushbutton switch and allows an empty basket to be moved from conveyor, or a full basket to be transported to the next conveyor.</p>

Table 6. Conveyor Accessories (Cont'd)


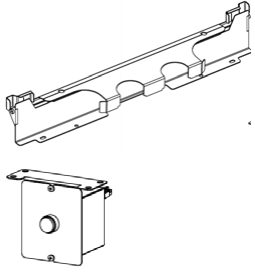
Accessory	Description
<p>GO Pushbutton for SCS-FA (SCS-28)</p> 	<p>The GO pushbutton accessory has two functions:</p> <ol style="list-style-type: none"> 1. Allows the operator to fill or empty a basket directly on the conveyor and to decide when to put the basket back in circulation in the conveyor line. 2. Allows the operator to control the circulation of the basket over the fully automated conveyors.
<p>Transfer Cart Adaptor for Non-Motorized Side on SCS-FA with GO pushbutton (SCS-29)</p> 	<p>Compatible with all transfer carts. Allows empty baskets to be unloaded from the conveyor line to the transfer cart. When no cart is positioned against conveyor, spring mechanism raises adaptor which then acts as a guide or barrier to prevent basket from falling off.</p> <p>This accessory includes a GO pushbutton switch and allows an empty basket to be removed from conveyor, or a full basket to be transported to the next conveyor.</p>
<p>Connection Pack (Non-Motorized Loading) - Reliance 444, Genfore or Synergy (SCS-05)</p>	<p>Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor to one Reliance 444, Genfore or Synergy Washer/Disinfector. Also includes bar code reader.</p>
<p>Connection Pack - Vision Multi-Chamber (SCS-06)</p>	<p>Includes necessary mechanical and electrical hardware to connect one loading conveyor (motorized or non-motorized) and one unloading conveyor (motorized or non-motorized) to one Reliance/Hamo Vision Multi-Chamber Washer/Disinfector.</p>
<p>Seismic Anchorage Pack (SCS-07)</p>	<p>Hardware to anchor one set of legs to meet seismic requirements for installation in regions prone to earthquakes. Refer to <i>Seismic Anchorage Report</i> (920-507-203) for details.</p>
<p>Electrical Power Supply (SCS-08)</p>	<p>Electrical power supply required to produce 24 Vdc for up to four motorized conveyors and/or non-motorized conveyors with feed-out. Installation kit contains one electrical power supply box, two supports, 125 ft (38 m) of electrical cable and four connectors (for 24 Vdc). Cable is to be cut to length and used exclusively to connect electrical power supply to the conveyor(s).</p>
<p>Pressure-Release Pushbutton (SCS-09)</p>	<p>Includes one pressure-release pushbutton and pneumatic hoses to be installed on one SCS-FO or one SCS-2W-FO conveyor interfaced with either a Reliance 444 or Reliance 450 Unit.</p>
<p>Drain Flexible Hose Connection Pack (SCS-10)</p>	<p>Includes one flexible hose (3/4" dia) and necessary hardware for drain connection of up to four conveyors.</p>
<p>Connection Pack (Non-Motorized Loading and Non-Motorized Unloading) to One Reliance 444, Genfore or Synergy (SCS-11)</p>	<p>Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor and one non-motorized unloading conveyor to one Reliance 444, Genfore or Synergy Washer/Disinfector. Also includes bar code reader.</p>

Table 6. Conveyor Accessories (Cont'd)

Accessory	Description
Connection Pack (Motorized Loading) – Reliance/Hamo Vision Single-Chamber (SCS-12)	Includes necessary mechanical and electrical hardware to connect one motorized loading conveyor to one Reliance/Hamo Vision Single-Chamber Washer/Disinfector. Also includes bar code reader.
Connection Pack (Non-Motorized Loading) – Reliance/Hamo Vision Single-Chamber (SCS-13)	Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor to one Reliance/Hamo Vision Single-Chamber Washer/Disinfector. Also includes bar code reader.
Connection Pack (Non-Motorized Loading and Non-Motorized Unloading) to One Reliance/Hamo Vision Single-Chamber (SCS-14)	Includes necessary mechanical and electrical hardware to connect one non-motorized loading conveyor and one non-motorized unloading conveyor to one Reliance/Hamo Vision Single-Chamber Washer/Disinfector. Also includes bar code reader.
Recess Installation Pack for Motorized Return Door (SCS-15)	Includes necessary mechanical hardware for a motorized return door installed along a Vision Single-Chamber washer/disinfector which is installed flush with the cleaned side wall.

EQUIPMENT DRAWINGS

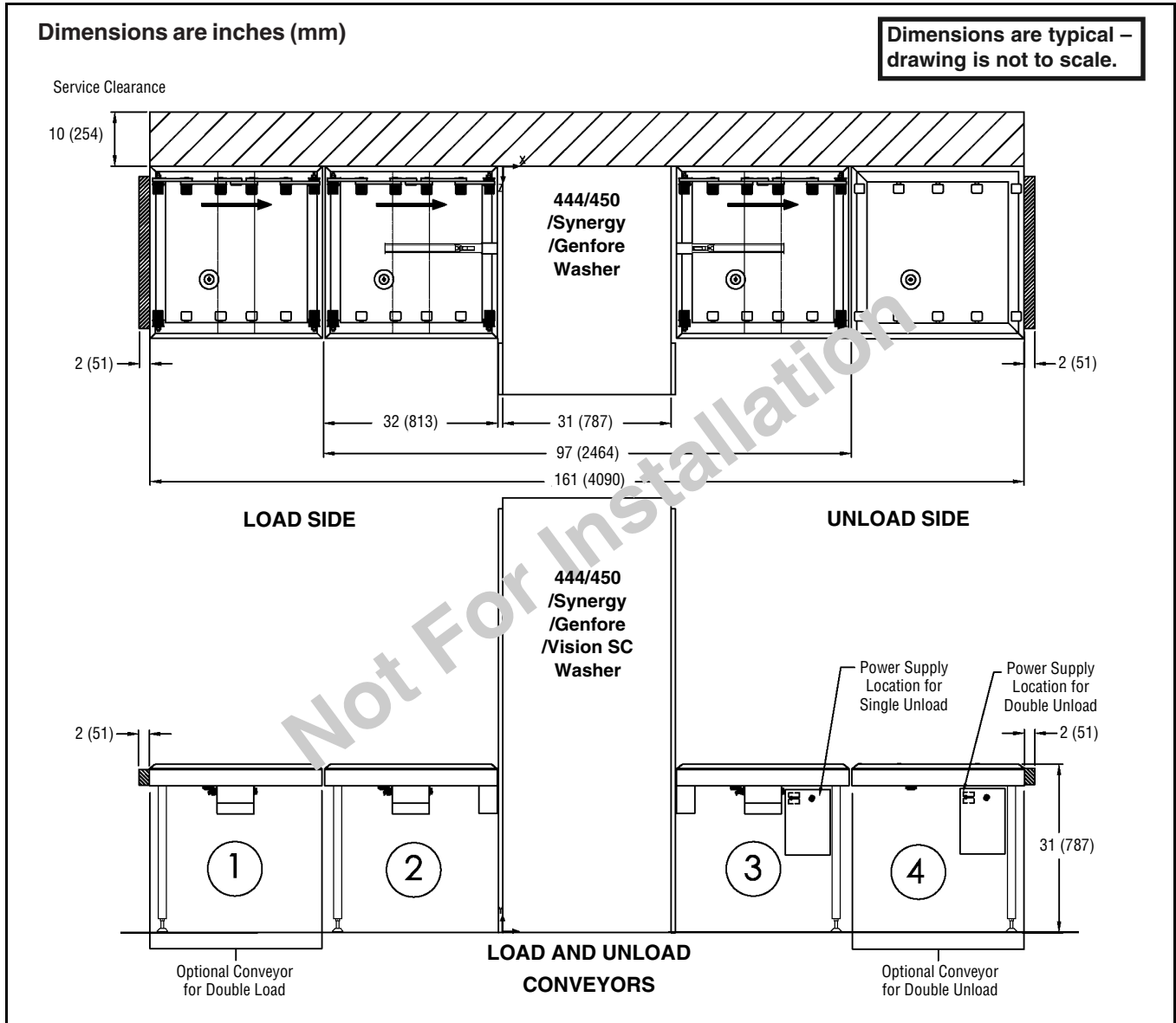
**Equipment Drawing
Part Number**

Equipment Drawing Title

920-506-414

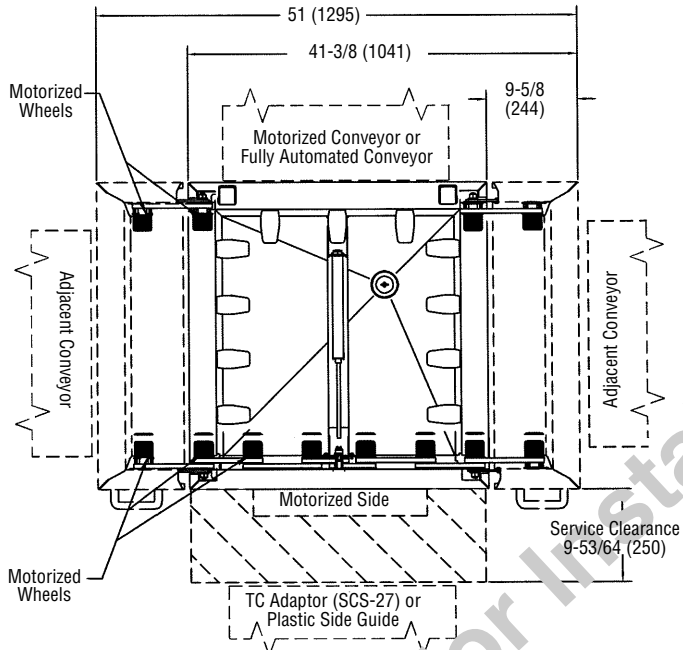
SCS Conveyor System

NOTE: Equipment Drawing 920-506-414 is required for installation details and specifications. **The following pages are for reference only.**

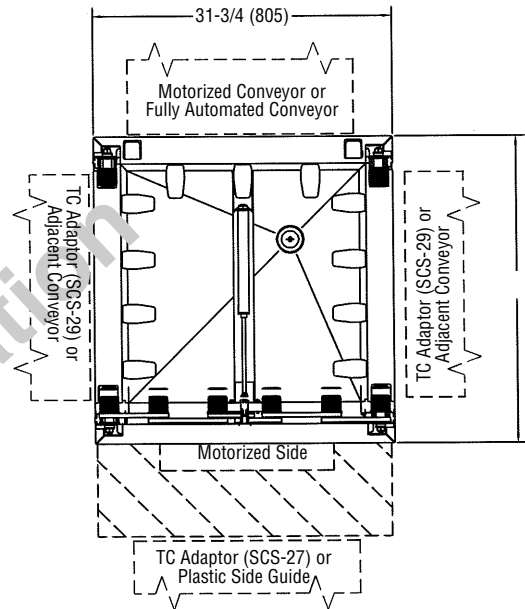


Dimensions are inches (mm)

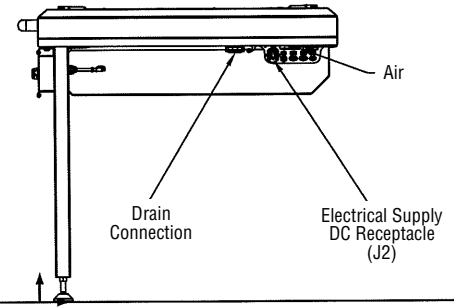
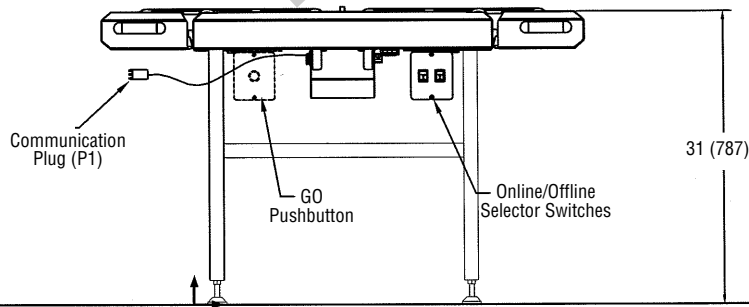
Dimensions are typical –
drawing is not to scale.



FULLY AUTOMATED CONVEYOR WITH LIFT GATE
(SCS-FA-L-UB, SCS-FA-L-DB, SCS-FA-L-2B, SCS-FA-R-UB,
SCS-FA-R-DB, SCS-FA-R-2B)

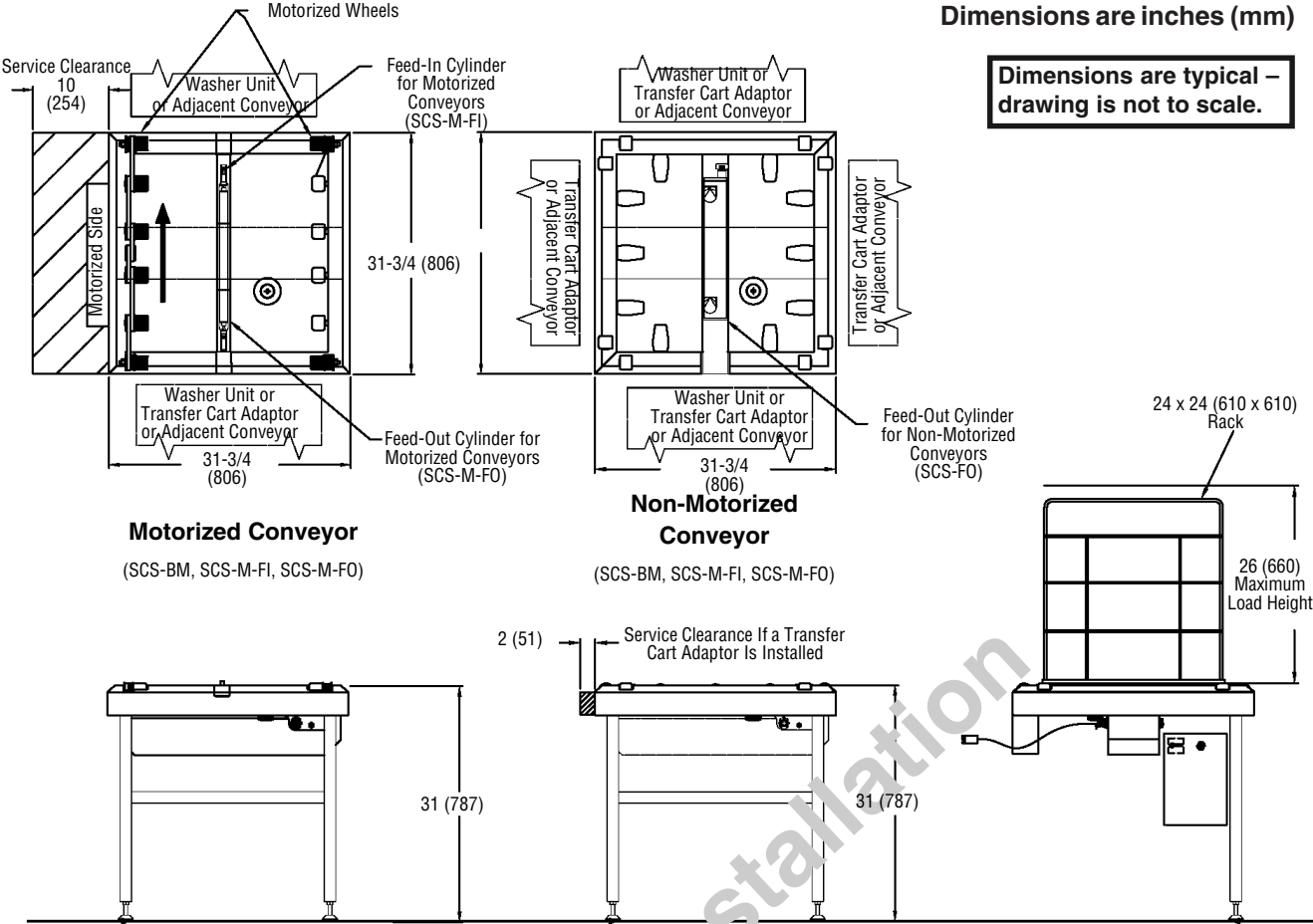


FULLY AUTOMATED CONVEYOR
(SCS-FA-L, SCS-FA-R)



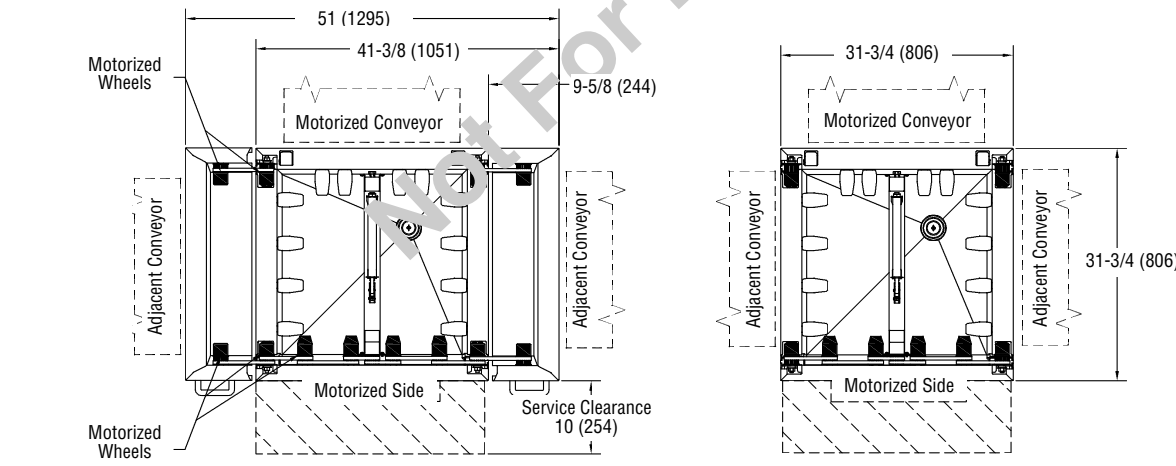
Dimensions are inches (mm)

Dimensions are typical – drawing is not to scale.



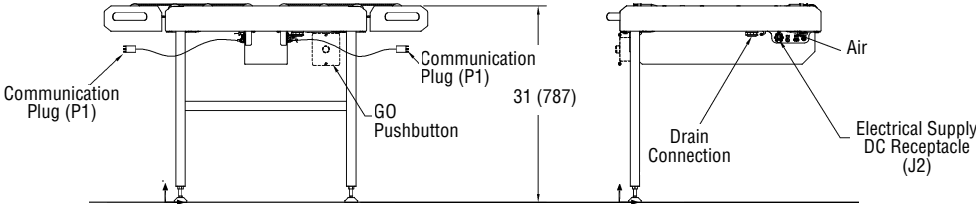
Motorized Conveyor
(SCS-BM, SCS-M-FI, SCS-M-FO)

Non-Motorized Conveyor
(SCS-BM, SCS-M-FI, SCS-M-FO)



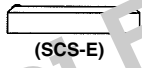
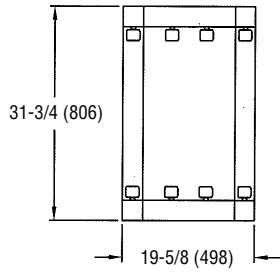
FULLY AUTOMATED UNLOAD CONVEYOR WITH LIFT GATE
(SCS-FAU-L-ULG, SCS-FAU-L-DLG, SCS-FAU-L-2LG, SCS-FAU-R-ULG, SCS-FAU-R-DLG, SCS-FAU-R-2LG)

FULLY AUTOMATED UNLOAD CONVEYOR
(SCS-FAU-L, SCS-FAU-R)



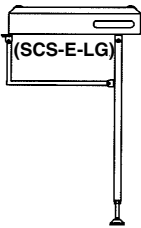
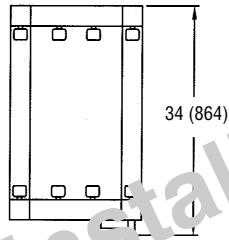
Dimensions are inches (mm)

Dimensions are typical –
drawing is not to scale.

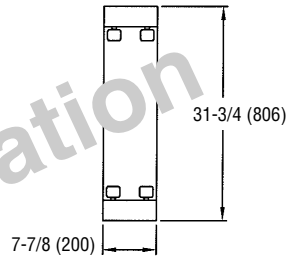


(SCS-E)

Extension
Conveyors

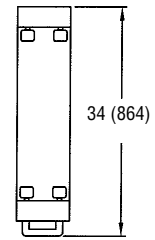


(SCS-E-LG)



(SCS-SE)

Short Extension
Conveyors



(SCS-SE-LG)

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GENERAL NOTES – APPLICABLE TO STERILIZER EQUIPMENT DRAWINGS

INTRODUCTION

Each equipment drawing (enclosed) pertains to the sterilizing equipment as specified or purchased by you. These general notes and recommendations are intended to complement the equipment drawing(s) and thereby further assist you in achieving satisfactory installation of the equipment. The information on this and the enclosed drawing(s) is based upon the design and construction of the equipment as of the date of the drawing.

SPACE CONSIDERATIONS

Clearances

The clearance dimensions shown on each drawing are the minimum considered necessary to allow space for servicing and operating the equipment.

Clearance in front of sterilizer, for comfortable loading and unloading operations, should equal about twice the inside length of the sterilizer chamber unless otherwise specified on Equipment Drawing.

Dimensions

Attention must be given to all *printed dimensions* shown on each drawing, since no attempt has been made to hold these drawings to any specific scale.

MOUNTING DETAILS

Wall Thickness - Recessed Sterilizer

STERIS must be advised of the total finished thickness of the wall or walls through which the sterilizer will extend.

Wall Thickness – Amsco® Modular Wall

If the drawing pertains to an **Amsco Modular Wall**, STERIS must be advised of the overall width and height of the wall opening that the modular wall is to cover.

Recessing Cubicle

- **Ventilation.** It is recommended that a louvered, grilled opening be provided in the curtain wall above the sterilizer(s) to dispel excess vapor by negative pressure behind the wall. If **Amsco Modular Wall** has been specified, this opening will not be required.

The recessing cubicle should be adequately ventilated to maintain temperature in the range of 80° to 90°F (27° to 32°C) when the equipment is in operation.

- **Access.** Access to recessed service area from control end of the sterilizer is recommended.
- **Illumination.** Illumination designed to afford 50 to 100 footcandles of total illumination, evenly distributed in principal areas of the recessing cubicle, should be provided.
- **Service Power Requirement.** One convenience outlet (110-120 Volts) is required for power tools.
- **Drainage.** A floor drain or floor sink is recommended for each cubicle and should be provided within confines of sterilizer framework.

Space Between Recessed Sterilizers

For a multiple (composite) sterilizer installation through a constructed wall (not Amsco Modular Wall), a minimum of 10" (254 mm) clearance between the front panels is recommended.

Cabinet-enclosed Sterilizer

Cabinet-enclosed units should be located in a well-ventilated room from which heat and steam vapors may be dispelled rapidly. A separate floor drain is recommended for each cabinet-enclosed sterilizer, to be located within the confines of the sterilizer framework.

UTILITY SERVICE REQUIREMENTS

Roughing-in

All lines should be short-stubbed through the floor, wall or ceiling, far enough to permit coupling with stop valves. Provisions must be made for short-swing connections to equipment terminals. Piping outlets (stubbing) for equipment mounted in combination (composite installations) should be combined in one common set, usually at rear of the equipment.

It is recommended that pipes and conduit *not* be stubbed through the floor under the chamber of a recessed sterilizer. This recommendation would not preclude the stubbing of pipes and conduit through the floor within the confines of the *panels* on a cabinet-enclosed sterilizer.

Terminal Fittings

Unless otherwise specified in the contract or purchase order, piping and other appurtenances between terminal fittings on the equipment and wall or floor outlets (stubbing) are not furnished by STERIS.

Pipe Sizes

Pipe sizes listed on equipment drawing indicate the equipment termination sizes only. Size of supply piping is dependent on length of pipe run from pressure regulating station for steam line and main water headers, to ensure adequate supply service pressure and demand flow at equipment terminals. Effect of coincident draw of multiple unit installations must also be considered.

Pressure Relief Valves

STERIS recommends piping all chamber relief valves to a vented manifold outside the equipment service area. Caution must be exercised not to reduce the discharge capacity of the relief valve. Plumbing must be such that removal of sterilizer parts, including relief valve, does not require unsoldering or cutting of new piping.

Recommended piping practices for relief valve piping can be found in ASME Boiler and Pressure Vessel Code (Section VIII, Para. UG-135).

Backflow Preventer

If local codes require a reduced pressure principle device on water supply line, it shall be provided by others.

Blow Down Valve

Recommend provisions of blow down valve at each steam and water strainer to enable strainer clean out.

Blow down building steam and water supply lines before final connection to equipment.

Shutoff Valves

Provide piping shutoff valve, pipe plugged tee and union in steam and water supply connections between equipment and stub outs, so that the unit can be serviced without interruptions of supply to other equipment. Plugged tee can be used later for test

pressure gauge connection. Arrange connection piping to allow access to machine components and electrical control panel.

Steam and Water Pressures

Steam and water pressures indicated on each drawing are to be dynamic at the sterilizer.

Steam should be condensate free and between 97 and 100% saturated vapor to ensure proper goods drying.

Sterilizer is adequately equipped to operate on the pressures listed in the equipment drawing. If supply line pressure exceeds those shown, provide reducing valves. These are not furnished by STERIS unless specifically called for in the contract or purchase order.

Water Quality

- **Water Supply to Sterilizer.** Water is used for ejectors, heat exchangers and trap cooling. Refer to Table 1 for recommended water quality. Use of feed water within the nominal conditions will optimize equipment performance and reduce maintenance.

- **Carbon Steel Steam Generator Feed Water.** Refer to Table 2 for required water quality. Use of feed water within the nominal conditions will optimize equipment performance and reduce maintenance.

- **Stainless Steel Steam Generator Feed Water.** Requires dionized, distilled or reverse osmosis water with minimum resistivity of 1 megohm/cm.

NOTE: Do not connect tap water to stainless steel generator. Use of water not meeting the required feed water quality will invalidate the warranty, and is a violation of ASME boiler codes.

Condition	Nominal Conditions	Maximum Conditions
Temperature	40-60°F (4-16°C)	70°F (21°C)
Total Hardness as CaCO ₃ *	50-120 mg/L	171 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO ₃	70-120 mg/L	180 mg/L
pH	6.8-7.5	6.5-8.5
Total Silica	0.1 - 1.0 mg/L	2.5 mg/L

* 17.1 mg/L = 1 grain hardness

Condition	Nominal Conditions	Maximum Conditions
Temperature	140°F (60°C)	40-140°F (4-60°C)
Total Hardness as CaCO ₃ *	0-17 mg/L	130 mg/L
Total Dissolved Solids	50-150 mg/L	250 mg/L
Total Alkalinity as CaCO ₃	50-100 mg/L	180 mg/L
pH	6.8-7.5	6.5-8.5
Total Silica	0.1 - 1.0 mg/L	2.5 mg/L
Resistivity - ohms/cm**	2000-6000	26000

* 17.1 mg/L = 1 grain hardness

** **WARNING - BURN HAZARD:** Sterilizer operator may be severely burned by scalding water if the water level control malfunctions. The steam generator level control may malfunction if the supply water exceeds 26,000 ohms/cm (38.5 micro-mhos conductivity min.). Do not connect to treated water (e.g., distilled, reverse osmosis, deionized) unless water resistivity is determined to be acceptable. If water exceeds 26,000 ohms/cm, contact STERIS Engineering Service for information concerning modifications required to the generator control system.

Table 3. Recommended Cold Feed Water Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Temperature	40-60°F (4 - 16°C)	70°F (16°C)
Total Dissolved Hardness as CaCO ₃	50-80 mg/L	120 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO ₃	70-120mg/L	180 mg/L
pH	6.8-7.0	7.5
Total Silica	0.1 - 0.5 mg/L	1.0 mg/L

Table 4. Recommended Hot Feed Water Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Temperature	110°F (43°C)	150°F (66°C)
Total Dissolved Hardness as CaCO ₃	50-80 mg/L	120 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO ₃	70-120mg/L	180 mg/L
pH	6.8-7.0	7.5
Total Silica	0.1 - 0.5 mg/L	1.0 mg/L

Table 5. Recommended Pure Water Feed Water Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Temperature	60°F (16°C)	140°F (60°C)
pH	7.0	6.8-7.5
Resistivity-Ohms/cm	0.5 Meg-Ohm/cm	0.1 Meg-Ohm/cm

Table 6. Recommended Clean Dry Compressed Air Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Maximum Particle Size	20 Micron	40 Micron
Particulate Density	5.0 ppm	8.3 ppm
Dew Point	37°F (3°C)	45°F (7°C)
Oil Concentration	10 mg/cubic-m	25 mg/cubic-m
Air Pressure	80-100 PSIG Dynamic	125 PSIG Dynamic

Water Quality Supplied to Washer

- Cold Water Supply to Washer–Cold water is used for pre-wash , chamber steam vapor condensing, and for cooling hot water or steam condensate going to the drain. Use of feed water quality within the nominal conditions will improve pre-wash of instruments or utensils, optimize equipment performance, and reduce maintenance.
- Hot Water Supply to Washer–Hot water is used for wash phase and rinse phase. Use of feed water quality within the nominal conditions will improve detergent performance, reduce chamber scale build-up, optimize equipment performance, and reduce maintenance.
- Pure Water Supply to Washer–Pure water is used during the final rinse phase. Use of feed water quality

within the nominal conditions will reduce spotting on instruments, reduce chamber scale build-up, optimize equipment performance , and reduce maintenance.

Compressed Air Supplied to Washer

- Compressed air is used for operating pneumatically controlled water or steam valves, operating opening and closing of doors, and operating conveyor mechanisms. Use of compressed air quality within the nominal conditions will provide optimal pneumatic device performance, prevent internal pneumatic device corrosion, and reduce maintenance.

Steam Condensate Return from Washer

- Steam condensate is the by product from heating water and from drying circulated air within the washer. The steam heating process is done through means of heat exchanger coils whereby the steam supply does not make direct contact with the media processed within the washer. The steam condensate from the process will be of equivalent water quality in the facility steam boiler whereby it may be recycled. If the steam condensate is not to be recycled, it may be directed to the floor drain through use of optional steam condensate cool down equipment modification packages.

For best washer heating and drying performance, it is required to direct the steam condensate return to a non-pressurized vented enclosure* to prevent back pressure against the incoming steam supply to the washer. Steam condensate return piping vertical rises in excess of 17 feet can also create excess back pressure which can hinder the heating process.

* *NOTE: Typical vented condensate return enclosures or sumps have internal float mechanisms that activate a water pump to return the condensate to the facility boiler.*

Venting Sterilizer To Atmosphere

If sterilizer has an atmospheric vent fitting (in lieu of a condenser), it should be connected to a vertical, unrestricted atmospheric vent stack. When more than one sterilizer is connected to a single vent stack, a self-draining header may be used. At no time should any riser from the sterilizer exhaust terminal to the header or vent stack be less than 45° to the horizontal. If more than one sterilizer is connected by header to riser, header is to drain toward sterilizer at 45° angle. Header and riser are to increase in size accordingly.

Wiring Terminals

Wiring on the equipment terminates at a junction box or boxes as shown on each drawing. Wiring and other appurtenances between junction box (or boxes) and building service lines are not furnished by STERIS.

Disconnect Switches

Disconnect switches with off position lockout only must be furnished and installed by the Customer in electric supply lines near the equipment.

Steam Return Lines

Steam return lines from the sterilizer jacket should be connected to a gravity system piped to a vented receiver. Avoid any piping arrangement that could cause back pressure in the return line. (This would not apply if steam return lines were specified to be piped into the sterilizer condenser system or waste line.)

Motors

In providing electric service for motors, conductors should be sized to conform to the National Electrical Code specifications for rated motor current and motor branch circuit capacity, adjusted for ambient temperature conditions (for 3/4 HP and over) and voltage drop.

IMPORTANT

STERIS assumes no responsibility for changes made necessary through failure to explicitly observe these instructions and recommendations. In all instances, local, county, state, and national regulations should be observed.

NOTE: Because of STERIS's continuing program of research and development, all specifications and descriptions are subject to change without notice. Some options may affect utility consumptions. Obtain approved drawings for design and installation.

For further information, please contact:

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GENERAL NOTES – APPLICABLE TO STERILIZER EQUIPMENT DRAWINGS

INTRODUCTION

Each equipment drawing (enclosed) pertains to the sterilizing equipment as specified or purchased by you. These general notes and recommendations are intended to complement the equipment drawing(s) and thereby further assist you in achieving satisfactory installation of the equipment. The information on this and the enclosed drawing(s) is based upon the design and construction of the equipment as of the date of the drawing.

SPACE CONSIDERATIONS

Clearances

The clearance dimensions shown on each drawing are the minimum considered necessary to allow space for servicing and operating the equipment.

Clearance in front of sterilizer, for comfortable loading and unloading operations, should equal about twice the inside length of the sterilizer chamber unless otherwise specified on Equipment Drawing.

Dimensions

Attention must be given to all *printed dimensions* shown on each drawing, since no attempt has been made to hold these drawings to any specific scale.

MOUNTING DETAILS

Wall Thickness - Recessed Sterilizer

STERIS must be advised of the total finished thickness of the wall or walls through which the sterilizer will extend.

Wall Thickness – Amsco® Modular Wall

If the drawing pertains to an **Amsco Modular Wall**, STERIS must be advised of the overall width and height of the wall opening that the modular wall is to cover.

Recessing Cubicle

- **Ventilation.** It is recommended that a louvered, grilled opening be provided in the curtain wall above the sterilizer(s) to dispel excess vapor by negative pressure behind the wall. If **Amsco Modular Wall** has been specified, this opening will not be required.

The recessing cubicle should be adequately ventilated to maintain temperature in the range of 80° to 90°F (27° to 32°C) when the equipment is in operation.

- **Access.** Access to recessed service area from control end of the sterilizer is recommended.
- **Illumination.** Illumination designed to afford 50 to 100 footcandles of total illumination, evenly distributed in principal areas of the recessing cubicle, should be provided.
- **Service Power Requirement.** One convenience outlet (110-120 Volts) is required for power tools.
- **Drainage.** A floor drain or floor sink is recommended for each cubicle and should be provided within confines of sterilizer framework.

Space Between Recessed Sterilizers

For a multiple (composite) sterilizer installation through a constructed wall (not Amsco Modular Wall), a minimum of 10" (254 mm) clearance between the front panels is recommended.

Cabinet-enclosed Sterilizer

Cabinet-enclosed units should be located in a well-ventilated room from which heat and steam vapors may be dispelled rapidly. A separate floor drain is recommended for each cabinet-enclosed sterilizer, to be located within the confines of the sterilizer framework.

UTILITY SERVICE REQUIREMENTS

Roughing-in

All lines should be short-stubbed through the floor, wall or ceiling, far enough to permit coupling with stop valves. Provisions must be made for short-swing connections to equipment terminals. Piping outlets (stubbing) for equipment mounted in combination (composite installations) should be combined in one common set, usually at rear of the equipment.

It is recommended that pipes and conduit *not* be stubbed through the floor under the chamber of a recessed sterilizer. This recommendation would not preclude the stubbing of pipes and conduit through the floor within the confines of the *panels* on a cabinet-enclosed sterilizer.

Terminal Fittings

Unless otherwise specified in the contract or purchase order, piping and other appurtenances between terminal fittings on the equipment and wall or floor outlets (stubbing) are not furnished by STERIS.

Pipe Sizes

Pipe sizes listed on equipment drawing indicate the equipment termination sizes only. Size of supply piping is dependent on length of pipe run from pressure regulating station for steam line and main water headers, to ensure adequate supply service pressure and demand flow at equipment terminals. Effect of coincident draw of multiple unit installations must also be considered.

Pressure Relief Valves

STERIS recommends piping all chamber relief valves to a vented manifold outside the equipment service area. Caution must be exercised not to reduce the discharge capacity of the relief valve. Plumbing must be such that removal of sterilizer parts, including relief valve, does not require unsoldering or cutting of new piping.

Recommended piping practices for relief valve piping can be found in ASME Boiler and Pressure Vessel Code (Section VIII, Para. UG-135).

Backflow Preventer

If local codes require a reduced pressure principle device on water supply line, it shall be provided by others.

Blow Down Valve

Recommend provisions of blow down valve at each steam and water strainer to enable strainer clean out.

Blow down building steam and water supply lines before final connection to equipment.

Shutoff Valves

Provide piping shutoff valve, pipe plugged tee and union in steam and water supply connections between equipment and stub outs, so that the unit can be serviced without interruptions of supply to other equipment. Plugged tee can be used later for test

pressure gauge connection. Arrange connection piping to allow access to machine components and electrical control panel.

Steam and Water Pressures

Steam and water pressures indicated on each drawing are to be dynamic at the sterilizer.

Steam should be condensate free and between 97 and 100% saturated vapor to ensure proper goods drying.

Sterilizer is adequately equipped to operate on the pressures listed in the equipment drawing. If supply line pressure exceeds those shown, provide reducing valves. These are not furnished by STERIS unless specifically called for in the contract or purchase order.

Water Quality

- **Water Supply to Sterilizer.** Water is used for ejectors, heat exchangers and trap cooling. Refer to Table 1 for recommended water quality. Use of feed water within the nominal conditions will optimize equipment performance and reduce maintenance.

- **Carbon Steel Steam Generator Feed Water.** Refer to Table 2 for required water quality. Use of feed water within the nominal conditions will optimize equipment performance and reduce maintenance.

- **Stainless Steel Steam Generator Feed Water.** Requires dionized, distilled or reverse osmosis water with minimum resistivity of 1 megohm/cm.

NOTE: Do not connect tap water to stainless steel generator. Use of water not meeting the required feed water quality will invalidate the warranty, and is a violation of ASME boiler codes.

Condition	Nominal Conditions	Maximum Conditions
Temperature	40-60°F (4-16°C)	70°F (21°C)
Total Hardness as CaCO ₃ *	50-120 mg/L	171 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO ₃	70-120 mg/L	180 mg/L
pH	6.8-7.5	6.5-8.5
Total Silica	0.1 - 1.0 mg/L	2.5 mg/L

* 17.1 mg/L = 1 grain hardness

Condition	Nominal Conditions	Maximum Conditions
Temperature	140°F (60°C)	40-140°F (4-60°C)
Total Hardness as CaCO ₃ *	0-17 mg/L	130 mg/L
Total Dissolved Solids	50-150 mg/L	250 mg/L
Total Alkalinity as CaCO ₃	50-100 mg/L	180 mg/L
pH	6.8-7.5	6.5-8.5
Total Silica	0.1 - 1.0 mg/L	2.5 mg/L
Resistivity - ohms/cm**	2000-6000	26000

* 17.1 mg/L = 1 grain hardness

** **WARNING - BURN HAZARD:** Sterilizer operator may be severely burned by scalding water if the water level control malfunctions. The steam generator level control may malfunction if the supply water exceeds 26,000 ohms/cm (38.5 micro-mhos conductivity min.). Do not connect to treated water (e.g., distilled, reverse osmosis, deionized) unless water resistivity is determined to be acceptable. If water exceeds 26,000 ohms/cm, contact STERIS Engineering Service for information concerning modifications required to the generator control system.

Table 3. Recommended Cold Feed Water Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Temperature	40-60°F (4 - 16°C)	70°F (16°C)
Total Dissolved Hardness as CaCO ₃	50-80 mg/L	120 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO ₃	70-120mg/L	180 mg/L
pH	6.8-7.0	7.5
Total Silica	0.1 - 0.5 mg/L	1.0 mg/L

Table 4. Recommended Hot Feed Water Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Temperature	110°F (43°C)	150°F (66°C)
Total Dissolved Hardness as CaCO ₃	50-80 mg/L	120 mg/L
Total Dissolved Solids	100-200 mg/L	500 mg/L
Total Alkalinity as CaCO ₃	70-120mg/L	180 mg/L
pH	6.8-7.0	7.5
Total Silica	0.1 - 0.5 mg/L	1.0 mg/L

Table 5. Recommended Pure Water Feed Water Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Temperature	60°F (16°C)	140°F (60°C)
pH	7.0	6.8-7.5
Resistivity-Ohms/cm	0.5 Meg-Ohm/cm	0.1 Meg-Ohm/cm

Table 6. Recommended Clean Dry Compressed Air Quality for Washers

Nominal Conditions	Nominal Conditions	Maximum Conditions
Maximum Particle Size	20 Micron	40 Micron
Particulate Density	5.0 ppm	8.3 ppm
Dew Point	37°F (3°C)	45°F (7°C)
Oil Concentration	10 mg/cubic-m	25 mg/cubic-m
Air Pressure	80-100 PSIG Dynamic	125 PSIG Dynamic

Water Quality Supplied to Washer

- Cold Water Supply to Washer–Cold water is used for pre-wash , chamber steam vapor condensing, and for cooling hot water or steam condensate going to the drain. Use of feed water quality within the nominal conditions will improve pre-wash of instruments or utensils, optimize equipment performance, and reduce maintenance.
- Hot Water Supply to Washer–Hot water is used for wash phase and rinse phase. Use of feed water quality within the nominal conditions will improve detergent performance, reduce chamber scale build-up, optimize equipment performance, and reduce maintenance.
- Pure Water Supply to Washer–Pure water is used during the final rinse phase. Use of feed water quality

within the nominal conditions will reduce spotting on instruments, reduce chamber scale build-up, optimize equipment performance , and reduce maintenance.

Compressed Air Supplied to Washer

- Compressed air is used for operating pneumatically controlled water or steam valves, operating opening and closing of doors, and operating conveyor mechanisms. Use of compressed air quality within the nominal conditions will provide optimal pneumatic device performance, prevent internal pneumatic device corrosion, and reduce maintenance.

Steam Condensate Return from Washer

- Steam condensate is the by product from heating water and from drying circulated air within the washer. The steam heating process is done through means of heat exchanger coils whereby the steam supply does not make direct contact with the media processed within the washer. The steam condensate from the process will be of equivalent water quality in the facility steam boiler whereby it may be recycled. If the steam condensate is not to be recycled, it may be directed to the floor drain through use of optional steam condensate cool down equipment modification packages.

For best washer heating and drying performance, it is required to direct the steam condensate return to a non-pressurized vented enclosure* to prevent back pressure against the incoming steam supply to the washer. Steam condensate return piping vertical rises in excess of 17 feet can also create excess back pressure which can hinder the heating process.

* *NOTE: Typical vented condensate return enclosures or sumps have internal float mechanisms that activate a water pump to return the condensate to the facility boiler.*

Venting Sterilizer To Atmosphere

If sterilizer has an atmospheric vent fitting (in lieu of a condenser), it should be connected to a vertical, unrestricted atmospheric vent stack. When more than one sterilizer is connected to a single vent stack, a self-draining header may be used. At no time should any riser from the sterilizer exhaust terminal to the header or vent stack be less than 45° to the horizontal. If more than one sterilizer is connected by header to riser, header is to drain toward sterilizer at 45° angle. Header and riser are to increase in size accordingly.

Wiring Terminals

Wiring on the equipment terminates at a junction box or boxes as shown on each drawing. Wiring and other appurtenances between junction box (or boxes) and building service lines are not furnished by STERIS.

Disconnect Switches

Disconnect switches with off position lockout only must be furnished and installed by the Customer in electric supply lines near the equipment.

Steam Return Lines

Steam return lines from the sterilizer jacket should be connected to a gravity system piped to a vented receiver. Avoid any piping arrangement that could cause back pressure in the return line. (This would not apply if steam return lines were specified to be piped into the sterilizer condenser system or waste line.)

Motors

In providing electric service for motors, conductors should be sized to conform to the National Electrical Code specifications for rated motor current and motor branch circuit capacity, adjusted for ambient temperature conditions (for 3/4 HP and over) and voltage drop.

IMPORTANT

STERIS assumes no responsibility for changes made necessary through failure to explicitly observe these instructions and recommendations. In all instances, local, county, state, and national regulations should be observed.

NOTE: Because of STERIS's continuing program of research and development, all specifications and descriptions are subject to change without notice. Some options may affect utility consumptions. Obtain approved drawings for design and installation.

For further information, please contact:

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SYSTEM 1E™ LIQUID CHEMICAL STERILANT PROCESSING SYSTEM

The Evolution of Liquid Chemical Sterilization

For High-Speed Device Turnaround



From the Substerile to the Surgeon in Only 23 Minutes*.

MINUTES **1-2**

Extensively treated potable water enters the processor through a 3-Step Treatment Process

MINUTES **2-4**

Treated water mixes with S40™ Sterilant Concentrate, a peracetic acid germicide, creating a powerful use-dilution to process the devices

MINUTES **4-10**

6-Minute Exposure Phase eliminates all microbial life

MINUTES **10-12**

Use-dilution rinses safely down the drain

MINUTES **12-18**

2 extensively treated rinse phases remove chemical residues

MINUTES **18-23**

Automated MaxPure™ Filter Integrity Test confirms that the filter operated successfully

MINUTE **23**

Validated critical and semi-critical heat-sensitive devices are ready for immediate-use

Comparison Chart

SYSTEM 1E™

(Liquid Chemical Sterilization)

COMPETITION

(VHP Gas Plasma)

DEVICE REPROCESSING DEPTH

Extensive list of validated critical and semi-critical heat-sensitive medical devices including both single- and multi-channel flexible endoscopes.

Wide range of surgical instruments including single-channel flexible endoscopes. No multi-channel flexible endoscopes.

SPEED OF PROCESSING CYCLE

23 minutes.

38 minutes for lumen devices. Single-channel flexible endoscopes, sized 1mm to 850mm or shorter.

MATERIAL COMPATIBILITY

Devices validated for 300 cycles without damage.

For specific surgical, flexible endoscopes, devices may need to be repaired after 100 cycles.*

* Compatibility of Olympus Small Diameter Flexible Endoscopes, Camera Heads and Accessories with the STERRAD® NX Sterilizer: Technical Information for Olympus Customers in the United States: December 15, 2009, Olympus America Inc.

Excellence

In Liquid Chemical Sterilization.

STERIS has over 21 years of experience with liquid chemical sterilant technology and oxidative chemistries. SYSTEM 1E has excellent material compatibility and has extensive critical and semi-critical heat-sensitive medical device reprocessing capability, including flexible multi-channel, surgical endoscopes. Providing a high standard of patient care, whether it's in your OR or GI department, SYSTEM 1E will help you reprocess with confidence.

The SYSTEM 1E Liquid Chemical Sterilant Processing System provides peace of mind and high-speed turnaround of validated rigid and flexible heat-sensitive devices.



Efficiency

Faster turnaround saves you time.

Integral in the perioperative loop, SYSTEM 1E™ Liquid Chemical Sterilant Processing System is designed to improve the flow of the OR. After cleaning, you're ready for the next procedure in 23 minutes. Immediate, point-of-use processing helps to assure an efficient OR with:

- Increased productivity
- Reduced resources
- Minimal costly inventory
- Maximum surgical procedures

Robust filtration systems and a UV irradiation unit extensively treat potable water for the liquid chemical sterilization process.



Ease

Simple 3-step process for an on-time start.

Maintaining a tight schedule in the OR suite demands quick access. Liquid chemical sterilization provides reprocessing ease for clean, reusable, immersible and heat-sensitive critical and semi-critical devices. S40 Sterilant Concentrate is a powerful liquid chemical sterilant that eliminates all microbial life. Its compact footprint makes SYSTEM 1E convenient and ideal for a variety of locations.



Simple 3-step instrument reprocessing streamlines the use to reuse turn-around time.



Environment

Environmentally friendlier for the OR.

The use-dilution has a neutral pH, and rinses safely down the drain. SYSTEM 1E performs 2 quick rinse cycles, reducing energy and water consumption.

S40 Sterilant Concentrate

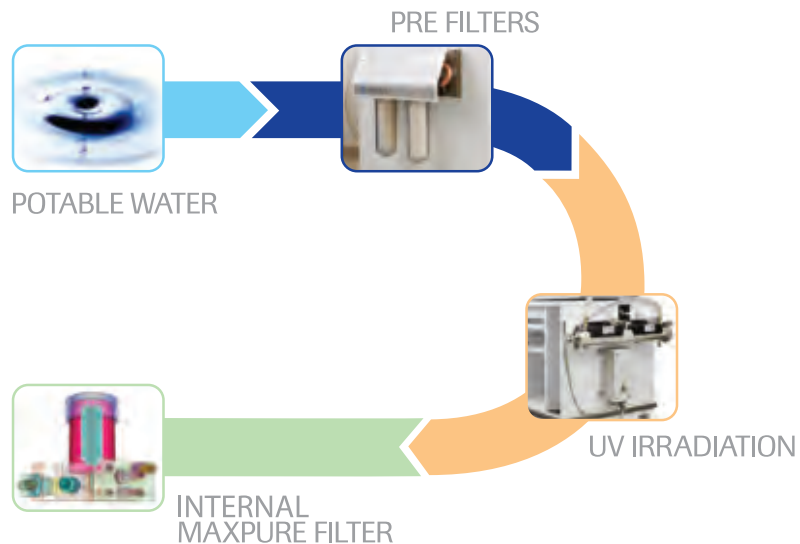


Ensure

The SYSTEM 1E Liquid Chemical Sterilant Processing System helps you assure a consistent process.

- Productive
- Prevention
- Protection
- Peace of mind

Running a 23-minute cycle, SYSTEM 1E™ minimizes device downtime between patients. Two pre-filters, UV irradiation and a MaxPure™ filter work in harmony with S40 Sterilant Concentrate as a validated process for critical and semi-critical, heat-sensitive devices. The use-dilution is gentler on delicate surgical instruments, including multi-channel flexible endoscopes.



Extensively treated water flows continuously through the internal MaxPure filter throughout the exposure and rinse phases.

Entrust

From the trusted innovator & leader in Liquid Chemical Sterilization.

STERIS understands medical device reprocessing in the perioperative loop and anticipates your needs and provides responsive solutions to help you achieve your clinical objective.

- Increase productivity
- Reduce inventory
- Start and finish surgical procedures on time
- Save resources
- Save time

As a world leader with a heritage of infection control and sterilization technologies for over 100 years, STERIS helps provide a healthier today and safer tomorrow.

For more information, contact your STERIS representative today or visit SYSTEM1E.com

Product comparisons to SYSTEM 1® or VHP Gas Plasma as applicable. Product performance and other descriptions are for general information only and do not alter product warranties, labeling, instructions for use, or other technical literature.

Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber



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APPLICATION

For rapid, safe, standardized low-temperature sterile processing of immersible surgical and diagnostic devices.

DESCRIPTION

System consists of the SYSTEM 1® EXPRESS Processor and S40 Sterilant Concentrate.

The **SYSTEM 1 EXPRESS Processor** is an automated, tabletop, microcomputer-controlled device which maintains the process parameters necessary to ensure standardized and effective sterile processing. The entire sterile process takes place within the Processor's environmentally sealed chamber at or near the site of the patient procedure. Devices can be processed in less than 18 minutes*, just in time for use, thus minimizing device downtime between patient procedures. Processing temperatures do not exceed the safe temperature limits that most manufacturers recommend to ensure protection of heat-sensitive devices. At the completion of each cycle, a comprehensive printout documents the process and load information.

* Actual cycle time may vary due to water pressure, incoming water temperature or filter status.

S40 Sterilant Concentrate's active ingredient is peracetic acid, an effective liquid chemical sterilant. The proprietary formulation also contains chemicals which buffer the use dilution to an approximately neutral pH. The chemicals reduce the potential for corrosion or degradation of the devices being processed.

NOTE: Contact your STERIS Representative for S40 Sterilant Concentrate ordering information (20 single-use containers per case).

STANDARDS

Each Processor meets applicable requirements of the following standards, and carries the appropriate symbols:

- **IEC 61010-1, Second Edition; IEC 61010-2-040** – Safety Requirements for Electrical Equipment



(Typical – details may vary.)

- **IEC 60601-1-2, Third Edition** – Electromechanical Compatibility of Medical Electrical Equipment
- **Canadian Standards Association (CSA) Standard C-22.2 No.61010-1, Second Edition**
- **EU Medical Device Directive 1993/42/EC**, as amended by 2007/47/EC.
- **ISO 14937:2009** – Sterilization of healthcare products, General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices

STERILE PROCESS MONITORING

NOTE: As with any reprocessing method, effective sterile processing in the SYSTEM 1 EXPRESS Processor requires proper cleaning, preparation and placement of devices. Prior to processing any device in SYSTEM 1 EXPRESS Processor, the user must ensure that the reprocessing instructions provided by both the device manufacturer and STERIS are completely understood and followed.

When used as directed, the microprocessor controlled Sterile Cycle ensures that all devices are processed in exactly the same manner. Each cycle printout provides documentation on whether the parameters for sterilization have been met. Chemical Monitoring Strips are designed to detect the

The Selections Checked Below Apply To This Equipment

VOLTAGE

- 115 V, 60 Hz, 1-Phase, 3-Wire
- 230 V, 50 Hz, 1-Phase, 3-Wire

LANGUAGE/TOUCH PADS

- English/English
- French (Canada)/English
- Spanish/Symbols
- Italian/Symbols
- Russian/Symbols

ACCESSORIES

- Workstation Cart
- GFCI Outlet (hospital grade, ivory)
- Temperature Control Valve
- Temperature Booster (240 V, 1-Phase or 3-Phase)
- Temperature Booster (208 V, 1-Phase)
- Temperature Booster (208 V, 3-Phase)
- Thermometer Assembly (use with Temperature Control Valve)

SUPPLIES

- Chemical Monitoring Strips
- Biological Monitoring Kit

- S40 Sterilant Concentrate**
- Processing Containers/trays**
- Quick Connects**

Item _____

Location(s) _____

presence of the active ingredient in the use dilution during each processing cycle. Biological Monitoring Kits are also available.

The **Diagnostic Cycle** provides validation of Processor integrity.

NOTE: Contact your STERIS Representative to order Chemical Monitoring Strips and Biological Monitoring Kits. (For use with SYSTEM 1 EXPRESS – Not for sale or use in U. S. A.)

FEATURES

Processor chamber holds the Processing Trays and Containers for the devices to be sterilized. The chamber door is opened manually by a release latch/handle. A window in the chamber lid allows the operator to observe cycle progress. Preparation of the use dilution of S40 Sterilant Concentrate occurs automatically within the sealed processing chamber. When the lid is closed and latched, water flows into the chamber, and the active ingredient is aspirated from the sterilant container in the sterilant compartment.

Control panel includes a display window, touch-sensitive keypads, and an impact printer to allow easy initiation, option setting and monitoring of cycles. The display and printer are factory-set to provide messages in the language from the available options (English, French, Spanish, Italian and Russian).

- **Display window** – the 2-line x 16-character, easy-to-read vacuum fluorescent display shows cycle information and option selections.
- **Touch pads** – by pressing the control panel touch pads, the operator can start or cancel a cycle, check the cycle phase while the unit is in-cycle, change or set option selections and advance the printer paper. Control touch pads are available in English language or International symbols, depending upon the destination country to which the unit is shipped.
- **Printer** – ink-on-paper, impact-type printer with a takeup motor records all cycle data on 2-1/4" (57 mm) wide, single-ply paper.

Printouts include key cycle data, including date, time the cycle was started, Load ID (manually entered by the operator or processor-printed), remarks section (for manually entering any comments), Operator ID number (manually entered or processor-printed), Processor serial number and cycle count. Sterile Cycles also include process temperature, exposure time, fill time and inlet temperature of water. Any cycle faults are listed and warn the operator of incomplete sterilization, should a fault occur. Diagnostic Cycles also include whether the Processor passed or failed (and if so, the reason for the failure). The printout also lists codes for options that can be programmed, including Operator ID, Patient ID, Device ID, Procedure ID and Physician ID. Any or all of these can be utilized.

Control system includes pre-programmed Sterile and Diagnostic Cycles designed for typical load and processing requirements.

Main power ON/OFF switch, in the back of the unit, can be used to shut off power to the unit.

Dual pre-filters in the Processor piping filter potable water. "A" filter is 2.5 micron; "B" filter is 0.2 micron. The pre-filter assembly includes a pressure regulator to reduce incoming water pressure to 36 psi (248 kPa).

Sterile water filter in the Processor housing is 0.2 micron.

Sterile air filter in the Processor housing is 0.2 micron. It filters incoming air during the Drain phase of the Sterile Cycle.

Electronic system monitors and maintains the parameters necessary to ensure sterile processing.

CYCLE DESCRIPTION

The Processor features two standard cycles: Sterile Cycle and Diagnostic Cycle.

Sterile Cycle is used for devices that have been properly cleaned, then visually inspected and tested for proper working condition, according to the manufacturer's recommendations. Immersible surgical/diagnostic devices are placed in the processing chamber. If applicable, the device is adapted to the appropriate Quick Connect. A chemical monitoring strip is secured in the tray and the chamber is then sealed. Sterile water enters the chamber and mixes with the sterilant to prepare the use dilution. The use dilution fills the chamber and is heated to 45.5°-60°C for sterilization. The use dilution is circulated around and through the devices, processing chamber and the Processor's fluid pathway for six minutes. The environmentally safe use dilution then drains from the chamber and the device and chamber are rinsed with sterile water two times. Upon successful completion of the Sterile Cycle (18 minutes* duration), devices are ready for immediate use.

* Actual cycle time may vary due to water pressure, incoming water temperature or filter status.

Diagnostic Cycle is run to ensure that the sterile water filter and all electro-mechanical systems of the Processor are functioning correctly. The cycle consists of a series of internal tests which are performed sequentially. A successful Diagnostic Cycle assures the operator that the processor operates as designed for sterile processing. Failure of a Diagnostic Cycle tells the operator that the processor must not be used until the problem is corrected and a successful Diagnostic Cycle is run. A Diagnostic Cycle takes approximately 19 minutes, and should be run once every 24 hours.

CONTROL VALUE SETTINGS

Cycle values (time, temperature) cannot be adjusted by the operator; however, certain control settings are operator-adjustable:

- **Language** – for displays and printouts. Default is language of the unit's destination country. Options are: English, Spanish, French, Italian and Russian.
- **Time set** – for setting/adjusting current time of day for displays and printouts.

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- **Date set** – for setting/adjusting current date for displays, printouts.
- **Access code** – for limiting access to certain options to authorized operators.
- **Operator ID** – for assigning a 5-digit numeric code to an operator's name, to appear on cycle printouts.
- **Patient ID** – for assigning 16-digit numeric codes to specific patients, to appear on cycle printouts.
- **Device ID** – for assigning 5-digit numeric codes linked to specific devices, to appear on printouts.
- **Procedure ID** – for assigning 2-digit numeric codes linked to specific procedures, to appear on printouts.
- **Physician ID** – for assigning 5-digit numeric code to operator-selected physician names, to appear on printouts.
- **Informative option** – to have a series of quality assurance cycle-related questions appear on the display, to be answered by the operator before a cycle can be initiated.
- **Automatic duplicate print** – to have a duplicate printout print at the end of each cycle.
- **End-of-cycle tone** – to have a tone sound at the end of each cycle.
- **Time format** – for setting the sequence for time displays and print-outs in AM/PM or 24-hour format.
- **Date format** – for setting the sequence for date displays and printouts (month/day/year, day/month/year, year/month/day).

PROCESSING TRAYS AND CONTAINERS

Specialized Trays and Containers are designed to enable the operator to fix devices in the appropriate position for sterile processing, ensure a continuous exchange of sterilant use dilution and sterile rinse on exposed surfaces of the devices (including internal structures and lumens) and protect certain types of devices during transportation to a sterile field following sterile processing.

Contact STERIS Customer Service for more information on device-specific trays and containers.

QUICK CONNECTS

The purpose of the STERIS Quick Connects is to ensure sterilant use dilution contact at all device sites.

Each Quick Connect includes the flow unit and instructions required to properly connect and flow devices in the Processor. Quick Connects are available for most flexible and rigid devices with internal channels and include device-specific processing instructions.

Contact STERIS Customer Service for a list of available device-specific Quick Connects.

ACCESSORIES

Accessories are available to enhance productivity or to meet specific Customer requirements, such as:

- **Workstation cart** (see Catalog M1013EN)
- **GFCI outlet** (hospital grade, ivory)
- **Temperature control valve**
- **Temperature booster** (240 V, 42 Amps; 208 V, 1-Phase, 48 Amps; or 208 V, 3-Phase, 48 Amps)
- **Thermometer assembly** (use with Temperature Control Valve)

CONSTRUCTION

The Processor frame is stainless steel, and the lid is aluminum casting with a see-through viewing window. Processor trays are ABS or PVC plastic.

MOUNTING ARRANGEMENT

SYSTEM 1 EXPRESS Processor can be installed in a variety of locations, with a minimum counter width of 40" (1016 mm), depth of 24" (610 mm) and minimum height of 38" (965 mm) measured from the top of the counter surface, to ensure proper overhead clearance.

If the Processor is installed on a hard-surface counter or permanently mounted shelf, the surface must be able to safely support 200 lb (91 kg). A 2" (51 mm) diameter hole is required to allow passage of the plug through the mounting surface.

Installation site selection must be within 5' (1524 mm) of electrical, water and drain inlet. Processor must be at least 12" (305 mm) away from open sink.

Also available is a workstation cart, designed to organize SYSTEM 1 EXPRESS Processor accessories and supplies for easy access and use (see Accessories).

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost, peak performance. Contact your STERIS Representative for information on annual maintenance agreements.

ENGINEERING DATA

Shipping Weight: 179 lb (81 kg)

Operating Weight: 162 lb (74 kg)

Water Consumption: 9.3 U.S. gal (34.8 L) per cycle

Sterilant Consumption: 1 single-use cup per sterile process

Environmental Factors: 16-32°C (60-90°F) room temperature; 10-90% relative humidity, non-condensing.

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NOTES

1. Building service lines, provided by Customer, must supply the specified pressures and flow rates.
2. Backflow preventer (not provided by STERIS).
3. Customer must be sure mounting surface can safely support 200 lb (91 kg).
4. Space requirements:
 - Width: 40" (1016 mm) minimum
 - Depth: 24" (610 mm) minimum
 - Height: 38" (965 mm) minimum (includes overhead clearance)

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

UTILITY REQUIREMENTS

Water

Tap or other potable water \leq 140 ppm hardness as CaCO_3 , 3/4" I.D. male hose connection; 40-50 psig (276-345 kPa); 46-48°C (115-118°F). Supply line: 1/2" (12.7 mm), minimum – 3/4" (19 mm), optimum. Max. flow rate: 4 U.S. gal/min (15 L/min).

Drain

1-1/4" (32 mm) minimum, sink or other sanitary, non-backpressuring.

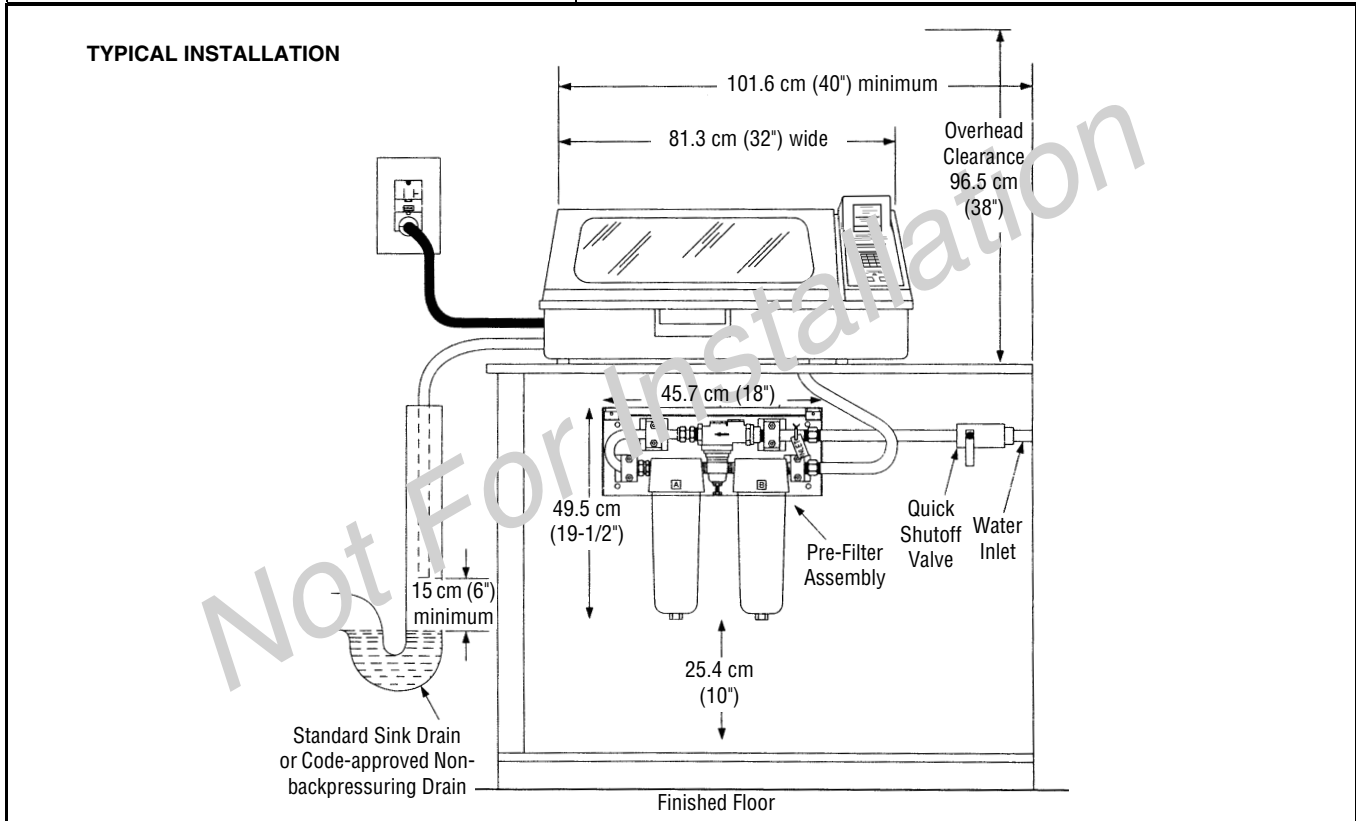
Electricity†

115 V ac, 60 Hz, 15 Amps; or
230 V ac, 50 Hz, 7 Amps.

† **115 V ac**, 20 A, 60 Hz, dedicated circuit; hospital grade GFCI receptacle per local codes. **230 V ac**, 10 A, 50 Hz, dedicated circuit; hospital grade receptacle per local codes.

Refer to the Following Information for Installation Details

Document Number	Document Title
T6542	Site Preparation and Installation Guide, SYSTEM 1 EXPRESS Processor



For Further Information, contact:



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

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- More Productive – cycle times as fast as 10 minutes
 - More Intuitive – effortless operation and reduced downtime
 - More Green – utility-saving technology and low cost of ownership
- The Vision 1321 and 1327 cart and utensil washer/disinfectors deliver maximum throughput and unparalleled performance because they are:



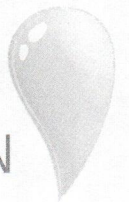
More Productive. More Intuitive.
More Green.



Vision® 1300 Series Cart and Utensil Washer/Disinfecter

M3533 FN

More Productive



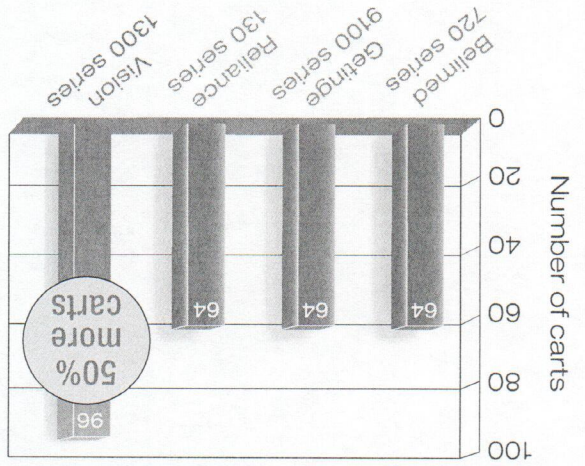
Revolutionary Performance

The unique HexaClean spray pattern technology and the enhanced drying system provide more effective cleaning from start to finish:

- high-impingement HexaClean spray pattern provides continuous full-contact washing throughout the entire cycle
- 10-minute cycle times process more carts in less time (50% more productive than competition)*
- provides thermal disinfection
- enhanced drying system allows faster drying time

The Vision 1321 and 1327 cart and utensil washers are manufactured in compliance with the latest North American and global standards.

Case carts processed per 8 hour day*



Instrument Processing Option

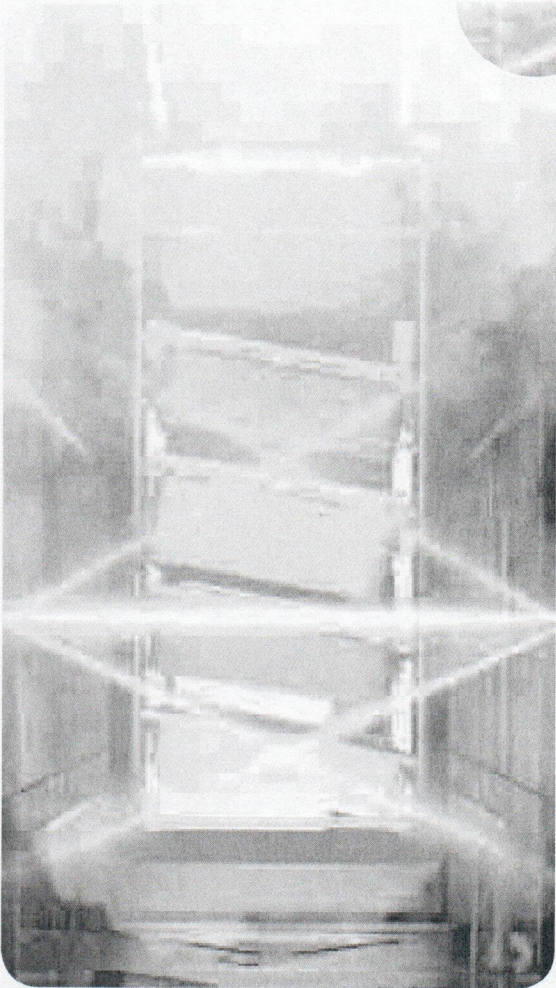
The optional instrument cycle package provides an alternative for reprocessing instrument trays and loaner sets. This package includes:

- instrument rack with integrated spray arms (validated and compliant specifically with Vision 1300 series washers)
- enzymatic solution pump system

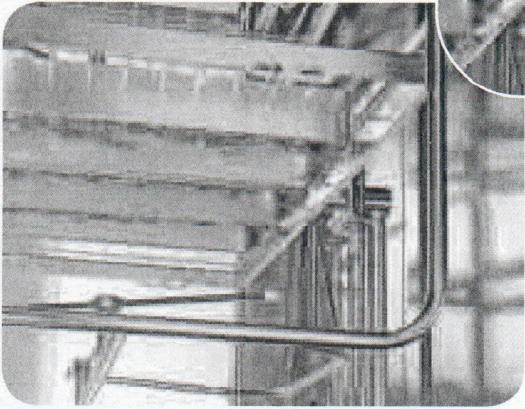
- integrated flow meters to ensure dosing accuracy
- instrument cycle pre-programmed into control
- intermediate level disinfection

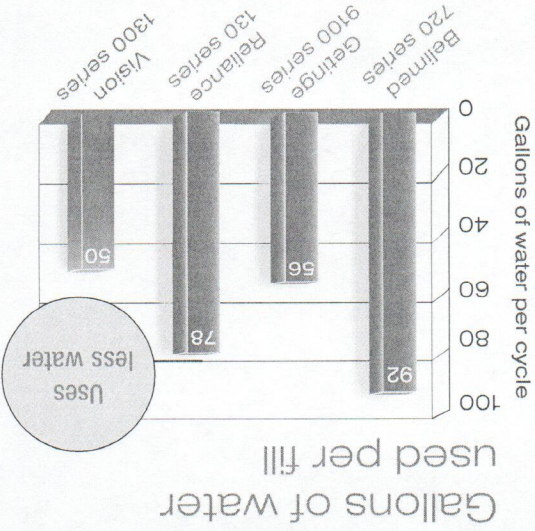
*Based on published data of 15 minute cycle times.

HexaClean spray in action
Powerful cleaning, proven results



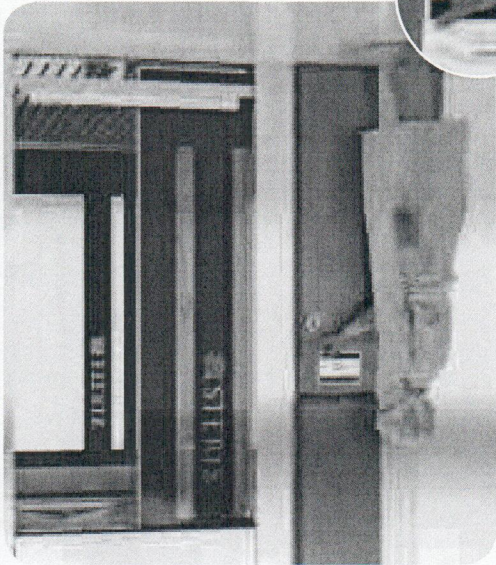
Integrated manifold recognizes that
instrument rack has been loaded.



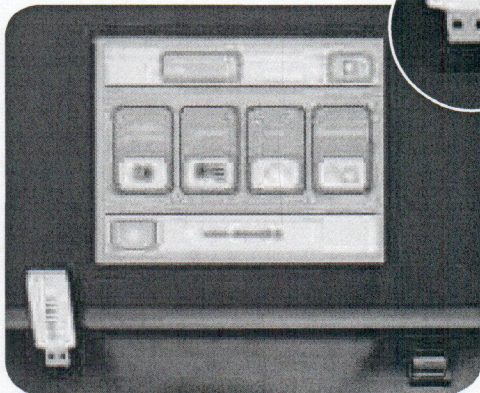


Gallons of water used per fill

Automatic single-touch sliding glass door



USB port for downloading records



More Intuitive

- Easy-to-use Control Panel
- single-touch icon buttons for easy cycle selection
- cycle phase and time is visible across the room
- provides cycle parameter verification
- convenient record keeping capabilities
- USB port - download cycle records at the touch of a button
- integrated cycle printer on clean side

Smart Technology

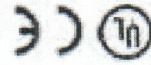
- automatic sliding glass doors are easy to operate
- hydraulic seal maintains heat inside the chamber
- automatic floor tilt helps provide more efficient drying
- safety cable on the interior of the chamber
- streamlined, easy-access mechanical core allows for quick maintenance to help maximize uptime
- ProConnect Remote Monitoring technology watches every cycle to make sure your equipment operates consistently.

More Green

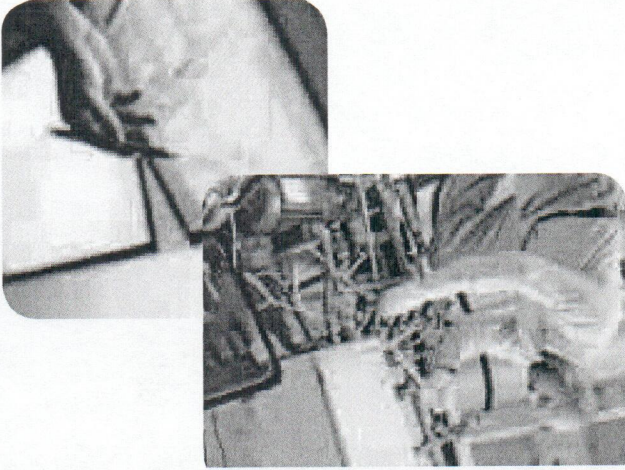
The Vision cart washer has been designed with water- and energy-efficient features to provide the lowest cost of ownership (up to 68% savings** compared to the competition).

The Vision 1300 Series:

- provides the lowest water consumption per fill of any washer on the market
- recycles 70% of water each cycle (excludes instrument cycle)
- Prolystica Cleaning Chemistries are formulated using biodegradable ingredients and use recyclable packaging
- 10 minute cycles allow for low utility consumption
- full glass door is made with 20% recycled glass

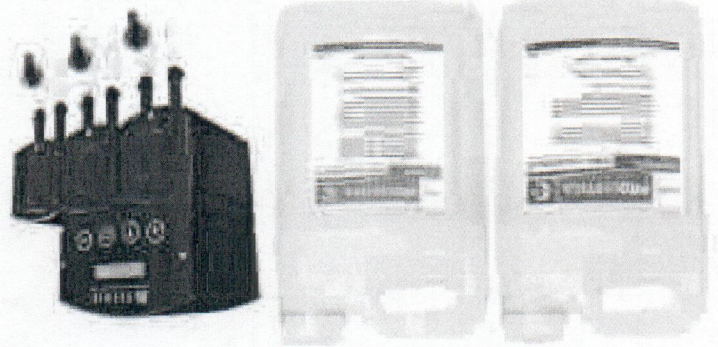


To see a video of the cart washer
in action, scan this QR code or visit
steris.com/visioncartwasher

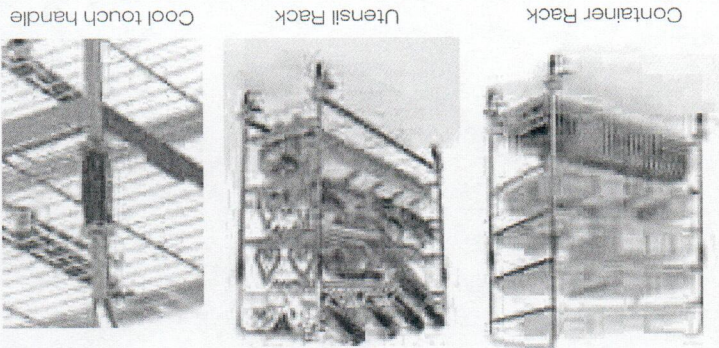


- Value Beyond the Product**
ProConnect™ Remote Monitoring System
- 24/7 equipment monitoring
 - proactive equipment alerts and issue resolution
 - priority technical phone support

- Maximize Cleaning Performance**
Efficient cleaning starts with the right chemistries. The lightweight, ergonomic Prolystica Cleaning Chemistries:
- are specifically formulated to maximize the performance of Vision washers
 - use less chemistries than non-concentrated formulations
 - are available in 2x or 10x concentrations
 - have biodegradable ingredients



- Racks for Every Need**
Newly designed racks for the Vision 1300 series washers offer:
- maximum capacity to meet your workflow needs
 - easy to load racks that optimize cleaning efficacy
 - ergonomic, cool touch handles for safety and efficiency
 - convenient removable basket (on container rack) makes loading retention filters easy



Container Rack

Utensil Rack

Cool touch handle

APPLICATION

The Vision 1321/1327 Cart and Utensil Washer/Disinfector is a high-capacity mechanical washer intended for use in the efficient cleaning, low-level disinfecting and drying of case carts, containers, utensils, beds and other miscellaneous reusable items used in the care of patients. In addition, soiled simple hard-surfaced rigid surgical instruments (e.g., forceps and clamps) are cleaned and intermediate level disinfected with a required option.

DESCRIPTION

The Vision 1321/1327 Cart and Utensil Washer/Disinfector is a mechanical unit equipped with a microprocessor control system. The unit is designed with eight factory-set adjustable cycles: CART STANDARD, CART LOW ECO, CONTAINERS, UTENSILS, BEDS, QUICK, ALUM SAFE and INSTRUMENTS.

Eleven additional cycles are available for customized programming to meet specific operating requirements. Cycles are programmed with a drying phase, and with minimal wash and thermal rinse duration. Two exterior mounted fluorescent lights are included to illuminate the wash chamber.

The Vision 1321/1327 Cart and Utensil Washer/Disinfector is available in a double-door configuration. The unit can be built to seismic design.

Size (W x H x L)

1321 Version

- **Maximum overall dimensions:**
124 x 112.75 x 106" (3150 x 2864 x 2692 mm)
- **Effective chamber load capacity:**
40 x 80 x 82" (1016 x 2032 x 2083 mm)

1327 Version

- **Overall dimensions:**
124 x 112.75 x 130" (3150 x 2864 x 3302 mm)
- **Effective chamber load capacity:**
40 x 80 x 106" (1016 x 2032 x 2692 mm)



(Typical only - some details may vary.)

STANDARDS

This washer/disinfector meets applicable requirements of the following standards:

- **Governing Directive for the affixing of the CE Mark:**
Medical Devices Directive 2007/47/EC.
- As certified by UL:
 - » Underwriters Laboratories (UL) Standard UL 61010-1, 2005.
 - » Canadian Standards Association (CSA) CAN/CSA-C22.2, No. 61010-1, Second Edition.
- **International Standards:**
 - » **EN/IEC 61010-1, 2nd Edition;** EN/IEC 61010-2-040, 2005; EN/IEC 61326-1, 2005.
 - » **EN ISO 15883-1:2006,** ANSI/AAMI ST 15583-1 and CSA Z15883-1:2009 - Washer-Disinfectors - General Requirements, Definitions and Tests
 - » **EN ISO 15883-2:2006***, ANSI/AAMI ST 15583-2 (draft)* Requirements and Tests for Washer-Disinfectors Employing Thermal Disinfection for Surgical Instruments, Aesthesia Equipment, Hollowware, Utensils, Glassware, etc.

* When Instrument Washing Option is Present.

The Selections Checked Below Apply To This Equipment

VOLTAGE

- 208 V, 3-Phase, 60 Hz
- 380-415 V, 3-Phase, 50 Hz
- 480 V, 3-Phase, 60 Hz

CONFIGURATION

- 1321 Double Power Door (Pass-Through)
- 1327 Double Power Door (Pass-Through)

ACCESSORIES

- Common Service Area Junction Panels
- Nonservice Side Panels
- Service Side Access Panels
- Air Compressor (available only North America)
 - 208 V 230 V 460 V
- Floor Ramps for Floor Mounted Unit (two)
- HEPA Air Filter
- Seismic Tie-Down Kit
- Bar Code Scanner
- Vision Cart Washer/Disinfector Container Rack
- Vision Cart Washer/Disinfector Utensil Rack

OPTIONS

- Pure Water Line
- Third Reservoir
- Instrument Cycle

REMOTE MONITORING

- ProConnect® Response Center (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports)

Item _____

Location(s) _____

- » **EN ISO 15883-6:2011**, Requirements and Tests for General Purpose Washer-Disinfectors Employing Thermal Disinfection for Non-Invasive Medical Devices, Washbowls, Utensils, Transit Containers, etc.

FEATURES

Sumless Solution Delivery System. The washer/disinfecter cabinet base is 6-3/4" (171 mm) deep.

Solutions are heated by an in-line stainless-steel heat exchanger. A thermal rinse tank includes a steam coil to maintain water temperature for thermal rinse phase.

Spraying System. The washer/disinfecter includes two horizontally mounted spray headers, one on each side of the wash chamber to optimize load coverage and cycle time. Each spray header contains 17 jets directed to provide maximum full load coverage. Header height is adjusted to concentrate spray action to lower portion of chamber when processing carts 44" (1118 mm) high or lower. Control monitors spray system travel to stop movement if obstruction is detected or alert operator if full movement is not accomplished.

Horizontal Sliding Doors. Each chamber is provided with two automatic, powered, side-sliding doors made of two 1/4" (6 mm) tempered glass panes to minimize heat transfer and allow easy visual monitoring of the cleaning process. Units are equipped with sensors to detect obstructions and prevent unit operation if doors are not fully closed. Doors are dynamically pressed against a silicone gasket ensuring complete air and water seal of the wash chamber.

Interior Light. Two exterior mounted 18W fluorescent lamps are provided to illuminate the wash chamber. The life expectancy of the lamps is 10,000 hours.

Integral Self-Priming Automatic Chemical Dispenser.

Three peristaltic pumps are included in the standard washer/disinfecter with up to two additional chemical injection pumps provided if Instrument Washing option and Three Reservoir option are installed. Standard pumps: one for neutral or alkaline detergent, one for rinse aid and one for the descaler agent. The pumps are located in a separate room, positioned near the detergent containers and connected to washer/disinfecter with up to 100' (30 m) of piping. Each tube is color coded to facilitate tracking through the facility.

Pumps allow the use of the Prolystica® Ultra Concentrate chemicals. Each ultra concentrated product is 10 times the concentration of a traditional product, therefore Only 1/10th of the chemical is injected to properly process the cycles.

The peristaltic pumps automatically add a selected quantity of detergent:

- Ultra Concentrates: 1/20 or 1/10 oz/gal (0.4 to 0.8 mL/L).
- Regular Chemicals: 1/8 to 2 oz/gal (1 to 16 mL/L)
- Rinse Aid: 1/50 oz/gal (0.16 mL/L).

A low-level sensor is included to indicate when the detergent level in the container is low or when insufficient chemical is available for the next cycle.

The control monitors the volume of chemicals injected and indicates if this parameter meets specified criteria during all specific phases (only for instrument cycle).

Wash Chamber. The chamber is constructed of 14 and 16 gauge, #304 stainless steel (No. 4 finish), argon-welded and polished. Base is made of #304 L stainless steel. Chamber flooring consists of two removable stainless-steel panels designed with gratings running lengthwise in the chamber allowing for quiet loading and unloading.

A removable debris screen is located in the bottom of the chamber. The debris screen prevents large debris from entering the piping system and pump. The screen is provided with a handle and is easily removed for cleaning under running water.

Other Components. All components of the wash/rinse system, including screens, spray headers, piping, and booster in-line heat exchanger are constructed of #304 stainless steel. High-pressure recirculating pump is made of #316 L stainless steel. Ball valves are constructed of Teflon® and #316L stainless steel.¹

Unit frame, mobile mechanical core and all fasteners are constructed of #304 stainless steel. Aluminum-sheathed rigid fiberglass insulation, 1" (25 mm) thick covering the top and sides of the chamber exterior, reduces heat loss and noise level to the work area.

Treatment Staging Tanks. The tanks are equipped with an automatic solution level control, automatic hot water fill and safety overflowing piping. Tanks are made of #304 L stainless steel and are fully insulated with 1" (25 mm) thick aluminum sheathed fiberglass to prevent heat loss and burn hazard. The bottom of the tanks are sloped toward the water outlet for optimum drainability. Each solution tank includes an internal baffle that deflects solutions to the tank walls to assure self-cleaning of the tank during the recirculation process. Capacity is 25 U.S. gal (94.62 L).

High Pressure Pump. Open impeller pump is powered by dual-speed motor permitting two ranges of flow rate/pressure. Pump impeller, shaft and casing are of #316 L stainless-steel construction. The pump motor is a TEFC (totally enclosed fan cooled) class H motor, electro-polished, magnetic starter, overload protection and sealed bearings (requiring no lubrication).

Nonrecirculated, Vented Drying System. The vented drying system effectively dries the processed load at the completion of each cycle. Fresh, heated filtered air is blown at high velocity through all four corners of the wash chamber and to the load. Dry air is then evacuated through the chamber vent opening. Fresh air can be HEPA (High Efficiency Particulate Air) filtered as an accessory.

Automatic Floor Tilting System. System slopes the processed load at the start of the drying phase to properly drain flat surfaces of carts. The floor is automatically returned to its level position at completion of the cycle for smooth loading and unloading.

Integral Exhaust Fan. The fan assists the building ventilation system when evacuating vapor from the wash chamber. Fan impeller, casing and motor shaft are made of stainless steel.

¹ Teflon® is a registered trademark of E.E. Dupont de Nemours and Company.

Heating System. Solutions are heated by an instantaneous, in-line, stainless-steel heat exchanger designed to reduce steam consumption and cycle time. A steam coil also exists in the thermal rinse tank to preheat and maintain water temperature to reduce thermal rinse phase readiness time.

Drain Discharge Cool Down. Unit is provided with a cold water connection for use with cold water selection and effluents cool down if sump or reservoir water temperature is higher than 140°F (60°C) while being discharged to building drain system.

Process Data Validation System. The washer/disinfector includes a Process Data Validation System (PDVS). This system documents and measures the following parameters:

- Sump temperature
- Volume of detergent injected during Instrument Cycle

Control alarms user if this independently recorded data falls outside passing criteria. The PDVS increases facility confidence level that the cycle has been successfully completed.

ProConnect Response Center. Minimize response time and minimize unscheduled downtime on your equipment. Secure, internet-based, 24/7 remote monitoring enables both Predictive Maintenance as well as instant alert to STERIS when there is an equipment alarm. Also included are priority technical support, online parts ordering, equipment performance dashboards, and scheduling service at eservice.steris.com.

CONTROL SYSTEM

The control system consists of an Allen-Bradley SoftLogix™ PC-based control system¹. Operator interfaces are ergonomically located, easily accessible and viewable on both ends of the unit. Other control system features are as follows:

- **Control system** monitors and controls washer operations and functions. Cycle progresses automatically through the designated phases as programmed. Control system also stores all cycle data as protection against power disruption.
- **Operator Interface** is an 8 x 7" (203 x 179 mm) touch-sensitive color graphic display. Display permits operator to monitor current cycle status, including current chamber temperature and remaining phase time. Identical information displayed on both ends of the unit.
- **Integral thermal printer** with automatic paper take-up provides an easy-to-read record of all pertinent cycle data. Generated printout includes date, treatment type, cycle starting time and key cycle transition points. All cycle deviations are indicated by visual and audible means, recorded by the printer and need acknowledgement by operator.
- **Security access code** requires entry of a four-digit access code to change cycles, cycle values and to enter service mode.
- **Service mode** is accessible through main control panel for service and maintenance purposes.
- **Preprogrammed parameters** for each cycle. If operator selects an out-of-range setting when modifying the cycle values, the control system alerts operator with a reference message and halts further operation until the correct value is entered.
- **USB Port** is supplied so cycle data is available in PDF format and accessible through Service Mode.

¹ SoftLogix™ is a trademark of Allen-Bradley, a Rockwell Automation Company.

- **Ethernet port** is available for remote monitoring and troubleshooting.
- **Three Operator Modes** are available. Supervisor, Service and Cycle. The first two modes are password protected. Cycle mode is always available.

CYCLE DESCRIPTION

ADVISORY NOTE: *This washer/disinfector is specifically designed to only process goods as outlined in this tech data. If there is any doubt about the use of a specific material or product, contact the manufacturer of the product for recommended washing techniques.*

STERIS does not intend, recommend, or represent in any way that this Vision 1321/1327 Cart and Utensil Washer/Disinfector be used for the terminal disinfection or sterilization of any regulated medical device. The Vision 1321/1327 Cart and Utensil Washer/Disinfectors are intended only to perform an initial step in the processing of soiled, reusable items used in the care of patients. If medical devices will be contacting blood or compromised tissues, such devices must be terminally processed in accordance with good hospital practices (GHP) before each use in human patients.

Items to be cleaned are placed on the appropriate accessory cart and/or rack and are positioned in front of the washer. When the washer is ready, the operator opens the doors and pushes the cart/rack into the chamber. Operator closes the door and initiates the cycle. Unit proceeds through treatment schedule and automatically opens the unloading door at cycle completion. A display message and audible alarm indicate that the load is ready for removal. Clean side operator removes clean/disinfected items.

Each cycle program is operator adjustable to meet specific processing needs. Cycle programming is protected by a security access code set by the supervisor. The standard control system features eight factory pre-programmed cycles (CART STANDARD, CART LOW ECO, CONTAINERS, UTENSILS, BEDS, QUICK, INSTRUMENTS and ALUM SAFE) and a special SELF DECONTAMINATION cycle for routine maintenance of the unit. Control is also equipped with open cycles that are programmable on-site at the user's discretion.

Each cycle program is constructed of phases. The following phase descriptions are from the featured Cart and Utensil cycles developed and validated to provide a total cleaning solution by joining advanced washing technology with Prolystica Ultra Concentrate cleaning chemistries:

Wash phase - solution from Reservoir (Tank) 2 or 3 (if the third reservoir option is present) is recirculated through the spray system for the selected time period. Solution is heated to 135°F (57°C) in the second portion of the phase. After a programmable number of cycles, solutions are automatically drained and renewed.

Thermal Rinse phase - pre-heated, hot or pure water from Reservoir (Tank) 1 is sprayed over the load and recirculated for the selected time period to rinse and disinfect the load. Solution is heated to 176°F (80°C). After a programmable number of cycles, solutions are automatically drained and renewed. Rinse Aid is automatically added during the reservoir (tank) filling.

HEPA-Filtered Air Drying - The drying phase consists of blowing heated nonrecirculated air on the load, and evacuating it through the vent connection. Selected time for this nonrecirculated phase must be between 02:00 and 15:00.

SAFETY FEATURES

Safety Door Switch. A microswitch prevents a cycle from starting if the doors are not fully closed, and also stops the unit if doors are opened during a cycle. Doors must be closed to continue operation. Also, if an obstruction is present when a door attempts to close, control senses obstruction and prevents door from closing.

Emergency Stop Pushbuttons. The washer/disinfector is equipped with two external Emergency Stop pushbuttons that automatically stop operation of the unit. Once pushed, door locking mechanism disengages allowing the door to be easily opened from inside or outside.

Door Interlock. The safety interlock mechanism prevents both doors from being opened simultaneously, preventing cross-contamination. The clean side/unload door cannot be opened until the cycle has been successfully completed.

Labeling. The washer/disinfector is labeled with warning and caution pictograms to warn the operators and service technicians of precautions to be taken.

Emergency Stop Cables. Located on each side of the interior wash chamber, instantly stop washer/disinfector operation if pulled. Once pulled, door locking mechanism disengages allowing the door to be easily opened from inside or outside.

ON/OFF Switch. Power switch is located on load side of the unit and is used to shut off control power and drain sump and reservoirs (tanks).

OPTIONAL FEATURES

Instrument Cycle Package allows the cleaning and intermediate level disinfection of soiled hard-surfaced rigid surgical instruments (e.g., forceps and clamps). Option comes with an Enzyme injection line, a coupling system for manifolded rack, a Vision instrument washing manifolded rack, detergent flow meters and an Instrument Cycle.

Third Reservoir Option allows an additional detergent to be introduced to wash cycle. Tank is constructed of #304 L stainless-steel, insulated with aluminum sheathed rigid fiberglass to prevent heat loss and burn hazard and with a capacity of 25 US gal (95 L).

Pure Water Line, constructed of 316 stainless-steel, delivers purified water to rinse phase.

ACCESSORIES

High Efficiency Particulate Air (HEPA) filter is located on the mechanical core of washer/disinfector. Air entering the chamber passes through the HEPA filter to prevent any contamination of the load.

Service Side Enclosure Panels and supports are provided to enclose the mechanical core.

Nonservice Side Enclosure Panels are provided to cover insulation on the nonservice side of unit cabinet.

Remote Air Compressor, complete with tank and pressure switch, is available in either 208 V or 460 V. Oilless air compressor operates at 59 dBa. Wiring at installation not provided by STERIS.

Floor Ramps, 4' (1.2 m) long, are provided with guards on each side to help the operator guide the load into the washer. Slope of the ramp not to exceed 6.5° to enable easy loading of carts in the wash chamber.

Seismic Tie-Down Kit includes hardware for properly securing the washer to the building floor. The washer is designed to comply with Seismic Zone 3 and 4 requirements.

Bar Code Scanner is provided to automatically identify and initiate the appropriate cycle by means of a bar code tag attached to load.

PREVENTIVE MAINTENANCE

A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost peak performance. STERIS representatives can provide information regarding annual maintenance programs.

CHEMICAL ADDITIVES SPECIFICATIONS

Follow detergent label recommendations for the concentration of chemical to use.

To achieve maximum cleaning efficiency, STERIS recommends the following chemicals:

- Prolystica® Ultra Concentrate Enzymatic Presoak and Cleaner (Instrument Cycle).
- Prolystica® Ultra Concentrate Alkaline Detergent.
- Prolystica® Ultra Concentrate Neutral Detergent.

IMPORTANT: STERIS does not promote, recommend, or endorse the use of any other type of chemical additives in the processing of articles in the Vision 1321/1327 Cart and Utensil Washer/Disinfector, such as high alkaline detergents (pH > 12), alcohol rinses, and liquid disinfectants, including hypochloric acid (bleach).

NOTES

1. Customers must ensure the washer/disinfector stands on a level non combustible floor.
2. STERIS recommends that shutoff valves and vacuum breakers (not provided by STERIS) be installed on service lines, and that fused disconnect switches (with lockout in OFF position; not provided by STERIS) be installed in electric supply lines near the equipment.
3. Pipe sizes shown indicate terminal outlets only. Building service lines provided (not provided by STERIS), must supply the specified pressures and flow rates.
4. For all ventilation ducting from the washer, STERIS recommends installation of a dedicated corrosion-proof, water-tight duct, rated to an operating temperature of 210°F (99°C) or more, to the exterior of the building, sloped toward the washer with condensate drain connection.
5. Refer to Equipment Drawing for specific installation details.
6. STERIS recommends a well-lighted service area (if applicable), along with the provision of a convenience outlet for maintenance.
7. Always follow local electrical codes and safety-related work practices for wiring.

UTILITY REQUIREMENTS

Important: Refer to Equipment Drawing (Vision 1321: 920-517-287; Vision 1327: 920-513-916) for installation details and specifications.

Hot Water

1" NPT

Cold Water

1" NPT

Steam

1-1/2" NPT

Air

1/2" NPT

Ventilation

6" (152 mm) O.D.

Drain

Recommended minimum 9" (229 mm) floor sink with minimum 4" (101 mm) drain outlet.

Pure Water

1" NPT

Condensate Return

1" NPT

Electricity

- » 200-208 V, 60 Hz, 3-Phase, 25.5-27.5 Amps
- » 460-480 V, 60 Hz, 3-Phase, 13.5 Amps
- » 380-415 V, 50 Hz, 3-Phase, 14.5 Amps

Telecommunications Requirements for ProConnect Response Center

- An active wired or wireless TCP/IP network, 10/100BaseT Ethernet connection at each piece of connected equipment, Internet access and an IP address on the facility network.
- 5 GB of available hard drive space to run the service agent. Can be installed on:
 - »Dedicated PC running Windows XP with 2.8GHz processor, 512MB of RAM
 - »Virtual Machine
 - »Server
- Local STERIS login at the PC with a username of STERIS and the password should be ProConnect (STERIS Customer Number).

Ethernet cable to connect each piece of STERIS equipment and the dedicated PC to the facility network.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

ENGINEERING DATA	
Shipping Weight (max): Chamber	1920 lbs (871 kg)
Mechanical Core	1400 lbs (635 kg)
Operating Weight: Cabinet, Water, Two Heavy Case Carts	7483 lbs (3394 kg)
Without Cabinet, With Water and Two Heavy Case Carts	6367 lbs (2888 kg)
Hot Water Consumption per cycle:	14 U.S. gal (53 L)
Steam Consumption per cycle (with hot tap water heated at 140°F-60°C):	31 lbs (14 kg)
Noise Level¹:	65 dBa
Heat Loss:	13,800 BTU/hr (4039 W)

¹ Calculated as described in ISO-3746 standard

NOTES

Recommended Air Compressor

1. Rotary scroll air compressor must be located in a clean, well lit, and ventilated area.
2. Never install the compressor where the ambient temperature is higher than 105°F (40°C), or where humidity is high. Clearance must allow for safe, effective inspection and maintenance. Minimum clearances required: above, 24" (610 mm); drive belt side, 12" (300 mm); and, other sides 20" (510 mm).

3. Never use any piping smaller than the compressor connection.

UTILITY REQUIREMENTS

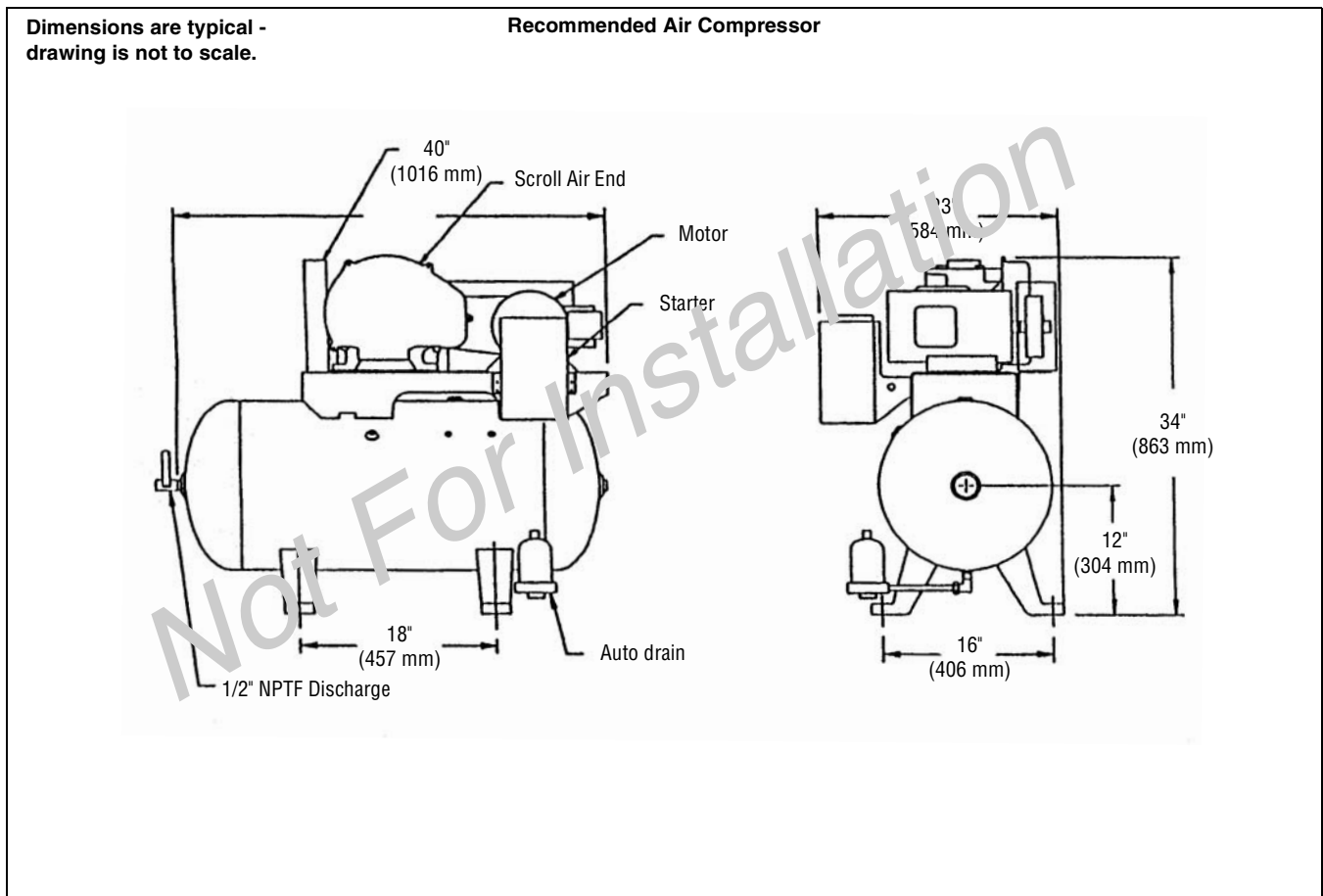
Recommended Air Compressor

Electrical – Compressor Motor

208 or 460 Volt, 60 Hz, 3-Phase

ENGINEERING DATA - RECOMMENDED AIR COMPRESSOR WITH AUTOMATIC TANK DRAIN

CFM Open Flow	Weight	Comp. Stages	TANK				MOTOR
			Lubrication	Size	Capacity	Max. Press	Operating Speed
7.7	240 lbs (109 kg)	1	Oilless	See Below	30 gal (114 L)	100 psig (689 kPa)	60 Hz (1725 rpm)

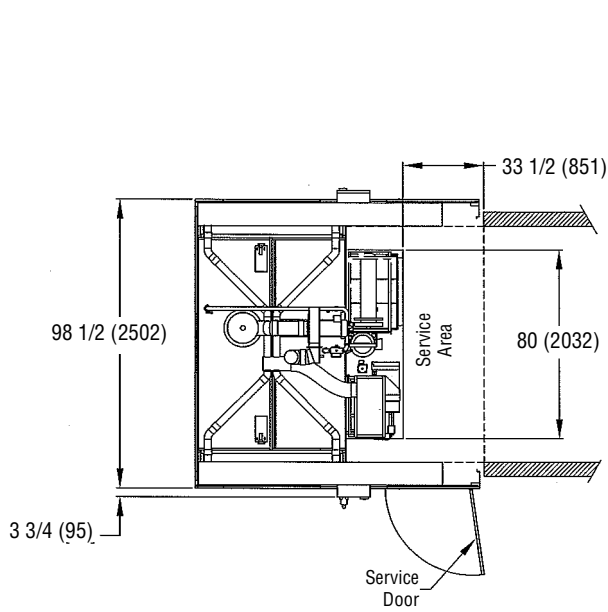


Refer to the Following Equipment Drawings for Installation Details

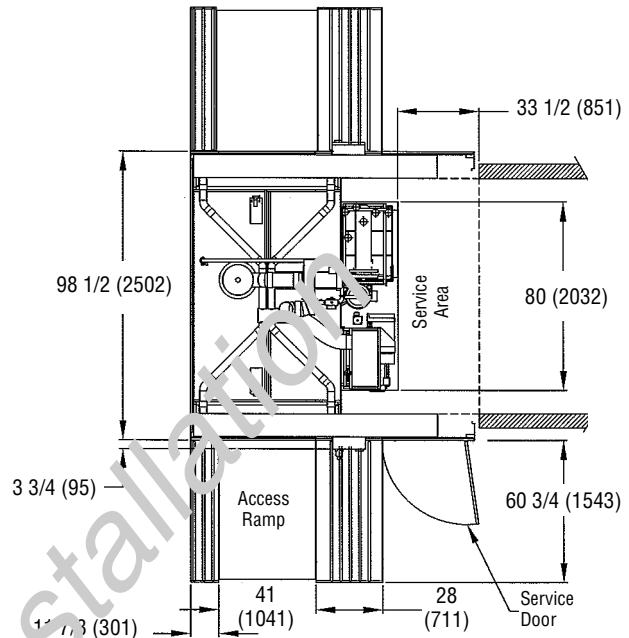
Equipment Drawing Number	Equipment Drawing Title
920-517-287	Vision 1321 Cart and Utensil Washer/Disinfector
920-513-916	Vision 1327 Cart and Utensil Washer/Disinfector

Dimensions are typical – drawing is not to scale.

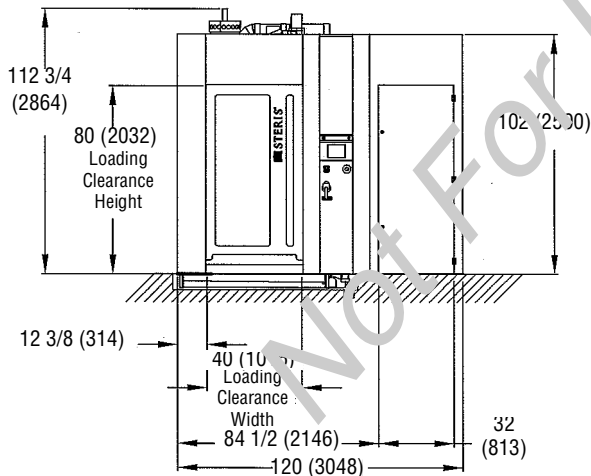
Dimensions are inches (mm)



TOP VIEW

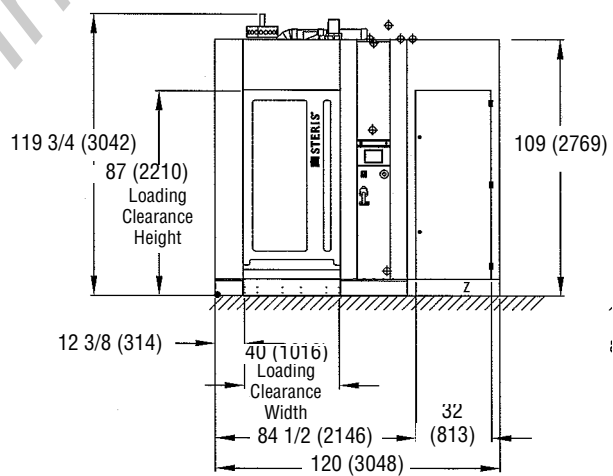


TOP VIEW



FRONT VIEW

Pit-Mounted Unit



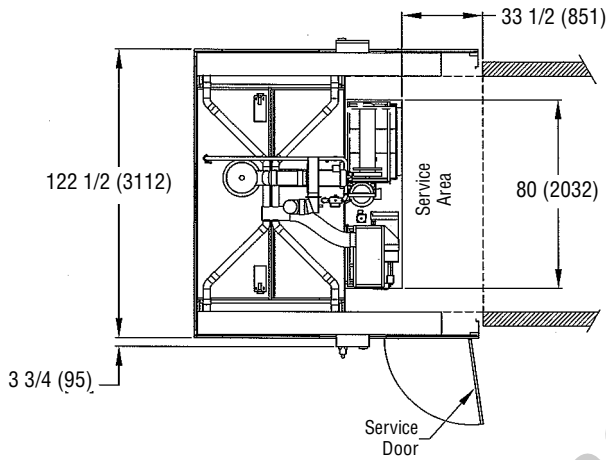
FRONT VIEW

Floor-Mounted Unit

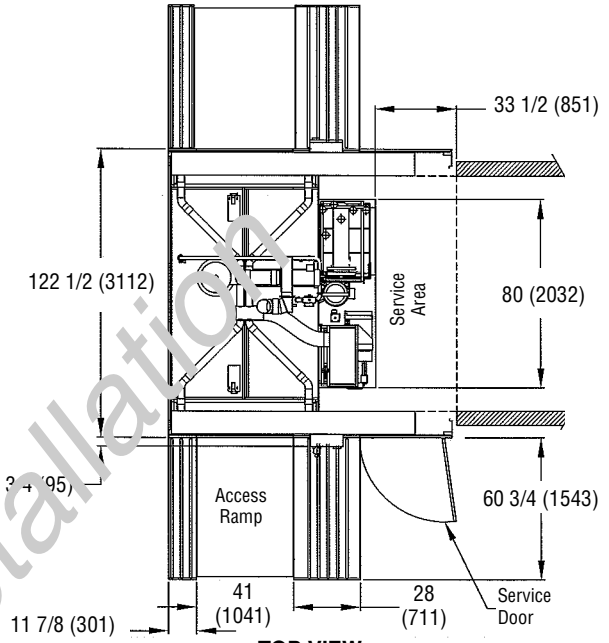
Vision 1321 Cart and Utensil Washer/Disinfector

Dimensions are typical –
drawing is not to scale.

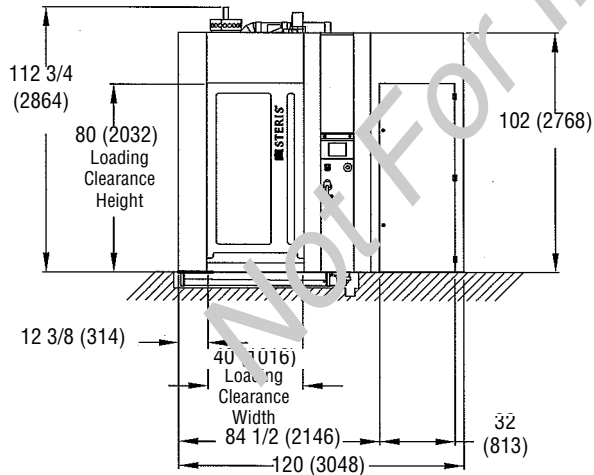
Dimensions are inches (mm)



TOP VIEW

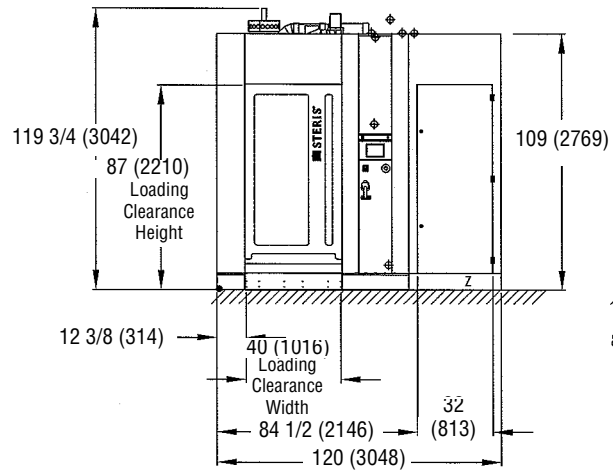


TOP VIEW



FRONT VIEW

Pit-Mounted Unit



FRONT VIEW

Floor-Mounted Unit

Vision 1327 Cart and Utensil Washer/Disinfector

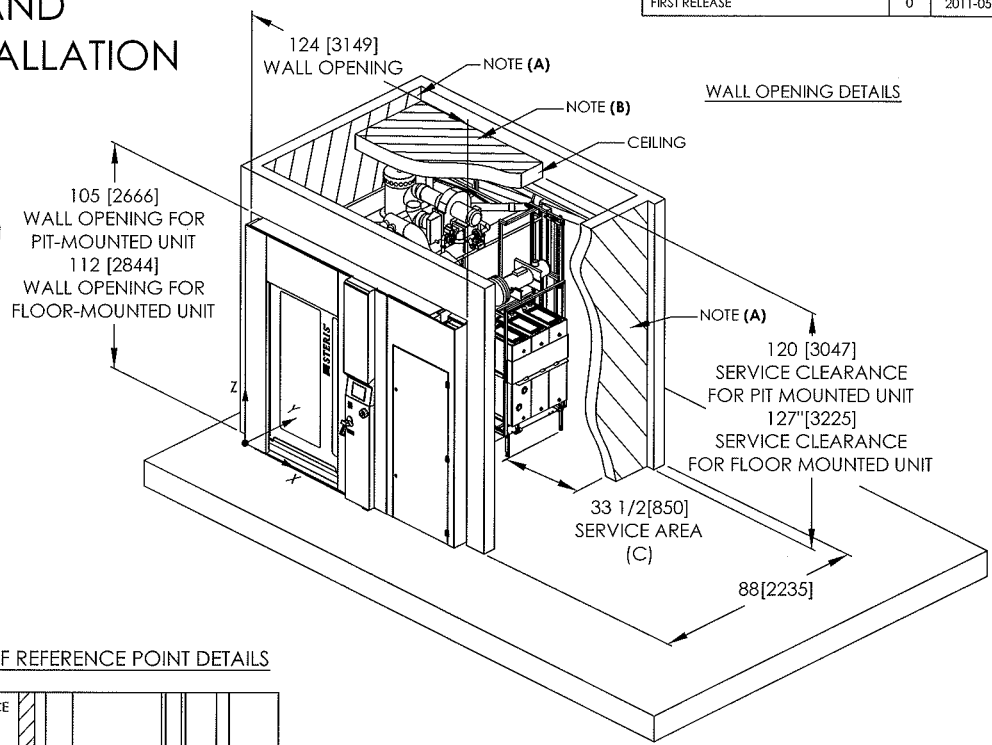
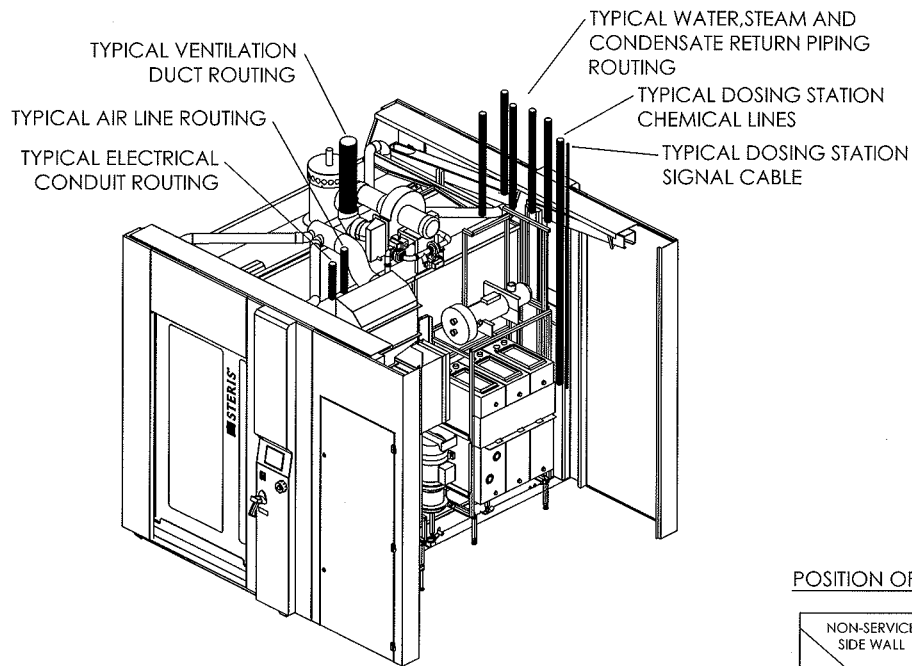
For further information, contact:



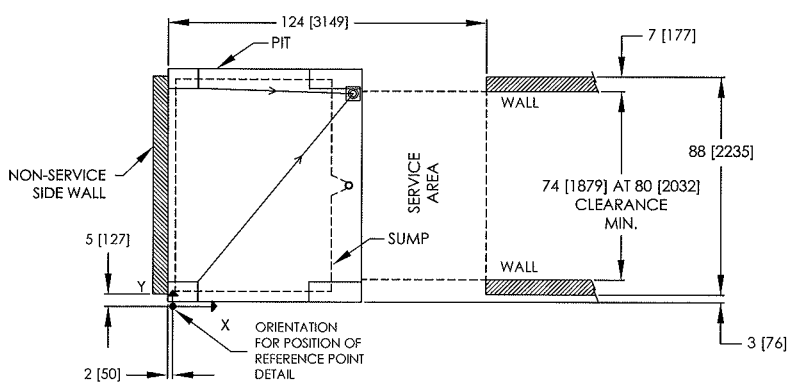
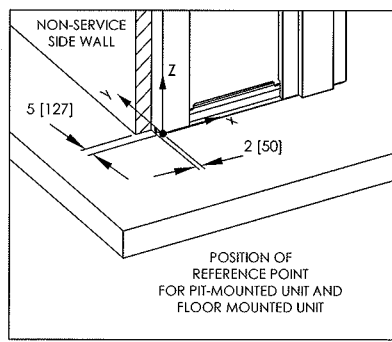
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WALL AND TYPICAL INSTALLATION



POSITION OF REFERENCE POINT DETAILS



GENERAL NOTES:

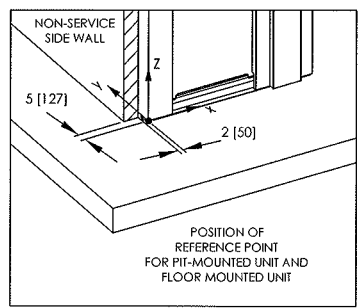
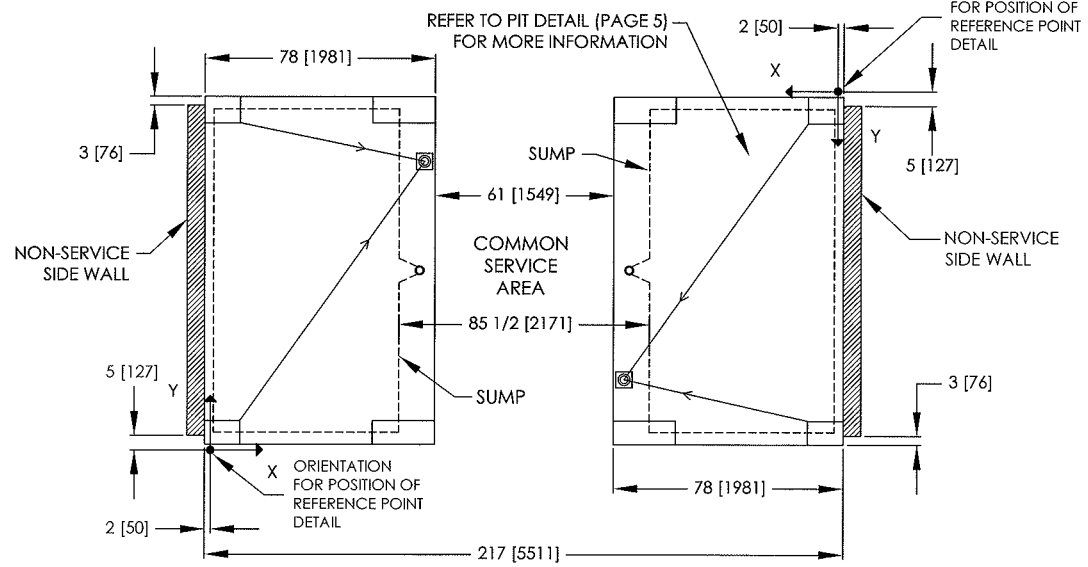
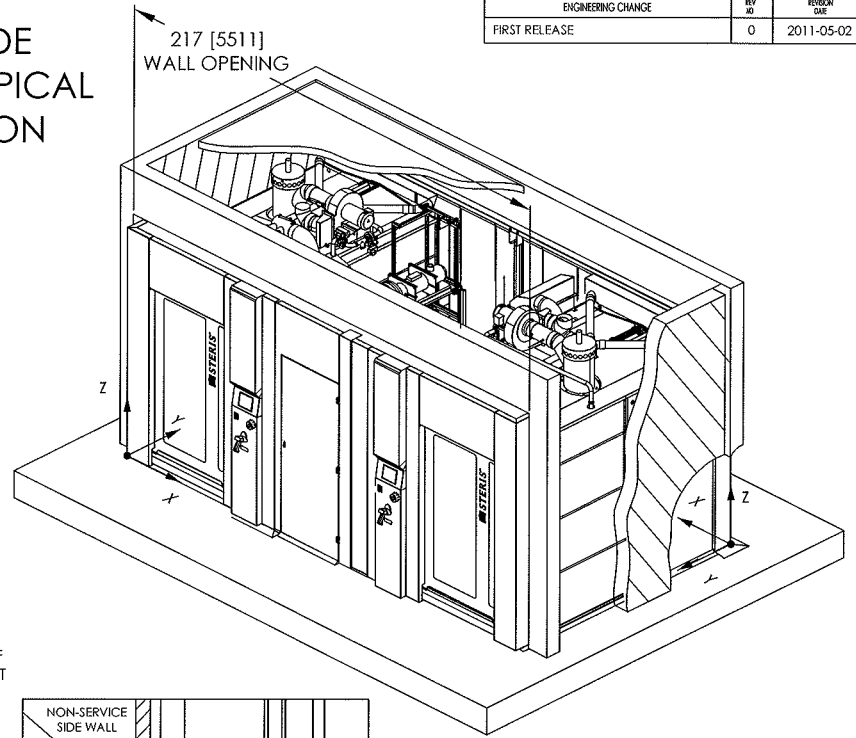
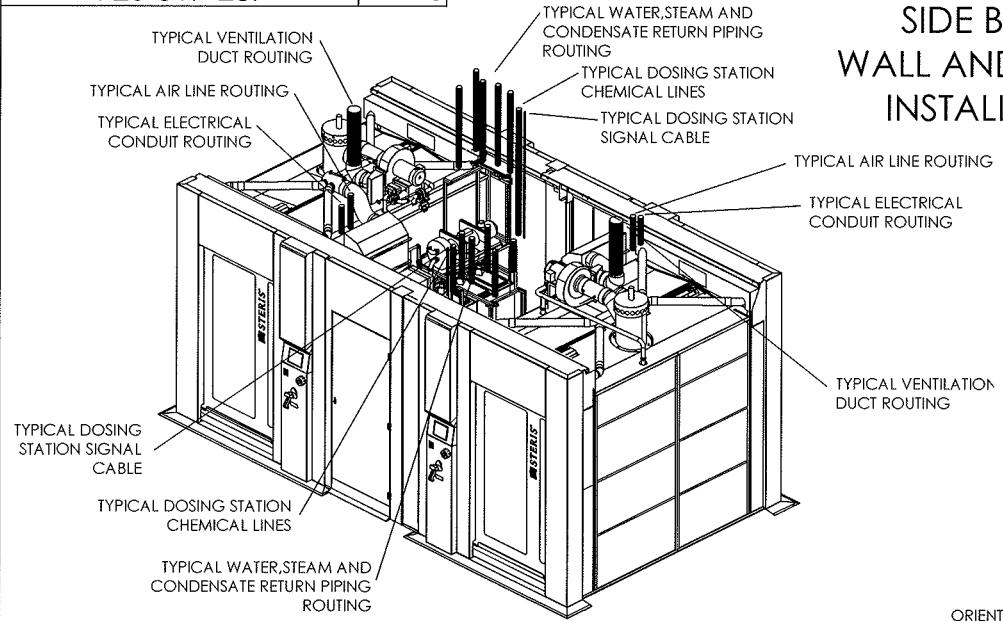
1. ALLOW SUFFICIENT SPACE TO LOAD AND UNLOAD CARTS AND UTENSILS (PLUS LENGTH OF RAMP(S), IF APPLICABLE).
2. AIR LINE, ELECTRICAL CONDUIT, DUCT WORK, STEAM PIPING, CONDENSATE RETURN PIPING AND WATER PIPING SHOULD BE ROUTED ABOVE WASH CHAMBER AS INDICATED TO AVOID INTERFERING WITH SERVICE OF COMPONENTS ON WASHER ROOF.

NOTE (A) : WALLS COULD BE BUILDING WALL OR OPTIONAL SERVICE OR NON-SERVICE S/S PANELS.
 NOTE (B) : DECK / IF PRESENT
 NOTE (C) : FOR STANDARD THROUGH-WALL UNIT, CLEARANCE BETWEEN CLOSED DOOR OF ELECTRIC CABINET AND FACILITY WALL, OR ANY FIXTURE, OPPOSITE MUST BE AT LEAST 36" [914].

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DWG. NO.	920-517-287	DATE	2011-03-03
REV. NO.	0	DATE	2011-03-03

HCC/DO/DC

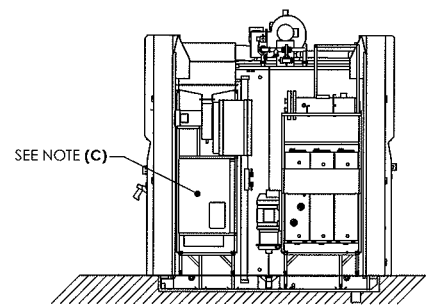
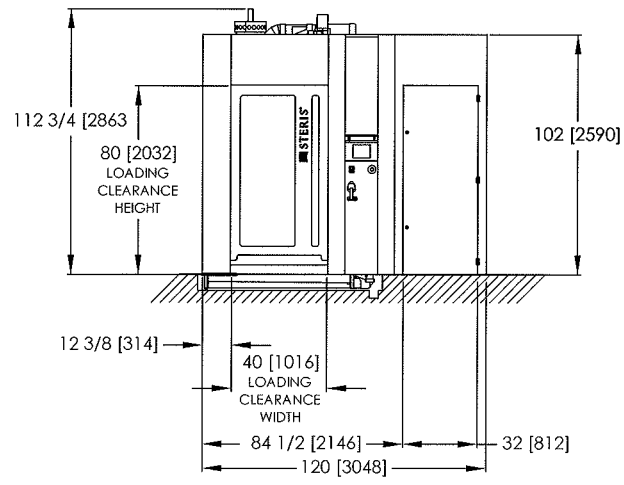
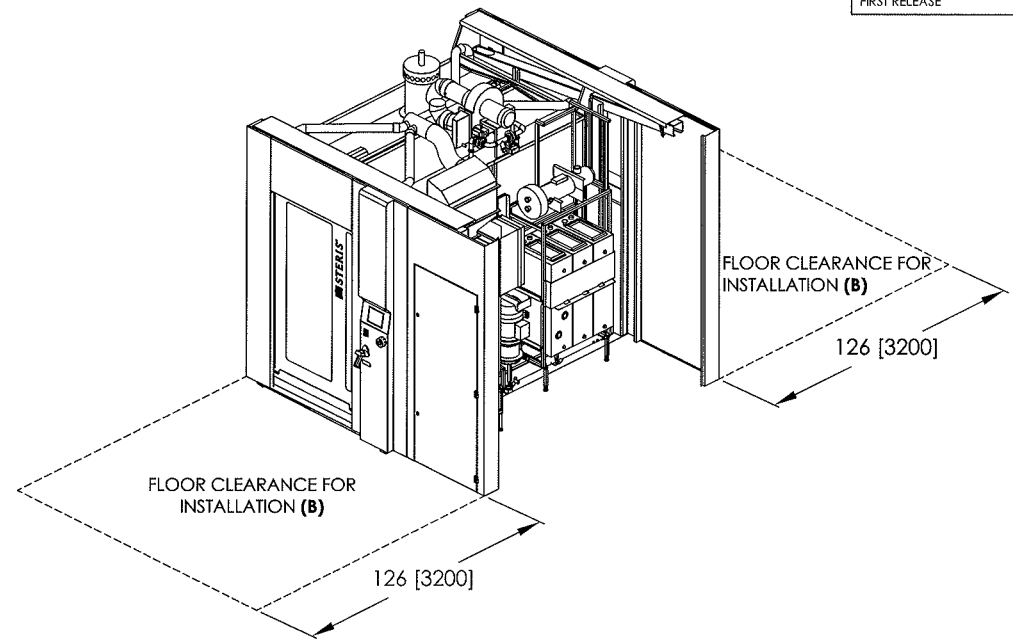
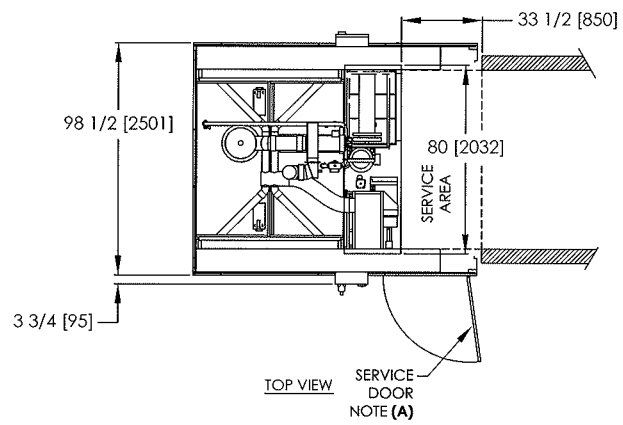
SIDE BY SIDE WALL AND TYPICAL INSTALLATION



- GENERAL NOTES:
- FOR TWO UNITS WITH SERVICE AREA BETWEEN. CLEARANCE BETWEEN CLOSED DOORS OF ELECTRIC CABINETS AND NEAREST PART OF OTHER WASHER, OR ANY FIXTURE BETWEEN, MUST BE AT LEAST 41 1/2[1054]

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DRW. NO.	MG.	CD.	ENG.	DATE
920-517-287		M6	FG	2011/05/03
DATE	2011-05-02	DATE	2011/05/03	
DRG. NO.				2 SHEET OF 13
920-517-287				

PIT-MOUNTED UNIT



GENERAL NOTES:

1. CUSTOMER MUST BE SURE THAT MACHINE STANDS ON A NON-COMBUSTIBLE FLOOR.
2. ALLOW SUFFICIENT SPACE TO LOAD / UNLOAD CARTS (ACCORDING TO CUSTOMER CARTS DIMENSION)
CONTAINER 63 1/2 [1612] LG
UTENSIL 65 1/2 [1663] LG
INSTRUMENT 65 [1651] LG
3. A-WEIGHTED EQUIVALENT SURFACE SOUND PRESSURE LEVEL: 65 dB(A)
4. SEE SUMP PIT DETAILS FOR ADDITIONAL POSITIONING INFORMATION.

NOTE (A) : SERVICE AREA ACCESS DOOR IS INSTALLED ON LOAD SIDE OF THE WASHER. LOAD SIDE CAN BE EITHER ON LEFT OR RIGHT SIDE OF THE MECHANICAL CORE.
NOTE (B) : IF RECOMMENDED FLOOR CLEARANCE FOR INSTALLATION IS NOT AVAILABLE ADDITIONAL MANPOWER AND EQUIPMENT WILL BE REQUIRED.
NOTE (C) : FOR STANDARD THROUGH-WALL UNIT, CLEARANCE BETWEEN CLOSED DOOR OF ELECTRIC CABINET AND FACILITY WALL, OR ANY FIXTURE, OPPOSITE MUST BE AT LEAST 36" [914].

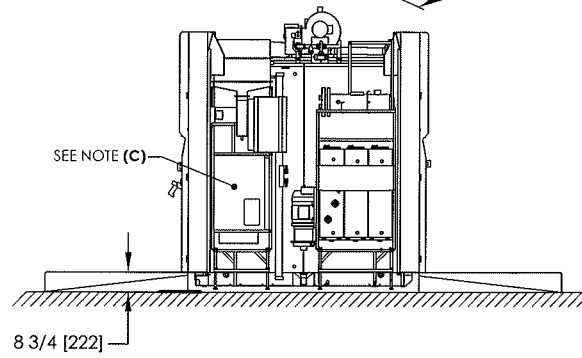
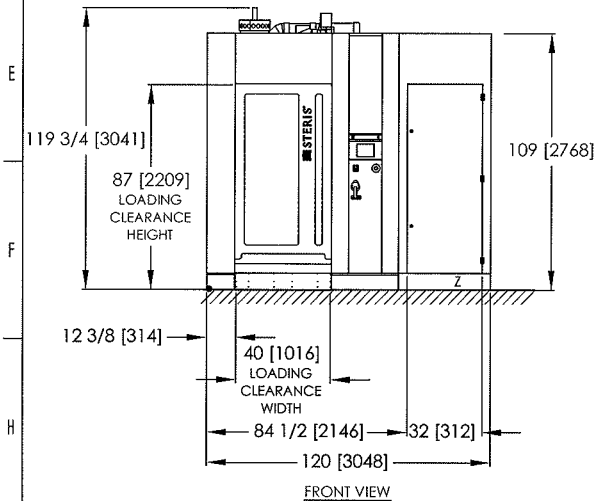
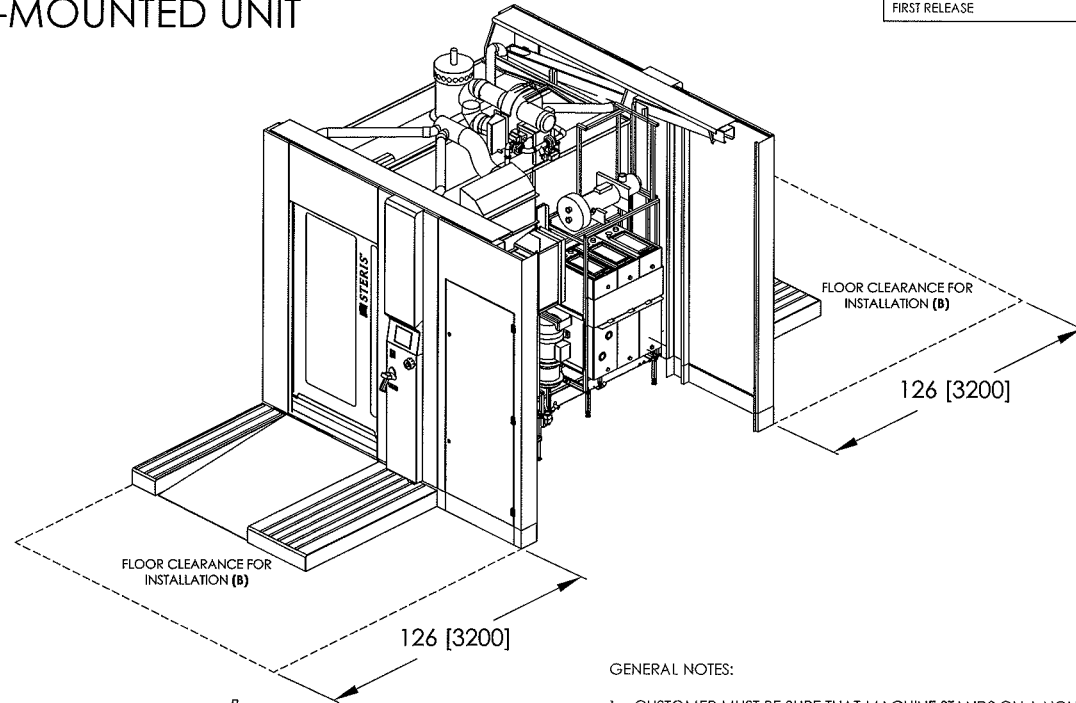
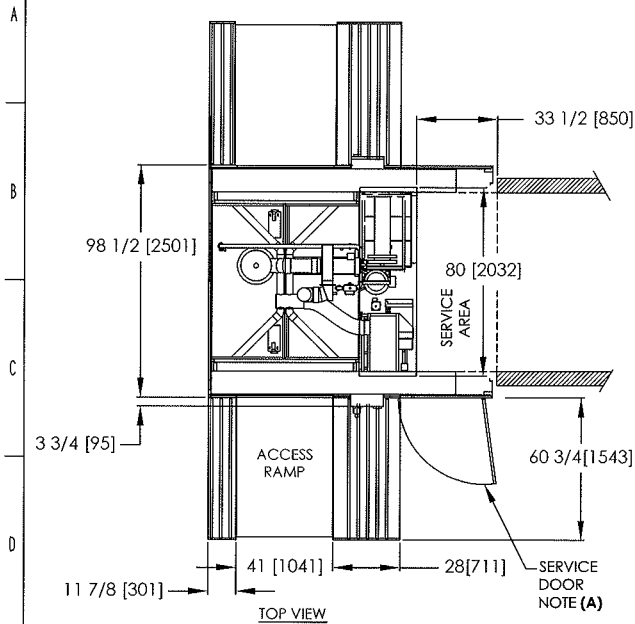
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DWG. NO. 920-517-287	SHEET OF 13	DWG. NO. FC	DATE 2011/05/23

RECORDING

RECORDING

FLOOR-MOUNTED UNIT

ENGINEERING CHANGE	REV ID	REVISION DATE
FIRST RELEASE	0	2011-05-02



GENERAL NOTES:

1. CUSTOMER MUST BE SURE THAT MACHINE STANDS ON A NON-COMBUSTIBLE FLOOR.
2. ALLOW SUFFICIENT SPACE TO LOAD / UNLOAD CARTS (ACCORDING TO CUSTOMER CARTS DIMENSION)
 CONTAINER 63 1/2 [1612] LG
 UTENSIL 65 1/2 [1663] LG
 INSTRUMENT 65 [1651] LG
3. A-WEIGHTED EQUIVALENT SURFACE SOUND PRESSURE LEVEL: 65 dB(A)
4. SEE SUMP PIT DETAILS FOR ADDITIONAL POSITIONING INFORMATION.

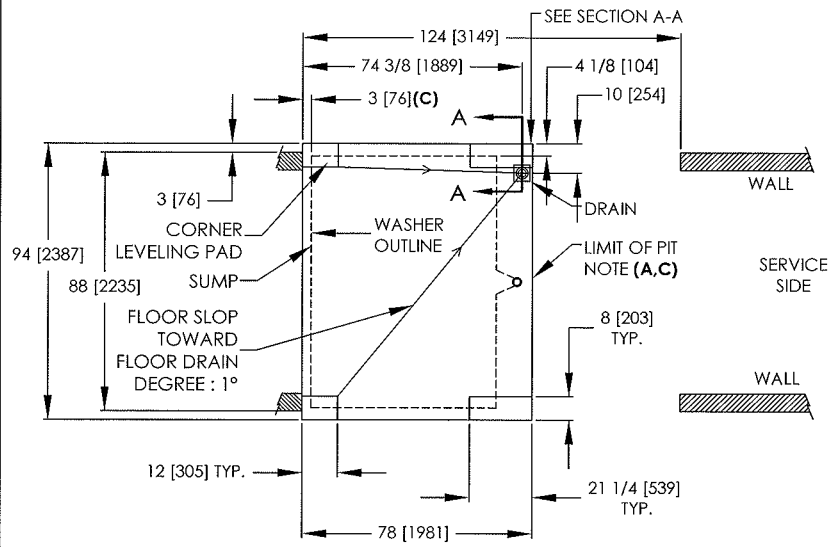
NOTE (A) : SERVICE AREA ACCESS DOOR IS INSTALLED ON LOAD SIDE OF THE WASHER. LOAD SIDE CAN BE EITHER ON LEFT OR RIGHT SIDE OF THE MECHANICAL CORE.
 NOTE (B) : IF RECOMMENDED FLOOR CLEARANCE FOR INSTALLATION IS NOT AVAILABLE ADDITIONAL MANPOWER AND EQUIPMENT WILL BE REQUIRED.
 NOTE (C) : FOR STANDARD THROUGH-WALL UNIT, CLEARANCE BETWEEN CLOSED DOOR OF ELECTRIC CABINET AND FACILITY WALL, OR ANY FIXTURE, OPPOSITE MUST BE AT LEAST 36" [914].

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DWG. NO.	920-517-287	DATE	2011/05/03	4 SHEET OF 13

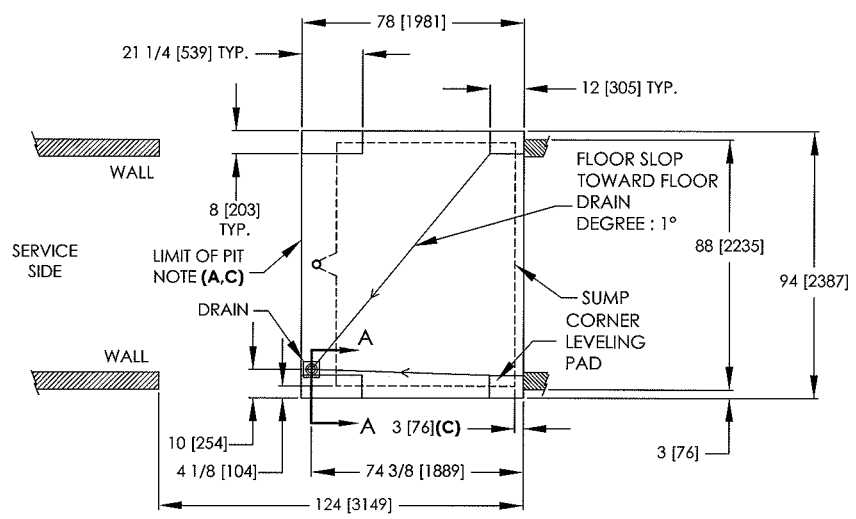
MIDDLING

PIT

STANDARD ORIENTATION VIEW



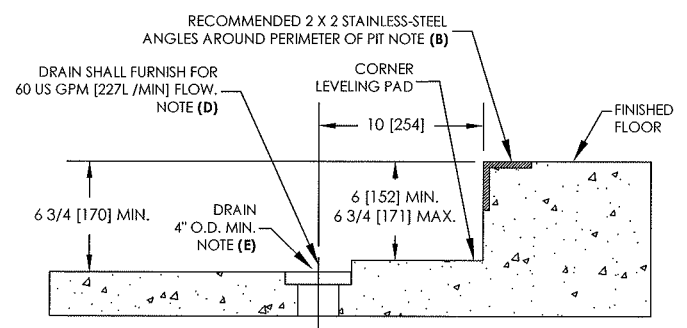
REVERSE ORIENTATION VIEW



GENERAL NOTES:

1. CUSTOMER MUST BE SURE THAT MACHINE STANDS ON A NON-COMBUSTIBLE FLOOR.
2. FOR STANDARD THROUGH-WALL UNIT, CLEARANCE BETWEEN CLOSED DOOR OF ELECTRIC CABINET AND FACILITY WALL, OR ANY FIXTURE, OPPOSITE MUST BE AT LEAST 36"[914].

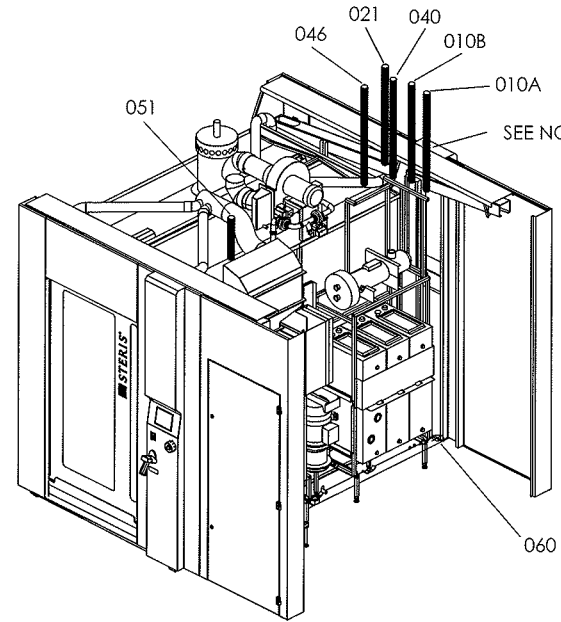
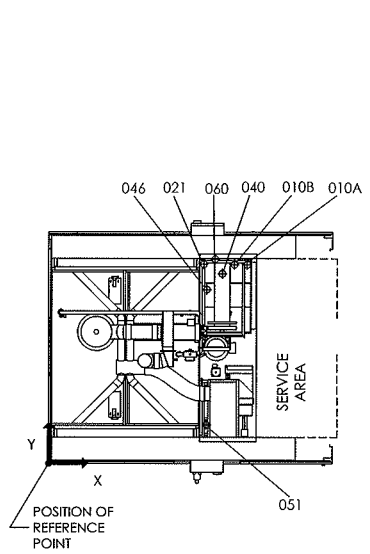
NOTE (A) : THIS CART WASHER CAN FIT INTO AN EXISTING 76" PIT, BUT WITH RESTRICTED ACCESS TO COMPONENTS LOCATED IN THE PIT. THE DRAIN LOCATION MAY NEED TO BE RELOCATED.
 NOTE (B) : ALL MATERIALS (INCLUDING CONCRETE, PIT PADS, STAINLESS-STEEL ANGLES, FLOOR SINK...) BY OTHERS THAN STERIS. SLOPE PIT FLOOR TO DRAIN. STAINLESS-STEEL ANGLES ARE RECOMMENDED BY STERIS BUT ARE NOT NECESSARY FOR WASHER INSTALLATION.
 NOTE (C) : FOR EXISTING 76" PIT WASHER, THE CLEARANCE WILL BE 2" INSTEAD OF 3".
 NOTE (D) : IF DRAIN COOLING SYSTEM IS ENABLED, MAX FLOW RATE IS 110-120 US GPM [416-454 L/MIN].
 NOTE (E) : RECOMMENDED MINIMUM 9" [228]mm FLOOR SINK WITH MINIMUM 4" [101]mm DRAIN OUTLET.



SECTION A-A

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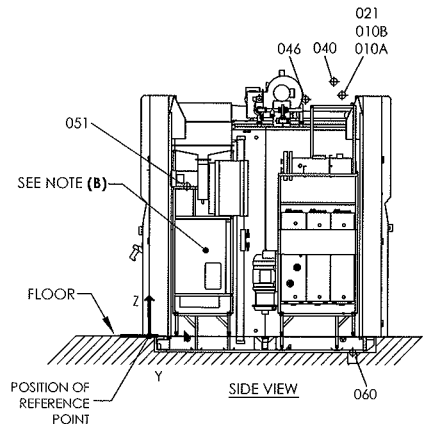
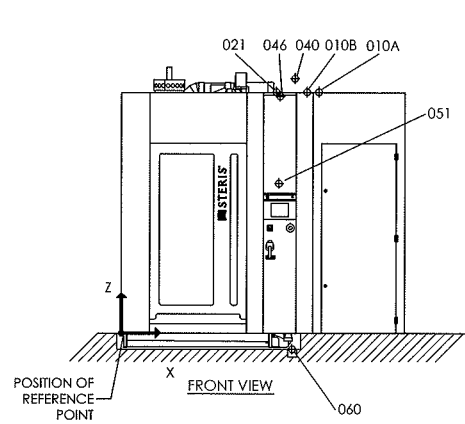
UTILITY (PLUMBING) CONNECTION POSITION FOR PIT-MOUNTED UNIT



- GENERAL NOTES:
- EXTERNAL ISOLATION VALVES, UNIONS, VACUUM BREAKERS ON UTILITY LINES TO WASHER NOT PROVIDED BY STERIS.
 - PIPE SIZES SHOWN INDICATE TERMINAL OUTLET ONLY FOR THE EQUIPMENT.
 - ALL CONNECTIONS SHOULD BE IN ACCORDANCE WITH LOCAL CODES.
 - SEE PAGE 1 FOR POSITION OF REFERENCE POINT DETAILS.
 - MINIMUM INLET STEAM PRESSURE TAKES INTO ACCOUNT NATURAL PRESSURE LOSSES IN WASHER STEAM PLUMBING, AS WELL AS A CONDENSATE RETURN MAXIMUM RISE OF 17' [5.2 M], MEASURED FROM BASE OF WASHER OR AN EQUIVALENT PRESSURE LOSS. ANY ADDITIONAL PRESSURE LOSS WILL HAVE TO BE COMPENSATED EITHER BY INCREASING THE INLET STEAM PRESSURE, BEING CAREFUL NOT TO EXCEED ALLOCATED MAXIMUM, OR BY ENSURING THAT THE STEAM SUPPLY OF THE CUSTOMER TAKES CHARGE OF THE CONDENSATE RETURN AT THE LOCATION INDICATED.
 - INSTALLATION OF A WATER HAMMER ARRESTOR (NOT BY STERIS) IS RECOMMENDED.
 - A LOW PRESSURE CONDENSATE RETURN SYSTEM IS REQUIRED AND NOT TO EXCEED 10 PSIG.
 - ALL OVER PRESSURE DEVICES TO CONTROL PRESSURE OF AIR, STEAM AND WATER ARE NOT INCLUDED. IT IS RESPONSIBILITY OF CUSTOMER TO INSTALL THOSE EQUIPMENT ON MAIN UTILITIES.**
 - CUSTOMER MUST PROVIDE UTILITY CONNECTIONS WITH SHUTOFFS DISCONNECTS WITHIN 2 FEET OF THE PERIMETER OF THE EQUIPMENT AND BELOW THE CEILING DECK. STERIS (SELLER) INCLUDES FINAL HOOKUP OF THESE NECESSARY UTILITIES WHEN THE STERIS INSTALLATION PACKAGE IS PURCHASED.

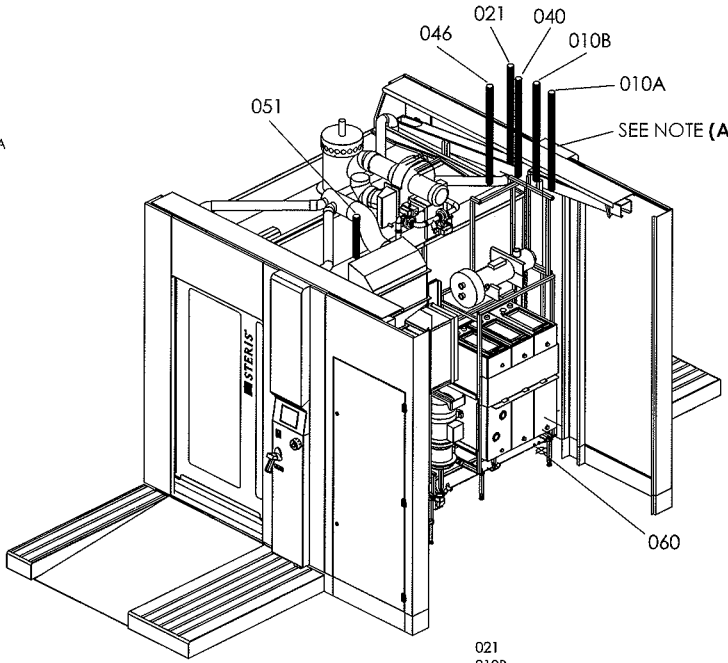
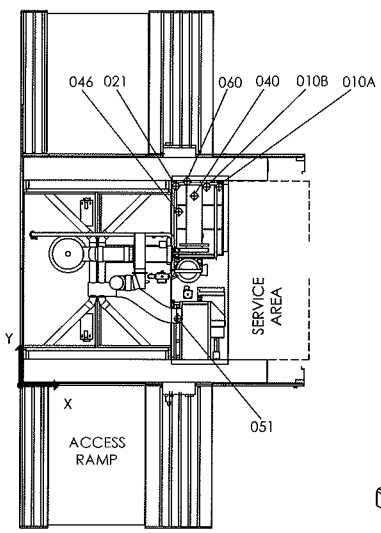
NOTE (A) : DO NOT PLACE PIPING IN SERVICE ACCESS AREA, SEE PAGE 1 FOR TYPICAL INSTALLATION.
 NOTE (B) : SIGNAL AVAILBLE FOR PURE WATER REQUEST INSIDE ELECTRICAL BOX. -SEE UTILITY ELECTRICAL PAGE -INSTALL BY ELECTRICIAN ONLY

CONNECTION POSITION WITH REFERENCE POINT				
	DESCRIPTION	X	Y	Z
010A	HOT WATER	83 3/4 [2114]	84 1/4 [2139]	102 1/4 [2597]
010B	COLD WATER	78 3/8 [1990]	81 1/4 [2139]	102 1/4 [2597]
021	PURE WATER (OPTION)	65 3/8 [1660]	84 1/2 [2146]	102 [2590]
040	STEAM	73 1/4 [1860]	80 3/4 [2051]	107 7/8 [2740]
046	CONDENSATE RETURN	67 [1701]	73 1/4 [1860]	100 1/2 [2552]
051	AIR	66 5/8 [1692]	14 7/8 [377]	63 1/2 [1612]
060	DRAIN CONNECTION	72 3/8 [1838]	86 1/4 [2190]	-6 3/4 [-171]



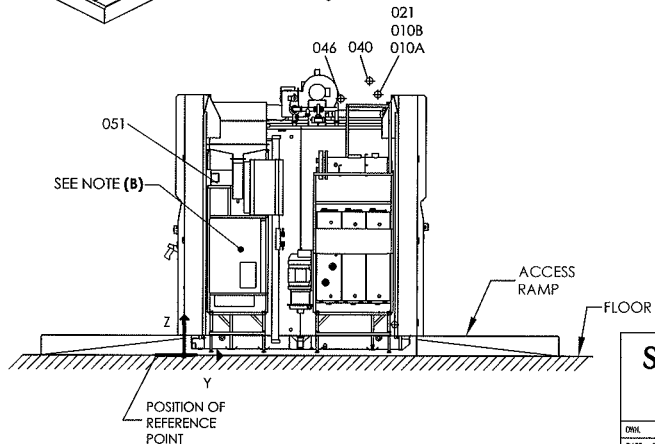
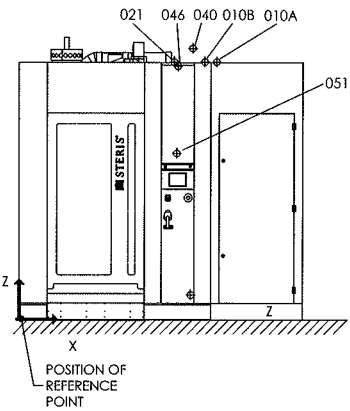
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DWG. NO.	920-517-287	REV. NO.	0	DATE	2011-05-02
DATE	2011-05-02	DATE	2011-05-02		

UTILITY (PLUMBING) CONNECTION POSITION FOR FLOOR-MOUNTED UNIT



- GENERAL NOTES:**
- EXTERNAL ISOLATION VALVES, UNIONS, VACUUM BREAKERS ON UTILITY LINES TO WASHER NOT PROVIDED BY STERIS.
 - PIPE SIZES SHOWN INDICATE TERMINAL OUTLET ONLY FOR THE EQUIPMENT.
 - ALL CONNECTIONS SHOULD BE IN ACCORDANCE WITH LOCAL CODES.
 - SEE PAGE 1 FOR POSITION OF REFERENCE POINT DETAILS.
 - MINIMUM INLET STEAM PRESSURE TAKES INTO ACCOUNT NATURAL PRESSURE LOSSES IN WASHER STEAM PLUMBING, AS WELL AS A CONDENSATE RETURN MAXIMUM RISE OF 17' [5.2 M], MEASURED FROM BASE OF WASHER OR AN EQUIVALENT PRESSURE LOSS. ANY ADDITIONAL PRESSURE LOSS WILL HAVE TO BE COMPENSATED EITHER BY INCREASING THE INLET STEAM PRESSURE, BEING CAREFUL NOT TO EXCEED ALLOCATED MAXIMUM, OR BY ENSURING THAT THE STEAM SUPPLY OF THE CUSTOMER TAKES CHARGE OF THE CONDENSATE RETURN AT THE LOCATION INDICATED.
 - INSTALLATION OF A WATER HAMMER ARRESTOR (NOT BY STERIS) IS RECOMMENDED.
 - A LOW PRESSURE CONDENSATE RETURN SYSTEM IS REQUIRED AND NOT TO EXCEED 10 PSIG.
 - ALL OVER PRESSURE DEVICES TO CONTROL PRESSURE OF AIR, STEAM AND WATER ARE NOT INCLUDED. IT IS RESPONSIBILITY OF CUSTOMER TO INSTALL THOSE EQUIPMENT ON MAIN UTILITIES.**
 - CUSTOMER MUST PROVIDE UTILITY CONNECTIONS WITH SHUTOFFS DISCONNECTS WITHIN 2 FEET OF THE PERIMETER OF THE EQUIPMENT AND BELOW THE CEILING DECK. STERIS (SELLER) INCLUDES FINAL HOOKUP OF THESE NECESSARY UTILITIES WHEN THE STERIS INSTALLATION PACKAGE IS PURCHASED.

NOTE (A) : DO NOT PLACE PIPING IN SERVICE ACCESS AREA, SEE PAGE 1 FOR TYPICAL INSTALLATION.
 NOTE (B) : SIGNAL AVAILABLE FOR PURE WATER REQUEST INSIDE ELECTRICAL BOX. -SEE UTILITY ELECTRICAL PAGE -INSTALL BY ELECTRICIAN ONLY



CONNECTION POSITION WITH REFERENCE POINT				
	DESCRIPTION	X	Y	Z
010A	HOT WATER	83 3/4 [2114]	81 1/4 [2139]	109 1/4 [2774]
010B	COLD WATER	78 3/8 [1990]	81 1/4 [2139]	109 1/4 [2774]
021	PURE WATER (OPTION)	65 3/8 [1660]	84 1/2 [2146]	109 [2768]
040	STEAM	73 1/4 [1860]	80 3/4 [2051]	114 7/8 [2917]
046	CONDENSATE RETURN	67 [1701]	73 1/4 [1860]	107 1/2 [2730]
051	AIR	66 5/8 [1692]	14 7/8 [377]	70 1/2 [1790]
060	DRAIN CONNECTION	72 3/8 [1838]	86 1/4 [2190]	0[0]

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DWG. NO. 920-517-287 DATE 2011-05-02	Dwg. NO. 920-517-287 DATE 2011-05-02	Dwg. NO. 920-517-287 DATE 2011-05-02	Dwg. NO. 920-517-287 DATE 2011-05-02

GENERAL INFORMATIONS

ENGINEERING CHANGE	REV NO	ROUGH DATE
FIRST RELEASE	0	2011-05-02


GENERAL NOTES:

- SIZE OF THE HEAVIEST UNCRATED PIECE : [MECHANICAL CORE] 21" W X 68" H X 44" L [533 X 1727 X 1117].
- WEIGHT OF THE HEAVIEST UNCRATED PIECE : 1000 LBS [453kg]
- SHIPPING DIMENSION :
 - CRATE A : 49" W X 95" H X 121" L [1245 X 2413 X 3073]
 - CRATE B : 49" W X 95" H X 121" L [1245 X 2413 X 3073]
 - CRATE C : 49" W X 95" H X 121" L [1245 X 2413 X 3073]
 - CRATE D : 38" W X 68" H X 112" L [965 X 1727 X 2845]
 - CRATE E : 36" W X 89 1/2" H X 70" L [914 X 2273 X 1778]
 - CRATE F : 36" W X 93 1/2" H X 51" L [914 X 2374 X 1295]
 - CRATE G : 49" W X 95" H X 121" L [1245 X 2413 X 3073]
- OPERATING WEIGHT Lb[kg]: - WITH CABINET, WATER AND TWO HEAVY CASE CARTS 7483 LBS [3400 kg]
- WITHOUT CABINET, WITH WATER AND TWO HEAVY CASE CARTS 6367 LBS [2893 kg]
- OPENING AREA FROM SERVICE AREA TO CLEAN SIDE : LESS THAN 30 po² [19354]mm².

- NOTE (A) : COMPRESSED AIR SPECIFICATIONS : AS PER ISO-8573-1 CLASS 5.
- MAX. PARTICLE SIZE : 40 MICRONS
 - MAX. PARTICLE DENSITY : 10 MG/M³
 - MAX. DEW POINT FOR WATER CONTENT : 45°F (7°C)
 - MAX. OIL CONCENTRATION FOR THE OIL CONTENT : 25 MG/M³
 - A REFRIGERATED AIR DRYER IS RECOMMENDED WHERE ENVIRONMENTAL DEW POINT CONDITIONS ARE HIGHER THAN RECOMMENDED (CONTACT STERIS SALES REPRESENTATIVE).
- NOTE (B) : STEAM QUALITY: CLEAN AND DRY RECOMMENDED.
- NOTE (C) : IF DRAIN COOLING SYSTEM IS CHOSEN, MAX. FLOW RATE TO DRAIN IS 121 US GPM [458 L/MIN].
- NOTE (D) : OPTIMAL WASHER PERFORMANCES OBTAINED WHEN UTILITIES ARE PROVIDED AT MAX VALUE OF RANGE.
- NOTE (E) : OPTIMAL CLEANING EFFICIENCY WHEN HOT WATER IS AT A MAXIMUM OF 135° F [57.2°C].
- NOTE (F) : **ALL OVER PRESSURE DEVICES TO CONTROL PRESSURE OF AIR, STEAM AND WATER ARE NOT INCLUDED. IT IS RESPONSABILITY OF CUSTOMER TO INSTALL THOSE EQUIPMENT ON MAIN UTILITIES.**
- NOTE (G) : STERIS DOES NOT RECOMMEND INSTALLATION OF SPRINKLER OVER THE UNIT BUT IF REQUIRED BY LOCAL CODE IT MUST BE FUSE TO 260°F (126°C) OR ABOVE. ANY SPRINKLER HEADS IN FRONT OF THE LOAD/UNLOAD DOORS MUST ALSO BE FUSE TO 260°F (126°C) OR ABOVE.
- NOTE (H) : THIS CONSUMPTION REPLACES HOT WATER CONSUMPTION FOR THERMAL PHASE AND RINSE (IF PURE WATER OPTION).
- NOTE (I) : IF CYCLE SET POINT TEMPERATURE IS HIGHER THAN 140°F [60°C], THESE CONSUMPTIONS ARE EQUAL TO THERMAL PHASE CONSUMPTIONS.
- NOTE (J) : IF DRAIN COOLING SYSTEM IS ENABLED, MAX FLOW RATE IS 110-120 US GPM [416-454 L/MIN].
- NOTE (K) : RECOMMENDED MINIMUM 9" [228]mm FLOOR SINK WITH MINIMUM 4" [101]mm DRAIN OUTLET.

TYPICAL CYCLES				
		WASH	THERMAL	DRYING
	CYCLE	CART	CART	CART
HOT WATER (gal [L])	FIRST CYCLE	25	25	N/A
	CONSECUTIVE CYCLES	7	7	N/A
PURE WATER (gal [L]) OPTION (H)	FIRST CYCLE	N/A	25	N/A
	CONSECUTIVE CYCLES	N/A	7	N/A
COLD WATER (gal [L])	FIRST CYCLE	N/A	N/A	N/A
	CONSECUTIVE CYCLES	N/A	N/A	N/A
COLD WATER FOR DRAIN COOLING (gal [L])	IF RECYCLING	0 (I)	7 [26]	N/A
	NOT RECYCLING	0 (I)	46 [175]	N/A
STEAM (WITH HOT TAP WATER @ 140F [60C]) (lb [kg])	ALL	N/A	28[13]	3.4[1.5]
DETERGENT (PUC) (oz [ml])	FIRST CYCLE	2.5 [75]	0.5 [15]	N/A
	CONSECUTIVE CYCLES	0.7 [21]	0.14 [4.2]	N/A

UTILITY REQUIREMENTS CHART (F) (G)								
DESCRIPTION	CONNECTION		PRESSURE RANGE (D)		OPERATING CONSUMPTION	TEMP. RANGE	AIR QUALITY	WATER QUALITY
	TYPE	SIZE	DYNAMIC	STATIC				
010A	HOT WATER	NPT BSPT	1	15-50 PSIG [1.0-3.4 BAR]	90 PSIG [6.2 BAR]	19 -30 US GPM [72-114 L/MIN]	110-150 °F [43-65.6 °C] (E)	120 PPM
010B	COLD WATER	NPT	1	30-50 PSIG [1.4-3.4 BAR]	90 PSIG [6.2 BAR]	30 -38.5 US GPM [114-146 L/MIN] (J)	40-70 °F [4.4-21 °C]	120 PPM
021	PURE WATER OPTION	NPT	1	5-50 PSIG [0.3-3.4 BAR]	90 PSIG [6.2 BAR]	12 -28 US GPM [45-106 L/MIN]	180°F MAX [82°C]	0.1 MEGOHM/CM
040	STEAM (B)	NPT BSPT	1-1/2 1-1/2	30-80 PSIG [2.1-5.5 BAR]	90 PSIG [6.2 BAR]	(900-1400) [LB/HR] (409-636) [KG/HR] PEAK: 1400 LB/H [636KG/H] FOR 90 sec.		
046	CONDENSATE RETURN	NPT BSPT	1 1	10 PSIG [0.7 BAR] MAX.		PEAK: 2.9 US GPM [11 L/MIN]		
051	COMPRESSED AIR	NPT BSPT	1/2 1/2	80 PSIG [5.5 BAR]	125 PSIG [8.6 BAR]	6 SCFM [0.17 M ³ /MIN]		(A)
060	DRAIN (K)	O.D.	4[101]			60 US GPM [227 L/MIN] (C)		

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DWG. NO. 920-517-287 DATE 2011-05-02	CDR. M.G. DATE 2011/05/03	ENG. FL DATE 2011/05/03	8 SHEET OF 13

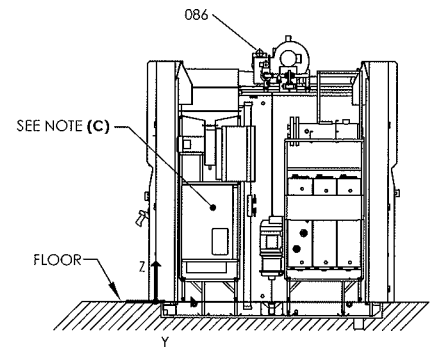
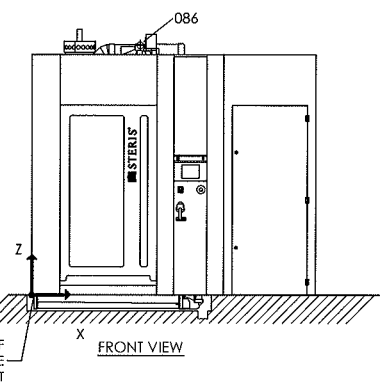
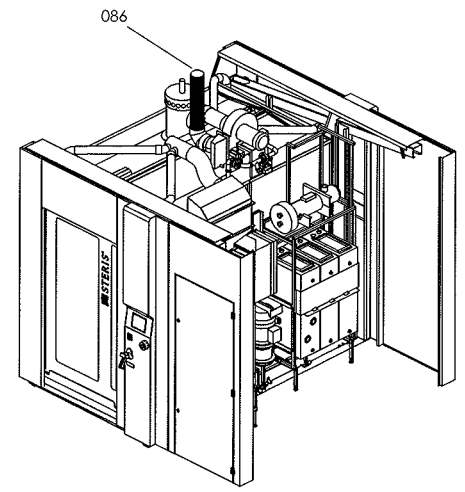
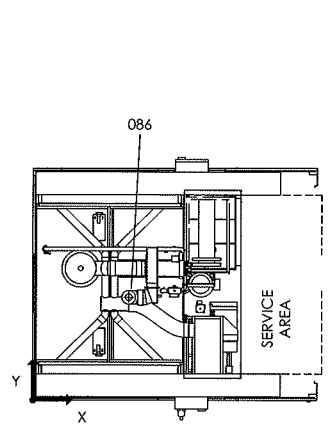
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UTILITY (VENTILATION) FOR PIT-MOUNTED UNIT

UTILITY REQUIREMENTS CHART					
DESCRIPTION	CONNECTION TYPE	CONNECTION		OPERATING CONSUMPTION (A) (D)	NOMINAL TEMP.
		MIN. SIZE			
086 VENTILATION (B)	O.D.	6	[1.52]	1000 SCFM, VAPOR EXHAUST AND DRYING [28.31 M ³ /MIN] 250 SCFM, WASH AND RINSE [7.07 M ³ /MIN]	212°F MAX. [100°C]

- NOTE (A): - INSTALLATION OF EXTERNAL DUCTING FROM WASHER EXHAUST FAN TO THE EXTERIOR OF THE BUILDING (NOT BY STERIS) MUST NOT EXCEED 1" H₂O IN PRESSURE LOSS TO ENSURE OPTIMAL DRYING PERFORMANCE OF THE WASHER AND FAN MOTOR EFFICIENCY. IF PRESSURE LOSS OF EXTERNAL DUCTING EXCEEDS 1" H₂O, AN EXTERNAL FAN MUST BE INSTALLED TO COMPENSATE (NOT BY STERIS). THIS PRESSURE DROP MUST BE VALIDATED DURING INSTALLATION. SERVICE TECHNICIAN MUST FOLLOW THE INSTALLATION MANUAL PROCEDURE TO MEASURE THIS DATA:
- BUILDING DUCT MUST BE SCALED UP TO 10" [254 MM] O.D. MINIMUM AS CLOSE AS POSSIBLE TO WASHER DUCT CONNECTION (ADAPTOR FROM 6" TO BUILDING DUCT O.D. NOT PROVIDED BY STERIS).
 - FACILITY ROOM VENTILATION MUST COMPENSATE FOR WASHER EXHAUST FLOW RATE.
 - FOR ALL VENTILATION DUCTING FROM WASHER, STERIS RECOMMENDS INSTALLATION OF A DEDICATED CORROSION-PROOF AND WATERTIGHT DUCT RATED TO AN OPERATING TEMPERATURE OF 210°F (99°C) OR MORE TO THE EXTERIOR OF THE BUILDING, SLOPED TOWARD THE WASHER AND FREE OF DEAD LEGS.
- NOTE (B): EXHAUST FAN NORMALLY OPEN-AUXILIARY CONTACTS ARE AVAILABLE FOR LOW FLOW AND HIGH FLOW TO SUPPLY A SIGNAL TO THE FACILITY HVAC CONTROL SYSTEM WHENEVER THE CART WASHER VENTILATION EXHAUST FAN IS IN OPERATION.
DO NOT PLACE DUCT WORK TO INTERFERE WITH SERVICE ACCESS AREA SEE PAGE 1 FOR TYPICAL INSTALLATION.
- NOTE (C): SIGNAL AVAILABLE FOR EXTERNAL VENTILATION CONTROL INSIDE ELECTRICAL BOX.
-SEE UTILITY ELECTRICAL PAGE
-INSTALL BY ELECTRICIAN ONLY
- NOTE (D): INTERNAL DRYING AND EXHAUST FANS PRODUCE 950 SCFM AND BUILDING EXHAUST NEEDS TO EXHAUST AT THE RATE OF 1000 SCFM.

- GENERAL NOTES:
- ALL CONNECTIONS SHOULD BE IN ACCORDANCE WITH LOCAL CODES.
 - SEE PAGE 1 FOR POSITION OF REFERENCE POINT DETAILS.



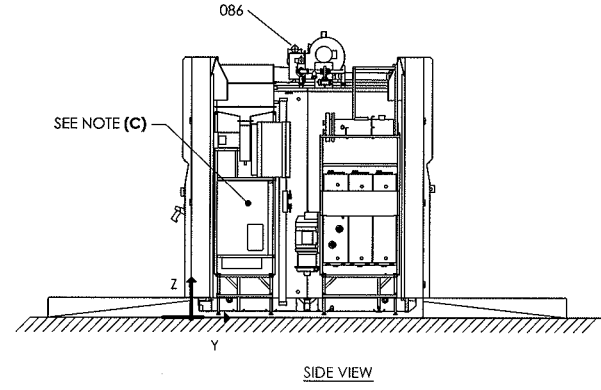
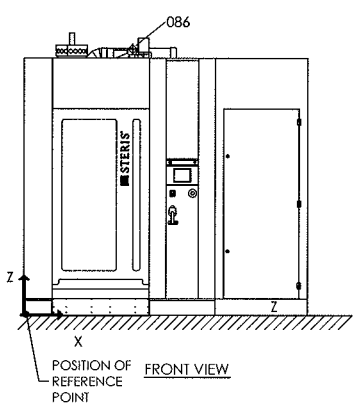
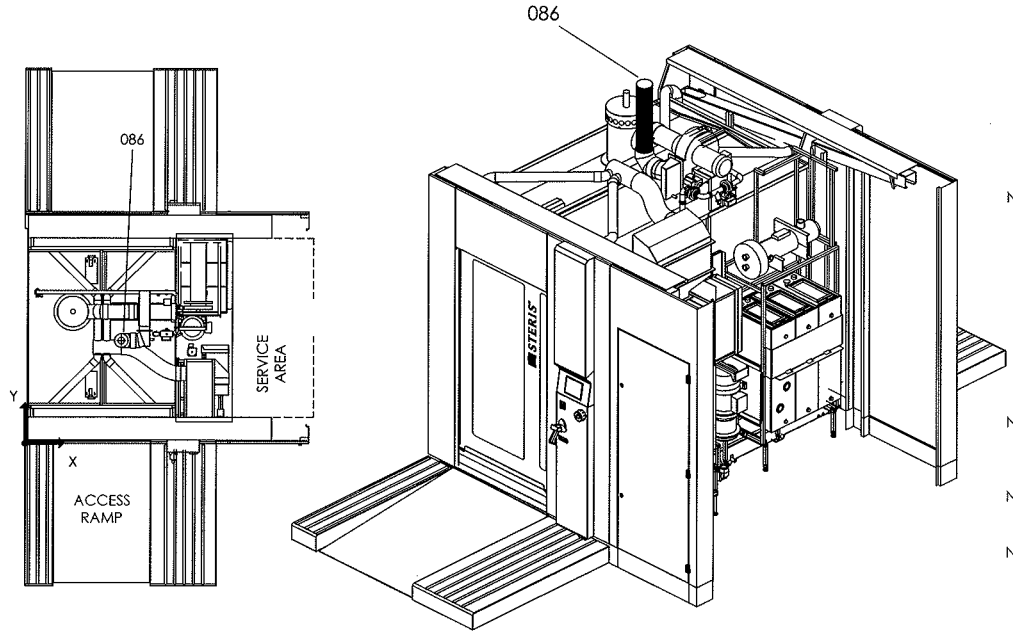
RELAY	FUNCTION
CR5	CYCLE IN OPERATION
CR6	LOW VENTILATION REQUEST (250 SCFM)
CR7	HIGH VENTILATION REQUEST (1000 SCFM)

HEAT LOSS - BTU/H AT 75°F [24°C]				
AVERAGE FOR PRE-PROGRAMMED CYCLE				
TO SERVICE AREA	RECESSED ONE WALL		RECESSED TWO WALLS	
	FRONT OF WALL	BACK OF WALL	AT EACH END	BETWEEN WALLS
13800 [4039 W]	4000 [1171 W]	9800 [2868 W]	4000 [1171 W]	5800 [1697 W]

CONNECTION POSITION WITH REFERENCE POINT			
DESCRIPTION	X	Y	Z
086 VENTILATION	40 3/8 [1025]	43 3/4 [1111]	105 1/4 [2673]

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ENR. NO.	REV. NO.	CDL. NO.	ENR. NO.	DWG. NO.	DATE
		016	FL	920-517-287	2011-05-02
DATE	DATE	DATE	DATE	DATE	DATE
2011-05-02	2011-05-03		2011-05-03		
920-517-287					9 SHEET OF 13

UTILITY (VENTILATION) FOR FLOOR-MOUNTED UNIT



UTILITY REQUIREMENTS CHART					
DESCRIPTION	CONNECTION TYPE	CONNECTION		OPERATING CONSUMPTION (A) (D)	NOMINAL TEMP.
		O.D.	MIN. SIZE		
086 VENTILATION (B)	O.D.	6	[152]	1000 SCFM, VAPOUR EXHAUST AND DRYING [28.31 M ³ /MIN] 250 SCFM, WASH AND RINSE [7.07 M ³ /MIN]	212°F MAX. [100°C]

- NOTE (A):** - INSTALLATION OF EXTERNAL DUCTING FROM WASHER EXHAUST FAN TO THE EXTERIOR OF THE BUILDING (NOT BY STERIS) MUST NOT EXCEED 1" H₂O IN PRESSURE LOSS TO ENSURE OPTIMAL DRYING PERFORMANCE OF THE WASHER AND FAN MOTOR EFFICIENCY. IF PRESSURE LOSS OF EXTERNAL DUCTING EXCEEDS 1" H₂O, AN EXTERNAL FAN MUST BE INSTALLED TO COMPENSATE (NOT BY STERIS). THIS PRESSURE DROP MUST BE VALIDATED DURING INSTALLATION. SERVICE TECHNICIAN MUST FOLLOW THE INSTALLATION MANUAL PROCEDURE TO MEASURE THIS DATA:
- BUILDING DUCT MUST BE SCALED UP TO 10" [254 MM] O.D. MINIMUM AS CLOSE AS POSSIBLE TO WASHER DUCT CONNECTION (ADAPTOR FROM 6" TO BUILDING DUCT O.D. NOT PROVIDED BY STERIS).
 - FACILITY ROOM VENTILATION MUST COMPENSATE FOR WASHER EXHAUST FLOW RATE.
 - FOR ALL VENTILATION DUCTING FROM WASHER, STERIS RECOMMENDS INSTALLATION OF A DEDICATED CORROSION-PROOF AND WATERTIGHT DUCT RATED TO AN OPERATING TEMPERATURE OF 210°F [99°C] OR MORE TO THE EXTERIOR OF THE BUILDING, SLOPED TOWARD THE WASHER AND FREE OF DEAD LEGS.
- NOTE (B):** EXHAUST FAN NORMALLY OPEN-AUXILIARY CONTACTS ARE AVAILABLE FOR LOW FLOW AND HIGH FLOW TO SUPPLY A SIGNAL TO THE FACILITY HVAC CONTROL SYSTEM WHENEVER THE CART WASHER VENTILATION EXHAUST FAN IS IN OPERATION. DO NOT PLACE DUCT WORK TO INTERFERE WITH SERVICE ACCESS AREA SEE PAGE 1 FOR TYPICAL INSTALLATION.
- NOTE (C):** SIGNAL AVAILABLE FOR EXTERNAL VENTILATION CONTROL INSIDE ELECTRICAL BOX.
- SEE UTILITY ELECTRICAL PAGE
 - INSTALL BY ELECTRICIAN ONLY
- NOTE (D):** INTERNAL DRYING AND EXHAUST FANS PRODUCE 950 SCFM AND BUILDING EXHAUST NEEDS TO EXHAUST AT THE RATE OF 1000 SCFM.

GENERAL NOTES:

1. ALL CONNECTIONS SHOULD BE IN ACCORDANCE WITH LOCAL CODES.
2. SEE PAGE 1 FOR POSITION OF REFERENCE POINT DETAILS.

RELAY	FUNCTION
CR5	CYCLE IN OPERATION
CR6	LOW VENTILATION REQUEST (250 SCFM)
CR7	HIGH VENTILATION REQUEST (1000 SCFM)

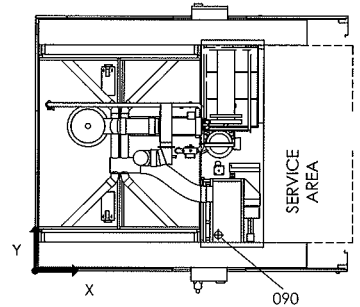
HEAT LOSS - BTU/H AT 75°F [24°C] AVERAGE FOR PRE-PROGRAMMED CYCLE				
TO SERVICE AREA	RECESSED ONE WALL		RECESSED TWO WALLS	
	FRONT OF WALL	BACK OF WALL	AT EACH END	BETWEEN WALLS
13800 [4039 W]	4000 [1171 W]	9800 [2868 W]	4000 [1171 W]	5800 [1697 W]

CONNECTION POSITION WITH REFERENCE POINT			
DESCRIPTION	X	Y	Z
086 VENTILATION	40 3/8 [1025]	43 3/4 [1111]	112 1/4 [2851]

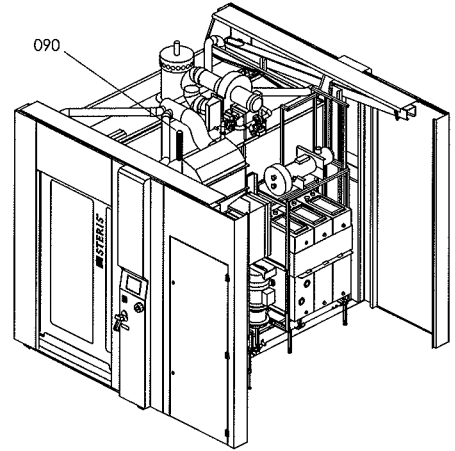
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DWG. NO. 920-517-287	DATE 2011-05-02	ENG. NO. FC	DATE 2011/05/03

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UTILITY (ELECTRICITY) FOR PIT-MOUNTED UNIT

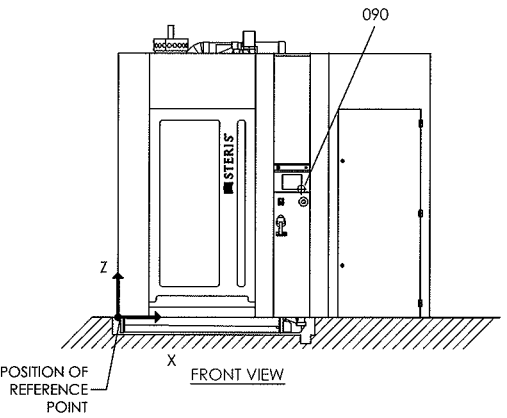


TOP VIEW

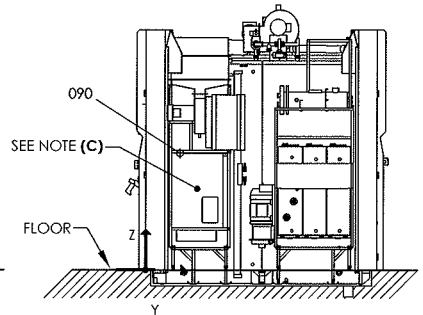


UTILITY REQUIREMENTS CHART			
DESCRIPTION		CONNECTION	
		TYPE	SIZE
090	ELECTRICITY (A)	CONDUIT	1 - 1 1/4 [35-44]

STANDARD CONFIGURED				
3- OPERATING VOLTAGE (B)	200 / 208V 50Hz	200 / 208V 60Hz	380 / 400 / 415V 50Hz	460 / 480V 60Hz
NOMINAL AMPERAGE	27.5A	25.5A	14.5A	13.5A
RECOMMENDED PROTECTION	40A	40A	20A	20A



FRONT VIEW



SEE NOTE (C)

FLOOR

GENERAL NOTES:

1. STERIS RECOMMENDS A LIGHT IN SERVICE AREA (IF APPLICABLE) ALONG WITH PROVISION OF A CONVENIENCE OUTLET FOR MAINTENANCE.
2. BREAKERS AND FUSED DISCONNECT AS REQUIRED, ARE BY OTHERS.
3. ALL CONNECTIONS SHOULD BE IN ACCORDANCE WITH LOCAL CODES.
4. SEE PAGE 1 FOR POSITION OF REFERENCE POINT DETAILS.

NOTE (A) : SEE OPERATING VOLTAGE BOARD.
NOTE (B) : NEUTRAL WIRE NOT REQUIRED.
NOTE (C) : AUXILIARY DRY CONTACTS FOR CUSTOMER UTILITY CONTROL AVAILABLE INSIDE CONTROL BOX. SEE ELECTRICAL SCHEMATIC.

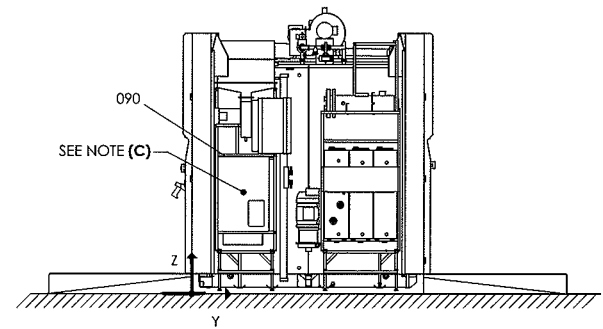
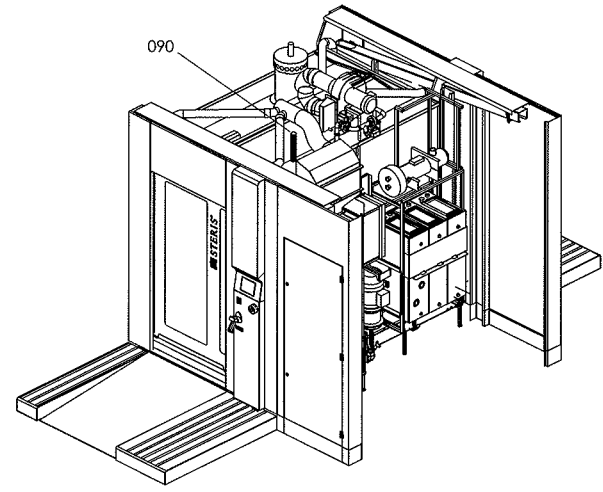
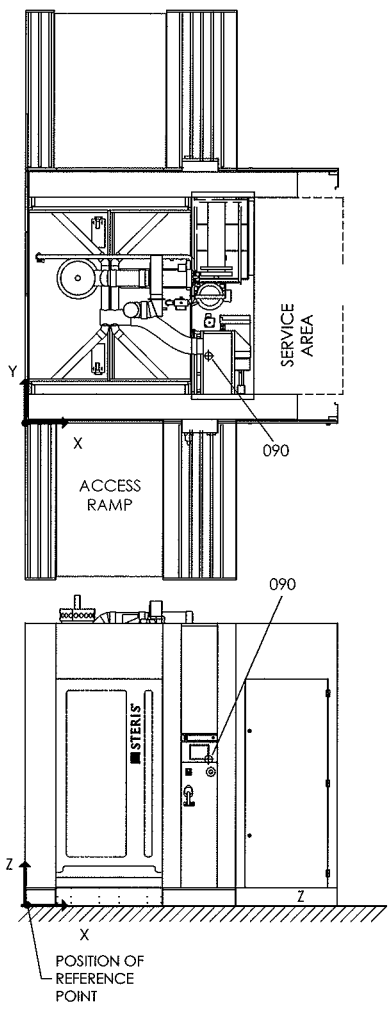
RELAY	FUNCTION
CR5	CYCLE IN OPERATION
CR6	LOW VENTILATION REQUEST
CR7	HIGH VENTILATION REQUEST
CR8	ALARM
CR9	CYCLE COMPLETE
CR10	HOT WATER REQUEST
CR11	PURE WATER REQUEST
CR12	COLD WATER REQUEST

CONNECTION POSITION WITH REFERENCE POINT				
DESCRIPTION	X	Y	Z	
090	ELECTRICITY	78 3/8 [1990]	25 7/8 [657]	49 3/8 [1254]

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DWN MGS DATE 2011-03-02	CDE DATE 2011/05/03	BGC DATE 2011/05/03	DWN NO. 920-517-287

UTILITY (ELECTRICITY) FOR FLOOR-MOUNTED UNIT

A
B
C
D
E
F
H



UTILITY REQUIREMENTS CHART			
DESCRIPTION		CONNECTION	
		TYPE	SIZE
090	ELECTRICITY (A)	CONDUIT	1 - 1 1/4 [35-44]

STANDARD CONFIGURED				
3~ OPERATING VOLTAGE (B)	200 / 208V 50Hz	200 / 208V 60Hz	380 / 400 / 415V 50Hz	460 / 480V 60Hz
NOMINAL AMPERAGE	27.5A	25.5A	14.5A	13.5A
RECOMMENDED PROTECTION	40A	40A	20A	20A

GENERAL NOTES:

1. STERIS RECOMMENDS A LIGHT IN SERVICE AREA (IF APPLICABLE) ALONG WITH PROVISION OF A CONVENIENCE OUTLET FOR MAINTENANCE.
2. BREAKERS AND FUSED DISCONNECT AS REQUIRED, ARE BY OTHERS.
3. ALL CONNECTIONS SHOULD BE IN ACCORDANCE WITH LOCAL CODES.
4. SEE PAGE 1 FOR POSITION OF REFERENCE POINT DETAILS.

NOTE (A) : SEE OPERATING VOLTAGE BOARD.
 NOTE (B) : NEUTRAL WIRE NOT REQUIRED.
 NOTE (C) : AUXILIARY DRY CONTACTS FOR CUSTOMER UTILITY CONTROL AVAILABLE INSIDE CONTROL BOX. SEE ELECTRICAL SCHEMATIC.

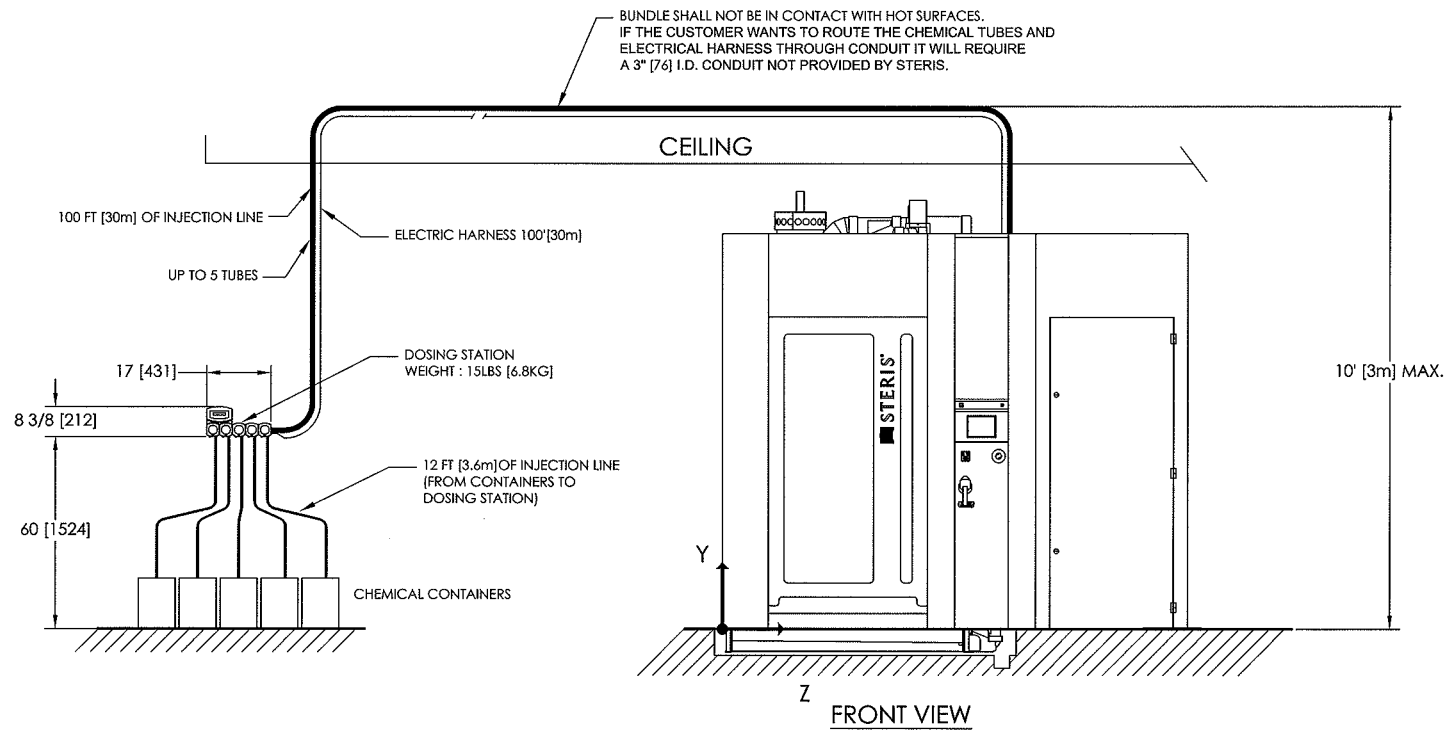
RELAY	FUNCTION
CR5	CYCLE IN OPERATION
CR6	LOW VENTILATION REQUEST
CR7	HIGH VENTILATION REQUEST
CR8	ALARM
CR9	CYCLE COMPLETE
CR10	HOT WATER REQUEST
CR11	PURE WATER REQUEST
CR12	COLD WATER REQUEST

CONNECTION POSITION WITH REFERENCE POINT				
DESCRIPTION	X	Y	Z	
090	ELECTRICITY	78 3/8 [1990]	25 7/8 [657]	56.375 [1431]

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DWR DATE 2011-05-02	MGD DATE 2011-05-03	CID DATE 2011-05-03	ENG. DATE 2011-05-03	DWG. NO. 920-517-287	12 SHEET OF 13	

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DOSING STATION



GENERAL NOTE:
 1. AMBIANT TEMPERATURE SHALL NOT EXCEED 40°C [104°F].

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DWR DATE 2011-05-02	MFG DATE 2011/05/03	CDR ME	BGR FL DATE 2011/05/03
DWG. NO. 920-517-287		SHEET OF 13	

AB000036

STERIKING®



Rotosealer RS-120

Economical choice for small clinics

- ▶ Simple operation
- ▶ All-day ready for use
- ▶ Increased sealing speed
- ▶ Constant sealing pressure
- ▶ Digital temperature control
- ▶ Sealing technique according to DIN 58953, PART 7
- ▶ Safety tested and approved by EN, VDE
- ▶ Built-in cooling control
- ▶ Practical worktop available as optional extra
- ▶ Shock watch system for delivery safety

WIPAK MEDICAL

Rotosealer RS-120

continually ready for use for quick and reliable closing of all heat-sealable materials.

Safe and quick sealing process

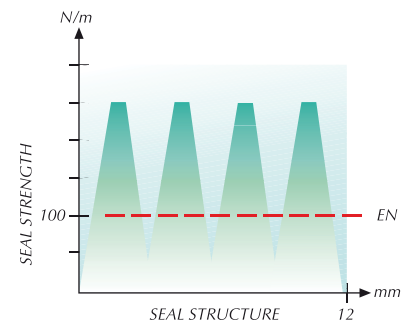
- Sealing temperature is easily adjustable to suit the material being sealed.
- When switched on, the motor and conveyor belts start automatically.
- The package is conveniently carried by the conveyor belts through the heating and sealing rollers to achieve quick and efficient closure.
- Adjustable in-feed guiding plate provides predefinition of the seal distance (0 - 35mm) from the package edge.
- Built-in fan improves the inside temperature control and minimizes overheating risk in all-day use.



The white epoxy coated housing is easy to maintain and to keep clean.



The package is hermetically sealed to protect against bacteria.



The Steriking® Rotosealers provide a strong seal. Total seal width is 12 mm.



Technical data

Seal width	12 mm
Sealing speed	10 m/min
Sealing temperature	0 - 220 °C
Temp. tolerance	±2 %
Power consumption	250 W (max 600 W)
Power supply	220/240 V 50/60Hz
Weight	15 kg
Dimensions	490 x 255 x 160 mm
Separate worktop	625 x 225 x 60 mm

Warranty

- 24 months from the date of purchase.

Shock watch label

- Enables recognition of transport damage.
- Adhered to the transport carton.

Detailed operating manual and list of spare parts come with each unit.



OVER 15 YEARS OF PROVEN PERFORMANCE. The STERRAD[®] 100S System can single-handedly sterilize heat- and moisture-sensitive devices in 55 minutes. 51 trays can be sterilized with the STERRAD[®] 100S System in the time it takes to complete 34 trays with VHP or 6 trays with EtO.* Our proven, low temperature hydrogen peroxide gas plasma technology efficiently eliminates the potential hazard of toxic residue, ensuring a safe working environment.

FEATURES AND BENEFITS

Safety for Users, Patients, Instruments, and the Environment

- Proprietary cassette delivery system ensures safe operation for users.
- Microprocessor controls monitor sterilization parameters and alert system operators if not met, ensuring patient safety.
- The dry, low temperature gas plasma process is gentle on delicate instruments, electronics, and optics, potentially reducing instrument downtime and repair costs.

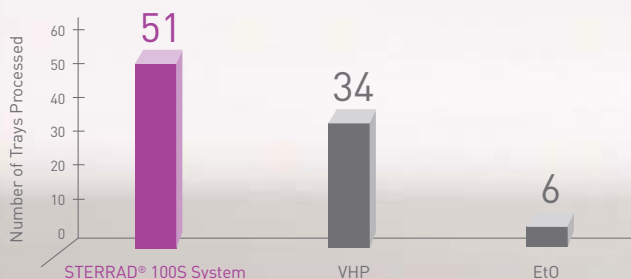
Increased Productivity

- Greater number of trays may be processed versus alternative methods over the same time period.
- The STERRAD[®] 100S System increases instrument utilization, potentially reducing costly instrument damage and expensive inventory.
- CYCLESURE[®] 24 Biological Indicator provides sterility assurance in 24 hours.
- Sterilizes a wide range of instruments, including single-channel stainless steel lumens with dimensions ≥ 1 mm x 125 mm, ≥ 2 mm x 250 mm, or ≥ 3 mm x 400 mm, and polyethylene and Teflon[®] tubing with dimensions ≥ 6 mm x 310 mm.

Operational Simplicity

- One-Button Operation makes the STERRAD[®] 100S System easy to use: push one button to start the cycle.
- Installation is quick and requires only a 208 VAC outlet – no costly plumbing, ventilation, or monitors are required. Plug in and use.

NUMBER OF TRAYS IN 16 HOURS*



* The number of trays processed is based on the most commonly used APTIMAX[®] Trays (for STERRAD[®] 100S System and EtO) and comparable-sized VHP trays times the number of loads completed within 16 hours. The EtO chamber size used for this calculation is 5.0 ft³. The number of trays processed per load is subject to change depending upon tray sizes used.



TECHNICAL SPECIFICATIONS

TOTAL CYCLE TIME	55 minutes	
CYCLE TEMPERATURE	Less than 131°F / 55°C	
DIMENSIONS & WEIGHT	Height	65.5 in / 166 cm
	Width	30 in / 76.5 cm
	Depth	40 in / 102 cm
	Weight	770 lb / 350 kg
STERILIZATION CHAMBER	Configuration	Circular
	Chamber Volume	6.0 ft³ *
	Shelf Dimensions	Upper shelf: 28 in x 17 in / 70 cm x 42.5 cm Lower shelf: 30 in x 13 in / 76 cm x 32.5 cm
INSTALLATION & ELECTRICAL REQUIREMENTS	Placement	Freestanding with built-in wheels for mobility
	Connections	208 VAC, 60 Hz 3 phase WYE, 20A, NEMA L-21-20 receptacle, CBA phase rotation
SERVICE REQUIREMENTS	In operation, the STERRAD® 100S System should not be placed closer than 2 in (5 cm) to a wall at the rear and/or sides of the system. The sterilizer should be installed in a space of sufficient size to permit access to all 4 sides of the system when it is rolled from the rear and/or side walls a distance of 10 ft (3 m). Service access requires a minimum clearance of 3 ft (1 m) on all sides of the system. The power receptacle should be positioned 12 in to 24 in (30.5 cm to 61 cm) above the floor.	
OPERATIONAL ENVIRONMENT	Temperature	50°F to 104°F / 10°C to 40°C
	Humidity	Humidity: 0–95% relative humidity (non-condensing)



SYSTEM ORDERING INFORMATION

All STERRAD® 100S Sterilization Systems include base unit, two-tiered shelf, validation kit, and installation.

CODE	PRODUCT DESCRIPTION
10101	STERRAD® 100S Sterilization System, includes installation
10113	STERRAD® 100S Cassette (5 cassettes/case; 5 cycles/cassette; 25 cycles/case)
14324	STERRAD® CYCLESURE® 24 Biological Indicator (BI) (30/box; 2 boxes/case; 60/case)**
20224	STERRAD® 100S Accessory Kit 2.0 (Single-Ply Printer Paper)
20225	STERRAD® 100S Accessory Kit 2.0 (Double-Ply Printer Paper)
99013	STERRAD® 100S System Seismic Restraint Kit
99008	STERRAD® 100S System User's Guide

FOR MORE INFORMATION

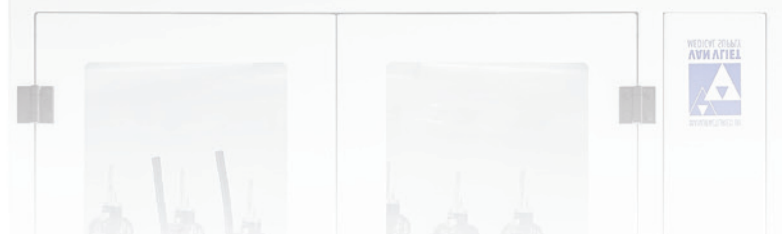
Contact an ASP representative at 1-888-STERRAD or visit www.sterrad.com.

* Please contact your ASP representative to determine maximum chamber capacity based on your facility's particular sterilization load configuration[s].

** STERRAD® CYCLESURE® 24 Biological Indicator is scheduled for release in late 2008. Please contact your ASP Representative for the specific date of when this new product will be available.

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EDC: Completing your endoscope workflow



EDC – Endoscope Drying Cabinet

Endoscope drying and storage is of essential importance in order to protect endoscopes and assure that they are ready for immediate reuse, even after extended storage periods. Endoscope disinfection prior to reuse is not necessary.

Effective drying

The EDC is connected to a medical-grade dry air supply. This assures the highly efficient drying of endoscopes at low temperatures. Medical-grade air is also supplied during storage of the endoscopes. The ambient environment of the chamber is continuously flushed with sterile HEPA-filtered air provided by an integrated ventilator.

Compatible endoscopes

The EDC can store up to seven Olympus flexible medical endoscopes. It is also compatible with a large variety of other branded medical flexible endoscopes. Dedicated adapters can be provided by Olympus. They assure that all internal channels of the endoscopes are effectively flushed with air.

Environment

As the EDC supplies medical-grade dry air, no heating or other air treatment for drying of the endoscopes is required. This removes the need for heating or unnecessary pollution of surrounding areas.

Traceability

The EDC (model D only) is equipped with a RFID reader which is fully compatible with ETD3 endoscope ID and with ENDOALPHA Documentation (ENDOBASE) protocols. This allows traceability of all endoscopes. Additionally, access to the cabinet can be restricted to authorised persons only.

Documentation

The drying and storage conditions of each endoscope can be documented on a printer or can be transferred into the Olympus ENDOALPHA Documentation (ENDOBASE).

Maintenance / Service

All relevant monitoring equipment is located inside a drawer next to the cabinet. This allows easy access for service and maintenance activities.



An Olympus CDS system approach product



Touch-screen display



Capacity for seven endoscopes



RFID-based user and endoscope ID



Easy to trace endoscope information



Quick access to all monitoring equipment

Features and technical data at a glance

Dimensions	Width	1280 mm
	Depth	470 mm
	Height	2130–2179 mm (adjustable feet)
	Weight	200 kg
	Depth of chamber	370 mm
	Volume of cabinet	0.6 m ³
Specifications	Type	EDC
	Number of endoscope positions	7
	Drying time (default setting)	120 minutes
	Storage time (default setting)	168 hours
Electrical connections	Power supply	230 V
	Connections	L1, N, PE
	Frequency	50 Hz
	Max. current	0.9 A
	Max. power consumption	128 W
Air supply	Compressed air	Pressurised medical-grade air according to European Pharmacopeia
	Connection	Preferably ½" outer thread (hose Ø 8 mm)
	Pressure	3–8 bar
	Dew point	–43°C
	Max. consumption	100 l/min 7 scopes, no interval air supply during storage
	Air feed into chamber	
	Internal ventilator	30 m ³ /h
	HEPA filter	0,3 µ/99,97 DOP
	Resistance HEPA filter	200 Pa
	Filter class	min. 7

Manufactured by:
Van Vliet Medical Supply B.V.
Antennestraat 60
1322 AS Almere
The Netherlands

Distributed by:
Olympus Europa Holding GmbH
Wendenstrasse 14–18
20097 Hamburg
Germany

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



Item # _____

Job _____

MetroTrux™ BULK AND CONVERTIBLE LINEN TRUX

MetroTrux™ are constructed of an advanced polymer material that is solid and durable, so they will endure tough challenges. And because they will not rust, corrode, dent, flake, chip or peel, they will provide you with years of reliable service. Lightweight yet rugged construction is forgiving, so MetroTrux will not damage walls or doorways.

- **Aesthetic:** Bulk and Convertible Linen Trux offer a professional, pleasing appearance in the healthcare environment. Standard charcoal blue color.
- **Easily Maneuverable:** Lightweight construction and molded hand grips make steering easy. Smooth rolling casters roll effortlessly, even over uneven surfaces.
- **Cleans Easily:** Unique cart construction, combined with standard drain holes on the bottom of the cart, allows for easy washing and drainage.
- **Convertible Linen Trux** offer the only integral, convertible shelving system in a polymer truck. By positioning the two folding shelves either horizontally or vertically, three different truck configurations become possible.
 1. Folding shelves can be positioned horizontally for easy transport of, and accessibility to, fresh linen.
 2. Folding shelves can be positioned vertically – dropped to become, in essence, an enclosure panel – creating a spacious rolling bin for the collection and the transportation of soiled linen.
 3. While folding shelves are in a vertical position, the lower folding shelf can be flipped out and up, enabling contents to be unloaded with a minimum amount of handling.
- **Bulk Trux:** Available in 48 (1.4 cubic meters) cubic foot capacity, Bulk Trux provide the perfect solution for storage and transport of bulky, hard to handle items. Use for transport of laundry within the hospital, from a commercial laundry to the hospital, or to transport bulk supplies such as I.V. bags and admission kits.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705

Advanced Polymer Design



Bulk Trux
Standard Color – Charcoal Blue



Convertible Linen Trux
Standard Color – Charcoal Blue



MetroTrux™ Bulk and Convertible Linen Trux

31.42

Job _____

MetroTrux™ BULK AND CONVERTIBLE LINEN TRUX



Specifications:

Dolly: Zinc-plated, heavy-gauge steel. Brake formed channel; welded construction.

Casters: 400 lbs. (182 kg)/caster. 6" (150mm) wheel with 2" (50mm) tread. Roller bearings; medium heavy-duty, swivel or rigid.

Color: Standard color for Bulk and Convertible Linen Trux is charcoal blue.



Convertible Linen Trux

Dimensions:

Bulk Trux

Cat. No.	Description	6" (150mm) Casters	Width		Length		Height	
			(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
BT48	48 cu. ft. capacity (1.4m ³)	4 swivel	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220
BT48A	48 cu. ft. capacity (1.4m ³)	2 swivel, 2 rigid	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220

Convertible Linen Trux

Cat. No.	Description	6" (150mm) Casters	Width		Length		Height	
			(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
CLT48	48 cu. ft. capacity (1.4m ³)	4 swivel	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220
CLT48A	48 cu. ft. capacity (1.4m ³)	2 swivel, 2 rigid	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220

Note 1: Standard color for Bulk and Convertible Linen Trux is charcoal blue.

Note 2: Drain holes are standard on Bulk and Convertible Linen Trux. If drain holes are not desired, indicate at time of order.

Manufactured by:



InterMetro Industries Corporation

North Washington Street, Wilkes-Barre, PA 18705

Phone: 570-825-2741 • Fax: 570-825-2852

For Product Information Call: 1-800-433-2232

Visit Our Web Site: www.metro.com

L02-164A
Rev. 11/00
Printed in U.S.A.

Information and specifications are subject to change without notice. Please confirm at time of order.



T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



REG. #A2601
ISO #9001

Model No.
B-7122-C01

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

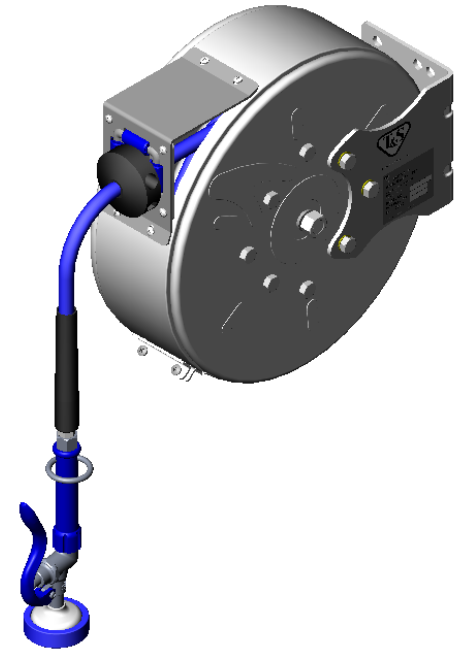
Job Name _____ Date _____

Model Specified _____ Quantity _____

Customer/Wholesaler _____

Contractor _____

Architect/Engineer _____



3/8" NPT Female Inlet
(Left Side of Reel)

Enclosed Stainless Steel Hose Reel;
30 Ft. of 3/8" Hose

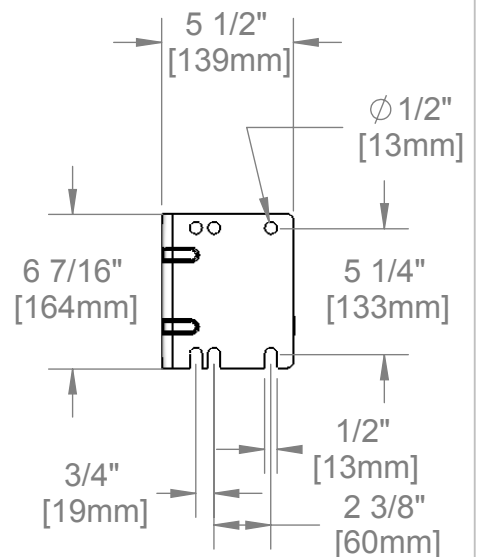
Ø 15 3/8"
[390mm]

6 7/16"
[164mm]

8 13/16"
[223mm]

16 7/16"
[418mm]

EB-0107
Blue Spray Valve



Product Specifications:

3/8" x 30 Ft. Enclosed Stainless Steel Reel
EB-0107 Blue Spray Valve

Drawn JRM	Checked DHL	Approved JHB
Scale:	1:8	Date: 12/19/07



T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



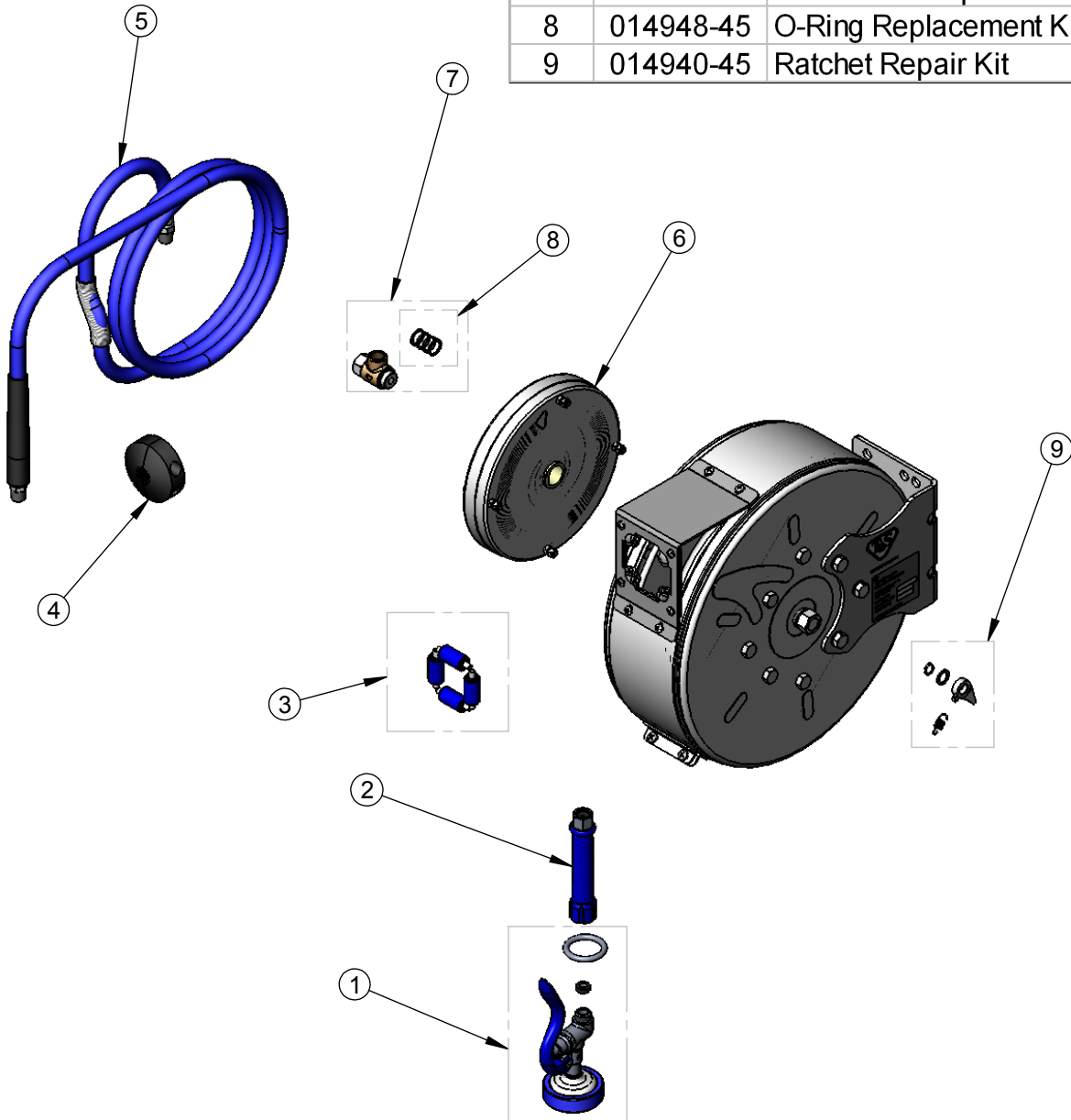
REG. #A2601
ISO #9001

Model No.
B-7122-C01

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

1	EB-0107	Hi-Flow Blue Spray Valve
2	012504-40	Blue Handle Grip
3	014936-45	Roller Assembly Repair Kit
4	014949-45	Hose Stop Repair Kit
5	014943-45	3/8" x 30' Hose Replacement Kit
6	014933-45	Small SS Spring Assembly
7	014946-45	3/8" Swivel Repair Kit
8	014948-45	O-Ring Replacement Kit
9	014940-45	Ratchet Repair Kit



Product Specifications:

3/8" x 30 Ft. Enclosed Stainless Steel Reel
EB-0107 Blue Spray Valve

Drawn JRM	Checked DHL	Approved JHB
Scale: 1:8		Date: 12/19/07



Profit from the Eagle Advantage®

Specification Sheet

Short Form Specifications

Eagle Hand Sink, model HSA-10. Constructed of type 304 stainless steel, all-welded with deep-drawn positive drain sink bowl, inverted "V" edge to prevent spillage and basket drain. Unit less faucet.

Eagle Hand Sink, model HSA-10-F. Features the same as sink #HSA-10, plus splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FA. Features the same as sink #HSA-10, plus p-trap, tailpiece, and splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FAW. Features the same as sink #HSA-10, plus p-trap, tailpiece, and splash mounted gooseneck faucet with wrist handles.

Eagle Hand Sink, model HSA-10-FL. Constructed of type 304 stainless steel, all-welded with deep-drawn positive drain sink bowl, inverted "V" edge to prevent spillage, polymer lever drain, and splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FO. Features the same as sink #HSA-10-FL, plus polymer lever drain includes overflow.



#HSA-10-F

Item No.:	_____
Project No.:	_____
S.I.S. No.:	_____

Traditional Hand Sinks

MODELS:

- HSA-10
- HSA-10-F
- HSA-10-FAW
- HSA-10-FA
- HSA-10-FL
- HSA-10-FO

Design & Construction Features

- Heavy gauge type 304 stainless steel all-welded construction.
- Inverted "V" edge rim retards spillage.
- Unique deep-drawn positive-drain bowl assures complete drainage to meet the most stringent health code requirements.
- Water inlet: 1/2" (13mm) NPS.
- Drain outlet: 1 1/2" (38mm) NPS.
- Six models to choose from.

Options / Accessories

- P-trap
- Tail piece
- End splashes
- Front skirt
- Side mount wall bracket
- MICROGARD®* antimicrobial protection

* For hand sinks #HSA-10, HSA-10-F, HSA-10-FA, and HSA-10-FAW

EAGLE GROUP
 100 Industrial Boulevard, Clayton, DE 19938-8903 USA
 Phone: 302-653-3000 • Fax: 302-653-2065
 www.eaglegrp.com

Foodservice Division: Phone 800-441-8440
MHC/Retail Display Divisions: Phone 800-637-5100

For custom configuration or fabrication needs, contact our **SpecFAB® Division**.
 Phone: 302-653-3000 • Fax: 302-653-3091 • e-mail: quotes@eaglegrp.com



AUTOQUOTES



EG20.40 Rev. 02/13

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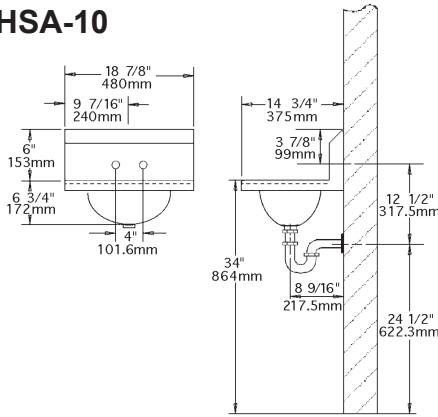


Profit from the Eagle Advantage®

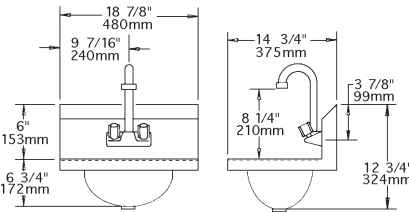
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 Project No.: _____
 S.I.S. No.: _____

Traditional Hand Sinks

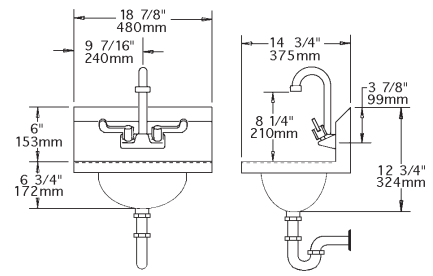
HSA-10



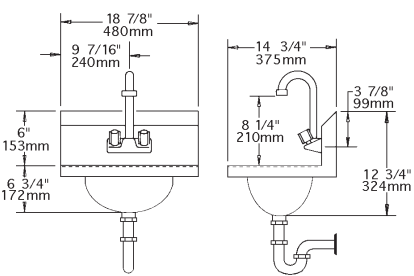
HSA-10-F



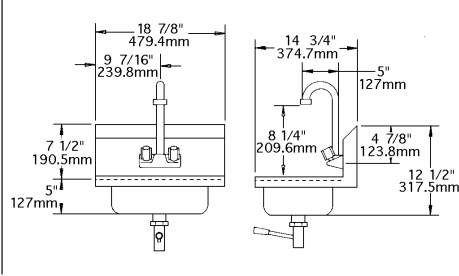
HSA-10-FAW



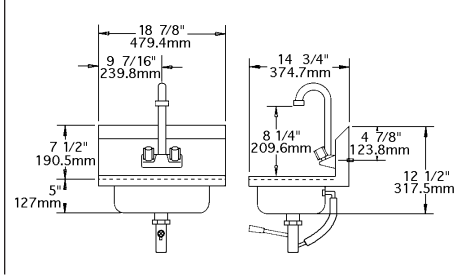
HSA-10-FA



HSA-10-FL



HSA-10-FO



model #	includes	bowl size		overall size		weight	
		width	length x depth	width	length x height	lbs.	kg
		in.	mm	in.	mm		
HSA-10 *	4" (102mm) centerline faucet holes, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	10 4.5
HSA-10-F	faucet, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	12 5.2
HSA-10-FA	faucet, p-trap, tail piece, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	14 6.4
HSA-10-FAW	faucet w/wrist handles, p-trap, tail piece, basket drain	9 3/4"	13 1/2" x 6 3/4"	248 x 343 x 173	14 3/4" x 18 7/8" x 12 3/4"	376 x 480 x 324	14 6.4
HSA-10-FL	faucet, polymer lever drain	10"	14" x 5"	254 x 256 x 127	14 3/4" x 18 7/8" x 12 1/2"	376 x 480 x 318	15 6.6
HSA-10-FO	faucet, polymer lever drain w/overflow	10"	14" x 5"	254 x 256 x 127	14 3/4" x 18 7/8" x 12 1/2"	376 x 480 x 318	13 5.9

* To order hand sink with no faucet holes, add suffix "-NH" to model number (example: HSA-10-NH).

EAGLE GROUP
 100 Industrial Boulevard, Clayton, DE 19938-8903 USA
 Phone: 302-653-3000 • Fax: 302-653-2065
 www.eaglegrp.com

Foodservice Division: Phone 800-441-8440
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Rev. 02/13

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Although every attempt has been made to ensure the accuracy of the information provided, we cannot be held responsible for typographical or printing errors. Information and specifications are subject to change without notice. Please confirm at time of order.



Waste > BRUTE® Utility

2620 BRUTE® Container without Lid



Durable, heavy-duty containers for a variety of uses.

- All-plastic, professional-grade construction will not rust, chip or peel; resists dents.
- Strong, snap-on lids are available for secure, stable stacking.
- Reinforced rims add strength and durability.
- Built-in handles allow easy, non-slip lifting and anti-jam nesting.
- Double-ribbed base increases stability and dragging capacity.
- Gray, White and Yellow are USDA Meat & Poultry Equipment Group Listed and assist in complying with HACCP guidelines.
- Certified to NSF Standard #2 (gray, white and yellow) and Standard #21 (all colors)
- Custom imprinting available; contact Rubbermaid Customer Service at (800) 347-9800 for details.



AVAILABLE COLORS

Order #	Color	Product UPC/ UCC Code
FG262000 YEL	YEL	086876013474 / 10086876013471
FG262000 WHT	WHT	086876013450 / 10086876013457
N/A	RED	0 86876 20304 2 / 10086876203049
FG262000 GRAY	GRAY	086876013436 / 10086876013433
N/A	DGRN	0 86876 20305 9 / 10086876203056
FG262000 BLUE	BLUE	086876047462 / 10086876047469



Yellow
YEL



Red
RED



Dark Green
DGRN



White
WHT



Gray
GRAY



Blue
BLUE

SPECIFICATIONS

	U.S.	Metric
Diameter:	19 1/2 in	49.5 cm
Height:	22 7/8 in	58.1 cm
Volume Capacity [Nom]:	20 gal	75.7 L
Volume Capacity [Max]:		
Volume Capacity [Min]:		
Carton Height:		
Carton Length:		
Carton Width:		
Mass Capacity [Nom]:		
Mass Capacity [Max]:		
Carton Cube:	9.95 ft3	0.28 m3
Ship Weight/Carton:	34.95 lb	15.85 kg

Pack Quantity:
Cartons Per Pallet:

6
4

Material: LLDPE

Process: Injection Molding

ADDITIONAL INFORMATION:

Chemical Resistance Guide: chem.pdf

Frequently Asked Questions

Products in BRUTE® Round Containers

Item #	Description	Diameter	Height	Volume Capacity
2620-46	BRUTE® Container without Lid with "USDA Condemned" Black Imprint, English and Spanish	19 1/2 in	22 7/8 in	20 gal
2632-46	BRUTE® Container without Lid with "USDA Condemned" Black Imprint, English and Spanish	22 in	27 1/4 in	32 gal
2632-56	BRUTE® Container without Lid with "Inedible" Black Imprint, English and Spanish	22 in	27 1/4 in	32 gal
2643	BRUTE® Container without Lid	24 in	31 1/2 in	44 gal
2643-46	BRUTE® Container without Lid with "USDA Condemned" Black Imprint, English and Spanish	24 in	31 1/2 in	44 gal
2643-56	BRUTE® Container without Lid with "Inedible" Black Imprint, English and Spanish	24 in	31 1/2 in	44 gal
2655	BRUTE® Container without Lid	26 1/2 in	33 in	55 gal

2609	Lid for 2610 BRUTE® Container
2610	BRUTE® Container without Lid
2619-60	Lid for 2620 BRUTE® Container
2620	BRUTE® Container without Lid
2631	Lid for 2632 BRUTE® Containers
2632	BRUTE® Container without Lid
2637-88	BRUTE® Dome Top for 2632 Containers
2643-60	BRUTE® 44-Gallon Utility Container
2645-60	BRUTE® Lid
2647-88	BRUTE® Dome Top for 2643 Containers
2654	Lid for 2655 BRUTE® Container
2657-88	BRUTE® Dome Top for 2655 Container
3543	Funnel Top for 2632 Containers

16 in	1 in	
15 5/8 in	17 1/8 in	10 gal
19 7/8 in	1.8 in	
19 1/2 in	22 7/8 in	20 gal
22 1/4 in	1 5/8 in	
22 in	27 1/4 in	32 gal
22 11/16 in	12 1/4 in	
24 in	31 1/2 in	44 gal
24 1/2 in	1 1/2 in	
24 13/16 in	12 5/8 in	
26 3/4 in	2 in	
27 1/4 in	14 1/2 in	
22 3/8 in	5 in	

Accessories for 2620:

No.	Description
2640	BRUTE® Dolly for 2620, 2632, 2643, 2655 Containers
2640-43	BRUTE® Quiet Dolly for 2620, 2632, 2643, 2655 Containers
2646	BRUTE® Tandem Dolly for 2620, 2632, 2643, 2655, 3526, 3536 Containers
2619-60	Lid for 2620 BRUTE® Container

2620 is an Accessory to:

No.	Description
9G74	PROSAVE™ SLIDING LID W 3 C SCOOP AND 2620 BRUTE CONTAINER, COMBO

Consumables/Replacement Parts for 2620

No.	Fits	Description
5006-88	2620, 2620-46	Linear Low Density Can Liners

Work Smarter.

Rubbermaid Commercial Products, LLC
 3124 Valley Avenue, Winchester, VA 22601
www.rcpworksmarter.com



T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



REG. #A2601
ISO #9001

Model No.

B-0113-B

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com

This Space for Architect/Engineer Approval

Job Name _____ Date _____

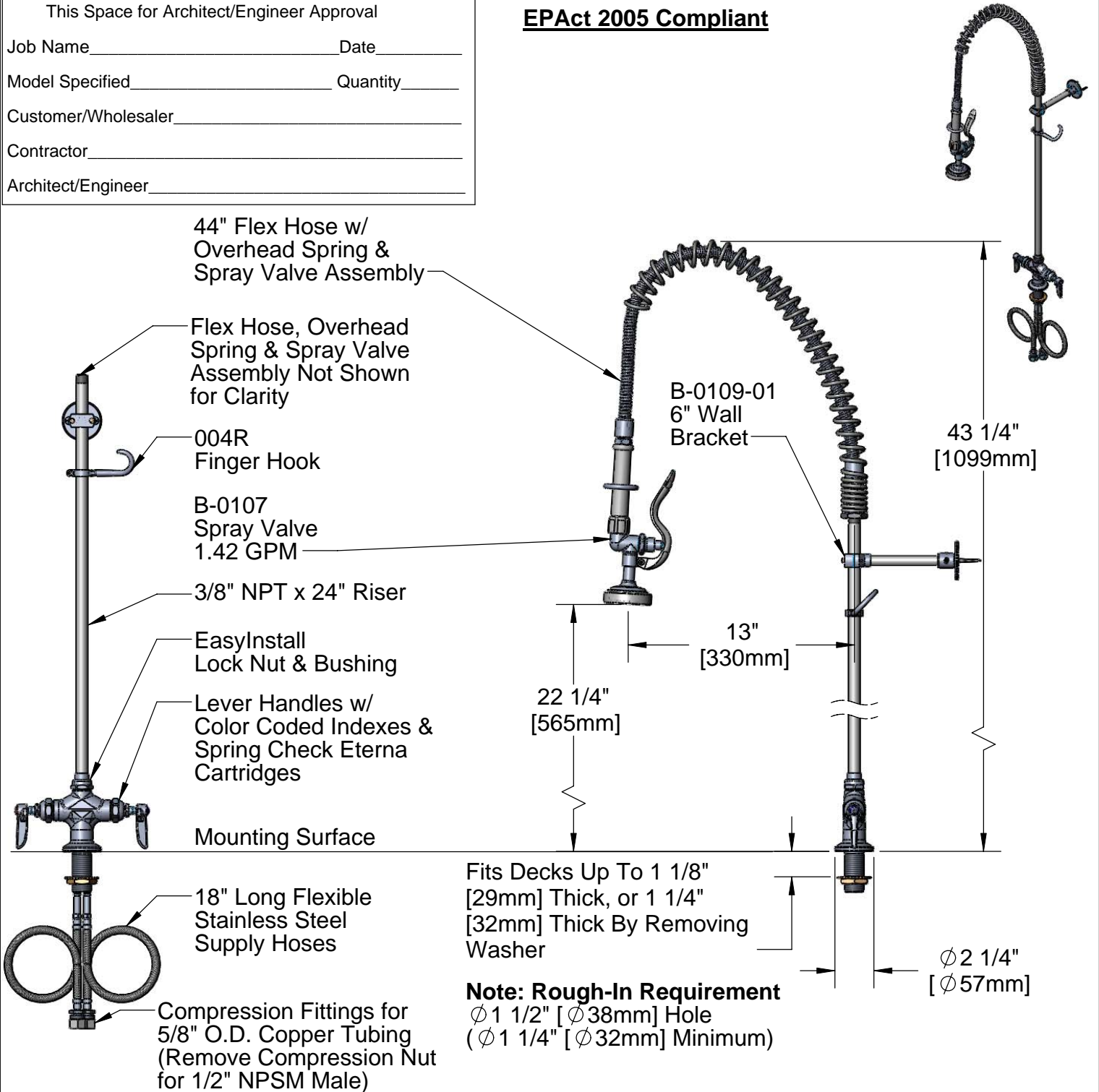
Model Specified _____ Quantity _____

Customer/Wholesaler _____

Contractor _____

Architect/Engineer _____

EPAct 2005 Compliant



Product Specifications: EasyInstall Pre-Rinse Unit: Single Deck Mount Base Mixing Faucet, Flexible Supply Hoses, 24" Riser, Overhead Spring, 44" Flex Hose, B-0107 Spray Valve & 6" Wall Bracket	Drawn KJG	Checked DHL	Approved JHB
	Scale: 1:8		Date: 10/22/08



T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690



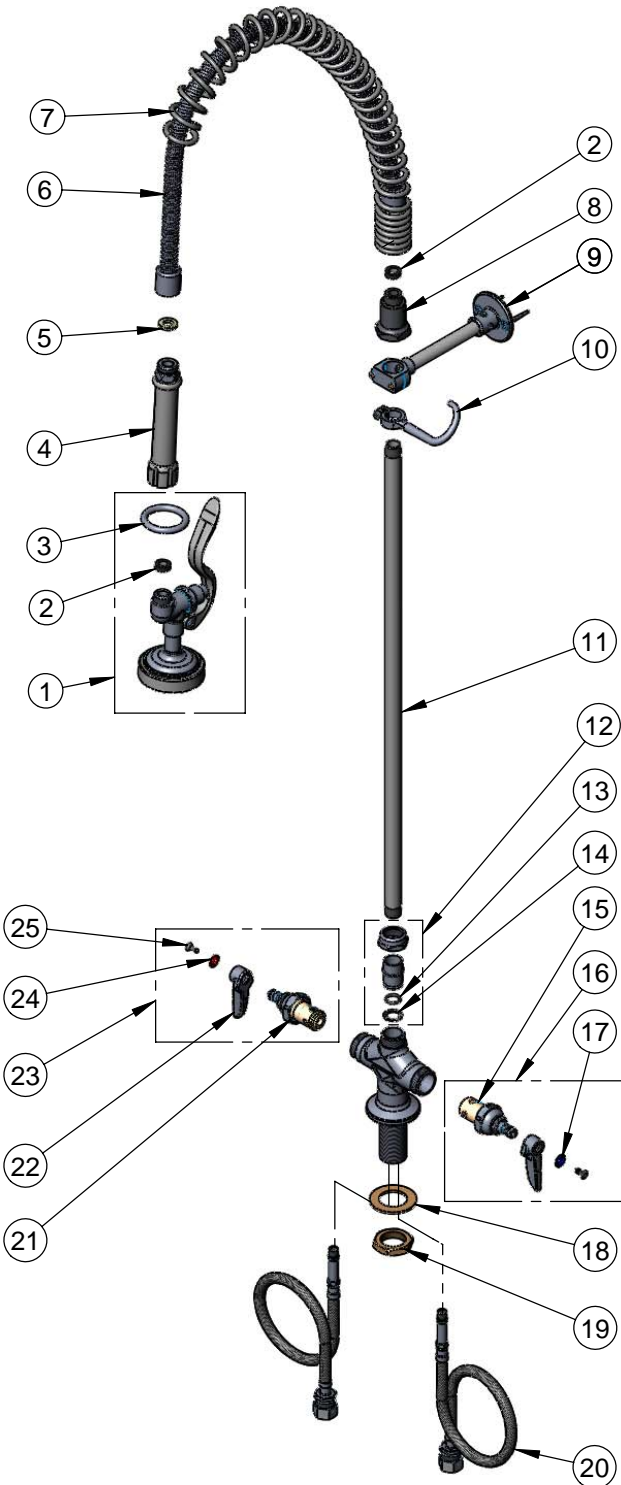
REG. #A2601
ISO #9001

Model No.

B-0113-B

Item No.

Travelers Rest, SC: 800-476-4103 Simi Valley, CA: 800-423-0150 Fax: 864-834-3518 www.tsbrass.com



ITEM NO.	SALES NO.	DESCRIPTION
1	B-0107	Spray Valve Asm
2	010476-45	#27 Washer
3	000907-45	Spray Valve Hold Down Ring
4	002987-40	Grip Handle Assembly
5	001014-45	Washer, B-0100 Hose Barrel
6	B-0044-H2A	44" Flex Hose Assembly, Less Handle
7	000888-45	EasyInstall Overhead Spring
8	000821-40	Spring Body
9	B-0109-01	6" Wall Bracket Assembly
10	004R	Finger Hook Assembly
11	000372-40	3/8" NPT x 24" Long Riser
12	EZ-K	EasyInstall Kit: Bushing, O-Ring, Lock Washer & Loctite 222
13	001065-45	O-Ring
14	014200-45	Star Washer, Anti-Rotation
15	012442-40	Cold Eterna Spindle Assembly w/ Spring Check
16	002711-40	Cold Eterna Spindle Assembly w/ Spring Check, Handle, Index & Screw
17	001660-45	Blue Index-CW
18	002290-45	Lock Washer
19	000965-45	Lock Nut
20	012534-45	Flexible Connector Hose
21	012443-40	Hot Eterna Spindle Assembly w/ Spring Check
22	001638-45	Lever Handle
23	002712-40	Hot Eterna Spindle Assembly w/ Spring Check, Index & Screw
24	001661-45	Red Index-HW
25	000922-45	Lever Handle Screw

Product Specifications:

EasyInstall Pre-Rinse Unit:
Single Deck Mount Base Mixing Faucet, Flexible Supply Hoses, 24" Riser, Overhead Spring, 44" Flex Hose, B-0107 Spray Valve & 6" Wall Bracket

Drawn KJG	Checked DHL	Approved JHB
Scale: NTS		Date: 10/22/08

SPRING PLATFORMS (BACKSAVERS)

AVAILABLE FOR ALL STARCARTS

How do **SPRING PLATFORMS** or **BACKSAVERS** work? As materials are loaded in the cart, the platform automatically lowers with the weight. As the materials are removed the platform raises to an optimum working level!

FEATURES:

- Solves ergonomic problems
- Eliminates excess bending
- Different spring tensions accommodate light or heavy loads
- Heavy duty vinyl cover is strong and easy to clean
- Easy to install – just hook it onto the lip on the cart!

FEATURES: 3" all swivel threadguard casters. Plated steel undercarriage.

MINI STARCARTS™

Model Number	Bu.	Cu. Ft.	Inside (L x W x H)	Outside (L x W x H)	Max Load	Shipping Weight
100 A	4	5	18" x 18" x 23"	21" x 21" x 27"	200	20
105 A	5	6	30" x 16" x 24"	33" x 19" x 28"	200	25
350 A	6	7	30" x 20" x 20"	33" x 23" x 24"	200	25
108 A	6	7	22" x 22" x 34"	24" x 24" x 38"	200	30
110 A	7	8	31" x 21" x 21"	35" x 25" x 24"	300	30
115 A	8	9	45" x 16" x 24"	48" x 19" x 28"	300	40

FEATURES: 3" threadguard casters in diamond pattern. Treated plywood undercarriage. Models 125 L and 145 L lids available.

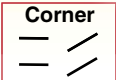
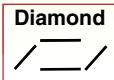
REGULAR STARCARTS™

Model Number	Bu.	Cu. Ft.	Inside (L x W x H)	Outside (L x W x H)	Max Load	Shipping Weight
125 A	10	12	35" x 23" x 25"	39" x 27" x 29"	400	40
135 A	12	15	37" x 25" x 26"	41" x 29" x 31"	400	45
145 A	14	16	38" x 26" x 28"	43" x 31" x 33"	400	50

FEATURES: 4" threadguard casters in diamond or corner pattern. Treated plywood undercarriage. Models 125 L and 145 L lids available (145 L also fits 155B).

HEAVY DUTY STARCARTS™

Model Number	Bu.	Cu. Ft.	Inside (L x W x H)	Outside (L x W x H)	Max Load	Shipping Weight
125 B	10	12	35" x 23" x 25"	39" x 27" x 31"	800	50
135 B	12	15	37" x 25" x 26"	41" x 29" x 32"	800	55
145 B	14	16	38" x 26" x 28"	43" x 31" x 34"	800	60
155 B	16	19	38" x 26" x 31"	43" x 31" x 37"	800	65

Caster Patterns:  or 

DSB4848-05

Floor Scale System



Convenient indicator storage for shipping

- **Capacity**– 2500 kg x 0.5 kg (5000 lb x 1 lb)
- **Legal for Trade**– NTEP certified at 5,000 divisions, Class III
- **Versatile Indicator**– For many applications including shipping, counting, totalizing and check weighing functions
- **Finish**– Powder coat paint
- **Load Cells**– Four alloy steel potted load cells
- **RS-232**– Standard serial string with time and date
- **Function**– Checkweighing, count, weight, total and print
- **Rugged Construction**– Thick safety tread top plate with heavy duty welded wide channel supports

VALUE IN WEIGHING

DSB4848-05 Floor Scale System

DSB Specifications

Floor Scale Material:

Construction: Mild steel
5 mm (0.19") deck with safety tread

Capacity: 2500 kg x 0.5 kg (5000 lb x 1 lb)

Platform Dimensions: 1.21 m x 1.21 m (48" x 48")

Height Dimensions: min 102 mm (4.0");
max 118 mm (4.6")

Finish: Powder coat paint

Load Cell Rated: NTEP, IP65

J-Box Construction: Mild steel

Loadcell Material: Alloy tool steel potted

Loadcell Rated Output: 3 mv/V

Loadcell Output Resistance: 350 ohm

J-Box Access: Top access for easy installation and service

Leveling Feet: Four top access holes for quick installation

Threaded Eye Bolts: Four threaded top access eye-bolt
holes for easy mobility and pit service

Corner Protection: Closed corners to prevent damage
to leveling feet while installing the scale

Overload Protection: 150% of rated capacity

End Loading: 100% of rated capacity

Operating Temp: -10° C to 40° C (14° F to 104° F)

Accuracy: NTEP at 5000 divisions, Class III

Interface Cable Length: 4.6 m (15')

Shipping Weight: 116 kg (225 lb)

Certifications: NTEP CC #11-081

Product Code: AWT05-505728

SBI-505 Specifications

Construction: Mild steel with stainless steel desk stand
or wall mount stand

Dimensions: 47 mm (W) x 220 mm (L) x 149 mm (H)
1.875" W x 8.675" L x 5.875" H

Finish: Powder coat paint

Rated: IP65

Load Cell Capability: 6 @ 350 ohm

Excitation: 5 VDC

Internal ADC: 2,000,000

Display Resolution: up to 30,000

Display: Six digit 20 mm (0.8") high red LED

Annunciators: -0-, motion, Gross, Net, tared, Total, pcs,
lb, kg, Lo, OK, Hi

RS-232: Female DB9 connection

Time and Date: Military format

Operator Keys: On/Off, Total, Count, kg/lb, Gross, Tare,
Zero, Print

Operating Temp: -10° C to 40° C (14° F to 104° F)

Power: 120/220VAC

Output: 9.0V center positive

Calibration: Front panel accessible

Accuracy: NTEP at 5,000 divisions, Class III

Shipping Weight: 1.3 kg (2.875 lb)

Certifications: NTEP CC #11-082

Product Code: AWT05-505729

Optional Power Supply:

AWT05-505962: EU PSU

AWT05-505961: UK PSU

Rugged Construction



Convenient indicator storage for shipping



Wide channel design for superior durability



a division of Avery Weigh-Tronix, LLC

Brecknell

1000 Armstrong Dr., Fairmont, MN 56031
Toll free: 800-637-0529, Tel: 507-238-8702
Fax: 507-238-8271
e-mail: sales@brecknellscapes.com
www.brecknellscapes.com



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Options



RD-65



CP130

Thinking of you

Electrolux

Professional Laundry

Electrolux Professional High-Spin Soft Mount Washers.

Speed. Performance. Easy installation.



Water
saving



Energy
saving



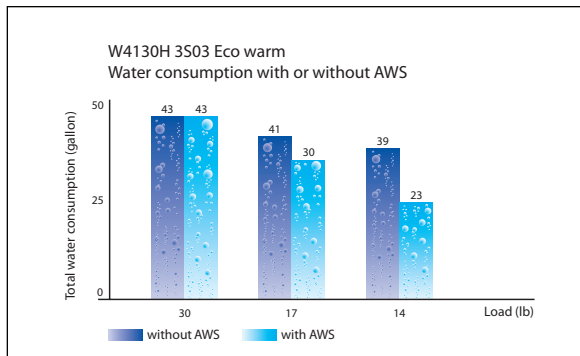
Electrolux Professional washers with ultra high-speed extraction for super-fast drying



350G extraction

	W475H		W4105H		W4130H		W4180H		W4240H	
Capacity (lbs/kg)	18	8	25	11	30	14	45	20	60	27
Width (in/mm) *with optional soap injector	28 3/8	720	32 11/16	830	35 13/16	910	38 3/16	970	40 3/16	1020
Depth Overall (in/mm) *with optional soap injector	28 3/8	720	29 1/8	740	32 1/2	825	37 3/16	945	37 5/8	955
Tilting Depth Overall (in/mm)	n/a		n/a		n/a		n/a		n/a	
Height (in/mm)	43 7/8	1115	51 3/16	1300	52 3/16	1325	55 1/2	1410	56 7/8	1445
Tilted Height (in/mm)	n/a		n/a		n/a		n/a		n/a	
Height to Bottom of Door (in/mm)	14	355	14 3/8	365	17 1/8	435	18 1/2	470	19 11/16	500
Door Opening Diameter (in/mm)	12 3/16	310	14 3/8	365	15 9/16	395	17 1/8	435	17 1/8	435
Cylinder Volumm (ft ³ /l)	2.6	75	3.7	105	4.6	130	6.4	180	8.5	240
Max Floor Load during Extract (lbs/kN)	427 +/- 112	1.9 +/- 0.5	562 +/- 112	2.5 +/- 0.5	697 +/- 112	3.1 +/- 0.5	944 +/- 224	4.2 +/- 1.0	1169 +/- 224	5.2 +/- 1.0
Frequency of Dynamic Force (Hz)	18.3		17.1		16.3		15.5		14.8	
Crated Weight (lbs/kg)	394	179	495	225	625	284	827	376	986	448
Operating Speeds										
Wash (rpm)	49		49		44		44		40	
Max Extract (rpm/g-factor)	1100/350		1025/350		980/350		930/350		890/350	
Electrical Requirements										
Voltage/Frequency/Phase					220/60/1					
Full Load Current (Amps) /Ckt Breaker (Amps)	4.6/15		5.4/15		7.5/15		11.2/15		13.2/20	
Alternate Voltages										
Voltage/Frequency/Phase	120/60/1				N/A		N/A		N/A	
Full Load Current (Amps) /Ckt Breaker (Amps)	9/15		10.6/15							
Alternate Voltages										
Voltage/Frequency/Phase (Ckt Breaker Amps)	N/A		N/A		N/A		440-480/60/1 (15)			
Water Information										
Inlet Fittings (* = 3 Inlet Fittings)	3/4	DN20	3/4	DN20	3/4*	DN20*	3/4*	DN20*	3/4*	DN20*
Flow Each Inlet @ 45 psi (gpm/lpm)	5	20	5	20	5	20	16	60	16	60
Recommended Water Pressure (psi/kPa)	30 - 90	200 - 600	30 - 90	200 - 600	30 - 90	200 - 600	30 - 90	200 - 600	30 - 90	200 - 600
Drain Outlet Diameter (in/mm)	2 15/16	75	2 15/16	75	2 15/16	75	2 15/16	75	2 15/16	75
Max Drain Flow (gpm/lpm)	40	150	40	150	40	150	40	150	40	150
Steam Supply* (psi/kPa)	40 -70	300 -500	40 -70	300 -500	40 -70	300 -500	40 -70	300 -500	40 -70	300 -500
Steam Inlet*	1/2	DN15	1/2	DN15	1/2	DN15	1/2	DN15	1/2	DN15
Air Supply (psi/kPa)	n/a		n/a		n/a		n/a		n/a	
Air Inlet	n/a		n/a		n/a		n/a		n/a	
Heating Alternatives										
Electric	Optional		Optional		Optional		Optional		Optional	
Electric Heat Voltage Options (Volt./Freq./Phase)(Ckt Bkr)	Contact Wascomat		Contact Wascomat		208 - 240/60/3 (35)		208 - 240/60/3 (50)		208 - 240/60/3 (65)	
Direct Steam	Optional		Optional		Optional		Optional		Optional	

Refer installation and servicing to qualified, licensed personnel. Always read installation and operating manuals and consult local codes before installation. Protect machines with properly rated, common-trip, circuit breakers ONLY. Warranty void if not properly installed. Contact us for more information and for availability of machines for electric services not listed. Specifications subject to change without notice. Electrolux/Bemil assumes no responsibility for errors or omissions in this information.



Example: 40% water savings at half load

Automatic Weighing System (AWS)

Saving on utility costs, AWS calculates the right amount of water based on load weight. With each wash cycle, AWS automatically determines the weight of the load and adds precisely the right amount of water resulting in reduced water consumption and energy costs. AWS is a software program built into the wash cycle and is featured on Compass and Clarus Control "H" series washers.

When using AWS, we recommend using optional DMIS, our detergent management information system. This will ensure that the correct amount of detergent is used. You'll see immediate savings in chemical costs.

Soft Mount for easy installation on wood floors, upper levels, and over basements.



300-350G extraction

	W4300H		W4400H		W4600H		W4850H		W41100H	
Capacity (lbs/kg)	75	33	100	45	145	65	200	90	265	120
Width (in/mm) *with optional soap injector	40 3/16	1020	64*	1625*	66 1/2*	1690*	79 1/2*	2020*	87 13/16*	2230*
Depth Overall (in/mm) *with optional soap injector	44 11/16	1135	66 7/8*	1750*	74 1/4*	1885*	76 1/8*	1935*	84 5/8*	2150*
Tilting Depth Overall (in/mm)	n/a		85 1/4	2165	87	2210	91 5/16	2320	95 1/2	2425
Height (in/mm)	56 7/8	1445	79 5/16	2015	79 5/16	2015	97 10/16	2480	87 13/16	2230
Tilted Height (in/mm)	n/a		88	2235	87 10/16	2225	97 5/8	2480	97 5/8	2480
Height to Bottom of Door (in/mm)	19 11/16	500	35 13/16	910	35 13/16	910	39 3/16	995	39 3/16	995
Door Opening Diameter (in/mm)	17 1/8	435	21 1/16	535	21 1/16	535	27 9/16	700	27 9/16	700
Cylinder Volumm (ft ³ /l)	10.6	300	14.1	400	21.2	600	30.0	850	38.8	1100
Max Floor Load during Extract (lbs/kN)	1236 +/- 292	5.5 +/- 1.3	3552 +/- 270	15.8 +/- 1.2	3574 +/- 1439	15.9 +/- 6.4	4946 +/- 1641	22 +/- 7.3	5395 +/- 1641	24 +/- 7.3
Frequency of Dynamic Force (Hz)	13.7		13.8		12.7		12.0		11.1	
Crated Weight (lbs/kg)	1162	528	2860	1300	3300	1500	5104	2320	5324	2420
Operating Speeds										
Wash (rpm)	40		37		36		32		32	
Max Extract (rpm/g-factor)	820/300		825/350		800/350		720/350		663/300	
Electrical Requirements										
Voltage/Frequency/Phase	208 - 240/60/3									
Full Load Current (Amps) /Ckt Breaker (Amps)	9.2/15		13.0/20		14.9/20		19.3/25		22.7/30	
Alternate Voltages										
Voltage/Frequency/Phase	N/A		N/A		N/A		N/A		N/A	
Full Load Current (Amps) /Ckt Breaker (Amps)	N/A		N/A		N/A		N/A		N/A	
Alternate Voltages										
Voltage/Frequency/Phase (Ckt Breaker Amps)	440-480/60/1 (15)		440-480/60/3 (15)		440-480/60/3 (15)		440-480/60/3 (15)		440-480/60/3 (15)	
Water Information										
Inlet Fittings (* = 3 Inlet Fittings)	3/4*	DN20*	1 1/4	DN32	1 1/4	DN32	1 1/2	DN40	1 1/2	DN40
Flow Each Inlet @ 45 psi (gpm/lpm)	16	60	40	150	40	150	53	200	53	200
Recommended Water Pressure (psi/kPa)	30 - 90	200 - 600	30 - 90	200 - 600	30 - 90	200 - 600	30 - 90	200 - 600	30 - 90	200 - 600
Drain Outlet Diameter (in/mm)	2 15/16	75	4 5/16	110	4 5/16	110	4 5/16	110	4 5/16	110
Max Drain Flow (gpm/lpm)	40	150	100	400	100	400	100	400	100	400
Steam Supply* (psi/kPa)	40 - 70	300 - 500	30 - 50	200 - 350	30 - 50	200 - 350	30 - 50	200 - 350	30 - 50	200 - 350
Steam Inlet*	1/2	DN15	3/4	DN20	3/4	DN20	3/4	DN32	3/4	DN32
Air Supply (psi/kPa)	n/a		75 - 100	500 - 700	75 - 100	500 - 700	75 - 100	500 - 700	75 - 100	500 - 700
Air Inlet	n/a		1/8	DN6	1/8	DN6	1/8	DN6	1/8	DN6
Heating Alternatives										
Electric	Optional		Optional		Optional		n/a		n/a	
Electric Heat Voltage Options (Volt./Freq./Phase)(Ckt Bkr)	208 - 240/60/3 (65)		440 - 480/60/3 (65 - 50)		440 - 480/60/3 (80)		n/a		n/a	
Direct Steam	Optional		Optional		Optional		Standard		Standard	

Features and benefits:

- Up to 350G ultra high-speed extraction for super-fast drying.
- Extremely low water and energy consumption for big utility savings.
- Shock absorbing suspension system allows for easy installation on wood floors, upper floors, and over basements. Minimizes the impact of unbalanced loads.
- Door unlocks immediately at the end of wash cycle.
- Optional steam injection for precise control of water temperature.
- Convenient 4-compartment supply dispenser (W475H-W4300H)
- Built-in connection for automatic liquid injector.
 - Compass Control provides 5 liquid chemical signals.
 - Clarus Control provides 4 liquid chemical signals.
 - Available options: Clarus expands to 8 signals.
- Stainless and galvanized steel in all vital parts for maximum rust protection.
- Interchangeable parts from one machine size to another.
- SuperBalance™ for correct extraction force regardless of load size or composition.
- Integrated weighing system (option with Clarus Control)



Electrolux models W475H and W4105H are Energy Star rated. They meet strict energy efficiency guidelines set by the EPA & US Department of Energy. Our larger machines are also designed to save water and energy and achieve impressive Modified Energy Factor (MEF) results.

Electrolux Products are certified in accordance with the ISO 9001 and ISO 14001 standards, guaranteeing our long term commitment to quality and the environment.

Superior Wash Cycle Control

With our Wash Program Manager software you can easily create custom wash programs on your PC.



Compass Control provides programs developed specifically to meet your needs (health-care, restaurant, hotel, firehouse, and more). Modify standard wash programs to find the perfect balance between low water and energy consumption while optimizing wash results and processing time – or create your own programs. Reduce operator error by only displaying the programs you use. Multilingual. Available on 18-75 lb. capacity models.



Fully programmable menu-driven microprocessor control combines timing, optimal water levels, and temperature* to ensure superior results. Includes nine standard wash programs and provides the ability to create and store up to 192 custom programs. Smart card interface allows off-site programming by chemical company professionals. Available on 18-250 lb. capacity models.

* temperature maintained on self heated machines only.

Electrolux H-Series soft-mount washers spin faster resulting in less drying time, significant energy savings, and higher productivity. You'll appreciate the quick turnaround time, easy to use controls, and exceptional results.



Call today for information on the full line of Electrolux Professional washers, dryers, ironers, and low-cost financing & leasing.

Thinking of you

 **Electrolux**

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En Mexico: Llame gratis a este numero 001-800-010-1010

www.electroluxusa.com/laundrysystems

Electrolux Dryers for OPL

30x30 & 45x45 stack, 35, 67, 83, 100 & 135 lb. capacities

High performance and significant energy savings.

Electrolux dryers are precision-engineered for efficiency, ease of use, and superior drying results. Perfect for hotels, motels, hospitals, nursing homes, gyms, salons, schools, and other facilities. You'll appreciate the "green" engineering, easy operation, and years of low maintenance.

Features and benefits:

- Optimal combination of gas consumption (Btu/hr) and airflow (CFM) provides the fastest drying with lowest energy consumption.
- Extra large doors make loading and unloading easy.
- Self-cleaning lint screen & large lint compartment for easy maintenance.
- Quiet operation. Designed to keep noise level below 70 dB (A).
- Reversing drum (standard) minimizes tangling and wrinkling. Improves dryer efficiency and makes flatwork finishing easier.
- Fresh air intake adapter acquires air from a location outside the dryer area. Useful when dryers are installed in interior or air-conditioned space.

35, 67 and 83 lb. dryer features:

- **Axial airflow** and tight construction for extremely low energy consumption
- **Compass Pro** program control
- Top Exhaust Kit (optional)

Residual Moisture Control:

The Residual Moisture Control (RMC) option is available in all Electrolux single pocket dryers. RMC prevents damage to garments caused by overdrying and reduces lint and wrinkles by automatically stopping the dryer when the exact pre-set moisture level is reached. The amount of residual moisture in the fabric is important for proper finishing. If the load is to be further processed by an ironer, RMC will shut the dryer off while there is still sufficient moisture for the ironer to work effectively. By not overdrying, you'll benefit from longer linen life and significant labor and energy savings.



Electrolux OPL Dryers available in 30x30, 45x45, 35, 67, 83, 100 and 135 lb. capacities. Available in stainless (optional) or wave front panel.

35, 67 and 83 lb. with Axial Airflow and Compass Pro control. Other options include: Stainless steel drum, RMC, Heat recovery system: Heat Recovery Pipes (HRP), fresh air intake, exhaust on top. Call for more information.



The future of professional laundry is here.

Electrolux is dedicated to providing you with the very best precision-engineered washers, dryers, and flatwork ironers. Production units are certified in accordance with ISO 9001 (Quality) and ISO 14001 (Environmental Management) standards, and products are CE labeled. Take control of your laundry operations with Electrolux Professional Laundry.

For more information, please visit www.laundrylux.com

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Model	T4300		T4420		T5290		T5550		# 230 T5675		T4900		# 231 T41200	
Capacity (lb/kg)	2 x 30	2 x 13.5	2 x 45	2 x 20.41	35	16.1	67	30.5	83	37.5	100	45	135	60
Width (in/mm)	31 1/8	790	34 1/4	870	27 15/16	710	37 13/16	960	37 13/16	960	50 13/16	1290	50 13/16	1290
Depth (in/mm)	43 11/16	1110	52 5/8	1336	45 1/2	1155	51 3/4	1315	59 7/16	1510	51	1295	58 7/16	1485
Depth with door open (in/mm)	72 7/16	1840	85 5/8	2175	68 5/16	1735	83 11/16	2125	91 5/16	2320	94 1/2	2400	101 15/16	2590
Height Overall (in/mm)	76 3/8	1940	81 7/8	2078	65 15/16	1675	73 7/16	1855	73 7/16	1855	97 1/16	2465	97 1/16	2465
Height without heating unit (in/mm)	n/a		n/a		n/a		n/a		n/a		77 3/8	1965	77 3/8	1965
Door opening diameter (in/mm)	22 7/8	580	27	686	22 13/16	580	31 7/8	810	31 7/8	810	37	940	37	940
Cylinder volume (ft ³ /l)	10.6	300	14.6	414	10.2	290	19.4	550	23.8	675	31.8	900	42.4	1200
Crated Weight (lb/kg)	693	315	865	392	518	235	717	325	827	375	1100	500	1166	530
Utility Connections			(2) 8" or (1) 10"											
Exhaust duct diameter (in/mm)	8	200	(2) 203mm or (1) 254mm		8	200	10	250	10	250	12	315	12	315
Gas connection	1/2 NPT		3/4 MNPT		1/2 NPT		1/2 NPT		3/4 NPT		1 NPT		1 NPT	
Steam connection, inlet & condensate	n/a		n/a		1 NPT		1 NPT		1 NPT		1 NPT		1 NPT	
Energy Data														
Gas (Btu/hr)	2 x	71,700	2 X 94,000		71,700		112,700		143,400		219,000		280,000	
Airflow (ft ³ /min / m ³ /hr) (gas heat)	2 x 354	2 x 600	2 x 600 2 x 1020		360 / 610		550 / 940		670 / 1140		1354 / 2300		1765 / 3000	
Electric (kW) @ 208-240V/3Ø	2 x 18	n/a	18	30	13.5 or 18		24 or 32		24 or 32		32		72	
Airflow (ft ³ /min / m ³ /hr) (elec. heat)	2 x 354	2 x 600	n/a		325 / 550		550 / 940		670 / 1140		1354 / 2300		1765 / 3000	
Steam (lb/hr /kg/hr) (approximate)	n/a		n/a		80 / 36		118 / 54		150 / 68		315 / 143		315 / 143	
Airflow (ft ³ /min / m ³ /hr) (steam heat)	n/a		n/a		405 / 690		635 / 1080		810 / 1380		1354 / 2300		1765 / 3000	
Electrical Requirements														
Current, gas or steam, 120 V/60Hz (full load/circuit breaker)	2 x 9A / 2 x 15A		2 x 12A / 2 x 15A		7.5A (15A)		12A (20A)		12A (20A)		n/a		n/a	
Current, gas or steam, 208-240 V/60Hz/1Ø (full load/circuit breaker)	2 x 4.5A / 2 x 15A		5.50A / 15A		3.5A (15A)		8.5A (15A)		8.5A (15A)		n/a		n/a	
Current, gas or steam, 208-240 V/60Hz/3Ø (full load/circuit breaker)	n/a		n/a		3.75A (15A)		10A (15A)		10A (15A)		10A (15A)		10A (15A)	
Current, electric, 208-240 V/60Hz/3Ø (full load/circuit breaker)	2 x 50 / 2 x 65		n/a		14.4-18.9 (60A)		26.1-34.4 (110A)		26.1-34.4 (110A)		75 / 100 @ 480 Volts		90 / 125 @ 480 Volts	
Alternate Voltages														
Alternate voltages available. Contact Laundrylux Sales Department for information.														
Supply Pressures														
Natural Gas (inches H ₂ O/mbar)	6-10 / 15-25		6-12 / 15-30		3.5-10.5 / 9-26		3.5-10.5 / 9-26		3.5-10.5 / 9-26		6-10 / 15 - 25		6-10 / 15-25	
Propane (inches H ₂ O/mbar)	10-13 / 25-30		11-13 / 28-33		8-13 / 20-32		8-13 / 20-32		8-13 / 20-32		10-13 / 25-30		10-13 / 25-30	
Steam (psi/bar) (max)	n/a		145 / 10		145 / 10		145 / 10		145 / 10		145 / 10		145 / 10	
Exhaust back pressure (inches H ₂ O/mbar) (max)	1.57	3.9	0.6	1.5	2.2	5.5	2.6	6.48	3	7.5	0.37	1	0.37	1

Note: T4420S 45 lb. stack dryer - 208 volt, 1-phase not available. Use 120 volt model for 208 volt applications.

Refer installation and servicing to qualified, licensed personnel. Always read installation and operating manuals and consult local codes before installation. Protect machines with properly rated, inverse-time, common-trip, industrial-type circuit breakers ONLY. Warranty void if not properly installed. Advise when placing order if dryers are for installation at altitudes in excess of 1000 feet above sea level, as this may require a gas-orifice change. Contact Laundrylux for more information and availability of machines for electric services not listed. Specifications subject to change without notice. Laundrylux assumes no responsibility for errors or omissions in this information.

ELECTROLUX DRYER CONTROL

Compass PRO available on 35, 67, and 83 lb. dryers • Selecta II on 30x30, 45x45, 100 and 135 lb. dryers



Compass Pro

- Large & clear display with control knob for easy program selection
- Easy access with user-friendly interface
- Language selection
- Drying program packages optimized for Economy, Care and Time
- Service program for adjustment of parameters
- USB Type B connection

Selecta II

- Precise control of temperature, residual moisture, program, time, reversing and cool-down selection.
- Displays selected program, remaining drying time, cool-down time and actual temperature.
- Comprehensive diagnostics and service functions.

Call today for information on the full line of Electrolux Professional washers, dryers, ironers, and low-cost financing & leasing.

Thinking of you
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800.381.7222 • www.laundrylux.com

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Spare Parts – Tel: 516-371-2000 • Fax: 516-371-4029 • e-mail: parts@laundrylux.com

Technical Support – Tel: 516-371-0700 • Fax: 516-371-4029 • e-mail: service@laundrylux.com

En Mexico: Llame gratis a este numero 001-800-010-1010

Your local independent authorized dealer



Item# _____

Job _____



SUPER ERECTA SHELF® WIRE SHELVING

- **Unique Design:** The open wire design of these heavy-gauge carbon-steel or stainless steel shelves minimizes dust accumulation and allows a free circulation of air, greater visibility of stored items and greater light penetration.
- **Versatile Construction:** Super Erecta Shelf® wire shelving can change as quickly as your needs change. By using various accessories, hundreds of shelving configurations become possible.
- **Fast, Secure Assembly:** SiteSelect™ Posts with the triple-groove visual guide feature, have circular grooves at 1" (25mm) intervals and are numbered at 2" (50mm) intervals. A patented, tapered split sleeve (plastic or aluminum) snaps together around each post. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelf is assembled in minutes without the use of any special tools.
- **Shelf Ribs:** Run front to back, allowing you to slide items on and off shelves smoothly.
- **Shelf Accessibility:** Shelves can be loaded/unloaded easily from all sides. This open construction allows use of maximum storage space of cube.
- **Adjustability:** Shelves can be adjusted at 1" (25mm) intervals along the entire length of the post.
- **Durable:** Super Erecta Shelf® wire shelving is available in four options: Super Erecta Brite™, chrome-plated, stainless steel and Metroseal™.
- **Adjustable Feet:** Bolt levelers compensate for surface irregularities.

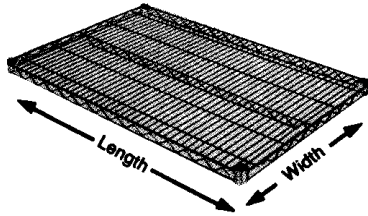


Job _____



**SUPER ERECTA SHELF®
WIRE SHELVING**

WIRE SHELVES



Split Sleeves

SUPER ERECTA SHELF meets U.S. Government Specifications MIL-S-40144E.

PLATED SHELVING has clear protective coating.

For load capacity guidelines, ask your InterMetro representative for a copy of "Helpful Hints."

	Width		Length		Approx. Pkd. Wt.		Cat. No. Super Erecta Brite	Cat. No. Chrome	Cat. No. Stainless
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			
14	355	24	610	6	2.7	1424BR	1424NC	1424NS	
14	355	30	760	7	3.2	1430BR	1430NC	1430NS	
14	355	36	910	8	3.6	1436BR	1436NC	1436NS	
14	355	42	1060	9½	4.3	1442BR	1442NC	1442NS	
14	355	48	1220	10½	4.7	1448BR	1448NC	1448NS	
14	355	60	1525	14	6.3	1460BR	1460NC	1460NS	
14	355	72	1825	17	7.7	1472BR	1472NC	1472NS	
18	455	24	610	7	3.2	1824BR	1824NC	1824NS	
18	455	30	760	8	3.6	1830BR	1830NC	1830NS	
18	455	36	910	9½	4.3	1836BR	1836NC	1836NS	
18	455	42	1060	11	5.0	1842BR	1842NC	1842NS	
18	455	48	1220	12	5.4	1848BR	1848NC	1848NS	
18	455	54	1370	14½	6.6	1854BR	1854NC	1854NS	
18	455	60	1525	17	7.7	1860BR	1860NC	1860NS	
18	455	72	1825	20	9.1	1872BR	1872NC	1872NS	
21	530	24	610	8	3.6	2124BR	2124NC	2124NS	
21	530	30	760	9	4.1	2130BR	2130NC	2130NS	
21	530	36	910	11	5.0	2136BR	2136NC	2136NS	
21	530	42	1060	12	5.4	2142BR	2142NC	2142NS	
21	530	48	1220	14	6.4	2148BR	2148NC	2148NS	
21	530	54	1370	16	7.6	2154BR	2154NC	2154NS	
21	530	60	1525	18	8.2	2160BR	2160NC	2160NS	
21	530	72	1825	24	10.9	2172BR	2172NC	2172NS	
24	610	24	610	9	4.1	2424BR	2424NC	2424NS	
24	610	30	760	11	5.0	2430BR	2430NC	2430NS	
24	610	36	910	13	5.9	2436BR	2436NC	2436NS	
24	610	42	1060	15	6.8	2442BR	2442NC	2442NS	
24	610	48	1220	16	7.3	2448BR	2448NC	2448NS	
24	610	54	1370	18	8.6	2454BR	2454NC	2454NS	
24	610	60	1525	21	9.5	2460BR	2460NC	2460NS	
24	610	72	1825	26	11.8	2472BR	2472NC	2472NS	

NOTE: For Metroseal shelving information see sheet No. 10.10.

"S" Hooks

Used to "add-on" shelving units with only two posts required.
Cat. No. 9995Z

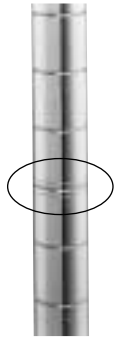


SiteSelect™ Posts

Height*	Approx. Pkd. Wt.	Cat. No. Plated	Cat. No. Stainless		
				(in.)	(mm)
7 ⁵ / ₈	190	1/2	0.2	7P	
14 ¹ / ₂	368	1	0.5	13P	13PS
28 ¹ / ₂	724	1¾	0.75	27P	27PS
34 ¹ / ₂	876	2	0.9	33P	33PS
54 ⁹ / ₁₆	1386	3	1.4	54P	54PS
62 ⁹ / ₁₆	1589	3½	1.6	63P	63PS
74 ⁵ / ₈	1895	4	1.8	74P	74PS
86 ⁵ / ₈	2200	5	2.3	86P	86PS

*Height includes leveling bolt and cap.

SiteSelect™ Posts are grooved at 1" (25mm) increments and numbered at 2" (50mm) increments. Posts are triple-grooved every 8" (203mm) for easy identification.



Important: When ordering by components remember that stability decreases as the ratio of height to width increases. Units should be kept as wide and low as possible. With 14" shelving, foot plates should be used and secured to the floor on free-standing units; on mobile units, maximum post height is 54".

Manufactured by:
InterMetro Industries Corp.
North Washington Street
Wilkes-Barre, PA 18705

Phone 717-825-2741
FAX 717-825-2852
For Product Information, call 1-800-433-2232
For Customer Service, call 1-800-992-1776



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com

L02-006
Rev. 3/98 BJ
Printed in U.S.A.
Information and specifications are subject to change without notice. Please confirm at time of order.



Profit from the Eagle Advantage®

Specification Sheet

Short Form Specifications

Eagle Hand Sink, model HSA-10. Constructed of type 304 stainless steel, all-welded with deep-drawn positive drain sink bowl, inverted "V" edge to prevent spillage and basket drain. Unit less faucet.

Eagle Hand Sink, model HSA-10-F. Features the same as sink #HSA-10, plus splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FA. Features the same as sink #HSA-10, plus p-trap, tailpiece, and splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FAW. Features the same as sink #HSA-10, plus p-trap, tailpiece, and splash mounted gooseneck faucet with wrist handles.

Eagle Hand Sink, model HSA-10-FL. Constructed of type 304 stainless steel, all-welded with deep-drawn positive drain sink bowl, inverted "V" edge to prevent spillage, polymer lever drain, and splash mounted gooseneck faucet.

Eagle Hand Sink, model HSA-10-FO. Features the same as sink #HSA-10-FL, plus polymer lever drain includes overflow.



#HSA-10-F

Item No.:	_____
Project No.:	_____
S.I.S. No.:	_____

Traditional Hand Sinks

MODELS:

- HSA-10
- HSA-10-F
- HSA-10-FAW
- HSA-10-FA
- HSA-10-FL
- HSA-10-FO

Design & Construction Features

- Heavy gauge type 304 stainless steel all-welded construction.
- Inverted "V" edge rim retards spillage.
- Unique deep-drawn positive-drain bowl assures complete drainage to meet the most stringent health code requirements.
- Water inlet: 1/2" (13mm) NPS.
- Drain outlet: 1 1/2" (38mm) NPS.
- Six models to choose from.

Options / Accessories

- P-trap
- Tail piece
- End splashes
- Front skirt
- Side mount wall bracket
- MICROGARD®* antimicrobial protection

* For hand sinks #HSA-10, HSA-10-F, HSA-10-FA, and HSA-10-FAW

EAGLE GROUP
 100 Industrial Boulevard, Clayton, DE 19938-8903 USA
 Phone: 302-653-3000 • Fax: 302-653-2065
 www.eaglegrp.com

Foodservice Division: Phone 800-441-8440
MHC/Retail Display Divisions: Phone 800-637-5100

For custom configuration or fabrication needs, contact our **SpecFAB® Division**.
 Phone: 302-653-3000 • Fax: 302-653-3091 • e-mail: quotes@eaglegrp.com



AUTOQUOTES



EG20.40 Rev. 02/13

Spec sheets available for viewing, printing or downloading from our online literature library at www.eaglegrp.com

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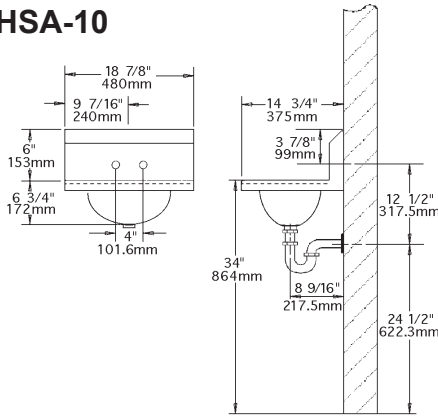


Profit from the Eagle Advantage®

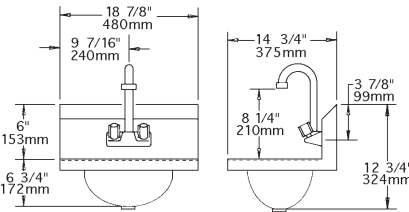
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 Project No.: _____
 S.I.S. No.: _____

Traditional Hand Sinks

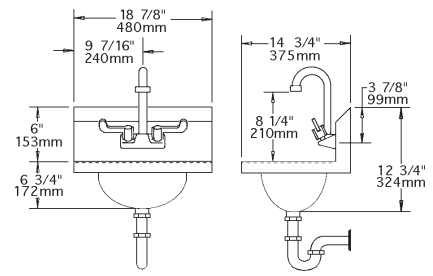
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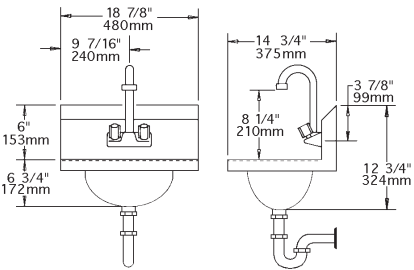
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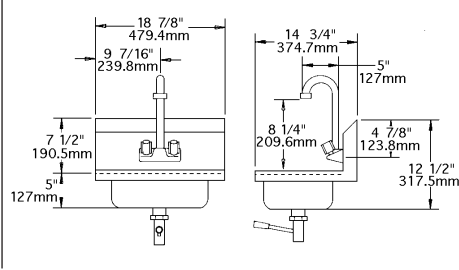
HSA-10-FAW



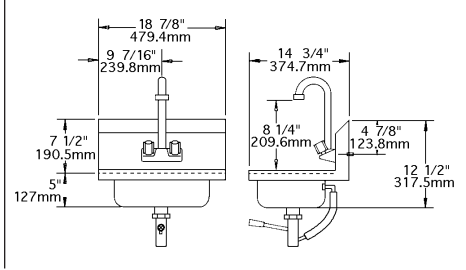
HSA-10-FA



HSA-10-FL



HSA-10-FO



model #	includes	bowl size		overall size		weight	
		width	length x depth	width	length x height	lbs.	kg
		in.	mm	in.	mm		
HSA-10 *	4" (102mm) centerline faucet holes, basket drain	9 ³ / ₄ "	13 ¹ / ₂ " x 6 ³ / ₄ "	248 x 343 x 173	14 ³ / ₄ " x 18 ⁷ / ₈ " x 12 ³ / ₄ "	376 x 480 x 324	10 4.5
HSA-10-F	faucet, basket drain	9 ³ / ₄ "	13 ¹ / ₂ " x 6 ³ / ₄ "	248 x 343 x 173	14 ³ / ₄ " x 18 ⁷ / ₈ " x 12 ³ / ₄ "	376 x 480 x 324	12 5.2
HSA-10-FA	faucet, p-trap, tail piece, basket drain	9 ³ / ₄ "	13 ¹ / ₂ " x 6 ³ / ₄ "	248 x 343 x 173	14 ³ / ₄ " x 18 ⁷ / ₈ " x 12 ³ / ₄ "	376 x 480 x 324	14 6.4
HSA-10-FAW	faucet w/wrist handles, p-trap, tail piece, basket drain	9 ³ / ₄ "	13 ¹ / ₂ " x 6 ³ / ₄ "	248 x 343 x 173	14 ³ / ₄ " x 18 ⁷ / ₈ " x 12 ³ / ₄ "	376 x 480 x 324	14 6.4
HSA-10-FL	faucet, polymer lever drain	10"	14" x 5"	254 x 256 x 127	14 ³ / ₄ " x 18 ⁷ / ₈ " x 12 ¹ / ₂ "	376 x 480 x 318	15 6.6
HSA-10-FO	faucet, polymer lever drain w/overflow	10"	14" x 5"	254 x 256 x 127	14 ³ / ₄ " x 18 ⁷ / ₈ " x 12 ¹ / ₂ "	376 x 480 x 318	13 5.9

* To order hand sink with no faucet holes, add suffix "-NH" to model number (example: HSA-10-NH).

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 100 Industrial Boulevard, Clayton, DE 19938-8903 USA
 Phone: 302-653-3000 • Fax: 302-653-2065
 www.eaglegrp.com

Foodservice Division: Phone 800-441-8440
 MHC/Retail Display Divisions: Phone 800-637-5100

Spec sheets available for viewing, printing or downloading from our online literature library at www.eaglegrp.com

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 Rev. 02/13

SPRING PLATFORMS (BACKSAVERS)

AVAILABLE FOR ALL STARCARTS

How do **SPRING PLATFORMS** or **BACKSAVERS** work? As materials are loaded in the cart, the platform automatically lowers with the weight. As the materials are removed the platform raises to an optimum working level!

FEATURES:

- Solves ergonomic problems
- Eliminates excess bending
- Different spring tensions accommodate light or heavy loads
- Heavy duty vinyl cover is strong and easy to clean
- Easy to install – just hook it onto the lip on the cart!

FEATURES: 3" all swivel threadguard casters. Plated steel undercarriage.

MINI STARCARTS™

Model Number	Bu.	Cu. Ft.	Inside (L x W x H)	Outside (L x W x H)	Max Load	Shipping Weight
100 A	4	5	18" x 18" x 23"	21" x 21" x 27"	200	20
105 A	5	6	30" x 16" x 24"	33" x 19" x 28"	200	25
350 A	6	7	30" x 20" x 20"	33" x 23" x 24"	200	25
108 A	6	7	22" x 22" x 34"	24" x 24" x 38"	200	30
110 A	7	8	31" x 21" x 21"	35" x 25" x 24"	300	30
115 A	8	9	45" x 16" x 24"	48" x 19" x 28"	300	40

FEATURES: 3" threadguard casters in diamond pattern. Treated plywood undercarriage. Models 125 L and 145 L lids available.


REGULAR STARCARTS™


Model Number	Bu.	Cu. Ft.	Inside (L x W x H)	Outside (L x W x H)	Max Load	Shipping Weight
125 A	10	12	35" x 23" x 25"	39" x 27" x 29"	400	40
135 A	12	15	37" x 25" x 26"	41" x 29" x 31"	400	45
145 A	14	16	38" x 26" x 28"	43" x 31" x 33"	400	50

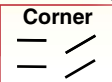
FEATURES: 4" threadguard casters in diamond or corner pattern. Treated plywood undercarriage. Models 125 L and 145 L lids available (145 L also fits 155B).

HEAVY DUTY STARCARTS™

Model Number	Bu.	Cu. Ft.	Inside (L x W x H)	Outside (L x W x H)	Max Load	Shipping Weight
125 B	10	12	35" x 23" x 25"	39" x 27" x 31"	800	50
135 B	12	15	37" x 25" x 26"	41" x 29" x 32"	800	55
145 B	14	16	38" x 26" x 28"	43" x 31" x 34"	800	60
155 B	16	19	38" x 26" x 31"	43" x 31" x 37"	800	65

Caster Pattern:  All Swivel

Caster Pattern:  Diamond

Caster Patterns:  Corner or  Diamond



Item# _____

Job _____



Wire Shelving



SUPER ERECTA SHELF® WIRE SHELVING

- **Unique Design:** The open wire design of these heavy-gauge carbon-steel or stainless steel shelves minimizes dust accumulation and allows a free circulation of air, greater visibility of stored items and greater light penetration.
- **Versatile Construction:** Super Erecta Shelf® wire shelving can change as quickly as your needs change. By using various accessories, hundreds of shelving configurations become possible.
- **Fast, Secure Assembly:** SiteSelect™ Posts with the triple-groove visual guide feature, have circular grooves at 1" (25mm) intervals and are numbered at 2" (50mm) intervals. A patented, tapered split sleeve (plastic or aluminum) snaps together around each post. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelf is assembled in minutes without the use of any special tools.
- **Shelf Ribs:** Run front to back, allowing you to slide items on and off shelves smoothly.
- **Shelf Accessibility:** Shelves can be loaded/unloaded easily from all sides. This open construction allows use of maximum storage space of cube.
- **Adjustability:** Shelves can be adjusted at 1" (25mm) intervals along the entire length of the post.
- **Durable:** Super Erecta Shelf® wire shelving is available in four options: Super Erecta Brite™, chrome-plated, stainless steel and Metroseal™.
- **Adjustable Feet:** Bolt levelers compensate for surface irregularities.



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North Washington Street
Wilkes-Barre, PA 18705
www.metro.com

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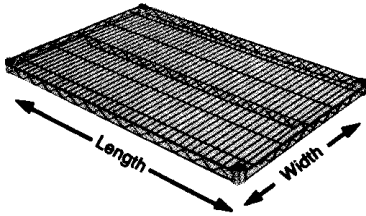
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Job _____



**SUPER ERECTA SHELF®
WIRE SHELVING**

WIRE SHELVES



Split Sleeves

SUPER ERECTA SHELF meets U.S. Government Specifications MIL-S-40144E.

PLATED SHELVING has clear protective coating.

For load capacity guidelines, ask your InterMetro representative for a copy of "Helpful Hints."

	Width		Length		Approx. Pkd. Wt.		Cat. No. Super Erecta Brite	Cat. No. Chrome	Cat. No. Stainless
	(in.)	(mm)	(in.)	(mm)	(lbs.)	(kg)			
14	355	24	610	6	2.7	1424BR	1424NC	1424NS	
14	355	30	760	7	3.2	1430BR	1430NC	1430NS	
14	355	36	910	8	3.6	1436BR	1436NC	1436NS	
14	355	42	1060	9½	4.3	1442BR	1442NC	1442NS	
14	355	48	1220	10½	4.7	1448BR	1448NC	1448NS	
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18	455	42	1060	11	5.0	1842BR	1842NC	1842NS	
18	455	48	1220	12	5.4	1848BR	1848NC	1848NS	
18	455	54	1370	14½	6.6	1854BR	1854NC	1854NS	
18	455	60	1525	17	7.7	1860BR	1860NC	1860NS	
18	455	72	1825	20	9.1	1872BR	1872NC	1872NS	
21	530	24	610	8	3.6	2124BR	2124NC	2124NS	
21	530	30	760	9	4.1	2130BR	2130NC	2130NS	
21	530	36	910	11	5.0	2136BR	2136NC	2136NS	
21	530	42	1060	12	5.4	2142BR	2142NC	2142NS	
21	530	48	1220	14	6.4	2148BR	2148NC	2148NS	
21	530	54	1370	16	7.6	2154BR	2154NC	2154NS	
21	530	60	1525	18	8.2	2160BR	2160NC	2160NS	
21	530	72	1825	24	10.9	2172BR	2172NC	2172NS	
24	610	24	610	9	4.1	2424BR	2424NC	2424NS	
24	610	30	760	11	5.0	2430BR	2430NC	2430NS	
24	610	36	910	13	5.9	2436BR	2436NC	2436NS	
24	610	42	1060	15	6.8	2442BR	2442NC	2442NS	
24	610	48	1220	16	7.3	2448BR	2448NC	2448NS	
24	610	54	1370	18	8.6	2454BR	2454NC	2454NS	
24	610	60	1525	21	9.5	2460BR	2460NC	2460NS	
24	610	72	1825	26	11.8	2472BR	2472NC	2472NS	

NOTE: For Metroseal shelving information see sheet No. 10.10.

"S" Hooks

Used to "add-on" shelving units with only two posts required.
Cat. No. 9995Z

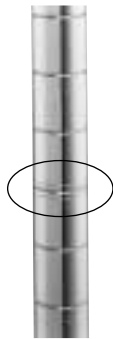


SiteSelect™ Posts

Height*	Approx. Pkd. Wt.	Cat. No. Plated	Cat. No. Stainless		
				(in.)	(mm)
7 ⁵ / ₈	190	1/2	0.2	7P	
14 ¹ / ₂	368	1	0.5	13P	13PS
28 ¹ / ₂	724	1¾	0.75	27P	27PS
34 ¹ / ₂	876	2	0.9	33P	33PS
54 ⁹ / ₁₆	1386	3	1.4	54P	54PS
62 ⁹ / ₁₆	1589	3½	1.6	63P	63PS
74 ⁵ / ₈	1895	4	1.8	74P	74PS
86 ⁵ / ₈	2200	5	2.3	86P	86PS

*Height includes leveling bolt and cap.

SiteSelect™ Posts are grooved at 1" (25mm) increments and numbered at 2" (50mm) increments. Posts are triple-grooved every 8" (203mm) for easy identification.



Important: When ordering by components remember that stability decreases as the ratio of height to width increases. Units should be kept as wide and low as possible. With 14" shelving, foot plates should be used and secured to the floor on free-standing units; on mobile units, maximum post height is 54".

Manufactured by:
InterMetro Industries Corp.
North Washington Street
Wilkes-Barre, PA 18705

Phone 717-825-2741
FAX 717-825-2852
For Product Information, call 1-800-433-2232
For Customer Service, call 1-800-992-1776



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com

L02-006
Rev. 3/98 BJ
Printed in U.S.A.
Information and specifications are subject to change without notice. Please confirm at time of order.



Item # _____

Job _____

MetroTrux™ BULK AND CONVERTIBLE LINEN TRUX

MetroTrux™ are constructed of an advanced polymer material that is solid and durable, so they will endure tough challenges. And because they will not rust, corrode, dent, flake, chip or peel, they will provide you with years of reliable service. Lightweight yet rugged construction is forgiving, so MetroTrux will not damage walls or doorways.

- **Aesthetic:** Bulk and Convertible Linen Trux offer a professional, pleasing appearance in the healthcare environment. Standard charcoal blue color.
- **Easily Maneuverable:** Lightweight construction and molded hand grips make steering easy. Smooth rolling casters roll effortlessly, even over uneven surfaces.
- **Cleans Easily:** Unique cart construction, combined with standard drain holes on the bottom of the cart, allows for easy washing and drainage.
- **Convertible Linen Trux** offer the only integral, convertible shelving system in a polymer truck. By positioning the two folding shelves either horizontally or vertically, three different truck configurations become possible.
 1. Folding shelves can be positioned horizontally for easy transport of, and accessibility to, fresh linen.
 2. Folding shelves can be positioned vertically – dropped to become, in essence, an enclosure panel – creating a spacious rolling bin for the collection and the transportation of soiled linen.
 3. While folding shelves are in a vertical position, the lower folding shelf can be flipped out and up, enabling contents to be unloaded with a minimum amount of handling.
- **Bulk Trux:** Available in 48 (1.4 cubic meters) cubic foot capacity, Bulk Trux provide the perfect solution for storage and transport of bulky, hard to handle items. Use for transport of laundry within the hospital, from a commercial laundry to the hospital, or to transport bulk supplies such as I.V. bags and admission kits.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705

Advanced Polymer Design



Bulk Trux
Standard Color – Charcoal Blue



Convertible Linen Trux
Standard Color – Charcoal Blue



MetroTrux™ Bulk and Convertible Linen Trux

31.42

Job _____

MetroTrux™ BULK AND CONVERTIBLE LINEN TRUX



Specifications:

Dolly: Zinc-plated, heavy-gauge steel. Brake formed channel; welded construction.

Casters: 400 lbs. (182 kg)/caster. 6" (150mm) wheel with 2" (50mm) tread. Roller bearings; medium heavy-duty, swivel or rigid.

Color: Standard color for Bulk and Convertible Linen Trux is charcoal blue.



Convertible Linen Trux

Dimensions:

Bulk Trux

Cat. No.	Description	6" (150mm) Casters	Width		Length		Height	
			(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
BT48	48 cu. ft. capacity (1.4m ³)	4 swivel	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220
BT48A	48 cu. ft. capacity (1.4m ³)	2 swivel, 2 rigid	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220

Convertible Linen Trux

Cat. No.	Description	6" (150mm) Casters	Width		Length		Height	
			(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
CLT48	48 cu. ft. capacity (1.4m ³)	4 swivel	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220
CLT48A	48 cu. ft. capacity (1.4m ³)	2 swivel, 2 rigid	68 ¹ / ₄	1735	28 ¹ / ₄	725	48	1220

Note 1: Standard color for Bulk and Convertible Linen Trux is charcoal blue.

Note 2: Drain holes are standard on Bulk and Convertible Linen Trux. If drain holes are not desired, indicate at time of order.

Manufactured by:



InterMetro Industries Corporation

North Washington Street, Wilkes-Barre, PA 18705

Phone: 570-825-2741 • Fax: 570-825-2852

For Product Information Call: 1-800-433-2232

Visit Our Web Site: www.metro.com

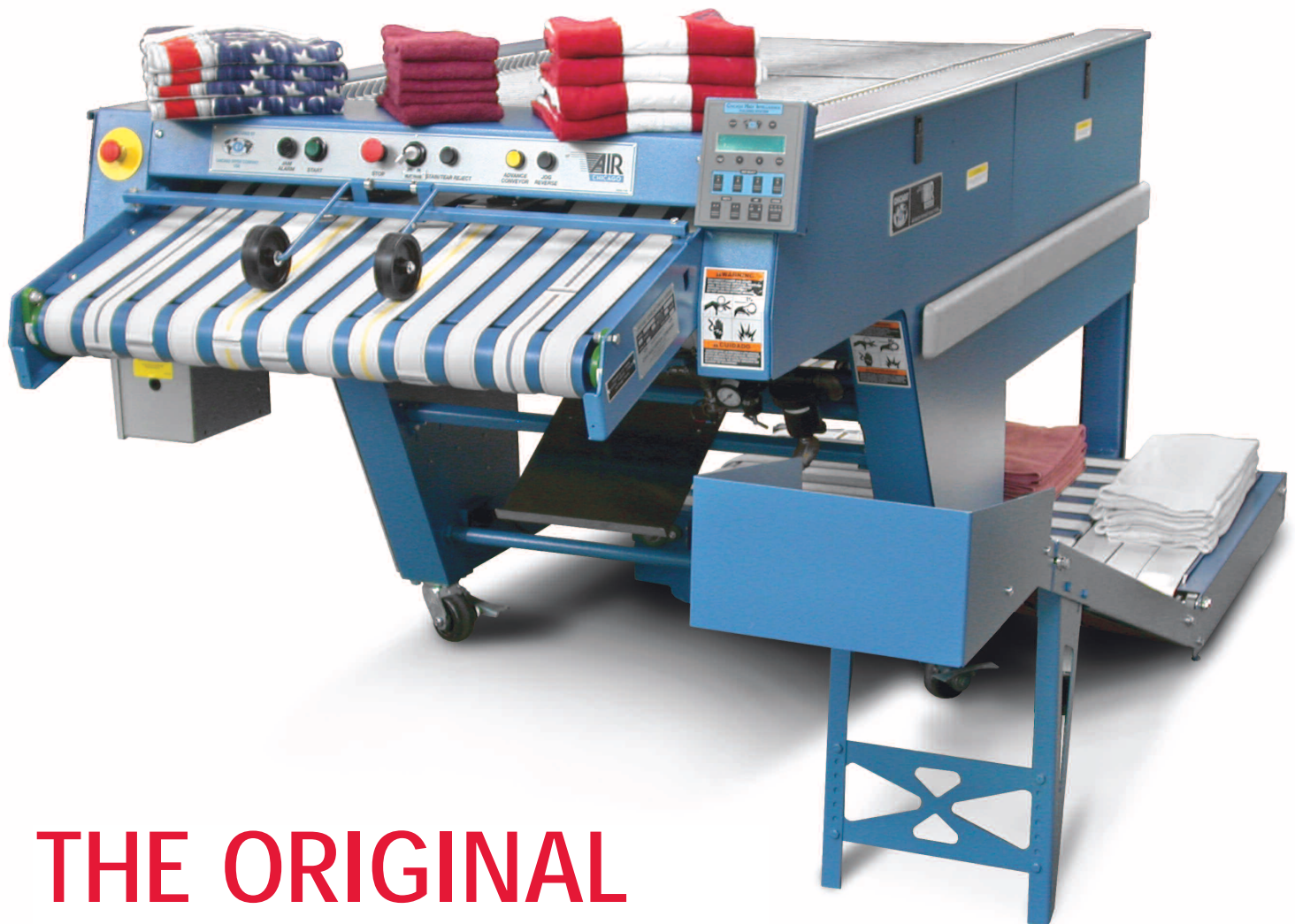
L02-164A
Rev. 11/00
Printed in U.S.A.

Information and specifications are subject to change without notice. Please confirm at time of order.

AIR CHICAGO

America's Most Popular Small Piece Folder

CHICAGO®



THE ORIGINAL

AIR INDUCED RESPONSE FOLDER SERIES

For those who demand the best in folding precision, dependability, and state-of-the-art control, Air Chicago is as precise and consistent folding pool towels for five star hotels as it is for blankets and patient apparel in healthcare facilities. In addition to the standard Air Chicago model which has been America's best selling towel folder since its introduction, the series now has five models to meet the needs of healthcare, hospitality, and commercial laundries by processing the widest variety of items in the industry.

Air Chicago
Air Chicago XL and XXL
Air Chicago Slim
Air Chicago Triple Sort

Chicago revolutionized French style folding when it developed and patented the original Air Chicago design in 1991. Customer satisfaction has fueled the growth in demand for Chicago-style Air Induced Response folding. That demand has led to the creation of the models you see in the table below. Today, these

automated labor-savers handle everything from hand towels to bathmats to large thermal blankets. Because each model builds upon the original Air Chicago concept, you're assured of the maximum speed, accuracy and reliability that has made Air Chicago #1 in its class – regardless of which model you choose.

Textiles		Piece Size	
		Minimum	Maximum
AIR CHICAGO	Towels (Bath, Hand and Pool), Pads, Bathmats, Baby Blankets, Gowns, Scrubs and Apparel	16 x 20" (400 x 500mm)	36 x 72" * (915 x 1830mm)
AIR CHICAGO XL	Same as standard Air Chicago plus Bath/ Thermal Blankets up to 96" (2400mm) long	16 x 20" (400 x 500mm)	36 x 96" * (915 x 2400mm)
AIR CHICAGO XXL	Same as XL Air Chicago plus Bath/ Thermal Blankets up to 108" (2740mm) long	22 x 24" (560 x 600mm)	36 x 108" * (915 x 2740mm)
AIR CHICAGO SLIM	Bath and Hand Towels, Bib Aprons	15 x 18" (375 x 450mm)	30 x 52" (750 x 1300mm)
AIR CHICAGO TRIPLE SORT	Bath and Hand Towels, Bathmats	16 x 20" (400 x 500mm)	40 x 72" (1020 x 1830mm)

*Optional Extra-wide (XW) width available - 48" (1200mm)

Piece size and item type guidelines This chart is to be used as a reference for understanding the capabilities of each Air Chicago model. Please consult your local Chicago professional or the factory for processing other item sizes or types.

Samples Because the range of available item fabrics, sizes, and specifications is always changing, if there is a question as to which Air Chicago model will most efficiently process a particular item, you are invited to send samples to the factory where they will be folded and returned to demonstrate the results and confidence we have in the Air Chicago series.

Standard on All Air Chicago Models: A Complete Package of Convenience and Efficiency Features

- Split input conveyor allows faster, easier and more accurate feeding than ever
- Switch allows operator to select continuously running feed input conveyor or special auto pacing feed input conveyor with automatic pause
- Crossfolds items once or twice into halves, thirds, or quarters
- Primary folding may be bypassed for direct crossfolding of items such as bathmats or surgical pants
- Folded items are stacked on delivery conveyor which can be installed in a choice of discharge directions
- **CHI** microprocessor with alpha-numeric message screen for set-up, operating, testing, and diagnostic functions
- Powered item width adjustment
- All measurements made by reliable photosensor with LED status indicator
- Total piece counts displayed by item category on **CHI** message screen
- Stop buttons, interlocked panels, 24 volt controls and bilingual/pictorial safety labels
- Stain/tear reject button discharges these items separately
- Auto jam shutdown with audible jam alarm and jog reverse features
- Air pressure regulators for each folding section assure peak performance
- Locking casters allow unit to be easily moved for maintenance access
- Optional red/green production pacing lights can be programmed to desired feed rate for easy monitoring of operator efficiency





The Original Air Chicago

Air Induced Response – A Better Idea

Folders have traditionally formed a French (one-third primary) fold by moving the towel or other item over a mechanical slide mechanism which directs it into a folded configuration. This method is not consistently accurate on all item sizes and thicknesses because it is dependent on a changing relationship between mechanical components, and is always working against gravity, friction, and the natural geometry of each item. These limitations cause the inconsistencies, jamming, and “fishtail” effect often found on French folders using mechanical blades.

To eliminate these problems, Chicago developed and patented the first French folder that works in a totally different way. When an operator selects the items to be processed, the **CHI** microprocessor takes over and determines the correct number, type, and width of primary fold and crossfolds, as well as proper stack height. As the item is fed by the operator onto a conveyor field, **CHI** tracks it and directs a series of precise air pulses through an air permeable barrier to perform a French or one-half primary fold. Because the item is flat and fully extended when folds are made, all primary folds are crisp and straight. The item then continues to the crossfold section where air pulses automatically make the correct number of crossfolds before discharging neatly folded items onto the stacker and conveyor for delivery to desired discharge point at front, rear or side of folder.

After the pre-determined stack height is reached, **CHI** advances the completed stack towards the end of the conveyor for operator removal or direct transfer to a master conveyor system. Air Chicago's continuous monitoring system and blade-free air pulse folding ensure that pieces are accurately folded so that costly refolding is not required.



AIR CHICAGO will crisply and accurately French fold and crossfold bath, hand or pool towels and gowns of all sizes into quarters, thirds, or halves. (Rear return configuration shown)

Chicago High Intelligence (CHI)



CHI is the first finishing control that successfully integrates the power of an advanced microprocessor with a message display and operator panel that anyone can easily use. During installation, a library of factory-programmed item descriptions is used to set up the correct number and style of folds for each item type to be processed. **CHI** stores all folding variables, including air pulse patterns,

air pressure, speed, conveyor movements, and stack heights to produce the best finished package for each item type. With the push of a button, Air Chicago can also be manually controlled at any time.

Item description, folding functions, category piece counts, and testing/diagnostic functions are clearly displayed on **CHI's** bright vacuum fluorescent message screen to guide both operators and maintenance staff. If there is a problem, **CHI** pinpoints the area and alerts operators audibly and through the message screen so prompt action

can be taken. To analyze its performance, maintenance staff can run individual test sequences for each fold function and make needed adjustments through the message screen. There are no codes to memorize, complicated numeric keypads to learn, or difficult ladder logic to follow.

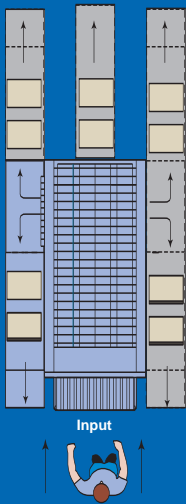
To ensure the system's integrity and ease of operation, Chicago designs and manufactures its own electronic hardware and software. Superior processing power makes **CHI** faster, more versatile, and “smarter” than off-the-shelf PLC's used by manufacturers without the capacity to design and build their own electronics. **CHI** features include the power to customize folding parameters and speed for each item type to increase the quality and volume of finished pieces.

CHI control is also used on Chicago's other high production feeders, ironers and folders so operators and maintenance staff only need to learn one simple system to manage the laundry's entire finishing area.

**Air Chicago
XL**

**Air Chicago
XXL**

All Air Chicago models may be set up in the field for front or rear discharge. Arrows in diagram illustrate possible stack flow directions.



Air Chicago XL and XXL – Large Piece Folding

In addition to towels and gowns, Air Chicago XL and XXL will also efficiently fold a wide variety of larger and thicker hospital and institutional items such as bath and thermal blankets and pads.

To fold a wider range of larger items, Air Chicago XL and XXL use an extended folding platform, a sophisticated timing and switching sequence, and a sectionalized air delivery system to process larger items. Using XL or XXL, one person can fold and stack bath or thermal blankets that require a folding field larger than 36 x 72" (915 x 1830 mm). XL model folds items up to 96" (2400 mm) long, while the XXL folds items up to 108" (2740 mm) long. When processing items that are wider than the 36" (915 mm) folding field, the operator folds the item once lengthwise when feeding. All Air Chicago models are also available in Extra Wide (XW) models to accommodate items up to 48" (1200 mm) wide, [96" (2400 mm) wide before prefolding]. Two operators may also be used to feed XL or XXL in an alternating pattern to achieve folded blanket production rates comparable to the fastest automated feeder/folder combination.

The flexibility to fold blankets as well as towels, gowns, and pads makes Air Chicago XL and Air Chicago XXL the most versatile folders available. For laundries with large quantities of bath/thermal blankets, one person can fold blankets using one-third the floorspace and capital investment of a separate feeding device and folder. Their flexibility also makes XL and XXL ideal for laundries without enough blankets to justify an automatic folder, but that do have sufficient work to achieve real cost savings when the volume of towels, gowns, pads, and blankets is combined and folded by one machine. This makes the pay-back period of these models extremely attractive for more users than ever.



Bridge the Gap...

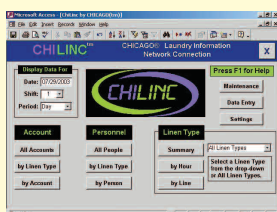
to Smoother Linen Flow, Reduced Manual Handling and Better Stack Quality



The Bridge linen transition conveyor neatly transfers stacks of folded linen from a large piece or towel folder onto a master linen conveyor system. After receiving stacked linen directly from a folder's discharge conveyor, the Bridge's motor-driven roll advances the stack across its heavy duty mini-conveyor. A belt drive system moves the stack and mini-conveyor to a position extended slightly above the master conveyor. Linen is moved forward by motor-driven ribbons and automatically unloaded onto the master conveyor as the Bridge retracts to its original position – ready for the next stack. The result is neatly and correctly positioned stacks successfully merged into the flow of the master conveyor without tipping or colliding with stacks from other production lines.



CHILINC (Chicago Laundry Information Network Connection)



Using the CHI Panel microprocessor and proven networking technologies, CHILINC is an automatic data recording and reporting system that connects a laundry's management team to all of its flatwork finishing equipment. Current and historical production data, piece counts, operator efficiency rates, and individual machine utilization factors give managers the information they need about their equipment and their people so that high-quality finished linen of all types can be consistently produced as cost-effectively as possible.





Air Chicago Slim Towel, Gown, Apron Folder/Stacker

Now there is a compact member of the Air Chicago family specifically designed for aprons, in addition to towels and other small items normally processed through a towel folder.

Air Chicago Slim has the ability to fold and crossfold aprons, as well as towels and other items with a minimum piece size of 15 x 18" (375 x 450mm) and a maximum piece size of 30 x 52" (750 x 1300mm). Slim offers a narrower machine footprint than the market-leading "standard" Air Chicago for laundries with limited space while still being able to accommodate and process pieces up to 30" wide. Items may be primary French folded (one-third), or with a half primary fold with up to two crossfolds. Slim also has the ability to bypass primary folds and perform crossfolds only, if desired. Like the "standard" Air Chicago, all folding, programming and diagnostic functions on Slim are controlled by **CHI** microprocessor for effortless use by operators and maintenance staff.

To handle the difficult job of folding aprons, Slim offers specially designed reversing conveyors and the ability to tuck apron neck and strings into the fold while the item is

moving or briefly paused for a neater finished package. Aprons as well as other items can be inspected/graded by the operator using the pushbutton stain/tear reject system to separately discharge items for reprocessing.

Slim also features a special retracting stack transfer conveyor that smoothly moves folded stacks of items from the drop conveyor to the discharge conveyor for a consistent 90° item transition.

In the field, it is also possible to use multiple machines (up to four across) on the back of an ironer to automatically receive and fold ironed small pieces (including aprons) for folding/stacking.



AIR CHICAGO SLIM is the newest model of the Air Chicago family specifically designed for aprons, towels, and other small to medium sized items, as well as laundries with limited floorspace.



Triple Sorting Flexibility

For laundries that desire automatic post-sorting ability, Air Chicago Triple Sort combines the convenience of automatic three way sorting with the folding accuracy, speed, and dependability for which the Air Chicago Series is well-known. Air Chicago Triple Sort enables an operator to randomly feed up to three different size towels or gowns for folding. As items are loaded, the folder's input ramp can pause briefly (without interrupting other folding and conveyor functions), before **CHI** advances the item to the automatically adjustable folding bed for a crisp and accurate French fold. **CHI** microprocessor automatically determines the item type, chooses and performs the correct fold pattern, and directs the folded item to one of three internal drop zones for stacking with like items in pre-selected stack heights. (Consult factory for stack size limitations.)

After each stack is completed, it is advanced to an attached discharge conveyor set up to deliver completed stacks to the front or rear of unit at the left or right side. An optional second discharge conveyor can be added to allow two-way work flow to front or rear.



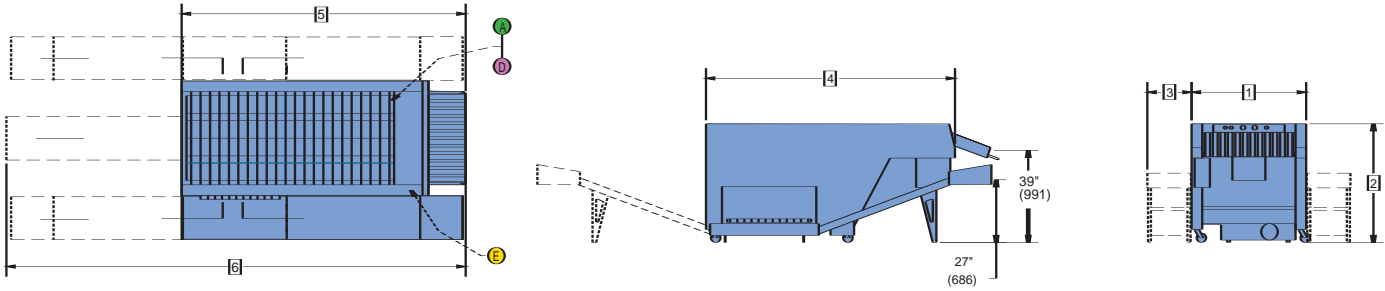
More Speed When You Need It When auto sorting is not required because only one size is being processed, Air Chicago Triple Sort may be operated in a continuously running "non sort" mode (like a standard Air Chicago) to maximize speed and output. Most importantly, items are accurately folded to the precise tolerances that have made Air Chicago the standard by which all towel and gown folders are judged.

Dimensions

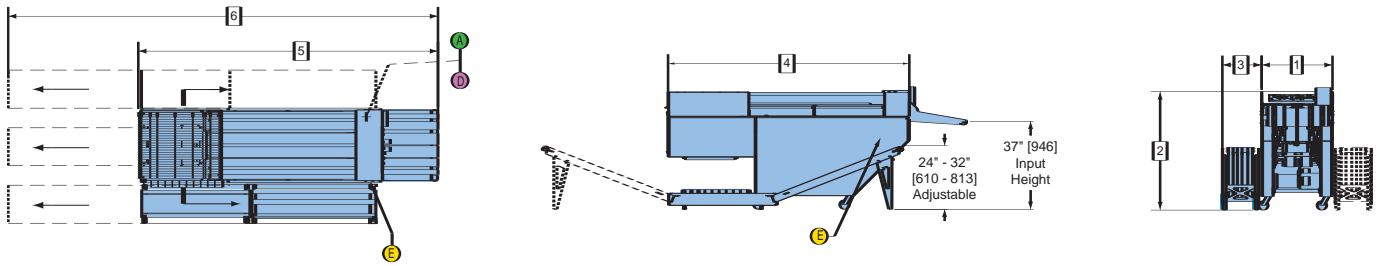
NOTES

1. Conveyor discharge (shown in top view) can be arranged for left, center or right rear discharge, or a choice of left or right front discharge.
2. Millimeter dimensions in parenthesis.
3. Specifications subject to change without notice. Consult factory for certified construction floor plan.

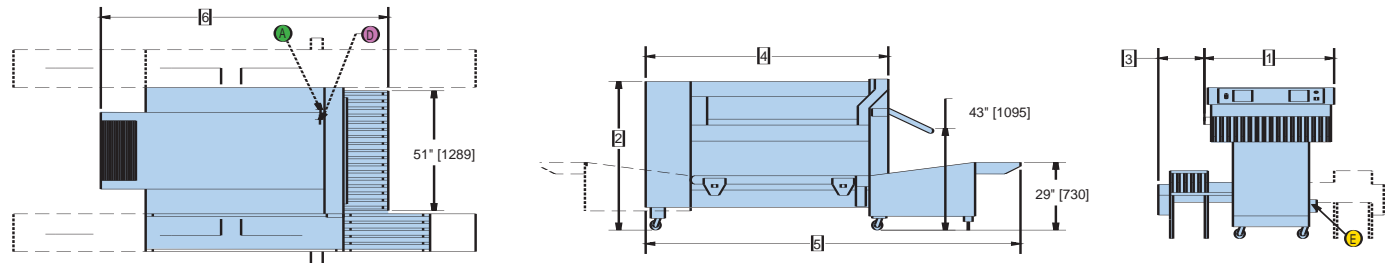
Air Chicago • Air Chicago XL • Air Chicago XXL • Air Chicago XW



Air Chicago Slim



Air Chicago Triple Sort



Connection(s)	Diag.	Height	Height	Height	Height	Height	Height
	All Models	Air Chicago	Air Chicago XL	Air Chicago XXL	Air Chicago XW	Air Chicago Slim	Air Chicago Triple Sort
E Electrical Connection		31" (787)	31" (787)	31" (787)	31" (787)	35" (889)	16-1/2" (419)
A Air Connection	1/2"	29-1/2" (749)	13" (330)	13" (330)	29-1/2" (749)	25" (635)	13" (330)
D Compressed Air Drain	1/4"	23" (584)	7-1/2" (191)	7-1/2" (191)	23" (584)	20" (508)	10" (254)

Dimensions	Air Chicago	Air Chicago XL	Air Chicago XXL	Air Chicago XW	Air Chicago Slim	Air Chicago Triple Sort
	1	50" (1270)	50" (1270)	50" (1270)	57" (1448)	30" (762)
2	49" (1245)	49" (1245)	49" (1245)	49" (1245)	50" (1270)	64" (1626)
3	19" (483)	19" (483)	19" (483)	19" (483)	16" (406)	20" (508)
4	105" (2667)	125" (3175)	139" (3531)	105" (2667)	102" (2596)	103" (2616)
5	119" (3023)	139" (3531)	153" (3886)	119" (3023)	115" (2921)	160" (4064)
6	194" (4920)	215" (5453)	228" (5796)	194" (4920)	183" (4640)	123" (3124)

Shipping Dimensions
Air Chicago - 128"L x 59"W x 57"H @ 2256 lbs.
Air XL - 148"L x 59"W x 57"H @ 2500 lbs.
Air XXL - 157"L x 59"W x 57"H @ 2700 lbs.
Air XW - 148"L x 71"W x 59"H @ 2300 lbs.
All conveyors for above - 128"L x 26"W x 40"H @ 350 lbs.
Air Slim - 128"L x 44"W x 57"H @ 1800 lbs. w/conveyor - 128"L x 23"W x 40"H @ 350 lbs.
Air Triple Sort (ships as one piece - with the conveyor under the machine) - 120"L x 77"W x 68"H @ 2500 lbs.

A Complete Range of Feeding, Ironing and Folding Solutions

Because CHICAGO specializes only in flatwork finishing equipment, it offers the world's widest range of high production separating, feeding, ironing, folding, and sorting equipment. Complete flatwork finishing systems range from automated multi-roll systems producing over 2000 pounds per hour to compact ironers for small on-premise laundries.

Chicago's performance record is unmatched in thousands of installations in commercial, textile rental, institutional, and on-premise laundries. An experienced Chicago professional will be pleased to make an objective equipment recommendation based on your production, space, utility, and budget requirements. Contact your local Chicago distributor or the factory sales assistance office for a no-obligation analysis of your needs.



CHICAGO DRYER COMPANY
2200 North Pulaski Road
Chicago, Illinois 60639-3737 USA

Phone • 773.235.4430
Fax • 773.235.4439
Web • www.chidry.com
Email • chicago@chidry.com



Item # _____

Job _____



Wire Shelving

SUPER ERECTA SHELF® WIRE SHELVING

- **Unique Design:** The open wire design of these shelves minimizes dust accumulation and allows free circulation of air, greater visibility of stored items and greater light penetration.
 - **Durable Construction:** Super Erecta shelves and posts are constructed of heavy-gauge carbon steel or Type 304 stainless steel.
 - **Choice of Finishes:** Super Erecta Brite™ and chrome-plated for dry storage; Metroseal 3™ with Microban® antimicrobial product protection and stainless steel for corrosive environments; and attractive epoxy color options for merchandising applications.
 - **Versatile:** Super Erecta Shelf® wire shelving can adapt to your changing needs. By using various accessories, hundreds of shelving configurations become possible.
 - **Fast, Secure Assembly:** SiteSelect™ Posts have a double groove visual guide feature every 8" (203mm), circular grooves at 1" (25mm) increments, and are numbered at 2" (50mm) intervals. A patented, tapered split sleeve snaps together around each post. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelf is assembled in minutes without the use of any special tools.
 - **Adjustability:** Shelves can be adjusted at 1" (25mm) intervals along the entire length of the post.
 - **Shelf Ribs:** Run front to back, allowing you to slide items on and off shelves smoothly.
 - **Shelf Accessibility:** Shelves can be loaded/unloaded easily from all sides. This open construction allows maximum use of storage cube.
 - **Adjustable Feet:** Bolt levelers compensate for surface irregularities.
- Note:** Stainless stationary posts are equipped with stainless steel leveling feet.



*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.

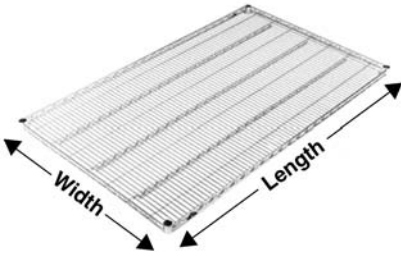


InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



10-01

Wire Shelves



Split Sleeve



Aluminum Split Sleeve

- **Metroseal 3:** Metro's proprietary epoxy coating contains Microban® antimicrobial product protection. Microban antimicrobial protects the epoxy coating from bacteria, mold, mildew, and fungus that cause odors, stains, and product degradation.
- See spec sheet 10.14 for epoxy color options.
- Plastic split sleeves are included with each shelf
Replacements are available: Cat. No. 9985 (bag of 4)
- Aluminum split sleeves are recommended for abusive mobile applications and autoclave applications.
Cat. No. 9986Z (bag of 4 with zinc C-rings)
Cat. No. 9986S (bag of 4 with stainless steel C-rings)
- Load capacity (evenly distributed) per shelf
Depths: 14" to 24" (355 to 610mm)
800 lbs. (363kg) for lengths of 18" to 48" (457 to 1219mm)
600 lbs. (272kg) for lengths of 54" (1370mm) or longer
- Load capacity (evenly distributed) per unit.
Stationary shelving units have a maximum load capacity (evenly distributed) of 2,000 lbs. (907kg)
Mobile units have a maximum capacity of three times the caster load rating up to but not exceeding 1,000 lbs. (453kg) total. Consult the Metro catalog for caster load ratings
- SUPER ERECTA SHELF meets Government Specifications MIL-S-40144E.

Model No. Super Erecta Brite	Model No. Chrome	Model No. Metroseal 3 with Microban®	Model No. Stainless	Nominal Width/Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)
1424BR	1424NC	1424NK3	1424NS	14x24 355x610	6 2.7
1430 BR	1430NC	1430NK3	1430NS	14x30 355x760	7 3.2
1436BR	1436NC	1436NK3	1436NS	14x36 355x914	8 3.6
1442BR	1442NC	1442NK3	1442NS	14x42 355x1066	9½ 4.3
1448BR	1448NC	1448NK3	1448NS	14x48 355x1219	10½ 4.7
1460BR	1460NC	1460NK3	1460NS	14x60 355x1524	14 6.3
1472BR	1472NC	1472NK3	1472NS	14x72 355x1829	17 7.7
1824BR	1824NC	1824NK3	1824NS	18x24 457x610	7 3.2
1830BR	1830NC	1830NK3	1830NS	18x30 457x760	8 3.6
1836BR	1836NC	1836NK3	1836NS	18x36 457x914	9½ 4.3
1842BR	1842NC	1842NK3	1842NS	18x42 457x1066	11 5.0
1848BR	1848NC	1848NK3	1848NS	18x48 457x1219	12 5.4
1854BR	1854NC	1854NK3	1854NS	18x54 457x1370	14½ 6.6
1860BR	1860NC	1860NK3	1860NS	18x60 457x1524	17 7.7
1872BR	1872NC	1872NK3	1872NS	18x72 457x1829	20 9.1
2124BR	2124NC	2124NK3	2124NS	21x24 530x610	8 3.6
2130BR	2130NC	2130NK3	2130NS	21x30 530x760	9 4.1
2136BR	2136NC	2136NK3	2136NS	21x36 530x914	11 5.0
2142BR	2142NC	2142NK3	2142NS	21x42 530x1066	12 5.4
2148BR	2148NC	2148NK3	2148NS	21x48 530x1219	14 6.4
2154BR	2154NC	2154NK3	2154NS	21x54 530x1370	16 7.3
2160BR	2160NC	2160NK3	2160NS	21x60 530x1524	18 8.2
2172BR	2172NC	2172NK3	2172NS	21x72 530x1829	24 10.9
2424BR	2424NC	2424NK3	2424NS	24x24 610x610	9 4.1
2430BR	2430NC	2430NK3	2430NS	24x30 610x760	11 5.0
2436BR	2436NC	2436NK3	2436NS	24x36 610x914	13 5.9
2442BR	2442NC	2442NK3	2442NS	24x42 610x1066	15 6.8
2448BR	2448NC	2448NK3	2448NS	24x48 610x1219	16 7.3
2454BR	2454NC	2454NK3	2454NS	24x54 610x1370	19 8.6
2460BR	2460NC	2460NK3	2460NS	24x60 610x1524	21 9.5
2472BR	2472NC	2472NK3	2472NS	24x72 610x1829	26 11.8

Note: 14" (355mm) deep units.
Free-standing units: Foot plates should be used and secured to the floor.
Mobile units: maximum allowable post height is 54" (1370mm).

SiteSelect™ Posts

Stationary Posts

Stationary posts are equipped with a leveling bolt to account for uneven floors.

- Height includes leveling bolt (completely tightened) and post cap Leveling bolt can be adjusted 1/2" (13mm).
- Foot plates may be ordered separately and installed in place of leveling foot.
- Replacement leveling bolts
Zinc Cat. No. RPF04-004 Stainless Steel Cat. No. RPF04-004C
- Replacement post cap for standard posts
Black Cat. No. RPC06-035



SiteSelect Posts feature double grooves every 8" (203mm) to aid assembly.

Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
7P			7 ³ / ₈	187	1/2	0.3
13P	13PK3	13PS	14 ³ / ₈	365	1	0.5
27P		27PS	28 ³ / ₈	720	1 ³ / ₄	0.75
33P	33PK3	33PS	34 ³ / ₈	873	2	0.9
54P	54PK3	54PS	54 ⁷ / ₁₆	1382	3	1.4
63P	63PK3	63PS	62 ⁷ / ₁₆	1585	3 ¹ / ₂	1.6
74P	74PK3	74PS	74 ¹ / ₂	1892	4	1.8
86P	86PK3	86PS	86 ¹ / ₂	2197	5	2.3
*96P			96 ¹ / ₂	2450	5 ¹ / ₂	2.5

*96P should not be used on units less than 24" (610mm) deep. Consult Metro Engineering for alternate recommendations.

Mobile Posts (For use with Stem Casters)

- Height includes post cap.

Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
27UP		27UPS	27 ³ / ₄	704	1 ³ / ₄	0.75
33UP	33UPK3	33UPS	33 ³ / ₄	857	2	0.9
54UP	54UPK3	54UPS	53 ¹³ / ₁₆	1366	3	1.4
63UP	63UPK3	63UPS	61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6
	70UPK3		69 ³ / ₄	1771	3 ³ / ₄	1.7
74UP	74UPK3	74UPS	73 ⁷ / ₈	1876	4	1.8
86UP	86UPK3	86UPS	85 ⁷ / ₈	2181	4 ¹ / ₂	2.0

Staked Posts (For use with Truck Dollies)

- Each post connects to the truck dolly through the stem receptacle. The stem receptacle is staked into the bottom of the post to ensure a durable connection in abusive mobile applications.
- Each includes a leveling/connecting bolt.

Model No. Chrome	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
		(in.)	(mm)	(lbs.)	(kg)
54P-STKD	54PS-STKD	54 ⁷ / ₁₆	1382	3	1.4
63P-STKD	63PS-STKD	62 ⁷ / ₁₆	1585	3 ¹ / ₂	1.6
74P-STKD	74PS-STKD	74 ¹ / ₂	1892	4	1.8

Swedged Posts (For use with Stem Casters in Cart Wash Applications)

- Each post has an aluminum cap swedged into the top of the post.

Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
33UPS-SW	33 ³ / ₄	857	2	0.9
54UPS-SW	53 ¹³ / ₁₆	1366	3	1.4
63UPS-SW	61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6

Special Length Posts

Special length cut posts are available. Consult your Metro representative for more information.



SUPER ERECTA SHELF® WIRE SHELVING

Super Wide Shelving

- **High-density Storage:** Super Wide™ shelves have a greater storage area for holding large quantities of supplies, especially large, bulky objects, providing maximum storage in minimum space.
- **Load Capacity** (evenly distributed) per shelf:
Depths: 30" and 36" (760 and 914mm)
600 lbs. (272kg) for lengths 48" (1219mm) or shorter.
400 lbs. (181kg) for lengths 54" (1370mm) or longer.



Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Nominal Width/Length		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
3036NC	3036NK3	3036NS	30x36	760x914	15	6.8
3048NC	3048NK3	3048NS	30x48	760x1219	21	9.5
3060NC	3060NK3	3060NS	30x60	760x1524	26 ^{1/2}	11.8
3072NC	3072NK3	3072NS	30x72	760x1829	31	14.0
3636NC	3636NK3	3636NS	36x36	910x914	18	8.2
3648NC	3648NK3	3648NS	36x48	910x1219	23	10.4
3660NC	3660NK3	3660NS	36x60	910x1524	29	13.1
3672NC	3672NK3	3672NS	36x72	910x1829	34 ^{1/2}	15.4

Foot Plates

- Use to bolt units to the floor, or when a broader, more stable foot is desired. Foot plates also help to protect floors by distributing the point load of the shelving unit across a larger contact point.
- Foot plates (completely tightened) add 1/8" (3mm) to the specified heights of each stationary post on the table.
Zinc Cat. No. 9993Z
Stainless Steel Cat. No. 9993S



"S" Hook

- Used to add on shelving units with only two posts required. Order two per shelf level.
Cat. No. 9995Z



All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation
North Washington Street, Wilkes-Barre, PA 18705
Phone: 570-825-2741
Fax: 570-825-2852

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Asia/Pacific: +65.6567.8003
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Trophon EPR

Distributed exclusively by GE Healthcare, the Trophon® EPR is a complete ultrasound transducer High-Level Disinfection system that's fast, easy to use, environmentally friendly and quality assured. It uses a unique platform technology to effectively disinfect the transducer, including the shaft and handle—in just seven minutes between patients.

When used as directed the Trophon EPR meets guidelines set forth by the FDA and CDC for High-Level Disinfection. For sale in the U.S. and Canada only.



Trophon EPR
Catalog # E8350NA

Accessories

The Trophon EPR can stand alone or for convenient point-of-care options, we offer both the Trophon Mobile Cart and Wall Mount solution.



Trophon Mobile Cart
Catalog # E8350NH
34.5" H x 20" W x 20.5" D
45 lbs. 21 kg.



Trophon Wall Mount
Catalog # E8350NG
8.6" H x 6.7" W x 2.0" D
3 lbs. 1.35 kg.

Consumables

We are your one-stop shop for Trophon EPR consumable supplies.



Trophon Sonex-HL™
Catalog # E8350NJ
6 cartridges/box
Approx. 240 cycles



Trophon Chemical Indicators
Catalog # E8350NC
300/pkg.
1" 26 mm



System specifications

System Specifications	
Cycle Time	7 minutes
Cycle Verification	Via User Screen, Chemical Indicator and Electronic Log.
Sonex-HL	Minimum Concentration 31.5% Minimum Disinfectant Dose 1.0 g Volume – 80 ml, approx. 40 cycles/cartridge Shelf Life – 2 years
Chemical Indicators	The Chemical Indicators are used exclusively for monitoring the High-Level Disinfection process when placed within the Trophon EPR chamber. Refer to the Chemical Indicator Color Assessment Chart for cycle verification information.
Probe Compatibility	Please check with your transducer manufacturer regarding compatibility with the Trophon EPR. You can also find a validated transducer list at www.trophon.com
Electrical Specifications	
Electrical Requirements	Input Voltage: 120V AC Input Current: 5 Amp/50-60 Hz
Agency Approvals	UL61010-1:2004 R10.08, IEC61010-2-040:2005, CAN/CSA-C22.2 NO. 61010-1-04+G11 (R2009), CAN/CSA-C22.2 NO. 61010-2-040-07
EMC Compliance	EN61326-1:2006 FCC Rules Part 15 Subpart B Unintentional Radiators, Class B Digital Devices ANSI C63.4:2009
Mechanical Specifications	
Trophon EPR	19.3" H x 13.6" W x 13.6" D / 38 lbs. 490 mm x 345 mm x 345 mm / 17 kg

Ordering is simple.

Order your Trophon EPR system, accessories, and consumable supplies with the method most convenient for you.

Call: 800-558-5102, opt. 2, opt. 1

Fax: 877-279-6990

Email: gehcaccessoriesales@ge.com

Contact: Your local GE representative

Visit www.gehealthcare.com/trophon

GE Healthcare
3000 North Grandview
Waukesha, WI 53188
U.S.A.

www.gehealthcare.com



imagination at work

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ACCD-0198-05.12-EN-US
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SCOPE CABINET

Cat. # 11636SC-9

Price : Login for pricing

Dimensions

18 X 36 X 92

Description

9 SCOPE, TAMBOUR DOOR, LOWER SHELF,
AMBIENT VENTED, TOE KICK BASE, 4
RECESS, REMOVABLE AND CLEANABLE
DRIP TRAY, PARTIAL SLOPE TOP,
FULL-BODY SCOPE RACK, ANTIMICROBIAL
PADDED BACK WALL. MODEL 11636SC-9,
9-SCOPE CABINET PICTURED

3/4 WOOD CORE WITH FROSTY WHITE
MELAMINE FINISH

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Make better decisions.

Different departments have different needs. We can help identify the best storage solution for each, based on our experience with thousands of hospitals.

Simplify decision making.

If you're not sure of what you need, start by looking at the pre-configured packages with options and accessories most commonly used by various departments. Call us for practical steps in getting started.

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**MASS METAL™
EXCHANGE CARTS**

- Durable and light weight – Easy to move and use
- Premium 5" casters, front two locking for safety
- Interchangeable shelves, trays, and baskets to adapt to future needs
- High-impact rigid pvc wrap-around cart guard
- Four cart sizes to meet every need
- Heavy-duty, powder-coated 14 and 20 gauge steel construction
- No wasted space!

Design for
Today's
Storage Needs
Reconfigure for
Tomorrow's
Demands

MX6101DK
Full-Size Metal
Exchange Cart
with FlexLok™ Door and
optional Keyless Lock.
26"D x 45.12"W x 79.25"H





MX6101DK
Full Size Exchange Cart
with FlexLok™ Door and optional Keyless Lock.
26"D x 45.12"W x 79.25"H



MX6107
Half Size Exchange Cart
with FlexLok™ Door.
31"D x 28"W x 79.25"H



MX6102DK
Mid Size Exchange Cart
with FlexLok™ Door, with Stainless Steel Top
and optional Keyless Lock.
26"D x 45.12"W x 44"H



MX6108
Standard Size Exchange Cart
with FlexLok™ Door, with Stainless Steel
Top and optional Red Bumper.
26"D x 25.75"W x 44"H

MASS METAL™
EXCHANGE CARTS

**Four cart sizes...
Hundreds of options**

- Mix and match interior components, trays, baskets, shelves and more!
- Easy to reconfigure for new packaging or procedures
- ABS Trays and Wire Baskets available in 3", 6", and 9" heights
- Components slide in and out easily on ABS side panels
- Easy to maneuver with lightweight construction and premium casters

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MASS METAL™
Wall Storage Cabinets

MX4400D
Metal Exchange
Wall Storage
Cabinet
with FlexLok™ Door.
22"D x 41"W x
84.25"H



FIFOGLIDE™ CATHETER TRACKS
WITH ROTATING HOOKS



SLIDE-OUT SHELF



M4601
Upper Metal Wall
Cabinets
16"D x 41"W x 37.08"H



MX4401D
Lower Metal Exchange
Wall Cabinets
22"D x 41"W x 37.5"H



MX4402
Metal Exchange Half Cabinet
22"D x 21.6"W x 84.25"H



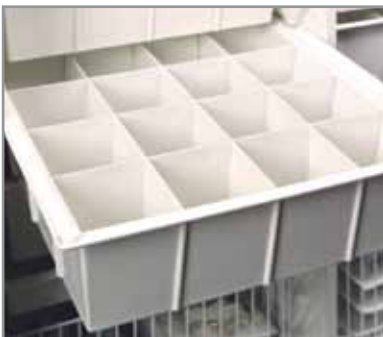
SLIDE-OUT SLOTSHELF™ WITH ADJUSTABLE DIVIDERS



SLIDE-OUT SHELF

EXCHANGE COMPONENTS

- Select colored SlotShelf™ dividers and bins to coordinate interiors
- MASS™ modules make a difference! Baskets, trays, and shelves are 18.5" wide
- Interchangeable shelves, trays, and baskets - easily moved from carts to cabinets!



ABS TRAYS WITH OPTIONAL DIVIDERS



BINS AVAILABLE IN THREE CONVENIENT SIZES - 4", 6", 8" WIDTHS

Contact Us Today for a QuikQuote™

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WIRE BASKETS AVAILABLE IN THREE DIFFERENT SIZES



SLIDE-OUT SUTURE MODULE



SIX INCH LOCKING METAL DRAWER



FIFOGlide™ CATHETER STORAGE MODULE



ELECTRONIC KEYLESS LOCK ADDS SECURITY AND CONVENIENCE



ID LABEL FOR BASKETS

EXCHANGE CART OPTIONS

Color code to improve organization and efficiency

- Color code carts for specific procedures
- Choose cart guard and door strip accent colors
- Select colored SlotShelf™ dividers and bins to coordinate interiors
- MASS™ modules make a difference! Baskets, trays, and shelves are 18.5" wide and easily moved from carts to cabinets!



SLIDE-OUT BIN MODULE



SLIDE-OUT SHELF



MX6108 RED

MX6108 BLUE

MX6108 BLACK



MX6108 GREEN Standard Size
Exchange Cart with FlexLok™ Door.
26"D x 25.75"W x 44"H



MX6108 GREEN
Pictured with closed FlexLok™ Door and colored door strip.



FRONT LOCKING PREMIUM CASTER WHEELS



SLIDE-OUT TRAYS WITH DIVIDERS



M3101HGMR
Full Size Modular Storage Cart
Hinged Doors with Glass Inserts.
26"D x 45.12"W x 79.25"H



M3101HGMR
Full Size Modular Storage Cart
Hinged Doors with Glass Inserts.
26"D x 45.12"W x 79.25"H

- Mix and match interior components to customize carts for specific supplies
- All exposed metal components and hardware non-ferrous
- Nurse's Cart
- Supply Cart
- Medication Cart

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If you don't see what your looking for, call us!



M3110
MASS™ Small Series Cart
20.5"D x 27.5"W x 44"H



FIFOGLIDE™ CATHETER TRACKS.
Rotating stainless steel hooks.



MRI CONDITIONAL CASTERS WITH STAINLESS STEEL BEARINGS



STAINLESS STEEL HINGES

Secure-A-Scope™ Storage System

- Revolutionary new design sets the gold standard for scope storage and accessibility
- Rotating scope holders make loading and removing scopes easy, safe, and secure
- Scope holders engineered to protect scope heads and support umbilicals
- Back wall of cabinet padded vinyl to prevent damage to distal tips
- Removable plastic drip tray
- Filtered ambient air vents

NEW



Ask to see a demonstration in your hospital today.
Call MASS™ or find your local rep on our website.



M1200LHG
SECURE-A-SCOPE™ STORAGE SYSTEM
Locking Hinged Door with Glass Inserts.
Holds 9 Flexible Endoscopes.
12.875"D x 41"W x 88.63"H



M1800
SECURE-A-SCOPE™ STORAGE SYSTEM
with FlexLok™ Door.
Holds 18 Flexible Endoscopes.
18"D x 41"W x 95.25"H

Secure-A-Scope™ Exclusively From MASS™
Unique, Rotating Scope Holders
The Storage System To Protect All Your Scopes

- Cabinets to store 4, 8, 9, or 18 flexible Endoscopes
- Door Options - all models
 - FlexLok™ Door
 - Hinged Doors with Glass Inserts
 - Solid Hinged Doors



M1200
SECURE-A-SCOPE™
STORAGE SYSTEM
with FlexLok™ Door. Holds 9 Flexible Endoscopes.
12.875"D x 41"W x 94.125"H



M1202
SECURE-A-SCOPE™
STORAGE SYSTEM
with FlexLok™ Door. Holds 4
flexible Endoscopes.
12.875"D x 21.6"W x 94.125"H



M1802
SECURE-A-SCOPE™
STORAGE SYSTEM
with FlexLok™ Door. Holds 8 Flexible
Endoscopes. 18"D x 21.6"W x 95.25"H



M2000LHG
Pass-through SECURE-A-SCOPE™
Scope Cabinet
 with Locking Hinged Glass Doors. Holds 4 scopes on each side wall for capacity of 8 scopes. 21.6"D x 41"W x 93.15"H

- Cabinets to store 4 or 9 Bronchoscopes, Cystoscopes or Ureteroscopes



M1208
SECURE-A-SCOPE™
STORAGE SYSTEM
 with FlexLok™ Door. Holds 9 small diameter scopes. 12.875"D x 41"W x 77"H



M1204
SECURE-A-SCOPE™
STORAGE SYSTEM
 with FlexLok™ Door. Holds 4 small diameter scopes. 12.875"D x 21.6"W x 77"H



- Vertically and independently adjustable upper and lower scope supports
- Holds 4-8 small diameter scopes
- Hinged, 3-point locking, clear hinged door
- Wall mounted for loading and removing scopes easily, safely and securely
- Silicone inserts gently cushion and support any scopes. The inserts are easily, quickly cleaned or replaced
- Available for immediate shipment

ENDOSCOPY PROCEDURE CARTS



M3103
Full Size ERCP Cart
with FlexLok™ Door on upper and lower sections.
26"D x 45.12"W x 71"H



M3104
Mid Size ERCP Cart
with FlexLok™ Door.
26"D x 45.12"W x 42"H



M3102ED
Dilator Storage Cart
with FlexLok™ Door.
26"D x 45.12"W x 42"H



M1201HG
Small Diameter Wall Mounted SECURE-A-SCOPE™ Scope Cabinet
with hinged, 3-point locking, clear hinged door. Holds 4-8 small scopes.
11.25"D x 19.125"W x 48.125"H, 51 lbs

SCOPE TRANSPORT CARTS

- Carts available with four or nine autoclavable trays (lids included)
- Heavy-duty handles for easier mobility

This Cart is Steam or Machine Washable!



M3124
Scope Transport Cart
20.5"D x 27.5"W x 44"H



M6204SS
Stainless Steel Scope Transport Cart
21"D x 24.4"W x 35.75"H

WALL STORAGE CABINETS

Flexible • Adaptable • Expandable

- More interior storage capacity
- Manages 735 catheters depending on package size
- Store all your cath lab supplies with no wasted space
- Create unique interiors for specific supplies
- Exchange System also available in melamine carts and cabinets

Visit Our
Web Site
MASSMedical
Storage.com



MX2200D
Exchange Wall Storage Cabinets
with FlexLok™ Door. 22"D x 41"W x 91.25"H



M1600
Wall Storage Cabinets
with FlexLok™ Door,
Sloped tops pictured.
16"D x 41"W x
89.5"H

M2200
Wall Storage Cabinets
with FlexLok™ Door,
Sloped tops pictured.
22"D x 41"W x
91.25"H



M2200HG

Wall Storage Cabinets

Hinged Doors with Glass Inserts, flat top pictured. 22"D x 41"W x 84"H

M1600HG

Wall Storage Cabinets

Hinged Doors with Glass Insert, flat top pictured. 16"D x 41"W x 84"H

WALL STORAGE CABINET OPTIONS

Door options:

- Hinged with Glass Inserts
- Solid Hinged Doors
- FlexLok™ Door (roll down)
- No Door



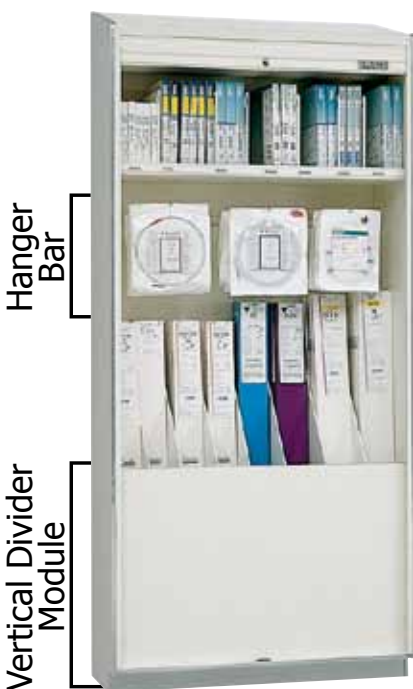
M1602 Half Wall Storage Cabinets

16"D x 21.6"W x 89.5"H

M2202 Half Wall Storage Cabinets

22"D x 21.6"W x 91.25"H

Half Cabinet is 21.6" wide, but has over 17 cu. ft. of interior storage space.



Hanger Bar

Vertical Divider Module

VERTICAL DIVIDER MODULE FOR LONG BOXES.

SLIDE-OUT VERTICAL DIVIDER MODULE FOR EASY ACCESS OF LONG BOXES.

Slide-out Vertical Divider Module



MOBILE CATH LAB STORAGE

- Create a totally mobile cath lab storage system
- More storage capacity than any other mobile storage space
- Fifth wheel provides greater support, easier rolling, and better directional control



M3101D
Full Size Divided Modular Storage Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H



M3101DHG
Full Size Divided Modular Storage Cart
Hinged Doors with Glass Inserts.
26"D x 45.12"W x 79.25"H



M3101
Full Size Modular Storage Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H



MX3101DK
Full Size Exchange Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H



M3101
Full Size Modular Storage Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H



MX3101DK
Full Size Exchange Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H

PROCEDURE CARTS

- Stock one cart with all the supplies you need for a specific procedure
- The right size cart for every task
- Customized interiors and accessories
- Unlimited design options
 - Stent Cart
 - PTCA
 - Pacemaker Cart
 - Pediatric Supplies
 - Computer Cart
 - Emergency Cart
 - Equipment Cart
 - Bedside Recovery Cart



M3102
Mid-Size Modular Storage Cart
with FlexLok™ Door.
26"D x 45.12"W x 42"H



MX3106DK
Mid-Size Exchange Cart
with FlexLok™ Door, Keyless Lock, and Stainless Steel Top and Rail. 26"D x 45.12"W x 42"H



MX6101DHG
Full Size Metal Exchange Cart
Hinged Doors with Glass Inserts. Also pictured: Suture Module, Locking six inch Metal Drawer, and three FifoGlide™ Catheter Modules. 26"D x 45"W x 79.25"H



M3110
MASS™ Small Series Cart
20.5"D x 27.5"W x 44"H

**MASS METAL™
EXCHANGE CARTS GET
THE JOB DONE**



**SLIDE-OUT SLOTSHELF™
WITH ADJUSTABLE
DIVIDERS**



**ABS TRAYS WITH OPTIONAL
DIVIDERS**



**FIFOGLIDE™ CATHETER
STORAGE MODULE**



**ABS SIDE PANELS ALLOW
EASY EXCHANGE**



MX6101DHG
Full Size Metal Exchange Cart
Hinged Doors with Glass Inserts.
26"D x 45.12"W x 79.25"H



MX6107
**Half Size Metal
Exchange Cart**
with FlexLok™ Door.
31"D x 28"W x 79.25"H



MX6102DK
Mid Size Metal Exchange Cart
with FlexLok™ Door and optional Keyless Lock.
26"D x 45.12"W x 44"H



MX6108
**Standard Size Metal
Exchange Cart**
with FlexLok™ Door.
26"D x 25.75"W x 44"H

ARTHROSCOPY



ENT



GENERAL SURGERY



LIVER



NEURO



ORTHO



THORACIC



VASCULAR



SURGICAL SUPPLIES "TO GO"

- Trays, baskets, and shelves slide in and out quickly
- Create a totally mobile storage system
- Move supplies quickly and easily where needed
- Reduce inventory, save money
- 14 and 20 gauge powder-coated steel
- Lightweight and easy to transport
- ABS side panels permit easy module exchange
- Change is inevitable – choose the one storage system that adapts

GEN. SUPPLY



GI



MX6101DK
Full Size Metal Exchange Cart
with FlexLok™ Door and optional Keyless Lock.
26"D x 45.12"W x 79.25"H

MX6107
Half Size Metal Exchange Cart
with FlexLok™ Door.
31"D x 28"W x 79.25"H

**ADDITIONAL MASS™ MODELS
TO COMPLETE YOUR MOBILE
STORAGE SYSTEMS**

Portable • Flexible • Functional

- Move supplies and instruments room to room effortlessly
- Consolidate inventory and eliminate duplication



MX6101K
Full Size Metal Exchange Storage Cart
with FlexLok™ Door and optional Keyless Lock.
26"D x 45.12"W x 79.25"H



M3101DHG
Full Size Modular Storage Cart
Hinged Doors with Glass Inserts.
26"D x 45.12"W x 79.25"H



M3101
Full Size Modular Storage Cart
with FlexLok™ Door.
26"D x 45.12"W x 79.25"H



MX6101K
Full Size Metal Exchange Storage Cart
with FlexLok™ Door, and optional Keyless Lock.
26"D x 45.12"W x 79.25"H



MX3101DK
Full Size Exchange Cart
with FlexLok™ Door and optional Keyless Lock.
26"D x 45.12"W x 79.25"H



MX3101DK
Full Size Exchange Cart
with FlexLok™ Door and optional Keyless Lock.
26"D x 45.12"W x 79.25"H



MX4400DHG
Metal Exchange Wall Storage Cabinet
Hinged Doors with Glass Inserts.
22"D x 41"W x 84.25"H



MX4402
Metal Exchange Half Cabinet
with FlexLok™ Door. 22"D x 21.6"W x 84.25"H

SURGICAL SUPPLY WALL CABINETS

- Hinged Doors with Glass Inserts providing visibility for all inventory
- Four door options (see page 15)
- Modular System allowing easy, rapid utilization or changes in components
- Easily secured to wall
- Full and half widths available
- Sloped or flat tops



MX4400D
Metal Exchange Wall Storage Cabinet
with FlexLok™ Door. 22"D x 41"W x 84.25"H



INTERVENTIONAL SUPPLY STORAGE CABINETS

Door options:

- Hinged with Glass Inserts
- Solid Hinged Doors
- FlexLok™ Door (roll down)
- No Door
- More interior storage capacity than any other medical storage...over 34 cu. ft.
- Interior modules to store every size package with no wasted space
- Maximize narrow spaces
- Half cabinet – 21.6" wide



**M1600HG
Wall
Storage
Cabinets**

Hinged Doors with Glass Inserts.
16"D x 41"W x 84"H

**M2200HG
Wall
Storage
Cabinets**

Hinged Doors with Glass Inserts.
22"D x 41"W x 84"H



**M2200
Wall Storage Cabinets**
with FlexLok™ Door. 22"D x 41"W x 91.25"H

**M1600
Wall Storage Cabinets**
with FlexLok™ Door. 16" D x 41"W x 89.5"H



M1601
Upper Wall Cabinets
16"D x 41"W x 37.08"H

M2201
Lower Wall Cabinets
22"D x 41"W x 37.5"H

WALL STORAGE CABINETS

- Creative designs to fit unique environments
- Organize your vast interventional supply inventory
- Complete your lab and maximize storage with upper and lower cabinets and MASS™ modular components

Contact Us Today for a QuikQuote™

800.593.1900

(Pictured—Two each of M1601 and M2201 with 82" continuous counter top)

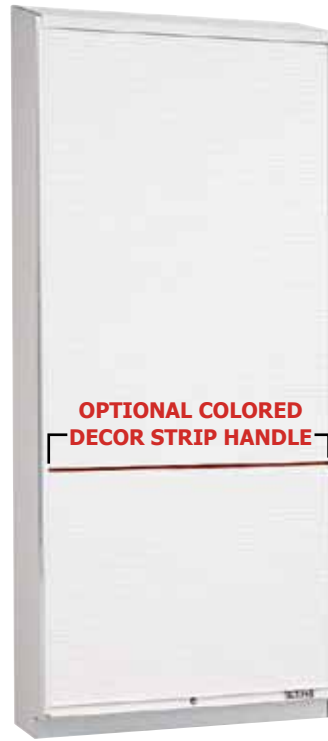


VERTICAL DIVIDER MODULE FOR LONG BOXES

Also available in a pullout/slideout module



SLOTSHELF™ MODULES WITH OPTIONAL COLORED DIVIDERS



KEY-LOCKED FLEXLOK™ TAMBOUR DOOR ROLLS UP INTO TOP OF CABINET, SHOWN WITH CLOSED DOOR



BINS AVAILABLE IN THREE CONVENIENT SIZES - 4", 6", 8" WIDTHS



WIRE BASKETS AVAILABLE IN NINE DIFFERENT SIZES



EASY-OPEN DRAWERS WITH ADJUSTABLE DIVIDERS

MOBILIZE INTERVENTIONAL SUPPLIES

- Create a totally mobile storage system
- More storage capacity than any other mobile storage system
- Door options:
 - Hinged with Glass Inserts
 - Solid Hinged Doors
 - FlexLok™ Door (roll down)
 - No Door
- Mix and match interior components for effective product storage utilization



M3101D
Full Size Divided Modular Storage Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H



MX6101K
Full Size Exchange Storage Cart
with FlexLok™ Door, and optional
Keyless Lock.
26"D x 45.12"W x 79.25"H



M3101DHG
Full Size Divided Modular Storage Cart
Hinged Doors with Glass Inserts.
26"D x 45.12"W x 79.25"H



M3101
Full Size Modular Storage Cart
with FlexLok™ Door. 26"D x 45.12"W x 79.25"H



**SLIDE-OUT
VERTICAL
DIVIDER
MODULE
FOR EASY
ACCESS OF
LONG BOXES**

Slide-out Vertical
Divider Module



**RADIOLOGY
SUPPLY CARTS**

- Unlimited design options
- Unique interior modular components
- Easy exchange of components on ABS Side Panels



MX3101DK
Full Size Exchange Cart
with FlexLok™ Door and Keyless Lock.
26"D x 45.12"W x 79.25"H



MX3106DK
Mid-Size Exchange Cart
with FlexLok™ Door, Stainless Steel Top
and Rail and optional Keyless Lock.
26"D x 45.12"W x 42"H



M3102
Mid-Size Modular Storage Cart
with FlexLok™ Door.
26"D x 45.12"W x 42"H



OPTIONAL KEYLESS LOCK



**ABS TRAY WITH
OPTIONAL DIVIDERS**

METAL CABINETS AND CARTS FOR RADIOLOGY

- Modules interchangeable between cabinets and carts
- Durable 14 and 20 gauge steel construction
- Wire baskets, trays, shelves, and SlotShelf™ module with adjustable dividers



MX4400
Metal Wall Storage Cabinet
 with FlexLok™ Door.
 22"D x 41"W x 84.25"H



MX4400DHG
Metal Exchange Wall Storage Cabinet
 Hinged Doors with Glass Inserts.
 22"D x 41"W x 84.25"H



MX6102DK
Mid Size Metal Exchange Cart
 with FlexLok™ Door and optional Keyless Lock.
 26"D x 45.12"W x 44"H



MX6108
Standard Size Metal Exchange Cart
 with FlexLok™ Door.
 26"D x 25.75"W x 44"H



MX4402
Metal Exchange Half Wall Storage Cabinet
 with FlexLok™ Door.
 22"D x 21.6"W x 84.25"H



MX6107
Half Size Metal Exchange Cart
 with FlexLok™ Door.
 31"D x 28"W x 79.25"H



MX6101DHG
Full Size Metal Exchange Cart
 Hinged Doors with Glass Inserts.
 26"D x 45.12"W x 79.25"H



M1600
Wall Storage Cabinets
with FlexLok™
Door. 16"D x
41"W x 89.5"H

M2200
Wall Storage Cabinets
with FlexLok™
Door. 22"D x
41"W x 91.25"H

CT SUPPLY STORAGE

- Wall storage cabinets organize your room and eliminate clutter
- Custom cabinets without the custom price
- Mobile supply carts– the ultimate convenience
- Unlimited design possibilities
- MASS™ Small Series Carts (below) available in over 500 different configurations

Contact Us Today for a QuikQuote™
800.593.1900



M3110
MASS™ Small Series Cart
20.5"D x 27.5"W x 44"H



MX3106DK
Mid-Size Exchange Cart
with FlexLok™ Door, Stainless Steel Top and Rail and optional Keyless Lock.
26"D x 45.12"W x 42"H



M3101
Full Size Modular Storage Cart
with FlexLok™ Door.
26"D x 45.12"W x 79.25"H

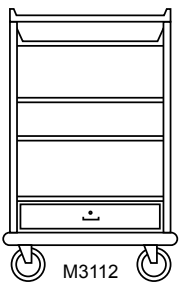
- Hundreds of custom configurations available
- 13 popular models shown below
- Create your perfect small cart
- Unique interior modules and accessories to match your needs
- Use the design worksheet on the next page to create your own

Biopsy
Isolation
OR
X-Ray
CT
ICU
IV

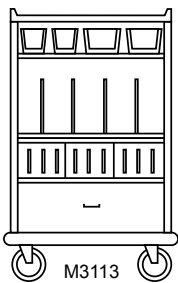
GI Lab
Chemo
Supply
Lavage
Radiology
Pacemaker
Labor/Delivery

Emergency
Oncology
Anesthesia
Monitor
Bedside
Endoscopy
Computer

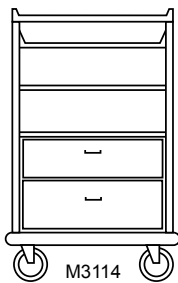
Equipment
Dialysis
Cath Lab
Procedure
MRI



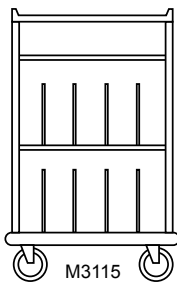
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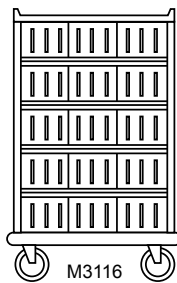
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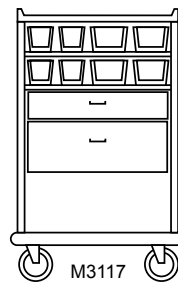
M3114



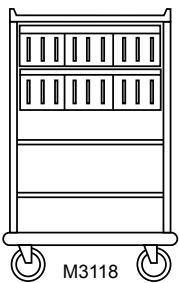
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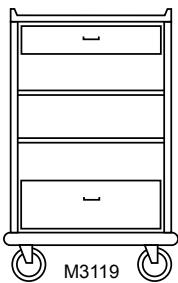
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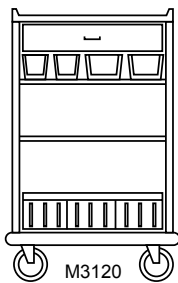
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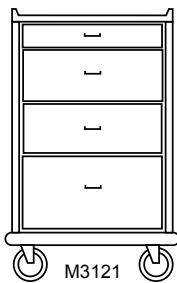
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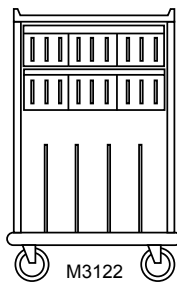
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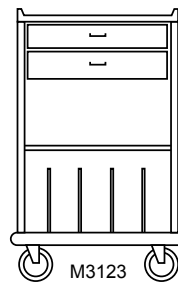
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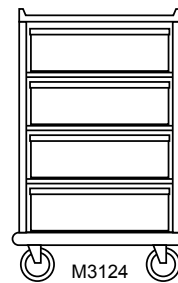
M3121



M3122



M3123



M3124



CHOICE OF DRAWERS
4", 6", 8", 12"

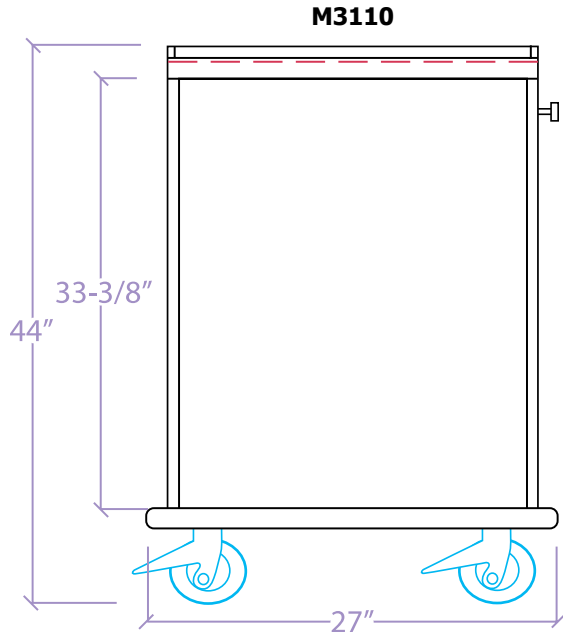


M3110
MASS™ Small Series Cart
20.5"D x 27.5"W x 44"H

BUILD YOUR OWN CART

(Electronic version available by request)

1. Cut out the desired component.
2. Paste or tape component on cart.
3. Build your Small Cart, fax to MASS™ at (913) 438-2275 for QuikQuote™.



Considerations

- Any individual locking drawer requires a stationary LokShelf™, SlotShelf™ or Bin Module above for anchoring the lock.
- Any drawer below a Slide-out Shelf or ABS Basketub™ requires a LokShelf™ above.
- To provide adequate clearance, allow 0.25" above and below each drawer. (not included in above component drawings)
- Allow a minimum of 3" atop a Keyboard Shelf.

Model Number Designation: _____

Customer/Project ID: _____

Designer/Sales Rep.: _____

Contact Email: _____

Contact Phone: _____

BIN MODULE



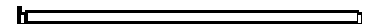
SLOTSHELF™



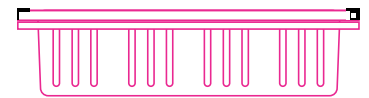
LOKSHELF™



**SLIDE-OUT KEYBOARD/
EQUIPMENT SHELF**



ABS BASKETUB™



4" DRAWER



6" DRAWER

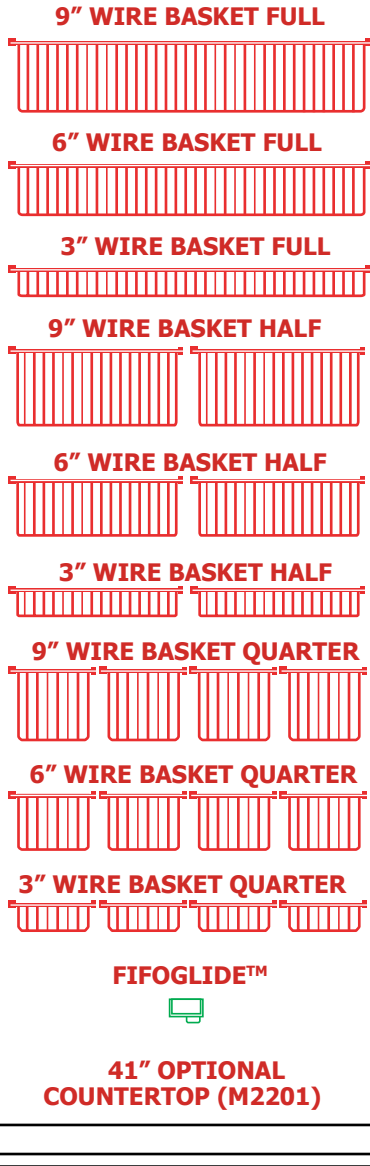
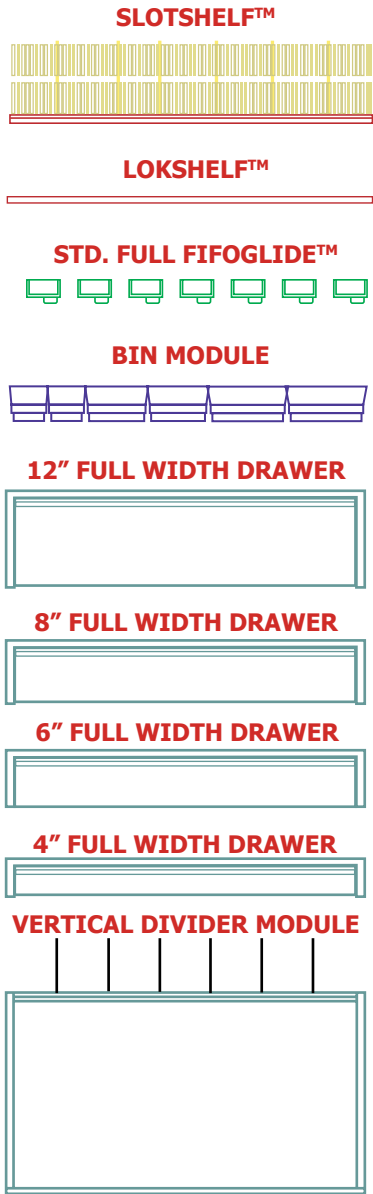


8" DRAWER



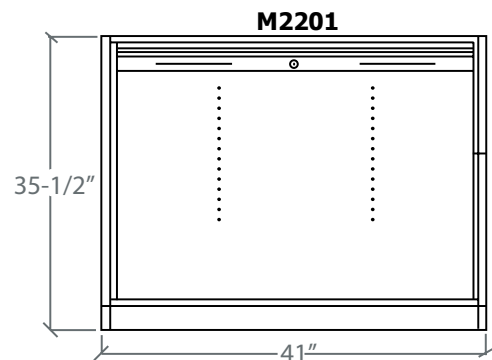
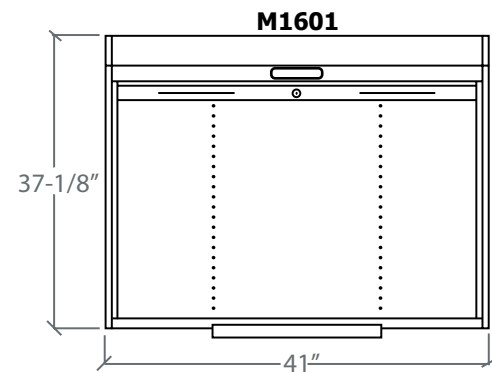
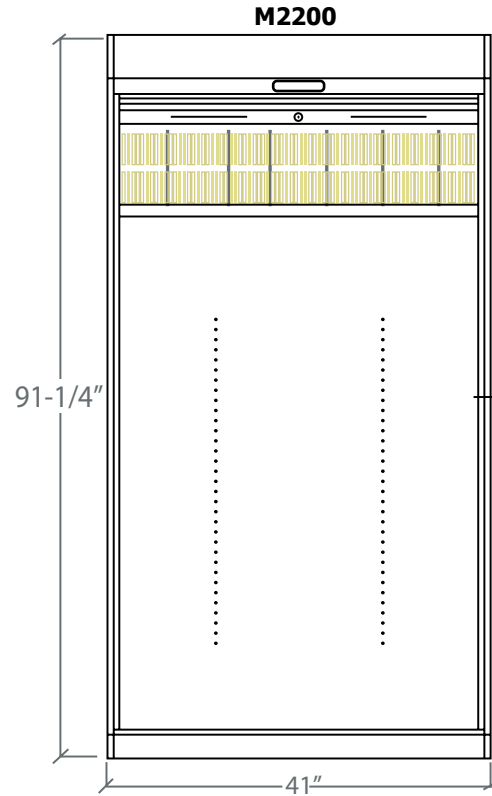
12" DRAWER





BUILD YOUR OWN CABINET

FULL-WIDTH COMPONENTS
(Electronic version available by request)



Considerations

- All baskets require a LokShelf™ above for mounting.
- All Bin Modules require a LokShelf™.
- FlexLok™ doors are standard equipment. Otherwise designate HG (hinged door w/ glass), H (hinged door, solid) or NFL (no door) at the end of desired Model Number.

Model Number Designation: _____

Customer/Project ID: _____

Designer/Sales Rep.: _____

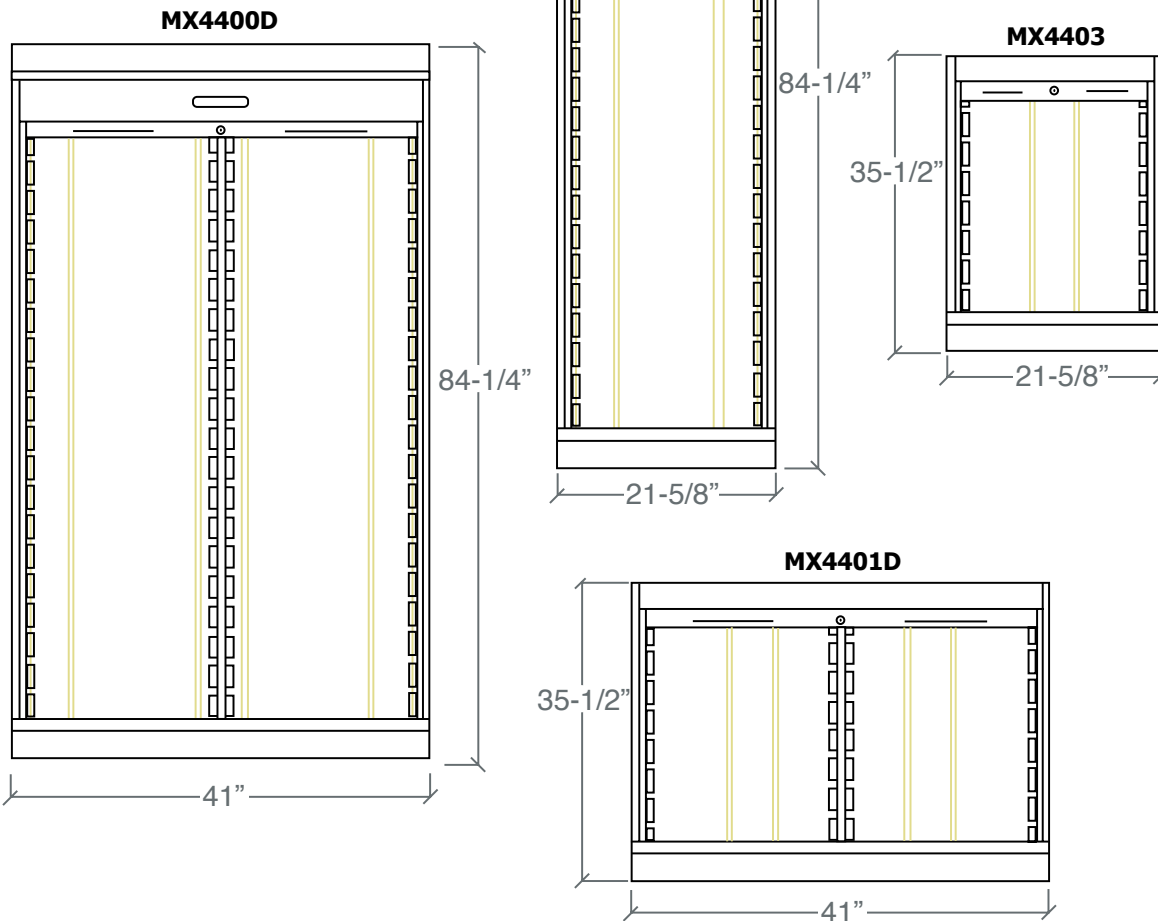
Contact Email: _____

Contact Phone: _____

BUILD YOUR OWN CABINET

(Electronic version available by request)

1. Cut out the desired component.
2. Paste or tape component on cabinet.
3. Build your cabinet, fax to MASS™ at (913) 438-2275 for QuikQuote™.



Considerations

- The FifoGlide™ Module is fixed to the back cabinet wall and not readily repositioned. The FifoGlide™ extend out, but not the shelf they're mounted to.
- The 6" Locking Metal Drawer is a fixture unable to be repositioned.

Model Number Designation: _____

Customer/Project ID: _____

Designer/Sales Rep.: _____

Contact Email: _____

Contact Phone: _____

SLOTSHELF™



SLIDE-OUT SHELF



BIN MODULE



3" ABS TRAY



6" ABS TRAY



9" ABS TRAY



3" WIRE BASKET



6" WIRE BASKET



9" WIRE BASKET



FIFOGLIDE™ MODULE



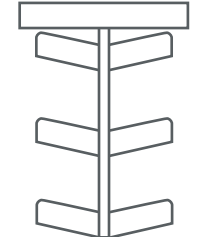
6" LOCKING METAL DRAWER



SCOPE TRANSPORT TRAY

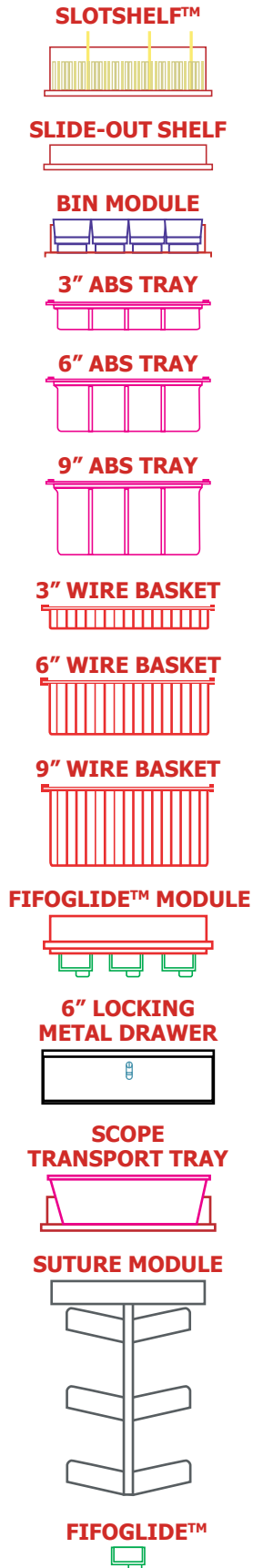


SUTURE MODULE



FIFOGLIDE™

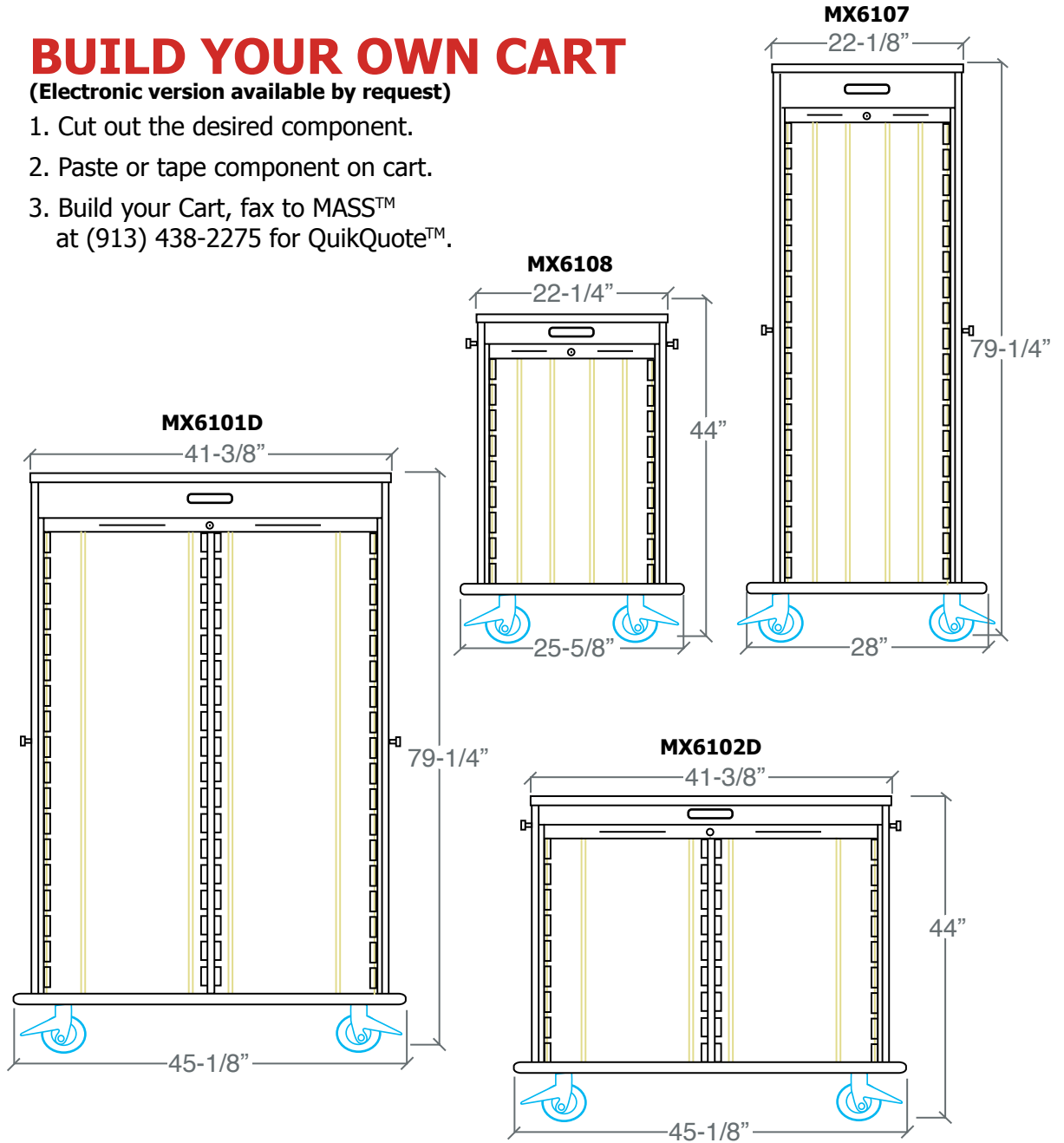




BUILD YOUR OWN CART

(Electronic version available by request)

1. Cut out the desired component.
2. Paste or tape component on cart.
3. Build your Cart, fax to MASS™ at (913) 438-2275 for QuikQuote™.



Considerations

- The FifoGlide™ Module is fixed to the back cabinet wall and not readily repositioned. The FifoGlide™ extend out, but not the shelf they're mounted to.
- The 6\"/>

Model Number Designation: _____

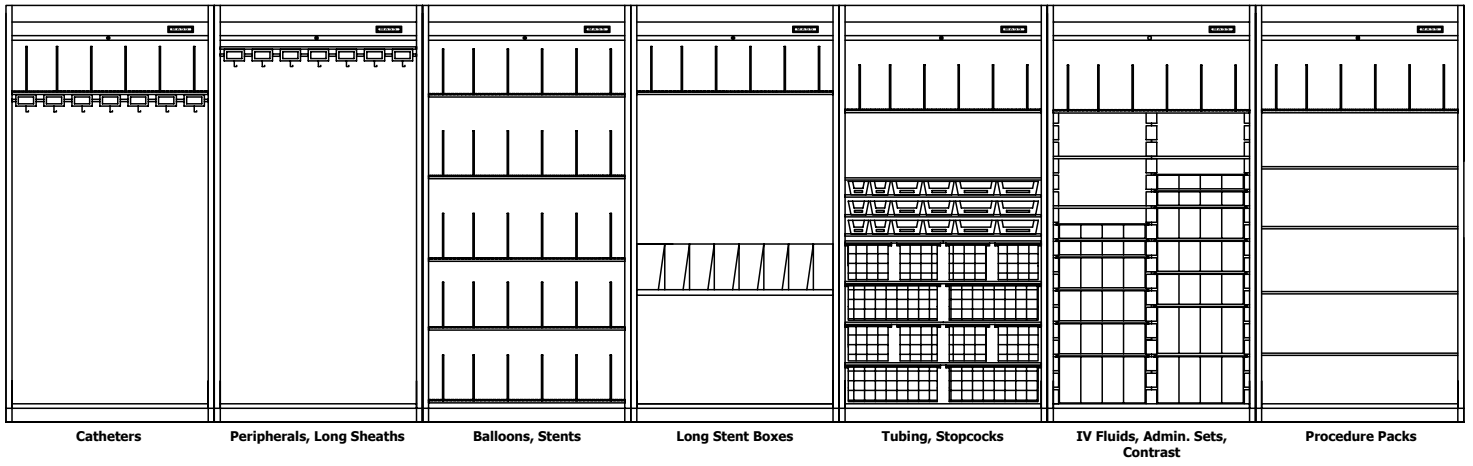
Customer/Project ID: _____

Designer/Sales Rep.: _____

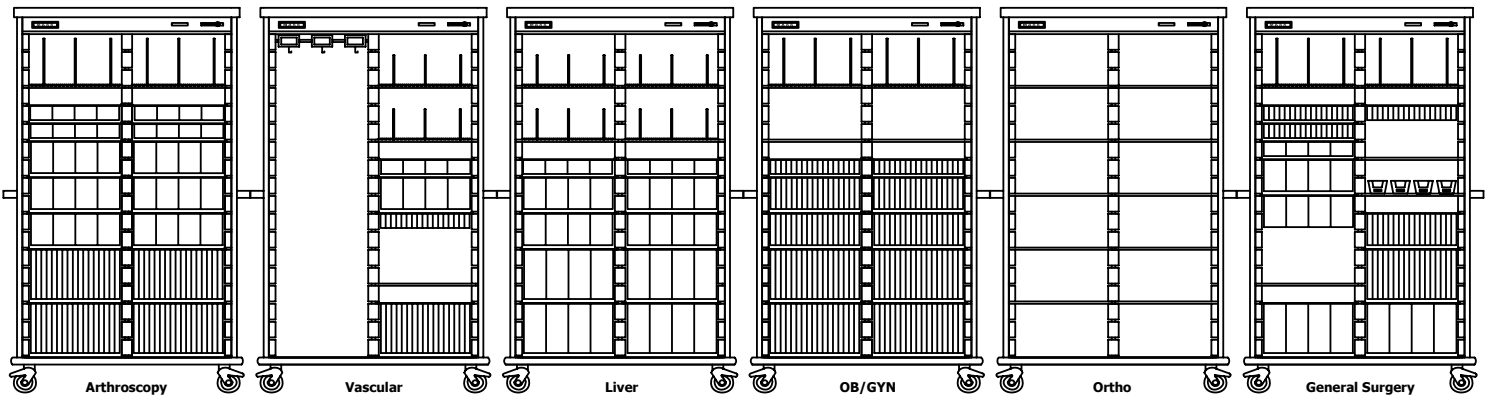
Contact Email: _____

Contact Phone: _____

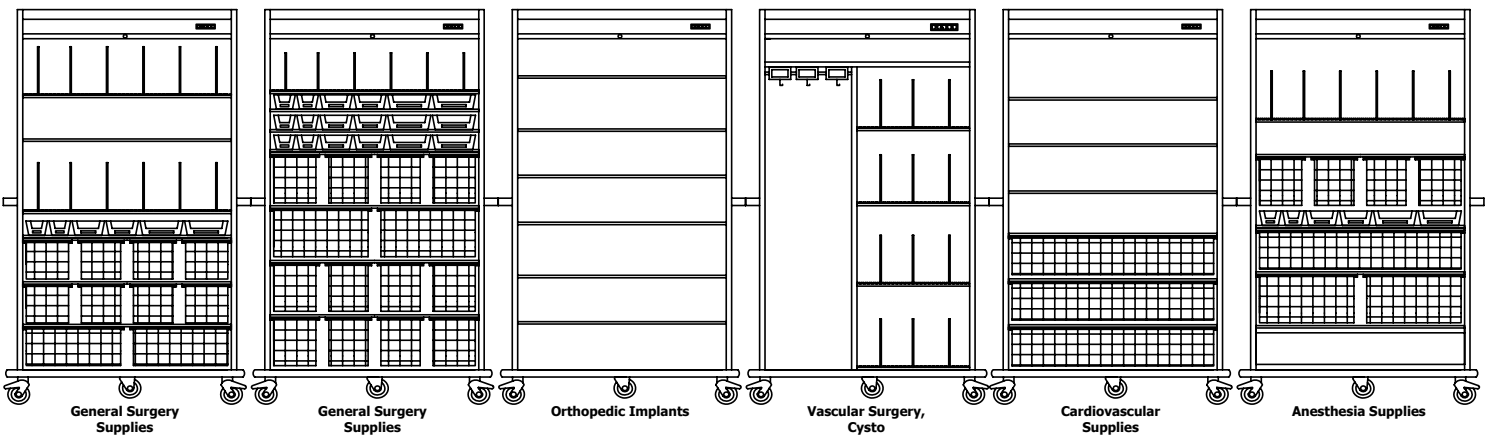
TYPICAL CARDIAC CATH LAB & INTERVENTIONAL RADIOLOGY



TYPICAL METAL EXCHANGE SURGERY CARTS



TYPICAL MOBILE SURGERY STORAGE DESIGNS





**THREE BIN SIZES:
4", 6", AND 8" WIDE**



**EQUIPMENT ACCESS DOOR
(MASS™ SMALL SERIES
CART ONLY)**



IV POLE EXTENDS TO 36"



ID LABEL FOR BASKETS



**ELECTRONIC KEYLESS
LOCK ADDS SECURITY
AND CONVENIENCE**



**SLOTSHELF™ MODULES
WITH OPTIONAL COLORED
DIVIDERS**



**AUTOC LAVABLE SCOPE
TRAY AND LINER**



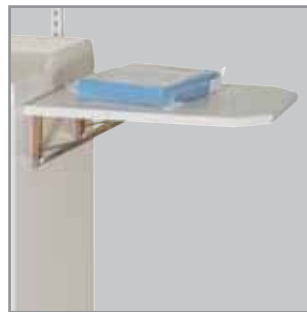
**SIX INCH LOCKING METAL
DRAWER**



**METAL SHELF OR CLEAR
ACRYLIC DIVIDED TRAY
FOR ADJUSTABLE ABOVE
CART STORAGE OF SMALL
ITEMS**



**FIFOGlide™ CATHETER
STORAGE MODULE**



**FOLD-DOWN
WRITING SHELF
16 3/16" X 19 1/8"**



**GLOVE BOX HOLDER
TWO OR THREE
BOX HOLDERS**



**SLIDE-OUT SHELF
FOR KEYBOARD OR
EQUIPMENT**



**CORD MANAGER
INDIVIDUALLY WRAP
POWER CORDS AND
LEADS. ELIMINATE
TANGLED CORDS**



**KEYLESS LOCK
OPTIONAL ON ALL
CARTS EXCEPT MASS™
SMALL SERIES CARTS**



**POWER STRIP
HOSPITAL-GRADE SIX-PLUG.
ACCESS VIA CORD PORTS IN
BACK OR SIDE WALL**

M3103
Full Size ERCP Cart
with FlexLok™ Door
on upper and
lower sections.
26"D x 45.12"W
x 71"H



Task Light



Slide-out Vertical
Divider Module



**SLIDE-OUT VERTICAL DIVIDER
MODULE FOR EASY ACCESS OF
LONG BOXES**

- Enhance the efficiency of your MASS™ carts and cabinets
- Other accessories available

**Contact Us
Today for a
QuikQuote™
800.593.1900**

**If you don't
see what your
looking for,
call us!**



Hanger Bar

Vertical Divider Module

**VERTICAL DIVIDER
MODULE FOR LONG
BOXES**



**SLOTSHELF™ MODULES
WITH OPTIONAL
COLORED DIVIDERS**



**OPTIONAL COLORED
DECOR STRIP HANDLE**

**FLEXLOK™ DOOR WITH
KEY LOCKED DOOR
ROLLS UP INTO TOP OF
CABINET. (SHOWN IN
DOWN POSITION)**



Suture Module

**SLIDE-OUT SUTURE
MODULE WITH
MAGNETIC METAL
DIVIDERS**

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MASSMedicalStorage.com

ASK DR. STORBETTER



VISIT OUR BLOG

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Turn-Around

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- IMS
- Boston Scientific
- Microvasive
- Endoscopy
- Storage Systems Unlimited

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IN THE U.S.A.



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Lenexa, KS 66214

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Fax: 913-438-2275

ATTACHMENT 2

EQUIPMENT PROCUREMENT SCHEDULE

See attached.

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100240	2	CAN	GARBAGE	LARGE	New	Equip				\$24					\$48	C	B
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	101005	3	CHAIR	SIDE	BARIATRIC w/arms	New	Furn				\$1,200					\$3,600	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100199	10	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,000	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100417	8	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,080	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100180	2	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$40	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100121	3	SOFA	2 SEAT		New	Furn				\$2,500					\$7,500	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100447	1	SOFA	3 SEATER		New	Furn				\$3,500					\$3,500	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100635	10	TABLE	END		New	Furn				\$600					\$6,000	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.2	PATIENT VISITOR LOUNGE	100526	1	TELEVISION	FLATSCREEN, 42"		New	Equip				\$1,000					\$1,000	C	A
1.1 MAIN ENTRANCE / LOBBY	1.1.3	PHONE ALCOVE	100504	3	TELEPHONE	CAB		New	Equip				\$0					\$0	E	A
1.1 MAIN ENTRANCE / LOBBY	1.1.3	PHONE ALCOVE	100989	1	TELEPHONE	PAY		New	Equip										E	A
1.1 MAIN ENTRANCE / LOBBY	1.1.5	STANTON FOUNDATION KIOSK	100373	1	KIOSK	INFORMATION		New	Furn				\$3,500					\$3,500	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.5	STANTON FOUNDATION KIOSK	100265	1	STOOL	W/O CASTERS	ADJUSTABLE W/PADDING	New	Equip				\$165					\$165	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100456	1	DISPENSER	SANITARY NAPKIN		New	Equip				\$450					\$450	C	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100349	2	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$40	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100986	2	DISPOSAL	SANITARY		New	Equip				\$35					\$70	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.7	PUBLIC WASHROOM (FEMALE)	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	E	D2
1.1 MAIN ENTRANCE / LOBBY	1.1.8	PUBLIC WASHROOM (MALE)	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
1.1 MAIN ENTRANCE / LOBBY	1.1.9	STORAGE ROOM	100537	1	SHELVING	METAL		New	Equip				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	E	B
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.1	RECEPTION/CONCIERGE DESK	100198	2	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$3,500	E	D2	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.2A	REGISTRATION/COMMUNICATION CUBICLE	100198A	1	WORKSTATION		OPEN W/OVERHEAD SHELVING	New	Furn				\$2,000					\$2,000	C	D2	
1.2 CUSTOMER SERVICE CENTRE	1.2.2B	REGISTRATION/COMMUNICATION CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.2B	REGISTRATION/COMMUNICATION CUBICLE	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.2B	REGISTRATION/COMMUNICATION CUBICLE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.2B	REGISTRATION/COMMUNICATION CUBICLE	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.2B	REGISTRATION/COMMUNICATION CUBICLE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.2B	REGISTRATION/COMMUNICATION CUBICLE	100198A	1	WORKSTATION		OPEN W/OVERHEAD SHELVING	New	Furn				\$2,000					\$2,000	C	D2	
1.2 CUSTOMER SERVICE CENTRE	1.2.3A	SELF REGISTRATION KIOSK	100373	1	KIOSK		CHECK-IN/INFORMATION	New	Furn				\$3,500					\$3,500	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.3B	SELF REGISTRATION KIOSK	100373	1	KIOSK		CHECK-IN/INFORMATION	New	Furn				\$3,500					\$3,500	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.4	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.4	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.4	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.4	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.4	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.4	WORKSTATION	100198A	1	WORKSTATION		OPEN W/OVERHEAD SHELVING	New	Furn				\$2,000					\$2,000	E	D2	
1.2 CUSTOMER SERVICE CENTRE	1.2.5	OFFICE/CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.5	OFFICE/CUBICLE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.5	OFFICE/CUBICLE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.5	OFFICE/CUBICLE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.5	OFFICE/CUBICLE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2	
1.2 CUSTOMER SERVICE CENTRE	1.2.6	OFFICE/CUBICLE, SECURITY	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
1.2 CUSTOMER SERVICE CENTRE	1.2.6	OFFICE/CUBICLE, SECURITY	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
1.2 CUSTOMER SERVICE CENTRE	1.2.6	OFFICE/CUBICLE, SECURITY	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A	
1.2 CUSTOMER SERVICE CENTRE	1.2.6	OFFICE/CUBICLE, SECURITY	100891T	1	MONITOR	SECURITY		Tran	Equip	No info found		\$2,500							E	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
1.2 CUSTOMER SERVICE CENTRE	1.2.6	OFFICE/CUBICLE, SECURITY	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.6	OFFICE/CUBICLE, SECURITY	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.7	OFFICE (STANDARD)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
1.2 CUSTOMER SERVICE CENTRE	1.2.8A	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.8A	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.8A	WORKSTATION	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.8A	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.8A	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.8A	WORKSTATION	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
1.2 CUSTOMER SERVICE CENTRE	1.2.8B	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.8B	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.8B	WORKSTATION	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.8B	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.8B	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.8B	WORKSTATION	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
1.2 CUSTOMER SERVICE CENTRE	1.2.9	OFFICE EQUIPMENT ALCOVE	100724	1	PHOTOCOPIER	MULTIFUNCTION AL	PRINTER/FAXC OPIER	New	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.9	OFFICE EQUIPMENT ALCOVE	100346	1	PRINTER	LABEL		New	Equip				\$2,500					\$2,500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.10	OFFICE/CONSULT ROOM	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.10	OFFICE/CONSULT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.10	OFFICE/CONSULT ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.10	OFFICE/CONSULT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.10	OFFICE/CONSULT ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.10	OFFICE/CONSULT ROOM	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.11	OFFICE (STANDARD)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100131T	1	FAX	CANON		Tran	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip				\$0					\$0	A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100302T	1	PRINTER	FORM		Tran	Equip				\$0					\$0	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100302T	1	PRINTER	FORM		Tran	Equip											A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100346	2	PRINTER	LABEL		New	Equip				\$2,500					\$5,000		A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip											A	A
1.2 CUSTOMER SERVICE CENTRE	1.2.12	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip											A	A
1.3 AUXILIARY TUCK SHOP	1.3.1	RETAIL AREA	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
1.3 AUXILIARY TUCK SHOP	1.3.1	RETAIL AREA	100626	1	CASH REGISTER			New	Equip				\$2,000					\$2,000		C	A
1.3 AUXILIARY TUCK SHOP	1.3.1	RETAIL AREA	100757T	1	REFRIGERATOR	GLASS		Tran	Equip											C	B
1.3 AUXILIARY TUCK SHOP	1.3.1	RETAIL AREA	100859	6	SHELVING	DISPLAY/FIXTURES		New	Equip				\$200					\$1,200		C	C
1.3 AUXILIARY TUCK SHOP	1.3.2	STORAGE ROOM	100089	1	CART	SUPPLY	5'	New	Equip				\$1,540					\$1,540		C	B
1.4 CHAPEL/MEDITATION ROOM	1.4.1	CHAPEL/MEDITATION ROOM	100539T	1	CABINET	CURIO		Tran	Equip											C	C
1.4 CHAPEL/MEDITATION ROOM	1.4.1	CHAPEL/MEDITATION ROOM	100093t	1	CART	BOOK		Tran	Furn											C	B
1.4 CHAPEL/MEDITATION ROOM	1.4.1	CHAPEL/MEDITATION ROOM	100417	15	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$3,900		C	C
1.4 CHAPEL/MEDITATION ROOM	1.4.1	CHAPEL/MEDITATION ROOM	100166T	1	LECTURN			Tran	Furn											C	C
1.4 CHAPEL/MEDITATION ROOM	1.4.1	CHAPEL/MEDITATION ROOM	100998T	1	PIANO/ORGAN			Tran	Equip											A	A
1.4 CHAPEL/MEDITATION ROOM	1.4.1	CHAPEL/MEDITATION ROOM	100845T	1	TABLE	PARSONS		Tran	Equip											C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100240	2	CAN	GARBAGE	LARGE	New	Equip				\$24					\$48		C	B
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	101005	2	CHAIR	SIDE	BARIATRIC w/arms	New	Furn				\$1,200					\$2,400		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100199	10	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,000		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100417	10	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,600		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100180	2	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$40		C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100544	1	PAMPHLET	HOLDER	(size, etc. to be reviewed)	New	Equip				\$150					\$150		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	101007	1	RACK	BOOT		New	Equip				\$60					\$60		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100121	1	SOFA	2 SEAT		New	Furn				\$2,500					\$2,500		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100447	1	SOFA	3 SEATER		New	Furn				\$3,500					\$3,500		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100715	3	SOFA	CHAIR		New	Furn				\$1,569					\$4,707		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100229	2	STAXI	W/PADDED SEAT		New	Equip				\$950					\$1,900		A	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100271	1	TABLE	COFFEE		New	Furn				\$750					\$750		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100635	10	TABLE	END		New	Furn				\$600					\$6,000		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.1	DIAGNOSTIC CENTRE WAITING AREA	100526	1	TELEVISION	FLATSCREEN, 42"		New	Equip				\$1,000					\$1,000		C	A
2.1 OUTPATIENT INTAKE AREA	2.1.2	CHILD PLAY ALCOVE	100573	4	CHAIR	CHILD		New	Furn				\$30					\$120		C	C
2.1 OUTPATIENT INTAKE AREA	2.1.2	CHILD PLAY ALCOVE	100665	1	PLAYSCAPE			New	Equip				\$5,000					\$5,000		C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.1 OUTPATIENT INTAKE AREA	2.1.2	CHILD PLAY ALCOVE	100658	1	TABLE	CHILD		New	Furn				\$40					\$40	C	C
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3A	PATIENT/VISITOR WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.1 OUTPATIENT INTAKE AREA	2.1.3B	PATIENT/VISITOR WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.1	SUB-WAITING AREA	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.2	MALE PATIENT CHANGING/WASHROOM	100801	6	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$1,200	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.3	FEMALE PATIENT CHANGING/WASHROOM	100801	6	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$1,200	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.2 DIAGNOSTIC IMAGING SUITE	2.2.4	INPATIENT/ED HOLDING AREA	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.4	INPATIENT/ED HOLDING AREA	100187	1	STRETCHER	WMATTRESS		New	Equip				\$7,000	\$7,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.4	INPATIENT/ED HOLDING AREA	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5A	CLERICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5A	CLERICAL WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5A	CLERICAL WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5A	CLERICAL WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5A	CLERICAL WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5B	CLERICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5B	CLERICAL WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5B	CLERICAL WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5B	CLERICAL WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.5B	CLERICAL WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6A	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6A	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6A	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6A	TECH WORKSTATION	100108BT	1	CR READER			Tran	Equip	Apr. 2005	Apr. 2015	\$75,000		\$75,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6A	TECH WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	E	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6B	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6B	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6B	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6B	TECH WORKSTATION	100108AT	1	CR READER			Tran	Equip	Apr. 2005	Apr. 2015	\$75,000		\$75,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6B	TECH WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6C	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6C	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6C	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6C	TECH WORKSTATION	100673T	1	IMAGER	LASER		Tran	Equip	Apr. 2005	Apr. 2015	\$48,000		\$48,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.6C	TECH WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	E	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.7	OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.8	OFFICE/CUBICLE. TECH	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.9	OFFICE/CUBICLE. PACS	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.10	OFFICE EQUIPMENT ALCOVE	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.10	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.10	OFFICE EQUIPMENT ALCOVE	100346T	1	PRINTER	LABEL		Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.10	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.11	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.11	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.11	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100249	1	PIGGOSTAT	INFANT IMMOBILIZER		Tran	Equip	Jan. 1992	Jan. 2005	\$1,000	\$1,000	\$1,000					C	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100831	1	RACK	1/2 SET		Tran	Equip				\$1,000					\$1,000	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100139	1	RACK	APRON		Tran	Equip				\$400					\$400	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100112	1	RADIOGRAPHIC UNIT	GENERAL RAD	DR	New	Equip	Apr. 2005	Apr. 2015	\$414,000	\$414,000	\$414,000				\$29,000	B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.12	RADIOGRAPHIC PROCEDURE ROOM	100109	1	STOOL	FOOT	W/HAND RAIL	New	Equip				\$120					\$120	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100264T	1	HOLDER	CASSETTE		Tran	Equip	Jan. 2010	Jan. 2020	\$2,200							C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found			\$2,000	\$2,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100249	1	PIGGOSTAT	INFANT IMMOBILIZER		Tran	Equip	Jan. 1992	Jan. 2005	\$1,000	\$1,000	\$1,000					A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100831	1	RACK	1/2 SET		Tran	Equip				\$1,000					\$1,000	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100139	1	RACK	APRON		Tran	Equip				\$400					\$400	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100112	1	RADIOGRAPHIC UNIT	GENERAL RAD	DR	New	Equip				\$414,000	\$414,000				\$29,000	B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100109	1	STOOL	FOOT	W/HAND RAIL	New	Equip				\$120					\$120	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.14	RADIOGRAPHIC PROCEDURE ROOM	100850T	1	STRETCHER	CHAIR		Tran	Equip	No info found		\$11,000		\$11,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found			\$2,000	\$2,000					A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100139	1	RACK	APRON		Tran	Equip				\$400					\$400	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100010	1	RADIOGRAPHIC UNIT	MULTIPURPOSE ROOM		New	Equip				\$830,000					\$830,000	B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100109	1	STOOL	FOOT	W/HAND RAIL	New	Equip				\$120					\$120	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100081T	1	STOOL	W/O BACK	W/CASTERS	Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.16	FLUOROSCOPY PROCEDURE ROOM	100081T	1	STOOL	W/O BACK	W/CASTERS	Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.17	FLUOROSCOPY CONTROL/WORKROOM	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.18	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.2 DIAGNOSTIC IMAGING SUITE	2.2.18	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.18	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.18	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.18	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.18	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100119	2	PRINTER	LEXMARK	T632	New	Equip				\$1,200					\$2,400	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.19	MAMMOGRAPHY PROCEDURE ROOM	100104	1	RADIOGRAPHIC UNIT	MAMMOGRAPHY		New	Equip			\$500,000	\$500,000	\$500,000				\$29,000	B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100072T	1	INJECTOR	CEILING MOUNT		Tran	Equip	Sept. 2005	Sept. 2015	\$76,000		\$76,000					C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100090	1	RADIOGRAPHIC UNIT	CT SCANNER		New	Equip			\$1,100,000	\$1,100,000	\$1,100,000				\$75,000	B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100109	1	STOOL	FOOT	W/HAND RAIL	New	Equip				\$120					\$120	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.20	CT PROCEDURE ROOM	100170AT	1	WARMER	CONTRAST		Tran	Equip	No info found		\$350		\$350					C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.21	CT CONTROL ROOM	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.21	CT CONTROL ROOM	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.21	CT CONTROL ROOM	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.21	CT CONTROL ROOM	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.22	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.22	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.22	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.2 DIAGNOSTIC IMAGING SUITE	2.2.22	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.22	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.22	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100181T	1	MONITOR	PACS VIEW		Tran	Equip	No info found									A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100711T	1	PACS	RADIOLOGIST WORKSTATION		Tran	Equip	No info found		\$53,000		\$53,000					A	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100490T	1	VIEWBOX	4 OVER 4		Tran	Equip										B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100490T	1	VIEWBOX	4 OVER 4		Tran	Equip										B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23A	OFFICE (RADIOLOGIST)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100181	1	COMPUTER	ADVANCED DI PACS	W/MONITOR	New	Equip				\$5,000					\$5,000	A	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100711T	1	PACS	RADIOLOGIST WORKSTATION		Tran	Equip	No info found		\$53,000		\$53,000					A	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100777T	1	VIEWBOX	3 PANEL		Tran	Equip										B	B
2.2 DIAGNOSTIC IMAGING SUITE	2.2.23B	OFFICE (RADIOLOGIST)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.1	SUB-WAITING AREA	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.2	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.2	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.2	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.2	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.2	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.2	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3A	TECH WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3B	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3B	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3B	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3B	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3B	TECH WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3C	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3C	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3C	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3C	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.3C	TECH WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.4	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.4	TECH WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.4	TECH WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.4	TECH WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.4	TECH WORKSTATION	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100417	1		CHAIR	SIDE W/ARMS	New	Furn				\$260					\$260	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.5	OFFICE/CUBICLE	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.6	OFFICE EQUIPMENT ALCOVE	100131T	1		FAX	CANON	Tran	Equip										A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.6	OFFICE EQUIPMENT ALCOVE	100203T	1		PRINTER	LEXMARK	Tran	Equip										A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.6	OFFICE EQUIPMENT ALCOVE	100203T	1		PRINTER	LEXMARK	Tran	Equip										A	A
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.6	OFFICE EQUIPMENT ALCOVE	100254T	1		SCANNER		Tran	Equip										A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.7	HAND HYGIENE SINK	100040	1		BIN	BIOHAZARD CONTAMINATED	New	Equip				\$110					\$110	E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.7	HAND HYGIENE SINK	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.7	HAND HYGIENE SINK	100353	1		DISPENSER	GLOVE BOX TRIPLE	New	Equip				\$60					\$60	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.7	HAND HYGIENE SINK	100347	1		DISPENSER	PAPER TOWEL HANDS FREE	New	Equip				\$160					\$160	E	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.7	HAND HYGIENE SINK	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100317T	1		CHAIR	TECH	Tran	Furn										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100098	1		CONTAINER	SHARPS CHILD PROOF	New	Equip				\$40					\$40	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100353	1		DISPENSER	GLOVE BOX TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100193	1	HOLDER	TRANSDUCER		New	Equip				\$200					\$200	E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100434T	1	STRETCHER	ULTRASOUND		Tran	Equip	No info found		\$9,000		\$9,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100552T	1	ULTRASOUND			Tran	Equip	Apr. 2005	Apr. 2013	\$265,000		\$265,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8A	ULTRASOUND TESTING ROOM	100170T	1	WARMER	GEL		Tran	Equip	No info found		\$350		\$350					C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100317T	1	CHAIR	TECH		Tran	Furn										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100193T	1	HOLDER	TRANSDUCER		Tran	Equip										A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100434T	1	STRETCHER	ULTRASOUND		Tran	Equip	No info found		\$9,000		\$9,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100552T	1	ULTRASOUND			Tran	Equip	Mar. 2012	Mar. 2020	\$265,000							A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.8B	ULTRASOUND TESTING ROOM	100170T	1	WARMER	GEL		Tran	Equip	No info found		\$350		\$350					E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100317	1	CHAIR	TASK W/O ARMS	LAB HEIGHT	New	Furn				\$376					\$376	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100434T	1	STRETCHER	ULTRASOUND		Tran	Equip	No info found		\$9,000		\$9,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.9	CARDIAC EXAM/TESTING ROOM	100588AT	1	ULTRASOUND			Tran	Equip	Apr. 2005	Apr. 2013	\$285,000		\$285,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260					E	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100121	1	SOFA	2 SEAT		New	Furn				\$2,500					\$2,500	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100226T	1	TABLE	BEDSIDE	1 DW/ 1 CPBD / 3 DRAWER	Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.10	RESPIRATORY TESTING ROOM	100225T	1	TABLE	OVERBED		Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100408T	1	CART	SUPPLY	SMALL	Tran	Equip										G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	G	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100392T	1	MONITOR	ECG	W/STAND	Tran	Equip	May 2003	May 2010	\$16,000		\$16,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.11	TESTING ROOM (MULTIPURPOSE)	100702T	1	TABLE	EXAM	MANUAL	Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100380T	1	CART	EMERGENCY (CRASH)		Tran	Equip										G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100745	2	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$580	C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	G	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100194T	1	STRESS TEST SYSTEM	W/TREADMILL		Tran	Equip	No info found		\$70,000		\$70,000					A	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100226T	1	TABLE	BEDSIDE	1 DWR, 1 CPBD / 3 DRAWER	Tran	Equip										C	C
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100225T	1	TABLE	OVERBED		Tran	Equip										G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.12	EXERCISE/STRESS TESTING ROOM	100746	2	TRACK	CURTAIN		New	Equip				\$100					\$200	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14A	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14A	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14A	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	G	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14A	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14A	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14B	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14B	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14B	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	G	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14B	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.14B	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.3 CARDIOPULMONARY/ULTRASOUND SUITE	2.3.15	Charting Alcove	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.1	PATIENT RECEPTION/SUB-WAITING AREA	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100346T	1	PRINTER	LABEL		Tran	Equip										A	A
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	Jan. 1990	Jan. 2002	\$1,260		\$1,260					C	B
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.2	SPECIMEN COLLECTION WORK AREA	100127	1	WORKSTATION	COMPUTER	W/KEYBOARD	New	Furn				\$383					\$383	A	B
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100146	1	CART	PHLEBOTOMY		New	Equip				\$700					\$700	G	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100378T	1	CHAIR	PHLEBOTOMY		Tran	Equip											C	C
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100985	2	HOOK			New	Equip				\$5					\$10	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3A	BLOOD DRAWING CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100146	1	CART	PHLEBOTOMY		New	Equip				\$700					\$700	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100378T	1	CHAIR	PHLEBOTOMY		Tran	Equip										C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100985	2	HOOK			New	Equip				\$5					\$10	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3B	BLOOD DRAWING CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100146	1	CART	PHLEBOTOMY		New	Equip				\$700					\$700	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100378	1	CHAIR	BLOOD-DRAWING		New	Equip				\$1,215					\$1,215	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100985	2	HOOK			New	Equip				\$5					\$10	C	C	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100117	1	PLINTH	LAB		New	Equip				\$2,000					\$2,000	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.3C	BLOOD DRAWING CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.4	PATIENT WASHROOM (SPECIMEN COLLECTION)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.4	PATIENT WASHROOM (SPECIMEN COLLECTION)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.4	PATIENT WASHROOM (SPECIMEN COLLECTION)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.4	PATIENT WASHROOM (SPECIMEN COLLECTION)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.4	PATIENT WASHROOM (SPECIMEN COLLECTION)	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
2.4 OUTPATIENT SPECIMEN COLLECTION SUITE	2.4.4	PATIENT WASHROOM (SPECIMEN COLLECTION)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.5 SHARED SUPPORT SPACE	2.5.1	CLEAN UTILITY ROOM	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										C	B
2.5 SHARED SUPPORT SPACE	2.5.1	CLEAN UTILITY ROOM	100182T	1	CART	LINEN		Tran	Equip										C	D2
2.5 SHARED SUPPORT SPACE	2.5.1	CLEAN UTILITY ROOM	100089	4	CART	SUPPLY	5'	New	Equip				\$1,540					\$6,160	C	B
2.5 SHARED SUPPORT SPACE	2.5.1	CLEAN UTILITY ROOM	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
2.5 SHARED SUPPORT SPACE	2.5.1	CLEAN UTILITY ROOM	100041AT	1	CART	UTILITY	3 SHELF 36 X 22 X 36"h	Tran	Equip										C	B
2.5 SHARED SUPPORT SPACE	2.5.2	SOILED UTILITY ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.2	SOILED UTILITY ROOM	100543T	1	CHAIR	SHOWER		Tran	Equip										C	B
2.5 SHARED SUPPORT SPACE	2.5.2	SOILED UTILITY ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.5 SHARED SUPPORT SPACE	2.5.2	SOILED UTILITY ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.5 SHARED SUPPORT SPACE	2.5.2	SOILED UTILITY ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.2	SOILED UTILITY ROOM	100484	1	SHELVING	WIRE		New	Equip				\$1,000					\$1,000	C	C
2.5 SHARED SUPPORT SPACE	2.5.3	HOUSEKEEPING CLOSET	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
2.5 SHARED SUPPORT SPACE	2.5.3	HOUSEKEEPING CLOSET	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip										C	D2
2.5 SHARED SUPPORT SPACE	2.5.3	HOUSEKEEPING CLOSET	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100041AT	1	CART	UTILITY	3 SHELF 36 X 22 X 36"h	Tran	Equip										C	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100776T	1	CONCENTRATOR	OXYGEN	WIPOLE	Tran	Equip	No info found		\$3,200		\$3,200					C	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100776T	1	CONCENTRATOR	OXYGEN	WIPOLE	Tran	Equip	No info found		\$3,200		\$3,200					C	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100776T	1	CONCENTRATOR	OXYGEN	WIPOLE	Tran	Equip	No info found		\$3,200		\$3,200					C	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100231T	1	RADIOGRAPHIC UNIT	MOBILE		Tran	Equip	Apr. 2005	Apr. 2015	\$250,000		\$250,000					A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100220T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE		Tran	Equip	No info found		\$518		\$518					A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100396T	1	STOOL	SURGEON		Tran	Equip										C	C
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100391T	1	STOOL	SURGEON		Tran	Equip										C	C
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100391T	1	STOOL	SURGEON		Tran	Equip										C	C
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100662AT	1	TABLE	GOWN	48 X 24	Tran	Equip										C	C
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100881T	1	VENTILATOR	W/STAND		Tran	Equip	June 2008	June 2017	\$34,000				\$34,000			A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100881T	1	VENTILATOR	W/STAND		Tran	Equip	No info found		\$34,000		\$34,000					A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100881T	1	VENTILATOR	W/STAND		Tran	Equip	No info found		\$34,000		\$34,000					A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100881T	1	VENTILATOR	W/STAND		Tran	Equip	No info found		\$34,000		\$34,000					A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100881T	1	VENTILATOR	W/STAND		Tran	Equip	No info found		\$34,000		\$34,000					A	B
2.5 SHARED SUPPORT SPACE	2.5.4	EQUIPMENT STORAGE ROOM	100074T	1	WARMER	BLOOD/FLUID	WIPOLE	Tran	Equip	Nov. 2003	Nov. 2011	\$4,200		\$4,200					C	B
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100417	2	CHAIR	SIDE	WIARMS	New	Furn				\$260					\$520	C	C
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.5 SHARED SUPPORT SPACE	2.5.6A	OFFICE (STANDARD)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100707	1	CREENZA			New	Furn				\$1,000					\$1,000	C	C
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.5 SHARED SUPPORT SPACE	2.5.6B	OFFICE (STANDARD)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100707	1	CREENZA			New	Furn				\$1,000					\$1,000	C	C
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.5 SHARED SUPPORT SPACE	2.5.7	OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	C	A
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.5 SHARED SUPPORT SPACE	2.5.8A	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.5 SHARED SUPPORT SPACE	2.5.8B	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.5 SHARED SUPPORT SPACE	2.5.9	CONFERENCE ROOM	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C
2.5 SHARED SUPPORT SPACE	2.5.9	CONFERENCE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.9	CONFERENCE ROOM	100417	8	CHAIR	SIDE	W/ARMS	New	Furn				\$2,080					\$2,080	C	C
2.5 SHARED SUPPORT SPACE	2.5.9	CONFERENCE ROOM	100768	1	TABLE	MEETING	84 X 48	New	Furn				\$1,500					\$1,500	C	C
2.5 SHARED SUPPORT SPACE	2.5.9	CONFERENCE ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100417	6	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,560	C	C
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100195	1	REFRIGERATOR	FULL SIZE		New	Equip				\$900					\$900	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.5 SHARED SUPPORT SPACE	2.5.10	STAFF ROOM	100759	1	TABLE	KITCHEN		New	Furn				\$443					\$443	C	C
2.5 SHARED SUPPORT SPACE	2.5.11	STAFF LOCKERS ALCOVE	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
2.5 SHARED SUPPORT SPACE	2.5.12A	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.12A	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12A	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12A	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12A	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12A	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12B	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.5 SHARED SUPPORT SPACE	2.5.12B	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12B	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12B	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12B	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.5 SHARED SUPPORT SPACE	2.5.12B	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100346T	1	PRINTER	LABEL		Tran	Equip										A	A
2.6 LABORATORY	2.6.1	RECEIVING/SORTING WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.6 LABORATORY	2.6.2	PROCESSING WORKSTATION	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
2.6 LABORATORY	2.6.2	PROCESSING WORKSTATION	100486T	1	CENTRIFUGE	BENCHTOP		Tran	Equip	May 2006	May 2016	\$6,000			\$6,000				A	B
2.6 LABORATORY	2.6.2	PROCESSING WORKSTATION	100486	1	CENTRIFUGE	BENCHTOP	TO BE DETERMINED	New	Equip				\$6,000					\$6,000	A	B
2.6 LABORATORY	2.6.2	PROCESSING WORKSTATION	100353A	1	DISPENSER	GLOVE BOX	COUNTERTOP	New	Equip				\$60					\$60	C	B
2.6 LABORATORY	2.6.2	PROCESSING WORKSTATION	100346	1	PRINTER	LABEL		New	Equip				\$2,500					\$2,500	A	A
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100346	1	PRINTER	LABEL		New	Equip				\$2,500					\$2,500	A	A
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100119	1	PRINTER	LEXMARK	T632	New	Equip				\$1,200					\$1,200	A	A
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.6 LABORATORY	2.6.3	REFERRAL/SENT OUT WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100260A	1	EYE WASH STATION	NOT PLUMBED IN		New	Equip				\$100					\$100	C	D2
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100960T	1	REFRIGERATOR	MEDICATION	SINGLE	Tran	Equip	Jan. 2006	Jan. 2018	\$5,500					\$5,500		C	B
2.6 LABORATORY	2.6.4	SHARED SUPPORT SPACE	100537	1	SHELVING	METAL		New	Equip				\$600					\$600	C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100563T	1	ANALYZER	MICROBIOLOGY	W/SET UP STATION	Tran	Equip	Mar. 2009	Mar. 2016	\$30,000			\$30,000				A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100465T	1	CABINET	BIOLOGICAL SAFETY	W/STAND (recertified)	Tran	Equip	No info found		\$10,000						\$1,500	C	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100648T	1	CABINET	FILE	STANDARD, 3 DRAWER	Tran	Furn										C	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100693T	1	CABINET	FILE, STANDARD	2 DRAWER	Tran	Furn										C	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100350	3	CAN	GARBAGE		New	Equip				\$12					\$36	C	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100317T	1	CHAIR	TECH		Tran	Furn										C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100317T	1	CHAIR	TECH		Tran	Furn										C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100317T	1	CHAIR	TECH		Tran	Furn										C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100317T	1	CHAIR	TECH		Tran	Furn										C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100906	3	CONTAINER	SHARPS	COUNTERTOP	New	Equip				\$20					\$60	C	C
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100363A	2	DISPENSER	GLOVE BOX	COUNTERTOP	New	Equip				\$60					\$120	C	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100260A	1	EYE WASH STATION	NOT PLUMBED IN		New	Equip				\$100					\$100	C	D2
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100015T	1	INCUBATOR	CO2	WATER JACKETED	Tran	Equip	Mar. 2008	Mar. 2020	\$3,500							A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100015T	1	INCUBATOR	CO2	WATER JACKETED	Tran	Equip	Mar. 2008	Mar. 2020	\$3,500							A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100015T	1	INCUBATOR	CO2	WATER JACKETED	Tran	Equip	Mar. 2008	Mar. 2020	\$3,500							A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100015T	1	INCUBATOR	CO2	WATER JACKETED	Tran	Equip	Mar. 2008	Mar. 2020	\$3,500							A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100667T	1	INCUBATOR	LAB		Tran	Equip	Jan. 2000	Jan. 2012	\$4,500			\$4,500				A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100487T	1	MICROSCOPE			Tran	Equip	June 2006	June 2021	\$7,000							A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100487T	1	MICROSCOPE			Tran	Equip	June 2006	June 2021	\$7,000							A	B
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100346T	1	PRINTER	LABEL		Tran	Equip										A	A
2.6 LABORATORY	2.6.6	MICROBIOLOGY WORK ROOM	100960T	1	REFRIGERATOR	MEDICATION	SINGLE	Tran	Equip	Jan. 2006	Jan. 2018	\$5,500					\$5,500		B	B
2.6 LABORATORY	2.6.7	TB ANTE ROOM	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
2.6 LABORATORY	2.6.7	TB ANTE ROOM	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
2.6 LABORATORY	2.6.7	TB ANTE ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.6 LABORATORY	2.6.7	TB ANTE ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.6 LABORATORY	2.6.7	TB ANTE ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	G	D2
2.6 LABORATORY	2.6.8	TB WORK ROOM	100650T	1	AUTOCLAVE			Tran	Equip	No info found		\$60,000		\$60,000					A	B
2.6 LABORATORY	2.6.8	TB WORK ROOM	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
2.6 LABORATORY	2.6.8	TB WORK ROOM	100465T	1	CABINET	BIOLOGICAL SAFETY	W/STAND (recertified)	Tran	Equip	No info found		\$10,000						\$1,500	C	B
2.6 LABORATORY	2.6.8	TB WORK ROOM	100773T	1	CENTRIFUGE	REFRIGERATED		Tran	Equip	Apr. 2009	Apr. 2019	\$25,000							A	B
2.6 LABORATORY	2.6.8	TB WORK ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.8	TB WORK ROOM	100064T	1	MYCROBACTERIA TESTING SYSTEM			Tran	Equip	Jan. 2001	Jan. 2009	\$41,000		\$41,000					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100698T	1	ANALYZER	BLOOD GAS		Tran	Equip	Jan. 2005	Jan. 2012	\$41,000		\$41,000					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100640AT	1	ANALYZER	CHEMISTRY	W/COMPUTER	Tran	Equip	Not listed		\$210,000		\$210,000					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100640T	1	ANALYZER	CHEMISTRY	W/COMPUTER	Tran	Equip	Dec. 2008	Dec. 2015	\$210,000		\$210,000					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100592T	1	ANALYZER	COAGULATION		Tran	Equip	Mar. 2009	Mar. 2016	\$193,000			\$193,000				A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100603T	1	ANALYZER	ESR		Tran	Equip	Feb. 2010	Feb. 2017	\$3,000				\$3,000			A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100918T	1	ANALYZER	HEMATOLOGY	W/MONITOR & PRINTER	Tran	Equip	Dec. 2008	Dec. 2015	\$70,000		\$70,000					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100918T	1	ANALYZER	HEMATOLOGY	W/MONITOR & PRINTER	Tran	Equip	Mar. 2008	Mar. 2015	\$70,000		\$70,000					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100813T	1	ANALYZER	ISTAT		Tran	Equip	Oct. 2011	Oct. 2018	\$1,800					\$1,800		A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100813T	1	ANALYZER	ISTAT		Tran	Equip	Oct. 2011	Oct. 2018	\$1,800					\$1,800		A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100060T	1	ANALYZER	URINALYSIS		Tran	Equip	May 2007	May 2014	\$300		\$300					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100661T	1	BATH	WATER	SMALL	Tran	Equip	No info found		\$1,800		\$1,800					B	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100441T	1	BOOKCASE	2 SHELF		Tran	Furn										G	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100418T	1	BOOKCASE	5 SHELF		Tran	Furn										C	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100200T	1	CABINET	FILE LATERAL	4 DRAWER	Tran	Furn										C	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100200T	1	CABINET	FILE LATERAL	4 DRAWER	Tran	Furn										G	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100350	3	CAN	GARBAGE		New	Equip				\$12					\$36	G	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100754T	1	CARDIAC READER			Tran	Equip	No info found		\$12,000		\$1,200					A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100613T	1	CENTRIFUGE			Tran	Equip	Dec. 2011	Dec. 2021	\$4,200							A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100508T	1	CENTRIFUGE	BENCHTOP		Tran	Equip	Apr. 2006	Apr. 2016	\$6,000			\$6,000				A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100317T	1	CHAIR	TECH		Tran	Furn										C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100317T	1	CHAIR	TECH		Tran	Furn										C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100317T	1	CHAIR	TECH		Tran	Furn											C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
2.6 LABORATORY	2.6.9	CORE LABORATORY	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
2.6 LABORATORY	2.6.9	CORE LABORATORY	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
2.6 LABORATORY	2.6.9	CORE LABORATORY	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
2.6 LABORATORY	2.6.9	CORE LABORATORY	100906	3	CONTAINER	SHARPS	COUNTERTOP	New	Equip				\$20					\$60	C	C	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100462T	1	DESK	DOUBLE PEDESTAL	60 X 30	Tran	Furn											C	C
2.6 LABORATORY	2.6.9	CORE LABORATORY	100353A	2	DISPENSER	GLOVE BOX	COUNTERTOP	New	Equip				\$60					\$120	C	B	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100260A	1	EYE WASH STATION	NOT PLUMBED IN		New	Equip				\$100					\$100	C	D2	
2.6 LABORATORY	2.6.9	CORE LABORATORY	100467T	1	HOOD	FUME	COUNTERTOP	Tran	Equip			\$12,000						\$1,500	C	B	
2.6 LABORATORY	2.6.9	CORE LABORATORY	101015AT	1	INCUBATOR	2 DOOR	SIDE BY SIDE	Tran	Equip	No info found		\$7,000	\$7,000							A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100487T	1	MICROSCOPE			Tran	Equip	June 2002	June 2017	\$7,000				\$7,000				A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100487T	1	MICROSCOPE			Tran	Equip	June 2008	June 2023	\$7,000								A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100356T	1	OSMOMETER			Tran	Equip	Aug. 2006	Aug. 2016	\$11,000								A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100203T	1	PRINTER	LEXMARK		Tran	Equip						\$11,000					A	A
2.6 LABORATORY	2.6.9	CORE LABORATORY	100277T	1	ROCKER			Tran	Equip	Jan. 1990	Jan. 2003	\$1,000		\$1,000						A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100277T	1	ROCKER			Tran	Equip	Jan. 1990	Jan. 2003	\$1,000		\$1,000						A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100342T	1	ROTATOR			Tran	Equip	No info found		\$3,600		\$3,600						A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100869T	1	STAINER			Tran	Equip	Aug. 2006	Aug. 2016	\$13,000				\$13,000				A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100341T	1	WARMER	TEST TUBE		Tran	Equip											C	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100127T	1	WORKSTATION	COMPUTER	48 X 32	Tran	Furn											A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100127T	1	WORKSTATION	COMPUTER	48 X 32	Tran	Furn											A	B
2.6 LABORATORY	2.6.9	CORE LABORATORY	100127T	1	WORKSTATION	COMPUTER	48 X 32	Tran	Furn											A	B
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100508T	1	CENTRIFUGE	BENCHTOP		Tran	Equip	Apr. 2006	Apr. 2016	\$6,000				\$6,000				A	B
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100317T	1	CHAIR	TECH		Tran	Furn											C	C
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100317T	1	CHAIR	TECH		Tran	Furn											C	C
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100906	1	CONTAINER	SHARPS	COUNTERTOP	New	Equip				\$20					\$20	C	C	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100353A	1	DISPENSER	GLOVE BOX	COUNTERTOP	New	Equip				\$60					\$60	C	B	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100260A	1	EYE WASH STATION	NOT PLUMBED IN		New	Equip				\$100					\$100	C	D2	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100045T	1	FREEZER	PLASMA		Tran	Equip	Jan. 2006	Jan. 2018	\$11,000					\$11,000			B	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100835T	1		MICRO TYPING SYSTEM		Tran	Equip	No info found		\$16,000		\$16,000						A	A
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100542T	1		PLASME THAWING SYSTEM		Tran	Equip	Jan. 1999	Jan. 2009	\$9,000		\$9,000						A	B
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100346T	1		PRINTER LABEL		Tran	Equip											A	A
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100480T	1		REFRIGERATOR MEDIA	SINGLE DOOR	Tran	Equip	Jan. 2006	Jan. 2018	\$10,000					\$10,000			A	B
2.6 LABORATORY	2.6.10	TRANSFUSION SERVICES0	100075T	1		SHAKER PLATELET		Tran	Equip	May 2011	May 2016	\$2,600			\$2,600					A	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100883T	1		CABINET FLAMABLE		Tran	Equip											C	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100089T	1		CART SUPPLY	66"	Tran	Equip											C	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100882T	1		CART UTILITY	LARGE	Tran	Equip											G	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100260A	1		EYE WASH STATION	NOT PLUMBED IN	New	Equip				\$100					\$100		C	D2
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100602T	1		FREEZER ULTRALOW	-86	Tran	Equip	Jan. 2003	Jan. 2015	\$12,000		\$12,000						A	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100602T	1		FREEZER ULTRALOW	-86	Tran	Equip	Jan. 2010	Jan. 2022	\$12,000								A	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100791T	1		HAMPER LINEN		Tran	Equip											C	C
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100487T	1		MICROSCOPE		Tran	Equip	June 2002	June 2017	\$7,000				\$7,000				A	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100629T	1		REFRIGERATOR LAB		Tran	Equip	Jan. 2006	Jan. 2018	\$5,500					\$5,500			A	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100645T	1		REFRIGERATOR LAB		Tran	Equip	Jan. 2006	Jan. 2018	\$2,200					\$2,200			A	B
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100253T	1		SHELVING HIGH DENSITY		Tran	Equip											C	D2
2.6 LABORATORY	2.6.12	STORAGE W/REFRIGERATOR/FREEZER	100571T	1		SHELVING METAL	ASSORTED SIZES	Tran	Equip											C	C
2.6 LABORATORY	2.6.13	OFFICE	100200	1		CABINET FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
2.6 LABORATORY	2.6.13	OFFICE	100350	1		CAN GARBAGE		New	Equip				\$12					\$12		C	B
2.6 LABORATORY	2.6.13	OFFICE	100417	1		CHAIR SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
2.6 LABORATORY	2.6.13	OFFICE	100043	1		CHAIR TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
2.6 LABORATORY	2.6.13	OFFICE	100051	1		CLOCK WALL	W/SECOND HAND	New	Furn				\$35					\$35		C	C
2.6 LABORATORY	2.6.13	OFFICE	100128	1		COMPUTER PC	W/MONITOR	New	Equip				\$0					\$0		A	A
2.6 LABORATORY	2.6.13	OFFICE	100888	1		TELEPHONE		New	Equip				\$500					\$500		A	A
2.6 LABORATORY	2.6.13	OFFICE	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750		C	D2
2.6 LABORATORY	2.6.14	OFFICE	100200	1		CABINET FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
2.6 LABORATORY	2.6.14	OFFICE	100350	1		CAN GARBAGE		New	Equip				\$12					\$12		C	B
2.6 LABORATORY	2.6.14	OFFICE	100417	1		CHAIR SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
2.6 LABORATORY	2.6.14	OFFICE	100043	1		CHAIR TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
2.6 LABORATORY	2.6.14	OFFICE	100051	1		CLOCK WALL	W/SECOND HAND	New	Furn				\$35					\$35		C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.6 LABORATORY	2.6.14	OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.6 LABORATORY	2.6.14	OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.6 LABORATORY	2.6.14	OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
2.6 LABORATORY	2.6.15	OFFICE/WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
2.6 LABORATORY	2.6.16	CENTRAL WORK AREA	100350	6	CAN	GARBAGE		New	Equip				\$12					\$72	C	B
2.6 LABORATORY	2.6.16	CENTRAL WORK AREA	100043	6	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$3,600	C	C
2.6 LABORATORY	2.6.16	CENTRAL WORK AREA	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
2.6 LABORATORY	2.6.16	CENTRAL WORK AREA	100128	6	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
2.6 LABORATORY	2.6.16	CENTRAL WORK AREA	100129	6	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$3,000	C	B
2.6 LABORATORY	2.6.16	CENTRAL WORK AREA	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A
2.6 LABORATORY	2.6.17	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.6 LABORATORY	2.6.17	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.6 LABORATORY	2.6.17	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.6 LABORATORY	2.6.17	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.6 LABORATORY	2.6.17	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.6 LABORATORY	2.6.17	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
2.7 MORGUE	2.7.1	FAMILY VIEWING AREA	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.7 MORGUE	2.7.1	FAMILY VIEWING AREA	100585	1	LAMP	TABLE/FLOOR		New	Furn				\$80					\$80	C	C
2.7 MORGUE	2.7.1	FAMILY VIEWING AREA	100121	2	SOFA	2 SEAT		New	Furn				\$2,500					\$5,000	C	C
2.7 MORGUE	2.7.1	FAMILY VIEWING AREA	100715	2	SOFA	CHAIR		New	Furn				\$1,569					\$3,138	C	C
2.7 MORGUE	2.7.1	FAMILY VIEWING AREA	100271	1	TABLE	COFFEE		New	Furn				\$750					\$750	C	C
2.7 MORGUE	2.7.1	FAMILY VIEWING AREA	100635	1	TABLE	END		New	Furn				\$600					\$600	C	C
2.7 MORGUE	2.7.2	MORGUE	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
2.7 MORGUE	2.7.2	MORGUE	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
2.7 MORGUE	2.7.2	MORGUE	100386T	1	LIGHT	EXAM	CEILING	Tran	Equip	No info found		\$3,800		\$3,800					B	B
2.7 MORGUE	2.7.2	MORGUE	100250T	1	SCALE	SLING		Tran	Equip	Mar. 1995	Mar. 2010	\$9,000		\$9,000					A	B
2.7 MORGUE	2.7.2	MORGUE	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										A	C
2.7 MORGUE	2.7.2	MORGUE	100844T	1	STRETCHER	MORGUE		Tran	Equip	No info found		\$4,500		\$4,500					A	B
2.7 MORGUE	2.7.2	MORGUE	100844T	1	STRETCHER	MORGUE		Tran	Equip	No info found		\$4,500		\$4,500					A	B
2.7 MORGUE	2.7.2	MORGUE	100844T	1	STRETCHER	MORGUE		Tran	Equip	No info found		\$4,500		\$4,500					A	B
2.7 MORGUE	2.7.2	MORGUE	100844T	1	STRETCHER	MORGUE		Tran	Equip	No info found		\$4,500		\$4,500					A	B
2.7 MORGUE	2.7.2	MORGUE	100844T	1	STRETCHER	MORGUE		Tran	Equip	No info found		\$4,500		\$4,500					A	B
2.7 MORGUE	2.7.2	MORGUE	100844	2	STRETCHER/TRA Y	MORGUE		New	Equip				\$4,500					\$9,000	A	B
2.7 MORGUE	2.7.2	MORGUE	100789	1	TABLE	MORGUE	W/ORGAN SCALE	New	Furn				\$35,000					\$35,000	A	B
2.7 MORGUE	2.7.2	MORGUE	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
2.7 MORGUE	2.7.3	BODY HOLDING	100678	1	LIFT	MORGUE		New	Equip				\$10,000					\$10,000	B	B
2.7 MORGUE	2.7.3	BODY HOLDING	100245	1	REFRIGERATOR	MORGUE	6 DRAWERS	New	Equip				\$137,000					\$137,000	B	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100387	1	CHAIR	TREATMENT	W/TABLE & IV POLE	New	Furn				\$1,800					\$1,800	C	C
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.1	ANTEROOM	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.2	HAND HYGIENE SINK	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.2	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.2	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.3	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.3	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.3	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.3	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.3	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.6	CONTROL ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
2.8 MAGNETIC RESONANCE IMAGING (MRI)	2.8.6	CONTROL ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100129	2	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$1,000	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100754	1	QUEING SYSTEM			New	Equip				\$5,000					\$5,000	C	A
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.1	CHECK-IN/REGISTRATION DESK	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.2	SELF CHECK-IN KIOSK	100373	1	KIOSK	CHECK-IN/INFORMATION		New	Furn				\$3,500					\$3,500	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100350	4	CAN	GARBAGE		New	Equip				\$12					\$48	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	101005	2	CHAIR	SIDE	BARITRIC w/arms	New	Furn				\$1,200					\$2,400	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100199	11	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,200	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100417	11	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,860	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100180	2	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$40	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100121	3	SOFA	2 SEAT		New	Furn				\$2,500					\$7,500	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100635	10	TABLE	END		New	Furn				\$600					\$6,000	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.3	WAITING AREA	100526	1	TELEVISION	FLATSCREEN, 42"		New	Equip				\$1,000					\$1,000	C	A
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.4	CHILD PLAY ALCOVE	100573	4	CHAIR	CHILD		New	Furn				\$30					\$120	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.4	CHILD PLAY ALCOVE	100665	1	PLAYSCAPE			New	Equip				\$5,000					\$5,000	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.4	CHILD PLAY ALCOVE	100658	1	TABLE	CHILD		New	Furn				\$40					\$40	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100349	2	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$40	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100986	2	DISPOSAL	SANITORY		New	Equip				\$35					\$70	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.5	PUBLIC WASHROOM (FEMALE)	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.6	PUBLIC WASHROOM (MALE)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.6	PUBLIC WASHROOM (MALE)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.6	PUBLIC WASHROOM (MALE)	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.6	PUBLIC WASHROOM (MALE)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.6	PUBLIC WASHROOM (MALE)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.6	PUBLIC WASHROOM (MALE)	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.7	PUBLIC WASHROOM (FAMILY/BARIATRIC)	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.8	CONFERENCE ROOM	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.8	CONFERENCE ROOM	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.8	CONFERENCE ROOM	100417	18	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$4,680	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.8	CONFERENCE ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.8	CONFERENCE ROOM	100768	2	TABLE	MEETING	84 X 48	New	Furn				\$1,500					\$3,000	C	C
3.1 AMBULATORY CARE CHECK-IN AREA	3.1.8	CONFERENCE ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1A	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1A	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1A	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1A	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1A	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1A	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1B	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1B	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1B	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1B	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1B	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1B	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1C	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1C	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1C	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1C	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1C	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1C	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1D	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1D	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1D	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1D	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1D	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1D	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1E	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1E	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1E	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1E	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1E	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1E	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1F	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1F	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1F	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1F	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1F	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1F	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1G	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1G	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1G	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1G	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1G	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1G	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	G	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1H	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1H	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1H	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1H	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1H	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.1H	WORKSTATION (CLINICAL PROGRAM ASSISTANTS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	G	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.2	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.2	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.2	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3A	WORKSTATION (REGISTERED NURSES)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3A	WORKSTATION (REGISTERED NURSES)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3A	WORKSTATION (REGISTERED NURSES)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3A	WORKSTATION (REGISTERED NURSES)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3A	WORKSTATION (REGISTERED NURSES)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3A	WORKSTATION (REGISTERED NURSES)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3B	WORKSTATION (REGISTERED NURSES)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3B	WORKSTATION (REGISTERED NURSES)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3B	WORKSTATION (REGISTERED NURSES)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3B	WORKSTATION (REGISTERED NURSES)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3B	WORKSTATION (REGISTERED NURSES)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3B	WORKSTATION (REGISTERED NURSES)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3C	WORKSTATION (REGISTERED NURSES)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3C	WORKSTATION (REGISTERED NURSES)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3C	WORKSTATION (REGISTERED NURSES)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3C	WORKSTATION (REGISTERED NURSES)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3C	WORKSTATION (REGISTERED NURSES)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3C	WORKSTATION (REGISTERED NURSES)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3D	WORKSTATION (REGISTERED NURSES)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3D	WORKSTATION (REGISTERED NURSES)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3D	WORKSTATION (REGISTERED NURSES)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3D	WORKSTATION (REGISTERED NURSES)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3D	WORKSTATION (REGISTERED NURSES)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3D	WORKSTATION (REGISTERED NURSES)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3E	WORKSTATION (REGISTERED NURSES)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3E	WORKSTATION (REGISTERED NURSES)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3E	WORKSTATION (REGISTERED NURSES)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3E	WORKSTATION (REGISTERED NURSES)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3E	WORKSTATION (REGISTERED NURSES)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.3E	WORKSTATION (REGISTERED NURSES)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.4	CLINICAL SUPERVISOR	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.5	NURSE PRACTITIONER (INTERNAM MEDICINE)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.6	NURSE PRACTITIONER (ORTHOPEDIC SURGERY)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.7	NURSE PRACTITIONER (PAEDIATRICS)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.7	NURSE PRACTITIONER (PAEDIATRICS)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.7	NURSE PRACTITIONER (PAEDIATRICS)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.7	NURSE PRACTITIONER (PAEDIATRICS)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.7	NURSE PRACTITIONER (PAEDIATRICS)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.7	NURSE PRACTITIONER (PAEDIATRICS)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100219T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100053T	1	SPHYGMANOMETER	W/BASKET	WALL MOUNTED	Tran	Equip										B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found	good condition	\$5,075							E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8A	EXAM/TREATMENT ROOM (STANDARD)	100095T	1	VIEWBOX	1 PANEL		Tran	Equip										B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100477T	1	CABINET	PROCEDURE	33 X 18	Tran	Equip										C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100497	1	DIAGNOSTIC PANEL	C/W SPHYGMANOMETER,	OTO/IOPHTHAL MOSCOPE THERMOMETER	New	Equip				\$1,300					\$13	B	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$1,300	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8B	EXAM/TREATMENT ROOM (STANDARD)	100702AT	1	TABLE	EXAM	60 X 24 MANUAL	Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100437T	1	BENCH	48 X 18		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100497	1	DIAGNOSTIC PANEL	C/W SPHYGMANOMETER,	OTO/OPHTHALMOSCOPE THERMOMETER	New	Equip				\$1,300					\$1,300	B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100390T	1	STOOL	PHYSICIAN		Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8C	EXAM/TREATMENT ROOM (STANDARD)	100702AT	1	TABLE	EXAM	60 X 24 MANUAL	Tran	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100437T	1	BENCH	48 X 18		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100497	1		DIAGNOSTIC PANEL	C/W SPHYGMANOMETER,		Equip				\$1,300					\$1,300	B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100353	1		DISPENSER	GLOVE BOX	TRIPLE	Equip				\$60					\$60	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100348	1		DISPENSER	SOAP		Equip				\$20					\$20	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100063	1		LIGHT	PROCEDURE / EXAM	PORTABLE	Equip				\$3,200					\$3,200	A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100595T	1		SCALE	INFANT	W/CART	Equip	No info found		\$4,500		\$4,500					A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100702AT	1		TABLE	EXAM	60 X 24 MANUAL	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100662T	1		TABLE	GOWN	34 X 20	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.8D	EXAM/TREATMENT ROOM (STANDARD)	100107T	1		VIEWBOX	2 PANEL		Equip										B	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100040	1		BIN	BIOHAZARD	CONTAMINATED	Equip				\$110					\$110	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100477T	1		CABINET	PROCEDURE	33 X 18	Equip										C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100350	1		CAN	GARBAGE		Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100417	1		CHAIR	SIDE	W/ARMS	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100945AT	1		CHAIR	TREATMENT	OBSTETRICS	Equip	Jan. 1988	Jan. 2000	\$7,000		\$7,000					C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100098	1		CONTAINER	SHARPS	CHILD PROOF	Equip				\$40					\$40	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100353	1		DISPENSER	GLOVE BOX	TRIPLE	Equip				\$60					\$60	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100348	1		DISPENSER	SOAP		Equip				\$20					\$20	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100756T	1		GENERATOR	ELECTROSURGI CAL		Equip	Jan. 2007	Jan. 2015	\$16,500		\$16,500					C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100791T	1		HAMPER	LINEN		Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100063	1		LIGHT	PROCEDURE / EXAM	PORTABLE	Equip				\$3,200					\$3,200	A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100071T	1		MICROSCOPE	OPERATING	SURGICAL	Equip	Jan. 2001	Jan. 2014	\$165,000		\$165,000					A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100385T	1		STOOL	ADJUSTABLE		Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100949T	1		SUCTION	PORTABLE	GOMCO	Equip	No info found			\$2,000		\$2,000				C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100226T	1		TABLE	BEDSIDE	1 DWR, 1 CPBD / 3 DRAWER	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.9	EXAM/TREATMENT ROOM (ISOLATION)	100662T	1		TABLE	GOWN	34 X 20	Equip										C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.10	PPE PREP ALCOVE	100040	1		BIN	BIOHAZARD	CONTAMINATED	Equip				\$110					\$110	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.10	PPE PREP ALCOVE	100352	1		DISPENSER	GOWN/GLOVE	(masks?)	Equip				\$400					\$400	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.10	PPE PREP ALCOVE	100352	1		DISPENSER	GOWN/GLOVE	(masks?)	Equip				\$400					\$400	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.10	PPE PREP ALCOVE	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.10	PPE PREP ALCOVE	100348	1		DISPENSER	SOAP		Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.10	PPE PREP ALCOVE	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.11	WASHROOM (ISOLATION)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.11	WASHROOM (ISOLATION)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.11	WASHROOM (ISOLATION)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.11	WASHROOM (ISOLATION)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.11	WASHROOM (ISOLATION)	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.11	WASHROOM (ISOLATION)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100477T	1	CABINET	PROCEDURE	33 X 18	Tran	Equip										C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100982	1	CHAIR	BARIATRIC		New	Furn				\$1,100					\$1,100	C	C	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found		\$2,000		\$2,000					A	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found	good condition	\$5,075							C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.12	EXAM/TREATMENT (BARIATRIC)	100646T	1		URODYNAMIC MEASURING SYSTEM		Tran	Equip	Nov. 2007	Nov. 2015	\$3,000		\$3,000					A	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.13	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.13	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.13	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.13	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.13	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.13	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.14	PATIENT INTAKE ALCOVE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.14	PATIENT INTAKE ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
3.2 PERMANENT SPECIALISTS CLINIC	3.2.14	PATIENT INTAKE ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.14	PATIENT INTAKE ALCOVE	100261	1	MONITOR	NIBP W/SPO2/THERM OMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.14	PATIENT INTAKE ALCOVE	100502	1	SCALE	PATIENT	ELECTRONIC W/HEIGHT	New	Equip				\$2,500	\$2,500				\$2,500	A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.14	PATIENT INTAKE ALCOVE	100681T	1	STADIOMETER	ADULT		Tran	Equip										A	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.15	MOBILE EQUIPMENT ALCOVE	100229	3	STAXI	W/PADDED SEAT		New	Equip				\$950					\$2,850	A	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.16	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.16	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.16	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17A	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17B	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17C	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17D	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17E	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17F	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17G	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17H	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17I	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17J	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17K	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17L	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17M	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17N	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17O	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.2 PERMANENT SPECIALISTS CLINIC	3.2.17P	PHYSICIAN OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.1	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.1	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.1	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.1	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.1	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.1	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.2A	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.2A	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.2A	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.2A	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.2A	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.2A	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.2B	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.2B	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.2B	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.2B	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.2B	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.2B	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.2C	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.2C	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.2C	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.2C	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.2C	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.2C	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.2D	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.2D	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.2D	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.2D	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.2D	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.2D	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.2F	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.2F	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.2F	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.2F	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.2F	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.2F	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY		
3.3 OUTPATIENT CLINIC	3.3.4	OFFICE EQUIPMENT ALCOVE	100364T	1		PHOTOCOPIER		Tran	Equip											A	A	
3.3 OUTPATIENT CLINIC	3.3.4	OFFICE EQUIPMENT ALCOVE	100724T	1		PHOTOCOPIER	MFP	Tran	Equip												A	A
3.3 OUTPATIENT CLINIC	3.3.4	OFFICE EQUIPMENT ALCOVE	100203T	1		PRINTER	LEXMARK	Tran	Equip												A	A
3.3 OUTPATIENT CLINIC	3.3.5	NURSE PRACTITIONER (ED FOLLOW-UP)	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	☉		B	
3.3 OUTPATIENT CLINIC	3.3.5	NURSE PRACTITIONER (ED FOLLOW-UP)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	☉		B	
3.3 OUTPATIENT CLINIC	3.3.5	NURSE PRACTITIONER (ED FOLLOW-UP)	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C		C	
3.3 OUTPATIENT CLINIC	3.3.5	NURSE PRACTITIONER (ED FOLLOW-UP)	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A		A	
3.3 OUTPATIENT CLINIC	3.3.5	NURSE PRACTITIONER (ED FOLLOW-UP)	100888	1		TELEPHONE		New	Equip				\$500					\$500	A		A	
3.3 OUTPATIENT CLINIC	3.3.5	NURSE PRACTITIONER (ED FOLLOW-UP)	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	☉		D2	
3.3 OUTPATIENT CLINIC	3.3.6	NURSE PRACTITIONER (NWHP & NOW)	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	☉		B	
3.3 OUTPATIENT CLINIC	3.3.6	NURSE PRACTITIONER (NWHP & NOW)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	☉		B	
3.3 OUTPATIENT CLINIC	3.3.6	NURSE PRACTITIONER (NWHP & NOW)	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C		C	
3.3 OUTPATIENT CLINIC	3.3.6	NURSE PRACTITIONER (NWHP & NOW)	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A		A	
3.3 OUTPATIENT CLINIC	3.3.6	NURSE PRACTITIONER (NWHP & NOW)	100888	1		TELEPHONE		New	Equip				\$500					\$500	A		A	
3.3 OUTPATIENT CLINIC	3.3.6	NURSE PRACTITIONER (NWHP & NOW)	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	☉		D2	
3.3 OUTPATIENT CLINIC	3.3.7	NURSE PRACTITIONER (ONCOLOGY)	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	☉		B	
3.3 OUTPATIENT CLINIC	3.3.7	NURSE PRACTITIONER (ONCOLOGY)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	☉		B	
3.3 OUTPATIENT CLINIC	3.3.7	NURSE PRACTITIONER (ONCOLOGY)	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C		C	
3.3 OUTPATIENT CLINIC	3.3.7	NURSE PRACTITIONER (ONCOLOGY)	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A		A	
3.3 OUTPATIENT CLINIC	3.3.7	NURSE PRACTITIONER (ONCOLOGY)	100888	1		TELEPHONE		New	Equip				\$500					\$500	A		A	
3.3 OUTPATIENT CLINIC	3.3.7	NURSE PRACTITIONER (ONCOLOGY)	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	☉		D2	
3.3 OUTPATIENT CLINIC	3.3.8	NURSE PRACTITIONER (VISITING SPECIALIS)	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	☉		B	
3.3 OUTPATIENT CLINIC	3.3.8	NURSE PRACTITIONER (VISITING SPECIALIS)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	☉		B	
3.3 OUTPATIENT CLINIC	3.3.8	NURSE PRACTITIONER (VISITING SPECIALIS)	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C		C	
3.3 OUTPATIENT CLINIC	3.3.8	NURSE PRACTITIONER (VISITING SPECIALIS)	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A		A	
3.3 OUTPATIENT CLINIC	3.3.8	NURSE PRACTITIONER (VISITING SPECIALIS)	100888	1		TELEPHONE		New	Equip				\$500					\$500	A		A	
3.3 OUTPATIENT CLINIC	3.3.8	NURSE PRACTITIONER (VISITING SPECIALIS)	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	☉		D2	
3.3 OUTPATIENT CLINIC	3.3.9	REGISTERED NURSE (PAC)	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	☉		B	
3.3 OUTPATIENT CLINIC	3.3.9	REGISTERED NURSE (PAC)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	☉		B	
3.3 OUTPATIENT CLINIC	3.3.9	REGISTERED NURSE (PAC)	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C		C	
3.3 OUTPATIENT CLINIC	3.3.9	REGISTERED NURSE (PAC)	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A		A	
3.3 OUTPATIENT CLINIC	3.3.9	REGISTERED NURSE (PAC)	100888	1		TELEPHONE		New	Equip				\$500					\$500	A		A	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.9	REGISTERED NURSE (PAC)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.10	CLINICAL COORDINATOR WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.11A	AMBULATORS CARE MANAGER	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.11B	AMBULATORS CARE MANAGER	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100477T	1	CABINET	PROCEDURE	33 X 18	Tran	Equip										C	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100497	1	DIAGNOSTIC PANEL	C/W SPHYGMANOMETER	OTO/IOPHTHAL MOSCOPE THERMOMETER	New	Equip				\$1,300					\$1,300	B	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100792T	1	SAW	CAST	W/VACUUM	Tran	Equip	Nov. 2006	Nov. 2016	\$6,000			\$6,000				A	B
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100702AT	1	TABLE	EXAM	60 X 24 MANUAL	Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.12A	EXAM TREATMENT ROOM (STANDARD)	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	C	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100497	1	DIAGNOSTIC PANEL	C/W SPHYGMANOMETER	OTO/IOPHTHAL MOSCOPE THERMOMETER	New	Equip				\$1,300					\$1,300	B	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100053T	1	SPHYGMANOMETER	W/BASKET	WALL MOUNTED	Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found	good condition	\$5,075							C	B
3.3 OUTPATIENT CLINIC	3.3.12B	EXAM TREATMENT ROOM (STANDARD)	100095T	1	VIEWBOX	1 PANEL		Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100477T	1	CABINET	PROCEDURE	33 X 18	Tran	Equip										C	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 2002	Jan. 2014	\$2,000		\$2,000					A	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100219T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100053T	1	SPHYGMANOMETER	W/BASKET	WALL MOUNTED	Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found	good condition	\$5,075							C	B
3.3 OUTPATIENT CLINIC	3.3.12C	EXAM TREATMENT ROOM (STANDARD)	100095T	1	VIEWBOX	1 PANEL		Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100477T	1	CABINET	PROCEDURE	33 X 18	Tran	Equip										C	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 2002	Jan. 2014	\$2,000		\$2,000					A	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100219T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100053T	1	SPHYGMANOMETER	W/BASKET	WALL MOUNTED	Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found	good condition	\$5,075							C	B
3.3 OUTPATIENT CLINIC	3.3.12D	EXAM/TREATMENT ROOM (STANDARD)	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	C	B
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PORTABLE		New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100219	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	W/RAIL MOUNT	New	Equip				\$1,000					\$1,000	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100053	1	SPHYGMOMANOMETER	WALL MOUNTED	WBASKET	New	Equip				\$375					\$375	B	B
3.3 OUTPATIENT CLINIC	3.3.12E	EXAM TREATMENT ROOM (STANDARD)	100428	1	TABLE	EXAMINATION		New	Equip				\$5,075					\$5,075	C	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	C	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100063	1	LIGHT	PORTABLE		New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100219	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	W/RAIL MOUNT	New	Equip				\$1,000					\$1,000	A	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100053	1	SPHYGMOMANOMETER	WALL MOUNTED	WBASKET	New	Equip				\$375					\$375	B	B
3.3 OUTPATIENT CLINIC	3.3.12F	EXAM TREATMENT ROOM (STANDARD)	100428	1	TABLE	EXAMINATION		New	Equip				\$5,075					\$5,075	C	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100477	1	CABINET	PROCEDURE		New	Equip				\$1,100					\$1,100	C	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100497	1	DIAGNOSTIC PANEL	C/W SPHYGMANOMETER,	OTO/OPHTHALMOSCOPE THERMOMETER	New	Equip				\$1,300					\$1,300	B	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100261T	1	MONITOR	NIBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	Mar. 2008	Mar. 2017	\$5,500				\$5,500			A	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100053T	1	SPHYGMANOMETER	W/BASKET	WALL MOUNTED	Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.13	EXAM/TREATMENT ROOM (ISOLATION)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found	good condition	\$5,075							C	B
3.3 OUTPATIENT CLINIC	3.3.14	PPE PREP ALCOVE	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
3.3 OUTPATIENT CLINIC	3.3.14	PPE PREP ALCOVE	100352	1	DISPENSER	GOWN/GLOVE (masks?)		New	Equip				\$400					\$400	C	B

SUBJECT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.14	PPE PREP ALCOVE	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
3.3 OUTPATIENT CLINIC	3.3.14	PPE PREP ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.14	PPE PREP ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.14	PPE PREP ALCOVE	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
3.3 OUTPATIENT CLINIC	3.3.15	WASHROOM (ISOLATION)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
3.3 OUTPATIENT CLINIC	3.3.15	WASHROOM (ISOLATION)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.15	WASHROOM (ISOLATION)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.15	WASHROOM (ISOLATION)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.15	WASHROOM (ISOLATION)	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.3 OUTPATIENT CLINIC	3.3.15	WASHROOM (ISOLATION)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100477T	1	CABINET	PROCEDURE	33 X 18	Tran	Equip										C	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100982	1	CHAIR	BARIATRIC		New	Furn				\$1,100					\$1,100	C	C
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Mar. 2009	Mar. 2022	\$7,000							A	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100949T	1	SUCTION	PORTABLE	GOMCO	Tran	Equip	No info found		\$2,000		\$2,000					C	B
3.3 OUTPATIENT CLINIC	3.3.16	EXAM/TREATMENT ROOM (BARIATRIC)	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
3.3 OUTPATIENT CLINIC	3.3.17A	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.17A	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.17A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.17A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.17A	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.3 OUTPATIENT CLINIC	3.3.17A	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.17B	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.17B	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.17B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.17B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.17B	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.17B	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.18	PATIENT INTAKE ALCOVE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.18	PATIENT INTAKE ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.18	PATIENT INTAKE ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.18	PATIENT INTAKE ALCOVE	100261T	1	MONITOR	NIBP W/SPO2/THERM OMETER	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,500				\$5,500			A	B
3.3 OUTPATIENT CLINIC	3.3.18	PATIENT INTAKE ALCOVE	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000					A	B
3.3 OUTPATIENT CLINIC	3.3.18	PATIENT INTAKE ALCOVE	100681T	1	STADIOMETER	ADULT		Tran	Equip										A	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	Jan. 2009	Jan. 2017	\$16,500							A	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100816T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Nov. 2012	Nov. 2019	\$21,784							A	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100219T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100063T	1	SPHYGMANOMET ER	WBASKET	WALL MOUNTED	Tran	Equip										B	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100221T	1	SPHYGMOMANOM ETER	MOBILE		Tran	Equip										A	B
3.3 OUTPATIENT CLINIC	3.3.19	MOBILE EQUIPMENT ALCOVE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 2009	Jan. 2022	\$7,000							A	B
3.3 OUTPATIENT CLINIC	3.3.20	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.20	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.3 OUTPATIENT CLINIC	3.3.20	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.3 OUTPATIENT CLINIC	3.3.21	SUPPLY STORAGE	100089	2	CART	SUPPLY	5'	New	Equip				\$1,540					\$3,080	C	B
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.22A	CONSULT/ASSESSMENT ROOM	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.3 OUTPATIENT CLINIC	3.3.22B	CONSULT/ASSESSMENT ROOM	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.22C	CONSULT/ASSESSMENT ROOM	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.3 OUTPATIENT CLINIC	3.3.22D	CONSULT/ASSESSMENT ROOM	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.4 MEDICAL DAY CARE	3.4.1A	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.1A	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.4 MEDICAL DAY CARE	3.4.1A	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
3.4 MEDICAL DAY CARE	3.4.1A	PROVIDER CHARTING WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
3.4 MEDICAL DAY CARE	3.4.1A	PROVIDER CHARTING WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.4 MEDICAL DAY CARE	3.4.1B	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.1B	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.4 MEDICAL DAY CARE	3.4.1B	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
3.4 MEDICAL DAY CARE	3.4.1B	PROVIDER CHARTING WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
3.4 MEDICAL DAY CARE	3.4.1B	PROVIDER CHARTING WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.4 MEDICAL DAY CARE	3.4.1C	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.1C	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.4 MEDICAL DAY CARE	3.4.1C	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
3.4 MEDICAL DAY CARE	3.4.1C	PROVIDER CHARTING WORKSTATION	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
3.4 MEDICAL DAY CARE	3.4.1C	PROVIDER CHARTING WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.4 MEDICAL DAY CARE	3.4.2	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.4 MEDICAL DAY CARE	3.4.4	OFFICE (CLINICAL COORDINATOR)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.4 MEDICAL DAY CARE	3.4.5	ORRICE (CANCER PATIENT NAVIGATOR)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.4 MEDICAL DAY CARE	3.4.6	MEDICAL DAY CARE SUB-WAITING AREA	100417	4	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,040	C	C
3.4 MEDICAL DAY CARE	3.4.6	MEDICAL DAY CARE SUB-WAITING AREA	100417	4	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,040	C	C
3.4 MEDICAL DAY CARE	3.4.6	MEDICAL DAY CARE SUB-WAITING AREA	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600	C	C
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100387	1	CHAIR	TREATMENT	W/TABLE & IV POLE	New	Furn				\$1,800	\$1,800					C	C
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100261	1	MONITOR	NIBP W/SPO2/THERM O METER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100021	1	PUMP	INFUSION	SINGLE CHANNEL, W/POLE	New	Equip				\$6,000					\$6,000	A	B
3.4 MEDICAL DAY CARE	3.4.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 1995	Jan. 2007	\$1,800		\$1,800					C	C
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jun 2006	June 2015	\$5,000		\$5,000					A	B
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100053T	1	SPHYGMANOMET ER	WBASKET	WALL MOUNTED	Tran	Equip										B	B
3.4 MEDICAL DAY CARE	3.4.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.4 MEDICAL DAY CARE	3.4.8	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.8	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.4 MEDICAL DAY CARE	3.4.8	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.8	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.8	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.4 MEDICAL DAY CARE	3.4.8	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.9A	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 1996	Jan. 2008	\$1,800		\$1,800					C	C
3.4 MEDICAL DAY CARE	3.4.9A	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.4 MEDICAL DAY CARE	3.4.9A	TREATMENT CUBICLE (RECLINER CHAIR)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.4 MEDICAL DAY CARE	3.4.9A	TREATMENT CUBICLE (RECLINER CHAIR)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
3.4 MEDICAL DAY CARE	3.4.9A	TREATMENT CUBICLE (RECLINER CHAIR)	100053T	1	SPHYGMANOMET ER	WBASKET	WALL MOUNTED	Tran	Equip										B	B
3.4 MEDICAL DAY CARE	3.4.9A	TREATMENT CUBICLE (RECLINER CHAIR)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.4 MEDICAL DAY CARE	3.4.9B	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 1996	Jan. 2008	\$1,800		\$1,800					C	C
3.4 MEDICAL DAY CARE	3.4.9B	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.4 MEDICAL DAY CARE	3.4.9B	TREATMENT CUBICLE (RECLINER CHAIR)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.4 MEDICAL DAY CARE	3.4.9B	TREATMENT CUBICLE (RECLINER CHAIR)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
3.4 MEDICAL DAY CARE	3.4.9B	TREATMENT CUBICLE (RECLINER CHAIR)	100053T	1	SPHYGMANOMET ER	WBASKET	WALL MOUNTED	Tran	Equip										B	B
3.4 MEDICAL DAY CARE	3.4.9B	TREATMENT CUBICLE (RECLINER CHAIR)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
3.4 MEDICAL DAY CARE	3.4.9C	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 1997	Jan. 2009	\$1,800		\$1,800					C	C
3.4 MEDICAL DAY CARE	3.4.9C	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.4 MEDICAL DAY CARE	3.4.9C	TREATMENT CUBICLE (RECLINER CHAIR)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.4 MEDICAL DAY CARE	3.4.9C	TREATMENT CUBICLE (RECLINER CHAIR)	100021	1	PUMP	INFUSION	SINGLE CHANNEL, W/POLE	New	Equip				\$6,000					\$6,000	A	B
3.4 MEDICAL DAY CARE	3.4.9C	TREATMENT CUBICLE (RECLINER CHAIR)	100053	1	SPHYGMANOMET ER	WALL MOUNTED WBASKET		New	Equip				\$375					\$375	B	B
3.4 MEDICAL DAY CARE	3.4.9C	TREATMENT CUBICLE (RECLINER CHAIR)	100385	1	STOOL	PHYSICIAN	ADJUSTABLE	New	Furn				\$94					\$94	C	C
3.4 MEDICAL DAY CARE	3.4.9D	TREATMENT CUBICLE (RECLINER CHAIR)	100387	1	CHAIR	TREATMENT	W/TABLE & IV POLE	New	Furn				\$1,800					\$1,800	C	C
3.4 MEDICAL DAY CARE	3.4.9D	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.4 MEDICAL DAY CARE	3.4.9D	TREATMENT CUBICLE (RECLINER CHAIR)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.4 MEDICAL DAY CARE	3.4.9D	TREATMENT CUBICLE (RECLINER CHAIR)	100021	1	PUMP	INFUSION	SINGLE CHANNEL, W/POLE	New	Equip				\$6,000					\$6,000	A	B
3.4 MEDICAL DAY CARE	3.4.9D	TREATMENT CUBICLE (RECLINER CHAIR)	100053	1	SPHYGMOMANOMETER	WALL MOUNTED	W/BASKET	New	Equip				\$375					\$375	B	B
3.4 MEDICAL DAY CARE	3.4.9D	TREATMENT CUBICLE (RECLINER CHAIR)	100385	1	STOOL	PHYSICIAN	ADJUSTABLE	New	Furn				\$94					\$94	C	C
3.4 MEDICAL DAY CARE	3.4.10A	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.10A	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
3.4 MEDICAL DAY CARE	3.4.10A	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.10B	HAND HYGIENE SKIN	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.10B	HAND HYGIENE SKIN	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.4 MEDICAL DAY CARE	3.4.10B	HAND HYGIENE SKIN	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
3.4 MEDICAL DAY CARE	3.4.11A	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.4 MEDICAL DAY CARE	3.4.11A	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.4 MEDICAL DAY CARE	3.4.11A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.11A	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.11A	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.4 MEDICAL DAY CARE	3.4.11A	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.11B	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
3.4 MEDICAL DAY CARE	3.4.11B	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
3.4 MEDICAL DAY CARE	3.4.11B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.11B	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
3.4 MEDICAL DAY CARE	3.4.11B	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.4 MEDICAL DAY CARE	3.4.11B	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	101002T	1	CART	PROCEDURE	BEDSIDE	Tran	Equip										C	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	101002T	1	CART	PROCEDURE	BEDSIDE	Tran	Equip										C	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100780T	1	CART	SUPPLY/MED	ARMSTRONG	Tran	Equip										C	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100943T	1	ENDOSCOPY EQUIPMENT	W/CART	c/w image source, illuminator, printer, flushing pump	Tran	Equip	Apr. 2007	Apr 2015	\$80,000		\$80,000					A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	Jan. 2009	Jan. 2017	\$16,500				\$16,500			A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100275T	1	MONITOR	VIEWING	W/STAND	Tran	Equip	No info found		\$1,100		\$1,100					A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100502T	1	SCALE	PATIENT	W/HEIGHT BAR	Tran	Equip	No info found		\$1,000		\$1,000					A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100755T	1	SCALE	WHEELCHAIR		Tran	Equip	June 2001	Jund 2011	\$5,500		\$5,500					A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Dec. 2003	Dec. 2016	\$7,000			\$7,000				A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100621T	1	SUCTION	TREE	W/REGULATOR S & CANNISTERS	Tran	Equip	No info found		\$1,750		\$1,750					A	B
3.4 MEDICAL DAY CARE	3.4.13	MOBILE EQUIPMENT ALCOVE	100903T	1	WARMETTE			Tran	Equip	No info found		\$4,000		\$4,000					C	B
3.4 MEDICAL DAY CARE	3.4.14	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
3.4 MEDICAL DAY CARE	3.4.14	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.4 MEDICAL DAY CARE	3.4.14	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.14	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.4 MEDICAL DAY CARE	3.4.14	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.4 MEDICAL DAY CARE	3.4.14	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.1A	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.5 RENAL CARE UNIT	3.5.1A	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.1A	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.5 RENAL CARE UNIT	3.5.1A	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.5 RENAL CARE UNIT	3.5.1A	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.5 RENAL CARE UNIT	3.5.1B	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.5 RENAL CARE UNIT	3.5.1B	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.1B	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.5 RENAL CARE UNIT	3.5.1B	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.5 RENAL CARE UNIT	3.5.1B	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.5 RENAL CARE UNIT	3.5.1B	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.5 RENAL CARE UNIT	3.5.1C	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.5 RENAL CARE UNIT	3.5.1C	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.1C	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.5 RENAL CARE UNIT	3.5.1C	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.5 RENAL CARE UNIT	3.5.1C	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.5 RENAL CARE UNIT	3.5.1C	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.5 RENAL CARE UNIT	3.5.4	OFFICE (CLINICAL COORDINATOR)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
3.5 RENAL CARE UNIT	3.5.5	OFFICE (NURSE PRACTITIONER - RENAL INSUFFICIENCY CLINIC)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 2003	Jan. 2013			\$1,800					C	C
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100376T	1		HEMODIALYSIS UNIT		Tran	Equip	May 2012	May 2018	\$40,000					\$40,000		A	B
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,000				\$5,000			A	B
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100225T	1	TABLE	OVERBED		Tran	Equip										G	B
3.5 RENAL CARE UNIT	3.5.7A	TREATMENT CUBICLE (RECLINER CHAIR)	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 2003	Jan. 2013	\$1,800		\$1,800					C	C
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100376T	1		HEMODIALYSIS UNIT		Tran	Equip	May 2012	May 2018	\$40,000					\$40,000		A	B
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
3.5 RENAL CARE UNIT	3.5.7B	TREATMENT CUBICLE (RECLINER CHAIR)	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 2003	Jan. 2013	\$1,800		\$1,800					C	C
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100376T	1		HEMODIALYSIS UNIT		Tran	Equip	May 2012	May 2018	\$40,000					\$40,000		A	B
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
3.5 RENAL CARE UNIT	3.5.7C	TREATMENT CUBICLE (RECLINER CHAIR)	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100387	1	CHAIR	TREATMENT	W/TABLE & IV POLE	New	Furn				\$1,800				\$1,800		C	C
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100376	1		HEMODIALYSIS UNIT		New	Equip				\$40,000				\$40,000		A	B
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	G	B
3.5 RENAL CARE UNIT	3.5.7D	TREATMENT CUBICLE (RECLINER CHAIR)	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip	Jan. 2003	Jan. 2013			\$1,800					C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100376T	1	HEMODIALYSIS UNIT			Tran	Equip	May 2012	May 2018	\$40,000					\$40,000		A	B
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
3.5 RENAL CARE UNIT	3.5.7E	TREATMENT CUBICLE (RECLINER CHAIR)	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
3.5 RENAL CARE UNIT	3.5.8A	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.8A	HAND HYGIENE SINK	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.5 RENAL CARE UNIT	3.5.8A	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.8A	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.8B	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.8B	HAND HYGIENE SINK	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.5 RENAL CARE UNIT	3.5.8B	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.8B	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.8B	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.9	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.9	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.9	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.9	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.9	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.5 RENAL CARE UNIT	3.5.9	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100387	1	CHAIR	TREATMENT	W/TABLE & IV POLE	New	Furn				\$1,800					\$1,800	C	C
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100376	1	HEMODIALYSIS UNIT			New	Equip				\$40,000					\$40,000	A	B
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100261	1	MONITOR	NIBP W/SPO2/THERM OMMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
3.5 RENAL CARE UNIT	3.5.10	PRIVATE TREATMENT ROOM	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
3.5 RENAL CARE UNIT	3.5.11	PPE PREP ALCOVE	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.5 RENAL CARE UNIT	3.5.11	PPE PREP ALCOVE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.5 RENAL CARE UNIT	3.5.11	PPE PREP ALCOVE	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
3.5 RENAL CARE UNIT	3.5.11	PPE PREP ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.11	PPE PREP ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.12	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.12	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.5 RENAL CARE UNIT	3.5.12	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.12	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.12	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.5 RENAL CARE UNIT	3.5.12	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
3.5 RENAL CARE UNIT	3.5.13	NOURISHMENT ALCOVE	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
3.5 RENAL CARE UNIT	3.5.16	WATER TREATMENT ROOM/SCALE	100398	1	SCALE	RECESSED	W/WALL BOX DISPLAY	New	Equip				\$5,500					\$5,500	B	B
3.5 RENAL CARE UNIT	3.5.16	WATER TREATMENT ROOM/SCALE	100978	1	WATER TREATMENT	DIALYSIS		New	Equip				\$250,000					\$250,000	C	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100515	1	BUCKET	KICK	WRING & CASTERS	New	Equip				\$200					\$200	C	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100817A	1	DESK	SMALL		New	Furn				\$400					\$400	C	C
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100963	1	LIFT	BIARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100513	1	STAND	MAYO	WITH TRAY	New	Equip				\$575					\$575	A	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
3.6 PROCEDURE SUITE	3.6.1	PROCEDURE ROOM (ISOLATION)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
3.6 PROCEDURE SUITE	3.6.2	PPE PREP ALCOVE	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.6 PROCEDURE SUITE	3.6.2	PPE PREP ALCOVE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.6 PROCEDURE SUITE	3.6.2	PPE PREP ALCOVE	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
3.6 PROCEDURE SUITE	3.6.2	PPE PREP ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.6 PROCEDURE SUITE	3.6.2	PPE PREP ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.3	PATIENT WASHROOM (BARIATRIC)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.6 PROCEDURE SUITE	3.6.3	PATIENT WASHROOM (BARIATRIC)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.6 PROCEDURE SUITE	3.6.3	PATIENT WASHROOM (BARIATRIC)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.3	PATIENT WASHROOM (BARIATRIC)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.3	PATIENT WASHROOM (BARIATRIC)	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.6 PROCEDURE SUITE	3.6.3	PATIENT WASHROOM (BARIATRIC)	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100515	1	BUCKET	KICK	WRING & CASTERS	New	Equip				\$200					\$200	C	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100817A	1	DESK	SMALL		New	Furn				\$400					\$400	C	C
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100063	1	LIGHT	PROCEDURE / EXAM	PORTABLE	New	Equip				\$3,200					\$3,200	A	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100513	1	STAND	MAYO	WITH TRAY	New	Equip				\$575					\$575	C	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100187	1	STRETCHER	WMATTRESS		New	Equip				\$7,000					\$7,000	A	B
3.6 PROCEDURE SUITE	3.6.4	PROCEDURE ROOM (ISOLATION)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
3.6 PROCEDURE SUITE	3.6.5	PPE PREP ALCOVE	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.6 PROCEDURE SUITE	3.6.5	PPE PREP ALCOVE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
3.6 PROCEDURE SUITE	3.6.5	PPE PREP ALCOVE	100352	1	DISPENSER	GOWN/GLOVE	MASKS	New	Equip				\$400					\$400	C	B
3.6 PROCEDURE SUITE	3.6.5	PPE PREP ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.6 PROCEDURE SUITE	3.6.5	PPE PREP ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.6	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.6 PROCEDURE SUITE	3.6.6	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.6 PROCEDURE SUITE	3.6.6	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.6	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.6	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.6 PROCEDURE SUITE	3.6.6	PATIENT WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.6 PROCEDURE SUITE	3.6.7	INPATIENT HOLDING ALCOVE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
3.6 PROCEDURE SUITE	3.6.7	INPATIENT HOLDING ALCOVE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
3.7 SHARED SUPPORT SPACE	3.7.1	MEDICATION ROOM	100076AT	1	DISPENSING UNIT	MEDICATION	MAIN COUNTERTOP	Tran	Equip										A	B
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100182T	1	CART	LINEN		Tran	Equip										C	D2
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100034T	1	CART	LINEN/SUPPLY		Tran	Equip										C	D2
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100031T	1	CART	SPLINT		Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100210T	1	CART	SUPPLY	48"W	Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.2	CLEAN UTILITY ROOM	100856T	1	CART	SUPPLY	ASSORTED SIZES	Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.3	SOILED UTILITY ROOM	100035	1	CART	SSD		New	Equip				\$3,500					\$3,500	C	B
3.7 SHARED SUPPORT SPACE	3.7.4	HOUSEKEEPING CLOSET	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	E	B
3.7 SHARED SUPPORT SPACE	3.7.4	HOUSEKEEPING CLOSET	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip										E	D2
3.7 SHARED SUPPORT SPACE	3.7.4	HOUSEKEEPING CLOSET	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
3.7 SHARED SUPPORT SPACE	3.7.6	MOBILE EQUIPMENT ALCOVE	100487T	1	MICROSCOPE			Tran	Equip	June 2002	June 2017	\$7,000				\$7,000			A	B
3.7 SHARED SUPPORT SPACE	3.7.6	MOBILE EQUIPMENT ALCOVE	100063T	1	SPHYGMANOMETER	WBASKET	WALL MOUNTED	Tran	Equip										B	B
3.7 SHARED SUPPORT SPACE	3.7.6	MOBILE EQUIPMENT ALCOVE	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B
3.7 SHARED SUPPORT SPACE	3.7.6	MOBILE EQUIPMENT ALCOVE	100065T	1	STRETCHER	CAST		Tran	Equip	No info found		\$6,500		\$6,500					A	B
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100199	6	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$1,200	C	C
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100272T	1	COFFEE MAKER	INDUSTRIAL		Tran	Equip										E	B
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100216T	1	MICROWAVE			Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B
3.7 SHARED SUPPORT SPACE	3.7.7	STAFF ROOM	100759	1	TABLE	KITCHEN		New	Furn				\$443					\$443	C	C
3.7 SHARED SUPPORT SPACE	3.7.8	STAFF LOCKERS (ALCOVE)	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
3.7 SHARED SUPPORT SPACE	3.7.9A	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
3.7 SHARED SUPPORT SPACE	3.7.9A	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.7 SHARED SUPPORT SPACE	3.7.9A	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
3.7 SHARED SUPPORT SPACE	3.7.9A	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
3.7 SHARED SUPPORT SPACE	3.7.9A	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.7 SHARED SUPPORT SPACE	3.7.9A	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.7 SHARED SUPPORT SPACE	3.7.9B	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
3.7 SHARED SUPPORT SPACE	3.7.9B	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.7 SHARED SUPPORT SPACE	3.7.9B	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.7 SHARED SUPPORT SPACE	3.7.9B	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
3.7 SHARED SUPPORT SPACE	3.7.9B	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
3.7 SHARED SUPPORT SPACE	3.7.9B	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
3.7 SHARED SUPPORT SPACE	3.7.10	MEDICATION ROOM	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000	A	B
3.7 SHARED SUPPORT SPACE	3.7.11	CLEAN UTILITY ROOM	100182	2	CART	LINEN		New	Equip				\$1,700					\$3,400	G	D2
3.7 SHARED SUPPORT SPACE	3.7.11	CLEAN UTILITY ROOM	100089	4	CART	SUPPLY	5'	New	Equip				\$1,540					\$6,160	C	B
3.7 SHARED SUPPORT SPACE	3.7.12	SOILED UTILITY ROOM	100035	1	CART	SSD		New	Equip				\$3,500					\$3,500	C	B
3.7 SHARED SUPPORT SPACE	3.7.13	HOUSEKEEPING CLOSET	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	E	B
3.7 SHARED SUPPORT SPACE	3.7.13	HOUSEKEEPING CLOSET	100952	1	CART	JANITOR		New	Equip				\$1,600					\$1,600	G	D2
3.7 SHARED SUPPORT SPACE	3.7.13	HOUSEKEEPING CLOSET	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
3.7 SHARED SUPPORT SPACE	3.7.14	EQUIPMENT STORAGE ROOM	100376T	1	HEMODIALYSIS UNIT			Tran	Equip	May 2012	May 2018	\$40,000					\$40,000	A	B	
3.7 SHARED SUPPORT SPACE	3.7.14	EQUIPMENT STORAGE ROOM	100376T	1	HEMODIALYSIS UNIT			Tran	Equip	May 2012	May 2018	\$40,000					\$40,000	A	B	
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100199	6	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$1,200	C	C
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100216	1	MICROWAVE			New	Equip				\$400					\$400	G	B
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100195	1	REFRIGERATOR	FULL SIZE		New	Equip				\$900					\$900	E	B
3.7 SHARED SUPPORT SPACE	3.7.16	STAFF ROOM	100759	1	TABLE	KITCHEN		New	Furn				\$443					\$443	C	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100004T	1	ANAESTHESIA	MACHINE	W/BUILT IN MONITOR	Tran	Equip	Mar. 2001	Mar. 2010	\$142,000		\$142,000					A	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										B	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100242	1	BOOM	SURGICAL		New	Equip				\$33,000					\$33,000	B	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100509	1	BOOM/COLUMN	ANAESTHETIC GAS		New	Equip				\$19,000					\$19,000	B	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100521T	1	CART	ANAESTHETIC		Tran	Equip										G	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100041AT	1	CART	UTILITY	3 SHELF 36 X 22 X 36" h	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	Mar. 2006	Mar. 2014	\$16,500		\$16,500					A	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100421	1	LIGHT	OR DUAL HEAD, LED	W/TWO MONITOR ARMS	New	Equip				\$56,000					\$56,000	B	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100181T	1	MONITOR	PACS VIEW		Tran	Equip	No info found									A	A
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100001	1	OR INTEGRATION	W/ENDO EQUIP.		New	Equip				\$290,000					\$290,000	B	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										A	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										A	C
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100511T	1	TABLE	SURGICAL	GENERAL	Tran	Equip	Jan. 2005	Jan. 2018	\$45,000					\$45,000		A	B
4.1 SURGERY SUITE	4.1.1A	SURGICAL PROCEDURE ROOM 1	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100004T	1	ANAESTHESIA	MACHINE	W/BUILT IN MONITOR	Tran	Equip	Dec. 2004	Dec. 2013	\$142,000		\$142,000					A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100242	1	BOOM	SURGICAL		New	Equip				\$33,000					\$33,000	B	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100509	1	BOOM/COLUMN	ANAESTHETIC GAS		New	Equip				\$19,000					\$19,000	B	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100521T	1	CART	ANAESTHETIC		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100317T	1	CHAIR	TECH		Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	Mar. 2006	Mar. 2014	\$16,500		\$16,500					A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	G	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100421	1	LIGHT	OR DUAL HEAD, LED	W/TWO MONITOR ARMS	New	Equip				\$56,000					\$56,000	B	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100181T	1	MONITOR	PACS VIEW		Tran	Equip	No info found									A	A
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100001	1	OR INTEGRATION	W/ENDO EQUIP.		New	Equip				\$290,000					\$290,000	B	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	G	D2
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100662AT	1	TABLE	GOWN	48 X 24	Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100511T	1	TABLE	SURGICAL	GENERAL	Tran	Equip	Jan. 2005	Jan. 2018	\$45,000					\$45,000		C	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100468T	1	TOURNIQUE			Tran	Equip	Mar. 2006	Mar. 2016	\$15,000			\$15,000				A	B
4.1 SURGERY SUITE	4.1.1B	SURGICAL PROCEDURE ROOM 2	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100242	1	BOOM	SURGICAL		New	Equip				\$33,000					\$33,000	B	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100509	1	BOOM/COLUMN	ANAESTHETIC GAS		New	Equip				\$19,000					\$19,000	B	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100521T	1	CART	ANAESTHETIC		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100353	6	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$360	C	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100943T	1	ENDOSCOPY EQUIPMENT	W/CART	clw image source, illuminator, printer, flushing pump	Tran	Equip	No info found			\$80,000		\$80,000				A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	Mar. 2006	Mar. 2014	\$16,500		\$16,500					A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100421	1	LIGHT	OR DUAL HEAD, LED	W/TWO MONITOR ARMS	New	Equip				\$56,000					\$56,000	B	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100181T	1	MONITOR	PACS VIEW		Tran	Equip	No info found									A	A
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100001	1	OR INTEGRATION	W/ENDO EQUIP.		New	Equip				\$290,000					\$290,000	B	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100889BT	1	SINK	SURGICAL	DOUBLE	Tran	Equip	No info found			\$7,000		\$7,000				C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100889BT	1	SINK	SURGICAL	DOUBLE	Tran	Equip	No info found			\$7,000		\$7,000				C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100889BT	1	SINK	SURGICAL	DOUBLE	Tran	Equip	No info found			\$7,000		\$7,000				C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100662AT	1	TABLE	GOWN	48 X 24	Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100511T	1	TABLE	SURGICAL	GENERAL	Tran	Equip	Jan. 2005	Jan. 2018	\$45,000					\$45,000		C	B
4.1 SURGERY SUITE	4.1.2	SURGICAL OPERATING ROOM (HYBRID)	100107T	1	VIEWBOX	2 PANEL		Tran	Equip										B	B
4.1 SURGERY SUITE	4.1.3	CONTROL ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.3	CONTROL ROOM	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
4.1 SURGERY SUITE	4.1.6	SCRUB SINKS (3)	100350	3	CAN	GARBAGE		New	Equip				\$12					\$36	E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414AT	1	CABINET	STORAGE	CATHETER	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414BT	1	CABINET	STORAGE	OR 122 X 40	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414T	1	CABINET	STORAGE	OR STERILE CORE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414T	1	CABINET	STORAGE	OR STERILE CORE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414T	1	CABINET	STORAGE	OR STERILE CORE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414T	1	CABINET	STORAGE	OR STERILE CORE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100414CT	1	CABINET/CART	STORAGE	OR 60 X 30 X 38"H	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100435T	1	CART	IV/SOLUTION	SINGLE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100031T	1	CART	SPLINT		Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100089T	1	CART	SUPPLY	66"	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100149T	1	CART	SUPPLY	LARGE	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100149T	1	CART	SUPPLY	LARGE	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100423T	1	CART	SUPPLY	S/S W/DRAWERS	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100148T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100041AT	1	CART	UTILITY	3 SHELF 36 X 22 X 36"h	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.7	CLEAN UTILITY ROOM	100413T	1	WARMER	BLANKET	TWO DOOR	Tran	Equip	No info found								\$7,400	C	B
4.1 SURGERY SUITE	4.1.8	SOILED UTILITY ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
4.1 SURGERY SUITE	4.1.8	SOILED UTILITY ROOM	100210T	1	CART	SUPPLY	48"W	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.8	SOILED UTILITY ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.1 SURGERY SUITE	4.1.8	SOILED UTILITY ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
4.1 SURGERY SUITE	4.1.8	SOILED UTILITY ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.8	SOILED UTILITY ROOM	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.10	SOILED CASE CART HOLDING	100763T	1	CART	CASE	OPEN	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.11	ANESTHESIA WORKROOM	100004T	1	ANAESTHESIA	MACHINE	W/BUILT IN MONITOR	Tran	Equip	Mar. 2001	Mar. 2010	\$142,000		\$142,000					A	B
4.1 SURGERY SUITE	4.1.11	ANESTHESIA WORKROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.11	ANESTHESIA WORKROOM	100317	1	CHAIR	TASK W/O ARMS	LAB HEIGHT	New	Furn				\$376					\$376	C	C
4.1 SURGERY SUITE	4.1.11	ANESTHESIA WORKROOM	100841	1	WORKBENCH	SIZE TO BE DETERMINED		New	Equip				\$800					\$800	C	D2
4.1 SURGERY SUITE	4.1.12	ANESTHESIA OFFICE	100648T	1	CABINET	FILE	STANDARD, 3 DRAWER	Tran	Furn										C	B
4.1 SURGERY SUITE	4.1.12	ANESTHESIA OFFICE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.12	ANESTHESIA OFFICE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.1 SURGERY SUITE	4.1.12	ANESTHESIA OFFICE	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.1 SURGERY SUITE	4.1.12	ANESTHESIA OFFICE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
4.1 SURGERY SUITE	4.1.12	ANESTHESIA OFFICE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.1 SURGERY SUITE	4.1.13	FROZEN SECTION LABORATORY	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
4.1 SURGERY SUITE	4.1.13	FROZEN SECTION LABORATORY	100317	1	CHAIR	TASK W/O ARMS	LAB HEIGHT	New	Furn				\$376					\$376	C	C
4.1 SURGERY SUITE	4.1.13	FROZEN SECTION LABORATORY	100999	1	FREEZER	UNDERCOUNTER	LAB	New	Equip				\$5,000					\$5,000	E	B
4.1 SURGERY SUITE	4.1.13	FROZEN SECTION LABORATORY	100487	1	MICROSCOPE			New	Equip				\$7,000					\$7,000	A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100328T	1	CART	AUDIOVISUAL		Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	101001T	1	CART	DENTAL		Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	101002T	1	CART	PROCEDURE	BEDSIDE	Tran	Equip										E	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100041AT	1	CART	UTILITY	3 SHELF 36 X 22 X 36"h	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100044T	1	CHAIR	TASK	W/O ARMS	Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100379T	1	DEFIBRILLATOR	MONITOR		Tran	Equip	Oct. 2003	Oct. 2010	\$16,000		\$16,000					B	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100943T	1	ENDOSCOPY EQUIPMENT	W/CART	clw image source, illuminator, printer, flushing pump	Tran	Equip	No info found			\$80,000		\$80,000				A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100943T	1	ENDOSCOPY EQUIPMENT	W/CART	clw image source, illuminator, printer, flushing pump	Tran	Equip	No info found		\$80,000		\$80,000						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100943T	1	ENDOSCOPY EQUIPMENT	W/CART	clw image source, illuminator, printer, flushing pump	Tran	Equip	No info found		\$80,000		\$80,000						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100843T	1	FLUID MANAGEMENT			Tran	Equip	No info found		\$17,000		\$17,000						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	Nov. 2003	Nov. 2011	\$16,500		\$16,500						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100756T	1	GENERATOR	ELECTROSURGI CAL		Tran	Equip	No info found		\$16,500		\$16,500						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100946T	1	GLIDESCOPE	W/STAND		Tran	Equip	May 2007	May 2022	\$20,000								A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100548T	1	HEADLIGHT	PHYSICIAN	W/LIGHTSOURC E & STAND	Tran	Equip	No info found		\$3,880		\$3,880						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100548T	1	HEADLIGHT	PHYSICIAN	W/LIGHTSOURC E & STAND	Tran	Equip	Jan. 1988	Jan. 2000	\$3,880		\$3,880						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100821T	1	LASER	ALLOWANCE	INDIRECT ATTACHMENT	Tran	Equip	Feb. 2006	Feb. 2015	\$150,000		\$150,000						B	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100847T	1	LIGHT SOURCE			Tran	Equip	Jan. 1996	Jan. 2011	\$1,500		\$1,500						B	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100071T	1	MICROSCOPE	OPERATING	SURGICAL	Tran	Equip	No info found		\$165,000								A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100071T	1	MICROSCOPE	OPERATING	SURGICAL	Tran	Equip	July 1998	July 2010	\$165,000								A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100944T	1	PUMP	PX-1	ON STAND	Tran	Equip	Aug. 2006	Aug. 2013	\$9,000		\$9,000						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000						A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip											A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip											A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Dec. 2003	Dec. 2016	\$7,000			\$7,000					A	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip											C	C
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip											C	C
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100662AT	1	TABLE	GOWN	48 X 24	Tran	Equip											C	C
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100550T	1	TABLE	SURGICAL	FRACTURE	Tran	Equip	Sept. 1992	Sept. 2005	\$25,000		\$25,000						C	B
4.1 SURGERY SUITE	4.1.14	EQUIPMENT STORAGE ROOM	100468T	1	TOURNIQUE			Tran	Equip	Mar. 2006	Mar. 2016	\$15,000			\$15,000					A	B
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100380T	1	CART	EMERGENCY (CRASH)		Tran	Equip											C	B
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100379T	1	DEFIBRILLATOR	MONITOR		Tran	Equip	Jan. 2004	Jan. 2011	\$16,000		\$16,000						B	B
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100943T	1	ENDOSCOPY EQUIPMENT	W/CART	clw image source, illuminator, printer, flushing pump	Tran	Equip	No info found		\$80,000		\$80,000						A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100139T	1	RACK	APRON		Tran	Equip											C	C
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100247T	1	RADIOGRAPHIC UNIT	MOBILE	W/C-ARM	Tran	Equip	June 2001	June 2011	\$250,000		\$250,000						A	B
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100247T	1	RADIOGRAPHIC UNIT	MOBILE	W/C-ARM	Tran	Equip	June 2001	June 2011	\$250,000		\$250,000						A	B
4.1 SURGERY SUITE	4.1.16	MOBILE EQUIPMENT STORAGE	100524T	1	RAPID INFUSER	BLOOD/FLUID		Tran	Equip	Nov. 2003	Nov. 2011	\$14,000		\$14,000						A	B
4.1 SURGERY SUITE	4.1.17	HOUSEKEEPING CLOSET	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
4.1 SURGERY SUITE	4.1.17	HOUSEKEEPING CLOSET	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip											C	D2
4.1 SURGERY SUITE	4.1.17	HOUSEKEEPING CLOSET	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250		C	C
4.1 SURGERY SUITE	4.1.18A	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
4.1 SURGERY SUITE	4.1.18A	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
4.1 SURGERY SUITE	4.1.18A	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
4.1 SURGERY SUITE	4.1.18A	PROVIDER CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0		A	A
4.1 SURGERY SUITE	4.1.18A	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750		C	D2
4.1 SURGERY SUITE	4.1.18B	PROVIDER CHARTING WORKSTATION, PAR	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
4.1 SURGERY SUITE	4.1.18B	PROVIDER CHARTING WORKSTATION, PAR	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
4.1 SURGERY SUITE	4.1.18B	PROVIDER CHARTING WORKSTATION, PAR	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
4.1 SURGERY SUITE	4.1.18B	PROVIDER CHARTING WORKSTATION, PAR	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0		A	A
4.1 SURGERY SUITE	4.1.18B	PROVIDER CHARTING WORKSTATION, PAR	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750		C	D2
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500		A	A
4.1 SURGERY SUITE	4.1.19	CLINICAL COORDINATOR WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750		C	D2
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
4.1 SURGERY SUITE	4.1.20	OPERATING ROOM SUPPLY COORDINATOR	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.1 SURGERY SUITE	4.1.21	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
4.1 SURGERY SUITE	4.1.21	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
4.1 SURGERY SUITE	4.1.21	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
4.1 SURGERY SUITE	4.1.22	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.22	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.22	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.24A	PROVIDER CHARTING WORKSTATION, PAR	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.1 SURGERY SUITE	4.1.24A	PROVIDER CHARTING WORKSTATION, PAR	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.24A	PROVIDER CHARTING WORKSTATION, PAR	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
4.1 SURGERY SUITE	4.1.24A	PROVIDER CHARTING WORKSTATION, PAR	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.1 SURGERY SUITE	4.1.24B	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.1 SURGERY SUITE	4.1.24B	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.24B	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
4.1 SURGERY SUITE	4.1.24B	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.1 SURGERY SUITE	4.1.25A	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.25A	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.25A	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.25B	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.25B	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.25B	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.25C	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.25C	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.25C	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100182T	1	CART	LINEN		Tran	Equip										C	D2
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100423T	1	CART	SUPPLY	S/S W/DRAWERS	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100213T	1	ICE/WATER DISPENSER	COUNTERTOP		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found		\$2,000		\$2,000					A	B
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100077T	1	REFRIGERATOR	MEDICINE	COUNTERTOP	Tran	Equip	Jan. 2010	Jan. 2022								C	B
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100383T	1	WARMER	BLANKET	UNDERCOUNTER	Tran	Equip	Jan. 1988	Jan. 2000	\$4,300		\$4,300					C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY		
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100009T	1	WARMING BLANKET	W/STAND	BEAR HUGGER	Tran	Equip	No info found	July 2005	\$5,000		\$5,000						C	B	
4.1 SURGERY SUITE	4.1.26	CLEAN SUPPLY/MEDICATION ALCOVE	100009T	1	WARMING BLANKET	W/STAND	BEAR HUGGER	Tran	Equip	July 1995	July 2005	\$5,000		\$5,000							C	B
4.1 SURGERY SUITE	4.1.27	SOILED HOLDING ALCOVE, PAR	100791T	1	HAMPER	LINEN		Tran	Equip												C	C
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100		C	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40		C	C	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290		C	C	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60		C	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80		A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80		A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500		C	D2	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500		C	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Jan. 2005	Jan. 2012	\$38,526		\$38,526						A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2011	Jan. 2018	\$3,200					\$3,200			A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500		C	D2	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642		A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 1988	Jan. 2001	\$7,000		\$7,000						A	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100227	1	THERMOMETER	DIGITAL	W/HOLDER	New	Equip				\$750					\$750		B	B	
4.1 SURGERY SUITE	4.1.28A	STRETCHER CUBICLE, PAR	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100		C	D2	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100		C	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40		C	C	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290		C	C	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60		C	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80		A	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80		A	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500		C	D2	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500		C	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Jan. 2005	Jan. 2012	\$38,526		\$38,526						A	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B	
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2011	Jan. 2018	\$3,200					\$3,200			A	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Dec. 2003	Dec. 2016	\$7,000			\$7,000				A	B
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100227	1	THERMOMETER	DIGITAL	W/HOLDER	New	Equip				\$750					\$750	B	B
4.1 SURGERY SUITE	4.1.28B	STRETCHER CUBICLE, PAR	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	E	D2
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	E	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Jan. 2005	Jan. 2012	\$38,526		\$38,526					A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2008	Jan. 2015	\$3,200		\$3,200					A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100227	1	THERMOMETER	DIGITAL	W/HOLDER	New	Equip				\$750					\$750	B	B
4.1 SURGERY SUITE	4.1.28C	STRETCHER CUBICLE, PAR	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100151	1	MONITOR	PHYSIOLOGICAL	W/MOUNT	New	Equip				\$38,526					\$38,526	B	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2008	Jan. 2015	\$3,200		\$3,200						A	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500		C	D2
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642		A	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000		A	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100227	1	THERMOMETER	DIGITAL	W/HOLDER	New	Equip				\$750					\$750		B	B
4.1 SURGERY SUITE	4.1.28D	STRETCHER CUBICLE, PAR	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100		C	D2
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100		C	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40		C	C
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290		C	C
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60		C	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80		A	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80		A	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500		C	D2
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500		C	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100151	1	MONITOR	PHYSIOLOGICAL	W/MOUNT	New	Equip				\$38,526					\$38,526		B	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100021	1	PUMP	INFUSION	SINGLE CHANNEL, W/POLE	New	Equip				\$6,000					\$6,000		A	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2008	Jan. 2015	\$3,200			\$3,200					A	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500		C	D2
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642		A	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000		A	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100227	1	THERMOMETER	DIGITAL	W/HOLDER	New	Equip				\$750					\$750		B	B
4.1 SURGERY SUITE	4.1.29	STRETCHER CUBICLE W/ISOLATION/ANTEROOM	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100		C	D2
4.1 SURGERY SUITE	4.1.30	ENTRY VESTIBULE	100039	1	CART	UNIFORM	CLEAN	New	Equip				\$400					\$400		C	B
4.1 SURGERY SUITE	4.1.31	COATRACK/BOOK STORAGE	101007	1	RACK	BOOT		New	Equip				\$60					\$60		C	C
4.1 SURGERY SUITE	4.1.31	COATRACK/BOOK STORAGE	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600		C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.32	MALE STAFF LOCKERS/CHANGING AREA	100437	1	BENCH			New	Equip				\$400					\$400	C	C
4.1 SURGERY SUITE	4.1.32	MALE STAFF LOCKERS/CHANGING AREA	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.32	MALE STAFF LOCKERS/CHANGING AREA	100801	10	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$2,000	C	C
4.1 SURGERY SUITE	4.1.33	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.33	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.33	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.34	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.34	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.34	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.34	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.34	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.35	STAFF WASHROOM/SHOWER	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.35	STAFF WASHROOM/SHOWER	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.35	STAFF WASHROOM/SHOWER	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.35	STAFF WASHROOM/SHOWER	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.35	STAFF WASHROOM/SHOWER	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.36	ENTRY VESTIBULE	100039	1	CART	UNIFORM	CLEAN	New	Equip				\$400					\$400	C	B
4.1 SURGERY SUITE	4.1.37	COATRACK/BOOK STORAGE	101007	1	RACK	BOOT		New	Equip				\$60					\$60	C	C
4.1 SURGERY SUITE	4.1.37	COATRACK/BOOK STORAGE	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600	C	C
4.1 SURGERY SUITE	4.1.38	FEMALE STAFF LOCKERS/CHANGING AREA	100437T	1	BENCH	48 X 18		Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.38	FEMALE STAFF LOCKERS/CHANGING AREA	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.38	FEMALE STAFF LOCKERS/CHANGING AREA	100801	20	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$4,000	C	C
4.1 SURGERY SUITE	4.1.39	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.39	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.39	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.40	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.40	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.40	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.40	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.40	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
4.1 SURGERY SUITE	4.1.40	STAFF WASHROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.41	STAFF WASHROOM/SHOWER	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.1 SURGERY SUITE	4.1.41	STAFF WASHROOM/SHOWER	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.1 SURGERY SUITE	4.1.41	STAFF WASHROOM/SHOWER	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.41	STAFF WASHROOM/SHOWER	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.41	STAFF WASHROOM/SHOWER	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
4.1 SURGERY SUITE	4.1.41	STAFF WASHROOM/SHOWER	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100272T	1	COFFEE MAKER	INDUSTRIAL		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100216T	1	MICROWAVE			Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100121T	1	SOFA	2 SEATER		Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100447T	1	SOFA	3 SEATER		Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100226T	1	TABLE	BEDSIDE	1 DWR, 1 CPBD / 3 DRAWER	Tran	Equip										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100271T	1	TABLE	COFFEE		Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100635T	1	TABLE	END		Tran	Furn										C	C
4.1 SURGERY SUITE	4.1.42	STAFF LOUNGE	100590T	1	TABLE	MEETING	42" DIAMETER	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100982	2	CHAIR	BARIATRIC		New	Furn				\$1,100					\$2,200	C	C
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100417	10	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,600	C	C
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100121	2	SOFA	2 SEAT		New	Furn				\$2,500					\$5,000	C	C
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100715	4	SOFA	CHAIR		New	Furn				\$1,569					\$6,276	C	C
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100635	5	TABLE	END		New	Furn				\$600					\$3,000	C	C
4.2 PROCEDURE UNIT	4.2.1	FAMILY/VISITOR LOUNGE	100526	1	TELEVISION	FLATSCREEN, 42"		New	Equip				\$1,000					\$1,000	C	A
4.2 PROCEDURE UNIT	4.2.2	CLINICAL WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.2 PROCEDURE UNIT	4.2.2	CLINICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.2	CLINICAL WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.2	CLINICAL WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.2	CLINICAL WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
4.2 PROCEDURE UNIT	4.2.2	CLINICAL WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.3A	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.3A	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.3A	PROVIDER CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.3A	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.3B	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.3B	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.3B	PROVIDER CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.3B	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.3C	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.3C	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.3C	PROVIDER CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.3C	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.4	PHYSICIAN DICTATION CUBICLE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.4	PHYSICIAN DICTATION CUBICLE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.4	PHYSICIAN DICTATION CUBICLE	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
4.2 PROCEDURE UNIT	4.2.5	COORDINATOR WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.6	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
4.2 PROCEDURE UNIT	4.2.6	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
4.2 PROCEDURE UNIT	4.2.6	OFFICE EQUIPMENT ALCOVE	100672T	1	PRINTER	LASER	KODAK	Tran	Equip										A	A
4.2 PROCEDURE UNIT	4.2.7	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.7	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.7	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.9	OUTPATIENT SUB-WAITING ALCOVE	100417	3	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$780	C	C
4.2 PROCEDURE UNIT	4.2.9	OUTPATIENT SUB-WAITING ALCOVE	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.9	OUTPATIENT SUB-WAITING ALCOVE	100447T	1	SOFA	3 SEATER		Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.9	OUTPATIENT SUB-WAITING ALCOVE	100635T	1	TABLE	END		Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.9	OUTPATIENT SUB-WAITING ALCOVE	100947T	1	TELEVISION	32" FLATSCREEN	W/MOUNT & DVD	Tran	Equip										C	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100261	1	MONITOR	NIBP W/SPO2/THERM OMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
4.2 PROCEDURE UNIT	4.2.10	PATIENT INTAKE ALCOVE	100502	1	SCALE	PATIENT	ELECTRONIC W/HEIGHT	New	Equip				\$2,500					\$2,500	A	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100242	1	BOOM	SURGICAL		New	Equip				\$33,000					\$33,000	B	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100943	1	ENDOSCOPY EQUIPMENT			New	Equip				\$80,000					\$80,000	A	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100404	1	LIGHT	MINOR SURGICAL		New	Equip				\$22,000					\$22,000	B	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100513	1	STAND	MAYO	WITH TRAY	New	Equip				\$575					\$575	A	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100662A	1	TABLE	GOWN	30 X 12"	New	Equip				\$400					\$400	C	C
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100511	1	TABLE	SURGICAL	GENERAL	New	Equip				\$45,000					\$45,000	E	B
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
4.2 PROCEDURE UNIT	4.2.11A	PROCEDURE ROOM (GI ENDOSCOPY)	100127	1	WORKSTATION	COMPUTR	WIKEYBOARD	New	Furn				\$383					\$383	A	C
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	E	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100242	1	BOOM	SURGICAL		New	Equip				\$33,000					\$33,000	B	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100943	1	ENDOSCOPY EQUIPMENT			New	Equip				\$80,000					\$80,000	A	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100404	1	LIGHT	MINOR SURGICAL		New	Equip				\$22,000					\$22,000	B	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100513	1	STAND	MAYO	WITH TRAY	New	Equip				\$575					\$575	A	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100662A	1	TABLE	GOWN	30 X 12"	New	Equip										C	C
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100511	1	TABLE	SURGICAL	GENERAL	New	Equip				\$45,000					\$45,000	C	B
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.11B	PROCEDURE ROOM (GI ENDOSCOPY)	100127	1	WORKSTATION	COMPUTR	WIKEYBOARD	New	Furn				\$383					\$383	A	C
4.2 PROCEDURE UNIT	4.2.12	SCOPE STORAGE ROOM	100425	2	CABINET	SCOPE STORAGE		New	Equip				\$3,000					\$6,000	C	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100156T	1	ASPIRATOR	UTERINE		Tran	Equip	March 2008	March 2019	\$4,000							A	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100386T	1	LIGHT	EXAM	CEILING	Tran	Equip	Jan. 1988	Jan. 2001	\$3,800		\$3,800					B	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	May 2009	May 2018	\$5,000					\$5,000		A	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100807B	1	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100806T	1	STOOL	W/WHEELS		Tran	Equip										C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100226T	1	TABLE	BEDSIDE	1 DWR, 1 CPBD / 3 DRAWER	Tran	Equip										C	C
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100428T	1	TABLE	EXAMINATION		Tran	Equip	No info found		\$5,075		\$5,075					C	B
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100662T	1	TABLE	GOWN	34 X 20	Tran	Equip										C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.13	PROCEDURE ROOM (MULTI-PURPOSE)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.14	NOW WAITING AREA	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.14	NOW WAITING AREA	100417	6	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,560	C	C
4.2 PROCEDURE UNIT	4.2.14	NOW WAITING AREA	100635	2	TABLE	END		New	Furn				\$600					\$1,200	C	C
4.2 PROCEDURE UNIT	4.2.15	3 BAY RECOVERY AREA	100387	3	CHAIR	TREATMENT	W/TABLE & IV POLE	New	Furn				\$1,800					\$5,400	C	C
4.2 PROCEDURE UNIT	4.2.16	OFFICE WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.2 PROCEDURE UNIT	4.2.16	OFFICE WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.16	OFFICE WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.16	OFFICE WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.16	OFFICE WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
4.2 PROCEDURE UNIT	4.2.16	OFFICE WORKSTATION	100198	1	WORKSTATION		SYSTEMMILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.17A	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.17A	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.17A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.17A	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.17A	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
4.2 PROCEDURE UNIT	4.2.17B	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.17B	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.17B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.17B	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.17B	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
4.2 PROCEDURE UNIT	4.2.18	MOBILE EQUIPMENT ALCOVE	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
4.2 PROCEDURE UNIT	4.2.19A	STAFF CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.2 PROCEDURE UNIT	4.2.19A	STAFF CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.19A	STAFF CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.19A	STAFF CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
4.2 PROCEDURE UNIT	4.2.19A	STAFF CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEMMILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.19B	STAFF CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
4.2 PROCEDURE UNIT	4.2.19B	STAFF CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.19B	STAFF CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
4.2 PROCEDURE UNIT	4.2.19B	STAFF CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
4.2 PROCEDURE UNIT	4.2.19B	STAFF CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEMMILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
4.2 PROCEDURE UNIT	4.2.20A	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.20A	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.20A	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.20B	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.20B	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.20B	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.20C	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.20C	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.20C	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100261	1	MONITOR		NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip			\$5,000					\$5,000	B	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000							A	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.21A	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100261	1	MONITOR		NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip			\$5,000					\$5,000	A	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000							A	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.21B	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	G	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100261	1	MONITOR		NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip			\$5,000					\$5,000	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip											A	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000								A	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
4.2 PROCEDURE UNIT	4.2.21C	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn											C	C
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100261	1	MONITOR		NIBP W/SPO2/THERM OMMETER	STAND OR WALL MOUNT	New	Equip			\$5,000					\$5,000	A	B	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100017T	1	POLE	IV		Tran	Equip											A	B
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 2010	Jan. 2023	\$7,000								A	B
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
4.2 PROCEDURE UNIT	4.2.21D	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100261AT	1	MONITOR		NIBP/SPO2	W/STAND	Tran	Equip	Oct. 2010	Oct. 2019	\$5,000							A	B
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip											A	B
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 2001	Jan. 2014	\$7,000		\$7,000						A	B
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
4.2 PROCEDURE UNIT	4.2.21E	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn											C	C
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2	
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100261AT	1	MONITOR		NIBP/SPO2	W/STAND	Tran	Equip	June 2011	June 2020	\$5,000							A	B
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip											A	B
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 2001	Jan. 2014	\$7,000		\$7,000					A	B
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.21F	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	G	D2
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	June 2004	June 2013	\$5,000		\$5,000					A	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Mar. 2008	Mar. 2021	\$7,000							A	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.21G	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	June 2008	June 2017	\$5,000				\$5,000			A	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000							A	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.21H	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100261T	1	MONITOR	NIBP W/SPO2/THERM OMETER	W/STAND	Tran	Equip	June 2004	June 2013	\$5,500		\$5,500					A	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	May 2008	May 2021	\$7,000							A	B
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.21I	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100199T	1	CHAIR	SIDE	W/O ARMS STACKING	Tran	Furn										C	C
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100261	1	MONITOR	NIBP W/SPO2/THERM OMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100092T	1	POLE	IV	FLOOR	Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100221T	1	SPHYGOMANOM ETER	MOBILE		Tran	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000							A	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100225T	1	TABLE	OVERBED		Tran	Equip										G	B
4.2 PROCEDURE UNIT	4.2.21J	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100261	1	MONITOR	NIBP W/SPO2/THERM OMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100092	1	POLE	I.V.	FLOOR	New	Equip				\$175					\$175	A	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100184	1	STRETCHER	EMERGENCY	HILLROM	New	Equip										A	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
4.2 PROCEDURE UNIT	4.2.21K	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100261	1	MONITOR	NIBP W/SPO2/THERM OMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100092	1	POLE	I.V.	FLOOR	New	Equip				\$175					\$175	A	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100184	1	STRETCHER	EMERGENCY	HILLROM	New	Equip										A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
4.2 PROCEDURE UNIT	4.2.21L	STRETCHER CUBICLE	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100261	1	MONITOR		NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip			\$5,000					\$5,000	A	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100221	1	SPHYGMOMANOMETER	MOBILE		New	Equip				\$212					\$212	A	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100184	1	STRETCHER	EMERGENCY	HILLROM	New	Equip										A	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
4.2 PROCEDURE UNIT	4.2.22	STRETCHER ROOM	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
4.2 PROCEDURE UNIT	4.2.23	ENSUITE WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
4.2 PROCEDURE UNIT	4.2.23	ENSUITE WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
4.2 PROCEDURE UNIT	4.2.23	ENSUITE WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.23	ENSUITE WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
4.2 PROCEDURE UNIT	4.2.23	ENSUITE WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
4.2 PROCEDURE UNIT	4.2.24A	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.24A	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.24A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
4.2 PROCEDURE UNIT	4.2.24A	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
4.2 PROCEDURE UNIT	4.2.24A	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
4.2 PROCEDURE UNIT	4.2.24B	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
4.2 PROCEDURE UNIT	4.2.24B	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.24B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.24B	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.24B	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	E	D2
4.2 PROCEDURE UNIT	4.2.25	CLEAN UTILITY ROOM	100008T	1	CART	PAR		Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.25	CLEAN UTILITY ROOM	100991T	1	CART	SUPPLY	36"W	Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.26	SOILED UTILITY ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	E	B
4.2 PROCEDURE UNIT	4.2.26	SOILED UTILITY ROOM	100991T	1	CART	SUPPLY	36"W	Tran	Equip										C	B
4.2 PROCEDURE UNIT	4.2.26	SOILED UTILITY ROOM	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
4.2 PROCEDURE UNIT	4.2.26	SOILED UTILITY ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
4.2 PROCEDURE UNIT	4.2.26	SOILED UTILITY ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
4.2 PROCEDURE UNIT	4.2.26	SOILED UTILITY ROOM	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	E	B
4.2 PROCEDURE UNIT	4.2.27	MEDICATION ROOM	100077	1	REFRIGERATOR	MEDICINE, U/C	ALARMED	New	Equip				\$2,000					\$2,000	E	B
4.2 PROCEDURE UNIT	4.2.28	STORAGE ROOM	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000	A	B
4.2 PROCEDURE UNIT	4.2.29	HOUSEKEEPING CLOSET	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
4.2 PROCEDURE UNIT	4.2.29	HOUSEKEEPING CLOSET	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip											C	D2
4.2 PROCEDURE UNIT	4.2.29	HOUSEKEEPING CLOSET	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100199	6	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$1,200	C	C	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100218T	1	REFRIGERATOR	UNDERCOUNTER	ASSORTED SIZES	Tran	Equip										C	B	
4.2 PROCEDURE UNIT	4.2.30	STAFF ROOM	100759	1	TABLE	KITCHEN		New	Furn				\$443					\$443	C	C	
4.2 PROCEDURE UNIT	4.2.31	STAFF LOCKER ALCOVE	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C	
4.2 PROCEDURE UNIT	4.2.32	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
4.2 PROCEDURE UNIT	4.2.32	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2	
4.2 PROCEDURE UNIT	4.2.32	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
4.2 PROCEDURE UNIT	4.2.32	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
4.2 PROCEDURE UNIT	4.2.32	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100350	3	CAN	GARBAGE		New	Equip				\$12					\$36	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100573T	1	CHAIR	CHILD		Tran	Furn										C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100573T	1	CHAIR	CHILD		Tran	Furn										C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	101005	2	CHAIR	SIDE	BIARIATRIC w/arms	New	Furn				\$1,200					\$2,400	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100417	10	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100180	2	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$40	E	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100665	1	PLAYSCAPE			New	Equip				\$5,000					\$5,000	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100121	4	SOFA	2 SEAT		New	Furn				\$2,500					\$10,000	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn										C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100635	4	TABLE	END		New	Furn				\$600					\$2,400	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.1	WAITING AREA	100526	1	TELEVISION	FLATSCREEN, 42"		New	Equip				\$1,000					\$1,000	C	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.2	MALE PATIENT CHANGING/WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.2	MALE PATIENT CHANGING/WASHROOM	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.2	MALE PATIENT CHANGING/WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.2	MALE PATIENT CHANGING/WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.2	MALE PATIENT CHANGING/WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.2	MALE PATIENT CHANGING/WASHROOM	100801	6	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$1,200	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.3	FEMALE PATIENT CHANGING/WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.3	FEMALE PATIENT CHANGING/WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.3	FEMALE PATIENT CHANGING/WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.3	FEMALE PATIENT CHANGING/WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.3	FEMALE PATIENT CHANGING/WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.3	FEMALE PATIENT CHANGING/WASHROOM	100801	6	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$1,200	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.4	RECEPTION/CLERICAL WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.4	RECEPTION/CLERICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.4	RECEPTION/CLERICAL WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.4	RECEPTION/CLERICAL WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.4	RECEPTION/CLERICAL WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.4	RECEPTION/CLERICAL WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5A	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5A	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5A	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5A	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5A	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5B	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5B	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5B	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5B	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5B	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5C	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5C	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5C	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5C	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.5C	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6A	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6A	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6A	PROVIDER CHARTING WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6A	PROVIDER CHARTING WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6A	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6B	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6B	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6B	PROVIDER CHARTING WORKSTATION	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6B	PROVIDER CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6B	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6C	PROVIDER CHARTING WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6C	PROVIDER CHARTING WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6C	PROVIDER CHARTING WORKSTATION	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6C	PROVIDER CHARTING WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.6C	PROVIDER CHARTING WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7A	CLERICAL WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7A	CLERICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7A	CLERICAL WORKSTATION	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7A	CLERICAL WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7A	CLERICAL WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7B	CLERICAL WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7B	CLERICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7B	CLERICAL WORKSTATION	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7B	CLERICAL WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.7B	CLERICAL WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.8	OFFICE EQUIPMENT ALCOVE	100131T	1	FAX	CANON		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.8	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.8	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.9	HAND HYGIENE SINK	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.9	HAND HYGIENE SINK	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.9	HAND HYGIENE SINK	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100417	3	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$780	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.10	OFFICE OUTPATIENT REHABILITATION MANAGER	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.11	OFFICE SUPERVISOR OT	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.12	OFFICE SUPERVISOR PT	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.13	OFFICE SUPERVISOR SLP	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100470T	1	TABLE	EXERCISE		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100470T	1	TABLE	EXERCISE		Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14A	CONSULT/ASSESSMENT ROOM	100836T	1	TABLE	WORK	ASSORTED SIZES	Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14B	CONSULT/ASSESSMENT ROOM	100836T	1	TABLE	WORK	ASSORTED SIZES	Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100573	1	CHAIR	CHILD		New	Furn				\$30					\$30	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100470T	1	TABLE	EXERCISE		Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.14C	CONSULT/ASSESSMENT ROOM	100836T	1	TABLE	WORK	ASSORTED SIZES	Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100497	1	DIAGNOSTIC PANEL	C/W SPHYGMANOMETER,	OTO/OPHTHAL MOSCOPE THERMOMETER	New	Equip				\$1,300					\$1,300	B	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100860T	1	PLINTH			Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.15	EXAM/TREATMENT ROOM STANDARD	100440T	1	STOOL	PHYSIO		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100771T	1	BARS	PARALLEL		Tran	Equip	No info found		\$4,000		\$4,000						C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100339T	1	BICYCLE	EXERCISE	RECUMBENT	Tran	Equip	No info found		\$2,300		\$2,300						C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100381T	1	CAGE RACK	PHYSIO	ASSORTED SIZE	Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100381T	1	CAGE RACK	PHYSIO	ASSORTED SIZE	Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100350	6	CAN	GARBAGE		New	Equip				\$12					\$72	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100182T	1	CART	LINEN		Tran	Equip											C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100990T	1	CART	MOTILITY	W/EQUIPMENT	Tran	Equip	Nov. 2009	Nov. 2018		\$5,500				\$5,500			C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100990T	1	CART	MOTILITY	W/EQUIPMENT	Tran	Equip	Jan. 2010	Jan. 2019		\$5,500							C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100990T	1	CART	MOTILITY	W/EQUIPMENT	Tran	Equip	Jan. 2010	Jan. 2019		\$5,500							C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100990T	1	CART	MOTILITY	W/EQUIPMENT	Tran	Equip	Jan. 2005	Jan. 2014	\$5,500		\$5,500						C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100199	9	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$1,800		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100043	5	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$3,000		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100051	2	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$70		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100827T	1	DIATHERMY UNIT	MICROWAVE		Tran	Equip	Jan. 1992	Jan. 2002	\$1,200		\$1,200						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100886T	1	ERGOMETER	ARM / LEG		Tran	Equip	No info found		\$1,200		\$1,200						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100886T	1	ERGOMETER	ARM / LEG		Tran	Equip	No info found		\$1,200		\$1,200						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100885T	1	ERGOMETER	BIKE		Tran	Equip	Jan. 1999	Jan. 2007	\$1,500		\$1,500						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100885T	1	ERGOMETER	BIKE		Tran	Equip	Jan. 1999	Jan. 2007	\$1,500		\$1,500						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100180	2	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$40		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100849T	1	HYDROCLULATOR			Tran	Equip	Jan. 1995	Jan. 2005	\$3,195		\$3,195						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100213T	1	ICE/WATER DISPENSER	COUNTERTOP		Tran	Equip											B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100126T	1	MIRROR	PORTABLE		Tran	Equip											A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100860T	1	PLINTH			Tran	Equip											B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100860T	1	PLINTH			Tran	Equip											B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100551T	1	PLINTH	BOBATH		Tran	Equip											B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100551T	1	PLINTH	BOBATH		Tran	Equip											B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100551T	1	PLINTH	BOBATH		Tran	Equip											B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100405T	1	RACK	WEIGHT	MOBILE	Tran	Equip											B	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100405AT	1	RACK	WEIGHT	WALL	Tran	Equip											B	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100440T	1		STOOL	PHYSIO		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100470T	1		TABLE	EXERCISE		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100225T	1		TABLE	OVERBED		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100225T	1		TABLE	OVERBED		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100764T	1		TABLE	WORK	36 X 36	Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100836T	1		TABLE	WORK	ASSORTED SIZES	Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100541T	1		TABLE	WORK	OT	Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.16	OPEN TREATMENT GYM	100168T	1		TREADMILL			Tran	Equip	Mar. 2011	Mar. 2021	\$8,500							A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.17	QUIET TREATMENT ROOM	100350	1		CAN	GARBAGE		New	Equip			\$12					\$12		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.17	QUIET TREATMENT ROOM	100199	1		CHAIR	SIDE	W/O ARMS	New	Furn			\$200					\$200		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.17	QUIET TREATMENT ROOM	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$160		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.17	QUIET TREATMENT ROOM	100348	1		DISPENSER	SOAP		New	Equip			\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.17	QUIET TREATMENT ROOM	100860AT	1		PLINTH	TRACTION		Tran	Equip										B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.17	QUIET TREATMENT ROOM	100440T	1		STOOL	PHYSIO		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.18	WHIRLPOOL ROOM	100350	1		CAN	GARBAGE		New	Equip			\$12					\$12		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.18	WHIRLPOOL ROOM	100433T	1		CART	UTILITY	2 SHELF S/S	Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.18	WHIRLPOOL ROOM	100199	1		CHAIR	SIDE	W/O ARMS	New	Furn			\$200					\$200		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.18	WHIRLPOOL ROOM	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$160		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.18	WHIRLPOOL ROOM	100348	1		DISPENSER	SOAP		New	Equip			\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.18	WHIRLPOOL ROOM	100489T	1		TUB	BURN	MOBILE	Tran	Equip	Apr. 1996	Apr. 2009	\$3,000	\$3,000						B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100200	1		CABINET	FILE LATERAL	4 DRAWER	New	Furn			\$800					\$800		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100350	4		CAN	GARBAGE		New	Equip			\$12					\$48		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100041AT	1		CART	UTILITY	3 SHELF 36 X 22 X 36"h	Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100038T	1		CART	UTILITY	RUBBERMAID	Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100199	7		CHAIR	SIDE	W/O ARMS	New	Furn			\$200					\$1,400		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100043	1		CHAIR	TASK	WITH ARMS	New	Furn			\$600					\$600		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100051	1		CLOCK	WALL	W/SECOND HAND	New	Furn			\$35					\$35		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100128T	1		COMPUTER	PC	W/MONITOR	Tran	Equip										A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100012T	1	DOPPLER	ULTRASONIC		Tran	Equip	No info found		\$3,000		\$3,000					A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100837T	1	DRYER	DOMESTIC		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100988	1	HOOD	RANGE		New	Equip				\$250					\$250	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100216T	1	MICROWAVE			Tran	Equip	May 2008	May 2018	\$3,000					\$3,000		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100860T	1	PLINTH			Tran	Equip										B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100551T	1	PLINTH	BOBATH		Tran	Equip										B	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										E	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100842T	1	STOVE	DOMESTIC		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100470T	1	TABLE	EXERCISE		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100612T	1	TABLE	OT		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100764T	1	TABLE	WORK	36 X 36	Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100718T	1	WASHER	DOMESTIC		Tran	Equip										E	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.19	OCCUPATIONAL THERAPY ACTIVITY ROOM	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100883AT	1	CABINET	FLAMMABLE		Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100332T	1	CAUTERY/HYFRICATOR			Tran	Equip	Jan. 2007	Jan. 2015	\$3,200		\$3,200						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100410T	1	COMPRESSOR			Tran	Equip											A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100873T	1	OVEN	SPLINTING		Tran	Equip											A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100772T	1	SEWING MACHINE	W/TABLE		Tran	Equip											A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100772T	1	SEWING MACHINE	W/TABLE		Tran	Equip											A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100322T	1	SHELVING	METAL	36"W	Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100150T	1	SHOE MACHINE			Tran	Equip											A	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.20	OCCUPATIONAL THERAPY WORKSHOP	100165T	1	SPLINTING PAN			Tran	Equip	Jan. 2000	Jan. 2013	\$1,880		\$1,880						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100147B	1	TUB	PATIENT	JACUZZI	New	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.21	PATIENT WASHROOM/TUB	100084	1	WARMER	BLANKET	ONE DOOR	New	Equip				\$7,200					\$7,200		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22A	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22A	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22A	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22A	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22A	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22B	PATIENT WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22B	PATIENT WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22B	PATIENT WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22B	PATIENT WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.22B	PATIENT WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.23	EQUIPMENT STORAGE ROOM (GYM)	100761T	1	BATH	PARIFIN		Tran	Equip	Nov. 1994	Nov. 2006	\$1,200		\$1,200						B	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.23	EQUIPMENT STORAGE ROOM (GYM)	100990T	1	CART	MOTILITY	W/EQUIPMENT	Tran	Equip	Dec. 2002	Dec. 2011	\$5,500		\$5,500						A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.23	EQUIPMENT STORAGE ROOM (GYM)	100990T	1	CART	MOTILITY	W/EQUIPMENT	Tran	Equip	Sep. 2011	Sep. 2020	\$5,500								A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.24	EQUIPMENT STORAGE ROOM (OT)	100038T	1	CART	UTILITY	RUBBERMAID	Tran	Equip											C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.24	EQUIPMENT STORAGE ROOM (OT)	100543T	1	CHAIR	SHOWER		Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.24	EQUIPMENT STORAGE ROOM (OT)	100543AT	1	CHAIR	SHOWER	BARRIATRIC	Tran	Equip											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.25	EQUIPMENT STORAGE ROOM (AUDIOLOGY)	100418T	1	BOOKCASE	5 SHELF		Tran	Furn											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.25	EQUIPMENT STORAGE ROOM (AUDIOLOGY)	100298T	1	BOOKCASE	6 SHELF WIDE		Tran	Furn											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.25	EQUIPMENT STORAGE ROOM (AUDIOLOGY)	100298T	1	BOOKCASE	6 SHELF WIDE		Tran	Furn											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100321T	1	CABINET	STORAGE	48 X 26 X 84"H	Tran	Furn											C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26A	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26B	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500		A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26C	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100159T	1	AUDIOSCAN			Tran	Equip	No info found		\$1,880		\$1,880					A	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100569T	1	CHAIR	RECLINER		Tran	Furn											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100561T	1	HOLDER	LEED		Tran	Equip										A	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500		A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26D	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100159T	1	AUDIOSCAN			Tran	Equip	No info found		\$1,880		\$1,880					A	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100561T	1	HOLDER	LEED		Tran	Equip										A	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500		A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26E	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.26F	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27A	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27B	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27B	WORKSTATIONS (SEMI-ENCLOSED)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27B	WORKSTATIONS (SEMI-ENCLOSED)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27B	WORKSTATIONS (SEMI-ENCLOSED)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27B	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.27B	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.28	CLERICAL WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.28	CLERICAL WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.28	CLERICAL WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.28	CLERICAL WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.28	CLERICAL WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.28	CLERICAL WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100764T	1	TABLE	WORK	36 X 36	Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.29	WORKSTATIONS (SEMI-ENCLOSED)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100209T	1	CART	CHART	ASSORTED SIZES	Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.30	OFFICE EQUIPMENT ALCOVE	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100596T	1	AUDIOLOGY	TYMP		Tran	Equip	Jan. 1992	Jan. 2003	\$4,000		\$4,000					A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100179T	1	AUDIOMETER			Tran	Equip	Sept. 2008	Sept. 2020	\$4,500							A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100337AT	1	BOOTH	AUDIOLOGY	2 ROOM SUITE	Tran	Equip	No info found	good condition	\$40,000							A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100200	2	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$1,600	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100846T	1	OTOSCOPE	VIDEO		Tran	Equip	No info found		\$18,000		\$18,000					A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100202AT	1	STAND			Tran	Furn										A	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100265T	1	STOOL	W/O CASTERS		Tran	Equip										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100658T	1	TABLE	CHILD	VARIOUS SIZES	Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.31	AUDIOLOGY SOUND BOOTH	100236I	1	WORKSTATION	AUDIOLOGY	W/COMPUTER, TELEVISION & PRINTER	Tran	Equip	No info found		\$3,500		\$3,500					A	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.32	VIEWING CONSOLE	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.32	VIEWING CONSOLE	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.32	VIEWING CONSOLE	100534T	1	INTERCOM	AUDIOLOGY	WIHEAD PHONES	Tran	Equip	Jan. 1999	Jan. 2014	\$2,500		\$2,500					A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.32	VIEWING CONSOLE	100534T	1	INTERCOM	AUDIOLOGY	WIHEAD PHONES	Tran	Equip	Jan. 1999	Jan. 2014	\$2,500							A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100717T	1	ANALYZER	MIDDLE EAR	AUDIOLOGY	Tran	Equip	Sept. 2008	Sept. 2018	\$12,000					\$1,200		A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100179T	1	AUDIOMETER			Tran	Equip	Jan. 2008	Jan. 2020	\$4,500							A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100337T	1	BOOTH	AUDIOLOGY		Tran	Equip	Jan. 1999	Jan. 2014	\$40,000		\$40,000					A	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100417	3	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$780	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100203T	1	PRINTER	LEXMARK		Tran	Equip											A	A
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.33	MULTI-PURPOSE	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	Ⓒ	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.34	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.34	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.34	WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.34	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.34	WORKSTATION	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.34	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	Ⓒ	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.35	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	Ⓒ	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.36	WORKSTATION	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	Ⓒ	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.37	HOUSEKEEPING CLOSET	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.37	HOUSEKEEPING CLOSET	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip										Ⓒ	D2	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.37	HOUSEKEEPING CLOSET	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.38	CONFERENCE ROOM	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.38	CONFERENCE ROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	Ⓒ	B	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.38	CONFERENCE ROOM	100417	10	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,600	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.38	CONFERENCE ROOM	100768	1	TABLE	MEETING	84 X 48	New	Furn				\$1,500					\$1,500	C	C	
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.38	CONFERENCE ROOM	100861T	1	TELECONFERENC ING / TELEHEALTH EQUIPMENT	W/STAND		Tran	Equip										Ⓒ	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100417T	1	CHAIR	SIDE	W/ARMS	Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100417T	1	CHAIR	SIDE	W/ARMS	Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100272T	1	COFFEE MAKER	INDUSTRIAL		Tran	Equip										G	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100216T	1	MICROWAVE			Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100121T	1	SOFA	2 SEATER		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100447T	1	SOFA	3 SEATER		Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.39	STAFF ROOM	100590T	1	TABLE	MEETING	42" DIAMETER	Tran	Furn										C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.40	STAFF LOCKERS (ALCOVE)	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41A	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41A	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41A	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41A	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41A	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41B	STAFF WASHROOM	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41B	STAFF WASHROOM	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41B	STAFF WASHROOM	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41B	STAFF WASHROOM	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
5.1 OUTPATIENT REHABILITATION CENTRE	5.1.41B	STAFF WASHROOM	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.3	Office/Staging Area	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.3	Office/Staging Area	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.3	Office/Staging Area	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.3	Office/Staging Area	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.3	Office/Staging Area	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.4	Walk-In Entrance Vestibule	100504	3	TELEPHONE	CAB		New	Equip				\$0					\$0	B	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.5	Decontamination Room	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.5	Decontamination Room	100876	1	CART	LINEN	1/2 SIZE	New	Equip				\$1,100					\$1,100	G	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.5	Decontamination Room	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B

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6.1 PATIENT INTAKE/TRIAGE AREA	6.1.5	Decontamination Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.5	Decontamination Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.5	Decontamination Room	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.6	Mobile Equipment Alcove	100229	2	STAXI	W/PADDED SEAT		New	Equip				\$950					\$1,900	A	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.7	Triage Sub-Waiting Area	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100346	1	PRINTER	LABEL		New	Equip				\$2,500					\$2,500	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.8	Registration/Unit Clerk Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.9	Office Equipment Alcove	100724	1	PHOTOCOPIER	MULTIFUNCTIONAL	PRINTER/FAXCOPIER	New	Equip				\$0					\$0	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.9	Office Equipment Alcove	100346	1	PRINTER	LABEL		New	Equip				\$2,500					\$2,500	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.10	Security/Police Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.10	Security/Police Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.10	Security/Police Workstation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.10	Security/Police Workstation	100891	1	MONITOR	SECURITY	W/COMPUTER	New	Equip				\$2,500					\$2,500	A	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.10	Security/Police Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.10	Security/Police Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.11	Triage Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.11	Triage Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.11	Triage Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.11	Triage Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.11	Triage Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100261T	1	MONITOR	NBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,500							A	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100595T	1	SCALE	INFANT	W/CART	Tran	Equip	Jan. 1999	Jan. 2009	\$4,500	\$4,500						A	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100502T	1	SCALE	PATIENT	W/HEIGHT BAR	Tran	Equip	Jan. 2004	Jan. 2018	\$1,000					\$1,000		A	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.12	Triage Assessment Room	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	May 2008	May 2021	\$7,000							A	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.13	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.13	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.13	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

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6.1 PATIENT INTAKE/TRIAGE AREA	6.1.13	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.13	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	101005	2	CHAIR	SIDE	BIARIATRIC w/arms	New	Furn				\$1,200					\$2,400	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100199	7	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$1,400	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100417	7	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,820	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100180	2	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$40	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	101007	1	RACK	BOOT		New	Equip				\$60					\$60	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100121	2	SOFA	2 SEAT		New	Furn				\$2,500					\$5,000	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100635	6	TABLE	END		New	Furn				\$600					\$3,600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.14	Family/Visitor Lounge:	100506	1	TELEVISION	FLATSCREEN W/MOUNT	52" - 62"	New	Equip				\$2,000					\$2,000	C	A
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.15A	Child Play Alcove	100573	4	CHAIR	CHILD		New	Furn				\$30					\$120	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.15A	Child Play Alcove	100665	1	PLAYSCAPE			New	Equip				\$5,000					\$5,000	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.15A	Child Play Alcove	100658	1	TABLE	CHILD		New	Furn				\$40					\$40	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.16A	Phone/Communications Carrel	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.17	Family Consult/Bereavement Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.17	Family Consult/Bereavement Room	100585	1	LAMP	TABLE/FLOOR		New	Furn				\$80					\$80	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.17	Family Consult/Bereavement Room	100121	2	SOFA	2 SEAT		New	Furn				\$2,500					\$5,000	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.17	Family Consult/Bereavement Room	100715	3	SOFA	CHAIR		New	Furn				\$1,569					\$4,707	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.17	Family Consult/Bereavement Room	100271	1	TABLE	COFFEE		New	Furn				\$750					\$750	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.17	Family Consult/Bereavement Room	100635	1	TABLE	END		New	Furn				\$600					\$600	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18A	Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18A	Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18A	Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18A	Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18A	Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18A	Public Washroom	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18B	Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18B	Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18B	Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18B	Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18B	Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.1 PATIENT INTAKE/TRIAGE AREA	6.1.18B	Public Washroom	100908	1	TABLE	CHANGE	FOLD-DOWN	New	Equip				\$250					\$250	C	C
6.2 MINOR TREATMENT AREA	6.2.1A	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.1A	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.2 MINOR TREATMENT AREA	6.2.1A	Provider Charting Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.2 MINOR TREATMENT AREA	6.2.1A	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.2 MINOR TREATMENT AREA	6.2.1A	Provider Charting Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.2 MINOR TREATMENT AREA	6.2.1B	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.1B	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.2 MINOR TREATMENT AREA	6.2.1B	Provider Charting Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.2 MINOR TREATMENT AREA	6.2.1B	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.2 MINOR TREATMENT AREA	6.2.1B	Provider Charting Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.2 MINOR TREATMENT AREA	6.2.2	Physician Dictation/Consultant Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.2	Physician Dictation/Consultant Alcove	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.2 MINOR TREATMENT AREA	6.2.2	Physician Dictation/Consultant Alcove	100340	1	PACS	CLINICAL REVIEW STATION		New	Equip				\$10,000					\$10,000	A	A
6.2 MINOR TREATMENT AREA	6.2.2	Physician Dictation/Consultant Alcove	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.2 MINOR TREATMENT AREA	6.2.3	Office Equipment Alcove	100724	1	PHOTOCOPIER	MULTIFUNCTIONAL	PRINTER/FAX/COPIER	New	Equip				\$0					\$0	A	A
6.2 MINOR TREATMENT AREA	6.2.4	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.4	Hand Hygiene Sink	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.2 MINOR TREATMENT AREA	6.2.4	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.2 MINOR TREATMENT AREA	6.2.4	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.2 MINOR TREATMENT AREA	6.2.5	Minor Treatment Sub-Waiting Area	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.5	Minor Treatment Sub-Waiting Area	100417	4	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,040	C	C
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100386	1	LIGHT	EXAM	CEILING MOUNT	New	Equip				\$3,800					\$3,800	B	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100261T	1	MONITOR	NIBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,500				\$5,500			A	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000	\$1,000						B	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100053T	1	SPHYGMANOMETER		WALL MOUNTED	Tran	Equip										B	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip											A	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 2002	Jan. 2015	\$7,000		\$7,000						A	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.2 MINOR TREATMENT AREA	6.2.6A	Exam/Treatment Room (General)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100386T	1	LIGHT	EXAM	CEILING	Tran	Equip	June 2010	June 2023	\$3,800								B	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100261T	1	MONITOR	NIBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	Aug. 2009	Aug. 2018	\$5,500					\$5,500			A	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000						B	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C	
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100053T	1	SPHYGMANOMETER	WBASKET	WALL MOUNTED	Tran	Equip											B	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000	\$7,000						A	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.2 MINOR TREATMENT AREA	6.2.6B	Exam/Treatment Room (General)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100386T	1	LIGHT	EXAM	CEILING	Tran	Equip	June 2010	June 2023	\$3,800								B	B
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100261	1	MONITOR	NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100219T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000						B	B
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0		C	C
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300		A	B
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	June 2004	June 2017	\$7,000				\$7,000				A	B
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.2 MINOR TREATMENT AREA	6.2.6C	Exam/Treatment Room (General)	100591T	1	ULTRASOUND	SONOSITE		Tran	Equip	No info found est.	Sept. 2015	\$30,000		\$30,000						A	B
6.2 MINOR TREATMENT AREA	6.2.7	Psychiatric Exam/Consult Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		G	B
6.2 MINOR TREATMENT AREA	6.2.7	Psychiatric Exam/Consult Room	100121	1	SOFA	2 SEAT		New	Furn				\$2,500					\$2,500		C	C
6.2 MINOR TREATMENT AREA	6.2.7	Psychiatric Exam/Consult Room	100715	2	SOFA	CHAIR		New	Furn				\$1,569					\$3,138		C	C
6.2 MINOR TREATMENT AREA	6.2.7	Psychiatric Exam/Consult Room	100271	1	TABLE	COFFEE		New	Furn				\$750					\$750		C	C
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100031T	1	CART	SPLINT		Tran	Equip											C	B
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520		C	C
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40		C	C
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100745	2	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$580		C	C
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60		C	B
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100118	1	PLASTER TRAP			New	Equip				\$400					\$400		C	B
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100792T	1	SAW	CAST	W/VACUUM	Tran	Equip	Jan. 1990	Jan. 2000	\$6,000		\$6,000						A	B
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100300	2	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0		C	C
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100065	2	STRETCHER	CAST		New	Equip				\$6,500					\$13,000		A	B
6.2 MINOR TREATMENT AREA	6.2.8	Suture/Casting Room (Two Bays)	100746	2	TRACK	CURTAIN		New	Equip				\$100					\$200		C	D2
6.2 MINOR TREATMENT AREA	6.2.9	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
6.2 MINOR TREATMENT AREA	6.2.9	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
6.2 MINOR TREATMENT AREA	6.2.9	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
6.2 MINOR TREATMENT AREA	6.2.9	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
6.2 MINOR TREATMENT AREA	6.2.9	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		C	D2
6.2 MINOR TREATMENT AREA	6.2.10	Clean Utility Room	100034T	1	CART	LINEN/SUPPLY		Tran	Equip											C	D2
6.2 MINOR TREATMENT AREA	6.2.10	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip											C	B
6.2 MINOR TREATMENT AREA	6.2.10	Clean Utility Room	100791T	1	HAMPER	LINEN		Tran	Equip											C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.2 MINOR TREATMENT AREA	6.2.10	Clean Utility Room	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
6.2 MINOR TREATMENT AREA	6.2.11	Soiled Utility Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.3 ACUTE TREATMENT AREA	6.3.1	Unit Clerk Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.1	Unit Clerk Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.3 ACUTE TREATMENT AREA	6.3.1	Unit Clerk Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.3 ACUTE TREATMENT AREA	6.3.1	Unit Clerk Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.3 ACUTE TREATMENT AREA	6.3.1	Unit Clerk Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.3 ACUTE TREATMENT AREA	6.3.2A	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.2A	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.3 ACUTE TREATMENT AREA	6.3.2A	Provider Charting Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
6.3 ACUTE TREATMENT AREA	6.3.2A	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.3 ACUTE TREATMENT AREA	6.3.2B	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.2B	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.3 ACUTE TREATMENT AREA	6.3.2B	Provider Charting Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
6.3 ACUTE TREATMENT AREA	6.3.2B	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.3 ACUTE TREATMENT AREA	6.3.2C	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.2C	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.3 ACUTE TREATMENT AREA	6.3.2C	Provider Charting Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.3 ACUTE TREATMENT AREA	6.3.2C	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.3 ACUTE TREATMENT AREA	6.3.2D	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.2D	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.3 ACUTE TREATMENT AREA	6.3.2D	Provider Charting Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.3 ACUTE TREATMENT AREA	6.3.2D	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.3 ACUTE TREATMENT AREA	6.3.3	Physician Dictation Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.3	Physician Dictation Alcove	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.3 ACUTE TREATMENT AREA	6.3.3	Physician Dictation Alcove	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.3 ACUTE TREATMENT AREA	6.3.4	Office Equipment Alcove	100724	1	PHOTOCOPIER	MULTIFUNCTIONAL	PRINTER/FAXCOPIER	New	Equip				\$0					\$0	A	A
6.3 ACUTE TREATMENT AREA	6.3.4	Office Equipment Alcove	100724	1	PHOTOCOPIER	MULTIFUNCTIONAL	PRINTER/FAXCOPIER	New	Equip				\$0					\$0	A	A
6.3 ACUTE TREATMENT AREA	6.3.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.5	Hand Hygiene Sink	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.3 ACUTE TREATMENT AREA	6.3.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100767	2	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$2,200	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100024	2	BOARD	PATIENT	TRANSFER, LONG	New	Equip				\$355					\$710	B	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100580AT	1	BRASLO	CARPET		Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100380T	1	CART	EMERGENCY (CRASH)		Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100887T	1	CART	ISOLATION		Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100042T	1	CART	MEDICATION		Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100051AT	1	CLOCK	TIME ELAPSED		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100051AT	1	CLOCK	TIME ELAPSED		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100993	2	COLUMN	PIVOTING	W/10" LIGHTHEAD & 2 PIVOTING ARMS	New	Equip				\$35,000					\$70,000	B	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100098	2	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$80	C	C
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100379T	1	DEFIBRILLATOR	MONITOR		Tran	Equip	Jan. 2004	Jan. 2011	\$16,000		\$16,000					B	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100497T	1	DIAGNOSTIC PANEL	W/SPHYG, OTO/OPHTH		Tran	Equip	No info found		\$1,300		\$1,300					B	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100497T	1	DIAGNOSTIC PANEL	W/SPHYG, OTO/OPHTH		Tran	Equip	No info found		\$1,300		\$1,300					B	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100353	2	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$120	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100030	4	FLOWMETER	AIR		New	Equip				\$80					\$320	A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100020	8	FLOWMETER	OXYGEN		New	Equip				\$80					\$640	A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100946T	1	GLIDESCOPE	W/STAND		Tran	Equip	June 2008	June 2023	\$20,000							A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100214	2	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$7,000	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100181T	1	MONITOR	PACS VIEW		Tran	Equip	No info found									A	A
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526					A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100151	1	MONITOR	PHYSIOLOGICAL	W/MOUNT MULTI CHAMBER	New	Equip				\$38,526	\$38,526				\$38,526	A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100068T	1	PUMP	INFUSION		Tran	Equip	Apr. 2009	Oct. 2016	\$8,000			\$8,000				A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100068T	1	PUMP	INFUSION	MULTI CHAMBER	Tran	Equip	Apr. 2009	Oct. 2016	\$8,000			\$8,000				A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100807B	2	RAIL	MONO	OVERHEAD LIFT	New	Equip				\$3,500					\$7,000	C	D2
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100218T	1	REFRIGERATOR	UNDERCOUNTER	ASSORTED SIZES	Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100028	8	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$5,136	A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	June 2004	June 2017	\$7,000				\$7,000			A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100066	1	SUCTION	TRANSPORT		New	Equip				\$1,100					\$1,100	A	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100251	1	VACUUM	DUSTBUSTER		New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100074T	1	WARMER	BLOOD/FLUID	WIPOLE	Tran	Equip	May 2009	May 2017	\$4,200				\$4,200			C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100009T	1	WARMING BLANKET	W/STAND	BEAR HUGGER	Tran	Equip	No info found	July 2005	\$5,000		\$5,000					C	B
6.3 ACUTE TREATMENT AREA	6.3.7	Trauma/Resuscitation Room	100198	1	WORKSTATION		SYSTEM/MILLWORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.3 ACUTE TREATMENT AREA	6.3.8	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
6.3 ACUTE TREATMENT AREA	6.3.8	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
6.3 ACUTE TREATMENT AREA	6.3.8	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
6.3 ACUTE TREATMENT AREA	6.3.8	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100386T	1	LIGHT	EXAM	CEILING	Tran	Equip	June 2010	June 2023	\$3,800								B	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100261	1	MONITOR	NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100219	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	W/RAIL MOUNT	New	Equip				\$1,000					\$1,000	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100385	1	STOOL	PHYSICIAN	ADJUSTABLE	New	Furn				\$94					\$94	C	C	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B	
6.3 ACUTE TREATMENT AREA	6.3.9A	Exam/Treatment Room (General)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	G	D2	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100386T	1	LIGHT	EXAM	CEILING	Tran	Equip	No info found		\$3,800		\$3,800						B	B
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100261	1	MONITOR	NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100219	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	W/RAIL MOUNT	New	Equip				\$1,000					\$1,000	A	B	
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100385	1		STOOL	PHYSICIAN	New	Furn				\$94					\$94	C	C
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100187	1		STRETCHER	WMATTRESS	New	Equip				\$7,000					\$7,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
6.3 ACUTE TREATMENT AREA	6.3.9B	Exam/Treatment Room (General)	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100417	1		CHAIR	SIDE	New	Furn				\$260					\$260	C	C
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100098	1		CONTAINER	SHARPS	New	Equip				\$40					\$40	C	C
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100347	1		DISPENSER	PAPER TOWEL	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100791	1		HAMPER	LINEN	New	Equip				\$200					\$200	C	C
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100214	1		LIFT	PATIENT	New	Equip				\$3,500					\$3,500	C	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100386	1		LIGHT	EXAM	New	Equip				\$3,800					\$3,800	B	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100261	1		MONITOR	NIBP W/SPO2/THERMOMETER	New	Equip				\$5,000					\$5,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100021T	1		PUMP	INFUSION	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000					\$6,000		A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100807B	1		RAIL	MONO	New	Equip				\$3,500					\$3,500	C	D2
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100028	1		REGULATOR	SUCTION	New	Equip				\$642					\$642	A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100219	1		SCOPE	OTOSCOPE/OPHTHALMOSCOPE	New	Equip				\$1,000					\$1,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100300	1		SHELF	FOLD DOWN	New	Furn				\$0					\$0	C	C
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100385	1		STOOL	PHYSICIAN	New	Furn				\$94					\$94	C	C
6.3 ACUTE TREATMENT AREA	6.3.10	Exam/Treatment Room (Isolation)	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
6.3 ACUTE TREATMENT AREA	6.3.11	Antleroom	100040	1		BIN	BIOHAZARD	New	Equip				\$110					\$110	C	B
6.3 ACUTE TREATMENT AREA	6.3.11	Antleroom	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.11	Antleroom	100352	1		DISPENSER	GOWN/GLOVE (masks?)	New	Equip				\$400					\$400	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.3 ACUTE TREATMENT AREA	6.3.11	Anteroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.11	Anteroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.11	Anteroom	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.12	Patient Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
6.3 ACUTE TREATMENT AREA	6.3.12	Patient Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.12	Patient Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	G	D2
6.3 ACUTE TREATMENT AREA	6.3.12	Patient Washroom/Shower	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	G	D2
6.3 ACUTE TREATMENT AREA	6.3.12	Patient Washroom/Shower	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.3 ACUTE TREATMENT AREA	6.3.13A	Stretcher Cubicle	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.3 ACUTE TREATMENT AREA	6.3.13A	Stretcher Cubicle	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	Jan. 2009	Jan. 2022	\$7,000							A	B
6.3 ACUTE TREATMENT AREA	6.3.13A	Stretcher Cubicle	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
6.3 ACUTE TREATMENT AREA	6.3.13B	Stretcher Cubicle	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.3 ACUTE TREATMENT AREA	6.3.13B	Stretcher Cubicle	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.13B	Stretcher Cubicle	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
6.3 ACUTE TREATMENT AREA	6.3.13C	Stretcher Cubicle	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.3 ACUTE TREATMENT AREA	6.3.13C	Stretcher Cubicle	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.13C	Stretcher Cubicle	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
6.3 ACUTE TREATMENT AREA	6.3.13D	Stretcher Cubicle	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.3 ACUTE TREATMENT AREA	6.3.13D	Stretcher Cubicle	100187	1	STRETCHER	W/MATTRESS		New	Equip				\$7,000					\$7,000	A	B
6.3 ACUTE TREATMENT AREA	6.3.13D	Stretcher Cubicle	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
6.3 ACUTE TREATMENT AREA	6.3.14	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.14	Hand Hygiene Sink	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.14	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.14	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	G	D2
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100515T	1	BUCKET	KICK	W/RING & CASTERS	Tran	Equip										G	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	G	D2
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100368	1	LAMP	WOODS		New	Equip				\$520					\$520	A	C
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100386	1	LIGHT	EXAM	CEILING MOUNT	New	Equip				\$3,800					\$3,800	B	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 2002	Jan. 2014	\$2,000					\$2,000	A	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100261T	1	MONITOR	NIBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	Sept. 2006	Sept. 2015	\$5,500		\$5,500						A	B
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100513	1	STAND	MAYO	WITH TRAY	New	Equip				\$575					\$575	A	B	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100385	1	STOOL	PHYSICIAN	ADJUSTABLE	New	Furn				\$94					\$94	C	C	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100851	1	TABLE	EXAM	GYNAE	Tran	Equip				\$6,000					\$6,000	C	C	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	G	B	
6.3 ACUTE TREATMENT AREA	6.3.15	Exam/Treatment Room (Ob-Gyn)	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2	
6.3 ACUTE TREATMENT AREA	6.3.16	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
6.3 ACUTE TREATMENT AREA	6.3.16	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.16	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.16	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.16	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100945T	1	CHAIR	ENT		Tran	Equip	No info found		\$7,000		\$7,000					C	C	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100766	1	CHAIR	RECLINING	used w/sink for lavage	New	Equip				\$1,500					\$1,500	C	B	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100258T	1	PROJECTOR	OPTICAL CHART	W/STAND	Tran	Equip										A	A	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100174T	1	STAND	INSTRUMENT	OPHTHALMIC W/SLIT LAMP	Tran	Equip	Mar. 2010	Mar. 2022	\$6,100							A	B	
6.3 ACUTE TREATMENT AREA	6.3.17	Exam/Treatment Room (EENT)	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C	
6.3 ACUTE TREATMENT AREA	6.3.18	Seclusion/Safe Treatment Room	100683	1	BED	PLATFORM		New	Equip										C	B	
6.3 ACUTE TREATMENT AREA	6.3.19	Patient Washroom	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B	
6.3 ACUTE TREATMENT AREA	6.3.19	Patient Washroom	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.19	Patient Washroom	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.19	Patient Washroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.19	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
6.3 ACUTE TREATMENT AREA	6.3.20A	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.3 ACUTE TREATMENT AREA	6.3.20A	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20A	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20A	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20A	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20B	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.20B	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20B	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20B	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.20B	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.3 ACUTE TREATMENT AREA	6.3.21	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2
6.3 ACUTE TREATMENT AREA	6.3.21	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2
6.3 ACUTE TREATMENT AREA	6.3.21	Clean Utility Room	100210T	1	CART	SUPPLY	48"W	Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.21	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.21	Clean Utility Room	100213T	1	ICE/WATER DISPENSER	COUNTERTOP		Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.22	Soiled Utility Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.3 ACUTE TREATMENT AREA	6.3.22	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.3 ACUTE TREATMENT AREA	6.3.22	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.3 ACUTE TREATMENT AREA	6.3.22	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.3 ACUTE TREATMENT AREA	6.3.22	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
6.3 ACUTE TREATMENT AREA	6.3.22	Soiled Utility Room	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.23	Mobile Equipment Alcove	100380	1	CART	EMERGENCY (CRASH)	METRO LIFE-LINE	New	Equip				\$2,500					\$2,500	C	B
6.3 ACUTE TREATMENT AREA	6.3.23	Mobile Equipment Alcove	100379T	1	DEFIBRILLATOR	MONITOR		Tran	Equip	Jan. 2004	Jan. 2011	\$16,000		\$16,000					B	B
6.3 ACUTE TREATMENT AREA	6.3.23	Mobile Equipment Alcove	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.23	Mobile Equipment Alcove	100392T	1	MONITOR	ECG	W/STAND	Tran	Equip	May 2003	May 2010	\$16,000		\$16,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.23	Mobile Equipment Alcove	100181T	1	MONITOR	PACS VIEW		Tran	Equip	No info found									A	A
6.3 ACUTE TREATMENT AREA	6.3.23	Mobile Equipment Alcove	100591T	1	ULTRASOUND	SONOSITE		Tran	Equip	Sept. 2007	Sept. 2015	\$30,000		\$30,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.24	Medication Room	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260					C	B
6.3 ACUTE TREATMENT AREA	6.3.24A	Medication Room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.24A	Medication Room	100076BT	1	DISPENSING UNIT	TOWER		Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.24B	Medication Room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.24B	Medication Room	100076BT	1	DISPENSING UNIT	TOWER		Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.24B	Medication Room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	A	B
6.3 ACUTE TREATMENT AREA	6.3.25	Lab Accessioning Alcove	100077T	1	REFRIGERATOR	MEDICINE	COUNTERTOP	Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100521AT	1	CART	ANAESTHETIC		Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100887T	1	CART	ISOLATION		Tran	Equip										A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100388T	1	COMMODORE			Tran	Equip										C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100701T	1	CRIB			Tran	Equip	Jan. 1988	Jan. 2003			\$4,000					C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found		\$2,000		\$2,000						A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100503T	1	MATRESS	PRESSURE RELIEF		Tran	Equip	No info found		\$4,000		\$4,000						C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526						A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000					A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000						B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000						B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000						B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000						B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100053T	1	SPHYGMANOMETER	WBASKET	WALL MOUNTED	Tran	Equip											B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100053T	1	SPHYGMANOMETER	WBASKET	WALL MOUNTED	Tran	Equip											B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip											A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip											A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000								A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100184T	1	STRETCHER	EMERGENCY		Tran	Equip	Apr. 2009	Apr. 2022	\$7,000								A	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100225T	1	TABLE	OVERBED		Tran	Equip											C	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100227T	1	THERMOMETER	DIGITAL		Tran	Equip	Jan. 2010	Jan. 2016	\$750			\$750					B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100227T	1	THERMOMETER	DIGITAL		Tran	Equip	Jan. 2010	Jan. 2016	\$750			\$750					B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100227T	1	THERMOMETER	DIGITAL		Tran	Equip	Jan. 2010	Jan. 2016	\$750			\$750					B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100227T	1	THERMOMETER	DIGITAL		Tran	Equip	Jan. 2010	Jan. 2016	\$750			\$750					B	B
6.3 ACUTE TREATMENT AREA	6.3.26	Equipment Storage Room	100229T	1	WHEELCHAIR			Tran	Equip											C	B
6.3 ACUTE TREATMENT AREA	6.3.27	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
6.3 ACUTE TREATMENT AREA	6.3.27	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSEKEEPING		Tran	Equip											C	D2
6.3 ACUTE TREATMENT AREA	6.3.27	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250		C	C
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800		C	B
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520		C	C
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000		C	C
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600		C	C
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500		A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.4 INTENSIVE CARE UNIT	6.4.1	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.4 INTENSIVE CARE UNIT	6.4.2A	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.2A	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.4 INTENSIVE CARE UNIT	6.4.2A	Provider Charting Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
6.4 INTENSIVE CARE UNIT	6.4.2A	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	E	B
6.4 INTENSIVE CARE UNIT	6.4.2B	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
6.4 INTENSIVE CARE UNIT	6.4.2B	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.4 INTENSIVE CARE UNIT	6.4.2B	Provider Charting Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.4 INTENSIVE CARE UNIT	6.4.2B	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.4 INTENSIVE CARE UNIT	6.4.2C	Provider Charting Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.2C	Provider Charting Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.4 INTENSIVE CARE UNIT	6.4.2C	Provider Charting Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
6.4 INTENSIVE CARE UNIT	6.4.2C	Provider Charting Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
6.4 INTENSIVE CARE UNIT	6.4.3	Physician Dictation Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.3	Physician Dictation Alcove	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.4 INTENSIVE CARE UNIT	6.4.3	Physician Dictation Alcove	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.4 INTENSIVE CARE UNIT	6.4.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
6.4 INTENSIVE CARE UNIT	6.4.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
6.4 INTENSIVE CARE UNIT	6.4.5	Hand Hygiene Sink	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
6.4 INTENSIVE CARE UNIT	6.4.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2
6.4 INTENSIVE CARE UNIT	6.4.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100374T	1	BED	ICU		Tran	Equip	Mar. 2007	Mar. 2019	\$2,000							G	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100242A	1	BOOM/COLUMN	ICU		New	Equip				\$30,000					\$30,000	B	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	G	D2
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100030	2	FLOWMETER	AIR		New	Equip				\$80					\$160	A	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100020	4	FLOWMETER	OXYGEN		New	Equip				\$80					\$320	A	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	E	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526					A	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100068T	1	PUMP	INFUSION	MULTI CHAMBER	Tran	Equip	Apr. 2009	Oct. 2016	\$8,000			\$8,000				A	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100028	4	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$2,568	A	B
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C
6.4 INTENSIVE CARE UNIT	6.4.7A	Critical Care Cubicle	100225T	1	TABLE	OVERBED		Tran	Equip										G	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100374T	1	BED	ICU		Tran	Equip	Mar. 2007	Mar. 2019	\$2,000							C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100242A	1	BOOM/COLUMN	ICU		New	Equip				\$30,000					\$30,000	B	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100030	2	FLOWMETER	AIR		New	Equip				\$80					\$160	A	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100020	4	FLOWMETER	OXYGEN		New	Equip				\$80					\$320	A	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526					A	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100068T	1	PUMP	INFUSION	MULTI CHAMBER	Tran	Equip	Apr. 2009	Oct. 2016	\$8,000			\$8,000				A	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100028	4	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$2,568	A	B
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C
6.4 INTENSIVE CARE UNIT	6.4.7B	Critical Care Cubicle	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100374T	1	BED	ICU		Tran	Equip	Mar. 2007	Mar. 2019	\$2,000							C	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100242A	1	BOOM/COLUMN	ICU		New	Equip				\$30,000					\$30,000	B	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100030	2	FLOWMETER	AIR		New	Equip				\$80					\$160	A	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100020	4	FLOWMETER	OXYGEN		New	Equip				\$80					\$320	A	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526					A	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100068T	1	PUMP	INFUSION	MULTI CHAMBER	Tran	Equip	Oct. 2009	Oct. 2016	\$8,000			\$8,000				A	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100028	4	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$2,568	A	B
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C
6.4 INTENSIVE CARE UNIT	6.4.7C	Critical Care Cubicle	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	C	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100242A	1	BOOM/COLUMN	ICU		New	Equip				\$30,000					\$30,000	B	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100030	2	FLOWMETER	AIR		New	Equip				\$80					\$160	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100020	4	FLOWMETER	OXYGEN		New	Equip				\$80					\$320	A	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100963	1	LIFT	BARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526					A	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100068T	1	PUMP	INFUSION	MULTI CHAMBER	Tran	Equip	Oct. 2009	Oct. 2016	\$8,000			\$8,000				A	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100028	4	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$2,568	A	B
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100300	1	SHELF	FOLD DOWN	WALL - CHARTING	New	Furn				\$0					\$0	C	C
6.4 INTENSIVE CARE UNIT	6.4.11	AIR Critical Care Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
6.4 INTENSIVE CARE UNIT	6.4.12	Anteroom/Vestibule	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B
6.4 INTENSIVE CARE UNIT	6.4.12	Anteroom/Vestibule	100887T	1	CART	ISOLATION		Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.12	Anteroom/Vestibule	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
6.4 INTENSIVE CARE UNIT	6.4.12	Anteroom/Vestibule	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.12	Anteroom/Vestibule	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100020	2	FLOWMETER	OXYGEN		New	Equip				\$80					\$160	A	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100261	1	MONITOR	NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100028	2	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$1,284	A	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
6.4 INTENSIVE CARE UNIT	6.4.13	Bedroom, High Dependency Suite	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
6.4 INTENSIVE CARE UNIT	6.4.15	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.15	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.15	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.15	Washroom/Shower (Roll-In)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.15	Washroom/Shower (Roll-In)	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100352	1	DISPENSER	GOWN/GLOVE	(masks?)	New	Equip				\$400					\$400	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100020	2	FLOWMETER	OXYGEN		New	Equip				\$80					\$160	A	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100261	1	MONITOR	NIBP W/SPO2/THERMOMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100028	2	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$1,284	A	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
6.4 INTENSIVE CARE UNIT	6.4.17	Bedroom	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800	C	A
6.4 INTENSIVE CARE UNIT	6.4.18	Vestibule	100040	1	BIN	BIOHAZARD	CONTAMINATED	New	Equip				\$110					\$110	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.4 INTENSIVE CARE UNIT	6.4.18	Vestibule	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.18	Vestibule	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.18	Vestibule	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.18	Vestibule	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.21	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.21	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.21	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.21	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.21	Washroom/Shower	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
6.4 INTENSIVE CARE UNIT	6.4.23	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
6.4 INTENSIVE CARE UNIT	6.4.24	Clean Utility Room	100008T	1	CART	PAR		Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.24	Clean Utility Room	100210T	1	CART	SUPPLY	48"W	Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.24	Clean Utility Room	100218T	1	REFRIGERATOR	UNDERCOUNTER	ASSORTED SIZES	Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.24	Clean Utility Room	100322T	1	SHELVING	METAL	36"W	Tran	Equip										C	C
6.4 INTENSIVE CARE UNIT	6.4.24	Clean Utility Room	100903T	1	WARMETTE			Tran	Equip	No info found		\$4,000		\$4,000					C	B
6.4 INTENSIVE CARE UNIT	6.4.25	Soiled Utility Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.25	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
6.4 INTENSIVE CARE UNIT	6.4.25	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.25	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.25	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
6.4 INTENSIVE CARE UNIT	6.4.26	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.26	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.26	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.26	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.26	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.4 INTENSIVE CARE UNIT	6.4.27	Patient Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.4 INTENSIVE CARE UNIT	6.4.27	Patient Washroom/Shower	100543T	1	CHAIR	SHOWER		Tran	Equip										C	B
6.4 INTENSIVE CARE UNIT	6.4.27	Patient Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.4 INTENSIVE CARE UNIT	6.4.27	Patient Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.27	Patient Washroom/Shower	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
6.4 INTENSIVE CARE UNIT	6.4.27	Patient Washroom/Shower	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
6.4 INTENSIVE CARE UNIT	6.4.29	Mobile Equipment Alcove	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
6.4 INTENSIVE CARE UNIT	6.4.29	Mobile Equipment Alcove	100225T	1	TABLE	OVERBED		Tran	Equip										C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100417	3	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$780	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.5 SHARED STAFF SUPPORT SPACE	6.5.1	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100417	3	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$780	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.5 SHARED STAFF SUPPORT SPACE	6.5.2	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.3	Conference Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.3	Conference Room	100199	10	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,000	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.3	Conference Room	100768	1	TABLE	MEETING	84 X 48	New	Furn				\$1,500					\$1,500	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.3	Conference Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100216T	1	MICROWAVE			Tran	Equip										C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.4	Staff Room	100759	1	TABLE	KITCHEN		New	Furn				\$443					\$443	C	C
6.5 SHARED STAFF SUPPORT SPACE	6.5.5A	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
6.5 SHARED STAFF SUPPORT SPACE	6.5.5A	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.5A	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.5A	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
6.5 SHARED STAFF SUPPORT SPACE	6.5.5A	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.1 MEDICAL UNIT	7.1.1	Clerical Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.1 MEDICAL UNIT	7.1.1	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.1	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.1	Clerical Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.1	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.1	Clerical Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.2	Coordinator Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.1 MEDICAL UNIT	7.1.3A	Shared Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.1 MEDICAL UNIT	7.1.3A	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.3A	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.3A	Shared Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
7.1 MEDICAL UNIT	7.1.3B	Shared Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.1 MEDICAL UNIT	7.1.3B	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.3B	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.3B	Shared Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.1 MEDICAL UNIT	7.1.3B	Shared Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
7.1 MEDICAL UNIT	7.1.3C	Shared Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.1 MEDICAL UNIT	7.1.3C	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.3C	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.3C	Shared Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
7.1 MEDICAL UNIT	7.1.4	Office Equipment Alcove	100724	1	PHOTOCOPIER	MULTIFUNCTION AL	PRINTER/FAXIC OPIER	New	Equip				\$0					\$0	A	A
7.1 MEDICAL UNIT	7.1.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.1 MEDICAL UNIT	7.1.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.7	Office (standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.1 MEDICAL UNIT	7.1.8	Staff Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.1 MEDICAL UNIT	7.1.8	Staff Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.8	Staff Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.8	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.8	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.8	Staff Room	100216T	1	MICROWAVE			Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.8	Staff Room	100218T	1	REFRIGERATOR	UNDERCOUNTE R	ASSORTED SIZES	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.8	Staff Room	100447T	1	SOFA	3 SEATER		Tran	Furn										C	C
7.1 MEDICAL UNIT	7.1.8	Staff Room	100715T	1	SOFA	CHAIR		Tran	Furn										C	C
7.1 MEDICAL UNIT	7.1.8	Staff Room	100715T	1	SOFA	CHAIR		Tran	Furn										C	C
7.1 MEDICAL UNIT	7.1.8	Staff Room	100271T	1	TABLE	COFFEE		Tran	Furn										C	C
7.1 MEDICAL UNIT	7.1.8	Staff Room	100947T	1	TELEVISION	32" FLATSCREEN	W/MOUNT & DVD	Tran	Equip										C	A
7.1 MEDICAL UNIT	7.1.9	Staff Lockers Alcove	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.10	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.10	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.10	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.10	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.10	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.1 MEDICAL UNIT	7.1.11A	Clean Utility Room	100887T	1	CART	ISOLATION		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11A	Clean Utility Room	100008T	1	CART	PAR		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11A	Clean Utility Room	100991T	1	CART	SUPPLY	36"W	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11A	Clean Utility Room	100781T	1	CART	SUPPLY	54"w	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11B	Clean Utility Room	100008T	1	CART	PAR		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11B	Clean Utility Room	100991T	1	CART	SUPPLY	36"W	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11B	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.11B	Clean Utility Room	100148T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.12A	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.1 MEDICAL UNIT	7.1.12A	Soiled Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.12A	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.12A	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.12A	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.12A	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
7.1 MEDICAL UNIT	7.1.12B	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.1 MEDICAL UNIT	7.1.12B	Soiled Utility Room	100210T	1	CART	SUPPLY	48"W	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.12B	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.12B	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.12B	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.12B	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
7.1 MEDICAL UNIT	7.1.13	Medication Room	100042T	1	CART	MEDICATION		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.13	Medication Room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
7.1 MEDICAL UNIT	7.1.13	Medication Room	100077AT	1	REFRIGERATOR	MEDICAL	UNDERCOUNTER, ALARMED	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100024T	1	BOARD	PATIENT	TRANSFER/LONG	Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100380T	1	CART	EMERGENCY (CRASH)		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100379T	1	DEFIBRILLATOR	MONITOR		Tran	Equip	Jan. 2004	Jan. 2011	\$16,000		\$16,000					B	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100076CT	1	DISPENSING UNIT	ANCILLARY		Tran	Equip										A	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100076BT	1	DISPENSING UNIT	TOWER		Tran	Equip										A	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100261T	1	MONITOR	NIBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	June 2011	June 2020	\$5,500							A	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000		\$6,000					A	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	C	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100187T	1	STRETCHER	EMERGENCY	STRYKER	Tran	Equip	No info found								\$7,000	A	B
7.1 MEDICAL UNIT	7.1.14A	Pyxis/mobile equipment room	100229T	1	WHEELCHAIR			Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100024T	1	BOARD	PATIENT	TRANSFER/LONG	Tran	Equip											C	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100076C	1	DISPENSING UNIT	ANCILLARY		New	Equip				\$11,025					\$11,025	A	B	
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip											A	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100076BT	1	DISPENSING UNIT	TOWER		Tran	Equip											A	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100114T	1	LIFT	PATIENT	SLING	Tran	Equip	Jan. 2006	Jan. 2018		\$9,100				\$9,100			G	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100392T	1	MONITOR	ECG	W/STAND	Tran	Equip	May 2003	May 2010		\$16,000	\$16,000						A	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	June 2010	June 2019		\$5,000							A	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016		\$6,000		\$6,000					A	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500		C	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found			\$1,000	\$1,000						A	B
7.1 MEDICAL UNIT	7.1.14B	Pyxis/mobile equipment room	100229T	1	WHEELCHAIR			Tran	Equip											C	B
7.1 MEDICAL UNIT	7.1.15A	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
7.1 MEDICAL UNIT	7.1.15A	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.1 MEDICAL UNIT	7.1.15A	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
7.1 MEDICAL UNIT	7.1.15A	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700		C	B
7.1 MEDICAL UNIT	7.1.15A	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400		C	B
7.1 MEDICAL UNIT	7.1.15A	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200		C	B
7.1 MEDICAL UNIT	7.1.15B	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
7.1 MEDICAL UNIT	7.1.15B	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.1 MEDICAL UNIT	7.1.15B	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
7.1 MEDICAL UNIT	7.1.15B	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700		C	B
7.1 MEDICAL UNIT	7.1.15B	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400		C	B
7.1 MEDICAL UNIT	7.1.15B	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200		C	B
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100153T	1	CART	AUDIOVISUAL	W/TELEVISION	Tran	Equip											C	B
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip											C	B
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip											C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip											C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100849AT	1	HYDROCOLLATOR	17 X 15 X 18"		Tran	Equip	Jan. 1990	Jan. 2000		\$3,195	\$3,195						A	B
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100585T	1	LAMP	TABLE/FLOOR		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100585T	1	LAMP	TABLE/FLOOR		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420		C	C
7.1 MEDICAL UNIT	7.1.16	Equipment Storage Room	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420		C	C
7.1 MEDICAL UNIT	7.1.17	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.1 MEDICAL UNIT	7.1.17	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip											C	D2
7.1 MEDICAL UNIT	7.1.17	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250		C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100608T	1	CHAIR	DINING/KITCHEN		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100688T	1	CHAIR	SLEEP		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100703T	1	EASLE			Tran	Equip											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100216T	1	MICROWAVE			Tran	Equip											E	B
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100371T	1	PACS	TECH REVIEW		Tran	Equip	No info found		\$23,000		\$23,000						A	A
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100447T	1	SOFA	3 SEATER		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100715T	1	SOFA	CHAIR		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100759T	1	TABLE	DINING		Tran	Furn											C	C
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100470T	1	TABLE	EXERCISE		Tran	Equip											E	B
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100861	1	TELEHEALTH			New	Equip											C	B
7.1 MEDICAL UNIT	7.1.18	Multipurpose Room	100506T	1	TELEVISION	LARGE SCREEN 52"		Tran	Equip											C	A
7.1 MEDICAL UNIT	7.1.19	Patient/Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
7.1 MEDICAL UNIT	7.1.19	Patient/Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.1 MEDICAL UNIT	7.1.19	Patient/Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
7.1 MEDICAL UNIT	7.1.19	Patient/Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
7.1 MEDICAL UNIT	7.1.19	Patient/Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		E	D2
7.1 MEDICAL UNIT	7.1.20	Patient Washroom Tub	100543T	1	CHAIR	SHOWER		Tran	Equip											C	B
7.1 MEDICAL UNIT	7.1.20	Patient Washroom Tub	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C
7.1 MEDICAL UNIT	7.1.20	Patient Washroom Tub	100300T	1	SHELVING	32 X 14 X 54"H		Tran	Equip											C	C
7.1 MEDICAL UNIT	7.1.20	Patient Washroom Tub	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420		C	C
7.1 MEDICAL UNIT	7.1.20	Patient Washroom Tub	100147T	1	TUB	PATIENT, CENTURY	W/ALENTI LIFT	Tran	Equip	May 2009	May 2020	\$30,000								E	B
7.1 MEDICAL UNIT	7.1.20	Patient Washroom Tub	100383T	1	WARMER	BLANKET	UNDERCOUNTER	Tran	Equip	Jan. 1988	Jan. 2000	\$4,300		\$4,300						E	B
7.1 MEDICAL UNIT	7.1.21	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
7.1 MEDICAL UNIT	7.1.21	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.1 MEDICAL UNIT	7.1.21	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
7.1 MEDICAL UNIT	7.1.21	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
7.1 MEDICAL UNIT	7.1.21	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		C	D2
7.1 MEDICAL UNIT	7.1.22	Procedure Room	100861	1	TELEHEALTH			New	Equip											E	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100		C	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000		C	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		E	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip											C	C
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260		C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100261T	1	MONITOR	NIBP W/SPO2/THERM OMETER	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,500				\$5,500			A	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100261A	1	MONITOR	NIBP W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	G	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	G	A
7.1 MEDICAL UNIT	7.1.23C	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	G	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23D	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23E	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23F	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000							A	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500			\$6,000		\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23G	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL		New	Equip			\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED		W/ BASKET & MOUNTING FOR COLUMN/RAIL	New			\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23H	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL		New	Equip			\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23I	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23J	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Oct. 2009	Oct. 2018	\$5,000					\$5,000	A	B	
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100054	1	SPHYGMOMANOM ETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23K	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100791T	1		HAMPER	LINEN	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100214	1		LIFT	PATIENT	CEILING	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100261A	1		MONITOR	NIPB W/SPO2	MOBILE W/STAND	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100807A	1		RAIL	GANTRY	OVERHEAD LIFT	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100028	1		REGULATOR	SUCTION	W/CANNISTER	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100226	1		TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100225	1		TABLE	OVERBED		Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100888	1		TELEPHONE			Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23L	Bedroom	100746	1		TRACK	CURTAIN		Equip				\$100					\$100	E	D2
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100206T	1		BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100350	1		CAN	GARBAGE		Equip				\$12					\$12	G	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100446T	1		CHAIR	PATIENT	HIGH BACK	Equip										C	C
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100417	1		CHAIR	SIDE	W/ARMS	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100098	1		CONTAINER	SHARPS	CHILD PROOF	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100745	1		CURTAINS	CUBICLE	WEIGHTED	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100353	1		DISPENSER	GLOVE BOX	TRIPLE	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100348	1		DISPENSER	SOAP		Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100791T	1		HAMPER	LINEN	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100214	1		LIFT	PATIENT	CEILING	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100261A	1		MONITOR	NIPB W/SPO2	MOBILE W/STAND	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100807A	1		RAIL	GANTRY	OVERHEAD LIFT	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100028	1		REGULATOR	SUCTION	W/CANNISTER	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	Equip				\$300					\$300	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23M	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMNRAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23N	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23O	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23O	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23O	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23O	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.230	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.230	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.230	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.230	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.230	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.230	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.230	Bedroom	100498	1	HEADWALL	RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.230	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.230	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.230	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.230	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.230	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.230	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100791	1	HAMPER	LINEN		New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100498	1	HEADWALL	RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.23P	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.25A	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25A	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25B	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25B	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25C	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25C	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25C	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25C	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25D	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25D	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25D	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25D	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25E	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25E	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25E	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25E	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25F	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25F	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.25F	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25F	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25G	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	E	B
7.1 MEDICAL UNIT	7.1.25G	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.1 MEDICAL UNIT	7.1.25G	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25G	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25H	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25H	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25H	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25H	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25I	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25I	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25I	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25I	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25J	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	E	B
7.1 MEDICAL UNIT	7.1.25J	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.1 MEDICAL UNIT	7.1.25J	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25J	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25K	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25K	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25K	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25K	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25L	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25L	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25L	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25L	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25M	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	E	B
7.1 MEDICAL UNIT	7.1.25M	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.1 MEDICAL UNIT	7.1.25M	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25M	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25N	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25N	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.25N	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25N	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25O	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.1 MEDICAL UNIT	7.1.25O	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.1 MEDICAL UNIT	7.1.25O	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25O	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.25P	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.25P	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.25P	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.25P	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	E	D2
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.27A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	June 2010	June 2019	\$5,000							A	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.1 MEDICAL UNIT	7.1.27B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.29A	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.29A	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.1 MEDICAL UNIT	7.1.29A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.29A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.29B	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.1 MEDICAL UNIT	7.1.29B	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.29B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.29B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	E	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100887T	1	CART	ISOLATION		Tran	Equip										E	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000		\$6,000					A	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.1 MEDICAL UNIT	7.1.31A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	E	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100887T	1	CART	ISOLATION		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.31B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100887T	1	CART	ISOLATION		Tran	Equip										C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.31C	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.31D	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.33A	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.1 MEDICAL UNIT	7.1.33B	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.1 MEDICAL UNIT	7.1.33C	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.1 MEDICAL UNIT	7.1.33D	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.1 MEDICAL UNIT	7.1.34A	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.34B	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.34C	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.34D	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.35A	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.35A	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.35A	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35A	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35B	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.35B	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.35B	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35B	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35C	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.35C	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.35C	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35C	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35D	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.35D	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.35D	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.35D	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100963	1	LIFT	BARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.1 MEDICAL UNIT	7.1.37A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	C	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100963	1	LIFT	BARiatric	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	E	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.1 MEDICAL UNIT	7.1.37B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
7.1 MEDICAL UNIT	7.1.39A	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.1 MEDICAL UNIT	7.1.39B	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.1 MEDICAL UNIT	7.1.40A	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.40B	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.1 MEDICAL UNIT	7.1.41A	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.41A	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.41A	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.41A	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.1 MEDICAL UNIT	7.1.41B	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.1 MEDICAL UNIT	7.1.41B	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.1 MEDICAL UNIT	7.1.41B	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.1 MEDICAL UNIT	7.1.41B	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.1	Clerical Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.2 SURGICAL UNIT	7.2.1	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.1	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.1	Clerical Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.2 SURGICAL UNIT	7.2.1	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.1	Clerical Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.2	Coordinator Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.2 SURGICAL UNIT	7.2.3A	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.3A	Shared Workstation	100209T	1	CART	CHART	ASSORTED SIZES	Tran	Equip										C	B
7.2 SURGICAL UNIT	7.2.3A	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.3A	Shared Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.2 SURGICAL UNIT	7.2.3A	Shared Workstation	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.2 SURGICAL UNIT	7.2.3B	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.3B	Shared Workstation	100317T	1	CHAIR	TECH		Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.3B	Shared Workstation	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.2 SURGICAL UNIT	7.2.3B	Shared Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.2 SURGICAL UNIT	7.2.3C	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.3C	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.3C	Shared Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.2 SURGICAL UNIT	7.2.3C	Shared Workstation	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.2 SURGICAL UNIT	7.2.4	Office Equipment Alcove	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
7.2 SURGICAL UNIT	7.2.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.2 SURGICAL UNIT	7.2.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.7	Office (standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.2 SURGICAL UNIT	7.2.8	Staff Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.8	Staff Room	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
7.2 SURGICAL UNIT	7.2.8	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.8	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.8	Staff Room	100216T	1	MICROWAVE			Tran	Equip										C	B
7.2 SURGICAL UNIT	7.2.8	Staff Room	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.2 SURGICAL UNIT	7.2.8	Staff Room	100635T	1	TABLE	END		Tran	Furn											C	C
7.2 SURGICAL UNIT	7.2.8	Staff Room	100530T	1	TABLE	WORK	30 x 60	Tran	Furn											C	C
7.2 SURGICAL UNIT	7.2.9	Staff Lockers Alcove	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C	
7.2 SURGICAL UNIT	7.2.10	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.10	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.10	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.10	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.10	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
7.2 SURGICAL UNIT	7.2.11A	Clean Utility Room	100763T	1	CART	CASE	OPEN	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.11A	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2	
7.2 SURGICAL UNIT	7.2.11A	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.11A	Clean Utility Room	100148T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.11B	Clean Utility Room	100182	1	CART	LINEN		New	Equip				\$1,700					\$1,700	C	D2	
7.2 SURGICAL UNIT	7.2.11B	Clean Utility Room	100089	1	CART	SUPPLY	5'	New	Equip				\$1,540					\$1,540	C	B	
7.2 SURGICAL UNIT	7.2.11B	Clean Utility Room	100038T	1	CART	UTILITY	RUBBERMAID	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.12A	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B	
7.2 SURGICAL UNIT	7.2.12A	Soiled Utility Room	100148T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.12A	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
7.2 SURGICAL UNIT	7.2.12A	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.12A	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.12A	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B	
7.2 SURGICAL UNIT	7.2.12B	Soiled Utility Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.12B	Soiled Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.12B	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
7.2 SURGICAL UNIT	7.2.12B	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.12B	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.12B	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B	
7.2 SURGICAL UNIT	7.2.13	Medication Room	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.13	Medication Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.13	Medication Room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000	A	B	
7.2 SURGICAL UNIT	7.2.13	Medication Room	100077T	1	REFRIGERATOR	MEDICINE	COUNTERTOP	Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100076D	1	DISPENSING UNIT	ANCILLARY	TALL	New	Equip				\$11,025					\$11,025	A	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000	A	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100076B	1	DISPENSING UNIT	TOWER		New	Equip				\$26,655					\$26,655	A	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100392T	1	MONITOR	ECG	W/STAND	Tran	Equip	Dec. 2006	Dec. 2013	\$16,000		\$16,000					A	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	C	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100502AT	1	SCALE	MANUAL		Tran	Equip	Jan. 1988	Jan. 2002	\$1,000		\$1,000					A	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B	
7.2 SURGICAL UNIT	7.2.14A	Pyxis/mobile equipment room	100229T	1	WHEELCHAIR			Tran	Equip										C	B	
7.2 SURGICAL UNIT	7.2.14B	Pyxis/mobile equipment room	100076D	1	DISPENSING UNIT	ANCILLARY	TALL	New	Equip				\$11,025					\$11,025	A	B	
7.2 SURGICAL UNIT	7.2.14B	Pyxis/mobile equipment room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000	A	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.14B	Pyxis/mobile equipment room	100076B	1	DISPENSING UNIT	TOWER		New	Equip				\$26.655					\$26.655	A	B
7.2 SURGICAL UNIT	7.2.14B	Pyxis/mobile equipment room	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,000				\$5,000			A	B
7.2 SURGICAL UNIT	7.2.14B	Pyxis/mobile equipment room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	E	B
7.2 SURGICAL UNIT	7.2.15A	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.15A	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.15A	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.15A	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
7.2 SURGICAL UNIT	7.2.15A	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
7.2 SURGICAL UNIT	7.2.15A	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
7.2 SURGICAL UNIT	7.2.15B	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.15B	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.15B	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.15B	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
7.2 SURGICAL UNIT	7.2.15B	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
7.2 SURGICAL UNIT	7.2.15B	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100442T	1	BOOKCASE	3 HIGH		Tran	Furn										C	B
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100543T	1	CHAIR	SHOWER		Tran	Equip										C	B
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100388T	1	COMMODE			Tran	Equip										C	B
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100388T	1	COMMODE			Tran	Equip										C	B
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100388T	1	COMMODE			Tran	Equip										C	B
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100121T	1	SOFA	2 SEATER		Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.16	Equipment Storage Room	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.17	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.2 SURGICAL UNIT	7.2.17	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip										C	D2
7.2 SURGICAL UNIT	7.2.17	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	101005T	1	CHAIR	SIDE	BARRIATRIC	Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100688T	1	CHAIR	SLEEP		Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100121T	1	SOFA	2 SEATER		Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100715T	1	SOFA	CHAIR		Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100696T	1	STAIRCASE			Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100635T	1	TABLE	END		Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100590T	1	TABLE	MEETING	42" DIAMETER	Tran	Furn										C	C
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100861	1	TELEHEALTH			New	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.2 SURGICAL UNIT	7.2.18	Multipurpose Room	100506T	1	TELEVISION	LARGE SCREEN	52"	Tran	Equip											C	A
7.2 SURGICAL UNIT	7.2.19	Patient/Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.19	Patient/Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.19	Patient/Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.19	Patient/Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.19	Patient/Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.19	Patient/Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100147	1	TUB	PATIENT	PARKER W/LIFT	New	Equip				\$30,000					\$30,000	C	B	
7.2 SURGICAL UNIT	7.2.20	Patient Washroom Tub	100383T	1	WARMER	BLANKET	UNDERCOUNTE R	Tran	Equip	Jan. 1988	Jan. 2000	\$4,300		\$4,300					C	B	
7.2 SURGICAL UNIT	7.2.21	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.21	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.21	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.21	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
7.2 SURGICAL UNIT	7.2.22	Procedure Room	100861	1	TELEHEALTH			New	Equip										C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	10053T	1	SPHYGMANOMET ER	WBASKET	WALL MOUNTED	Tran	Equip											B	B
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A	
7.2 SURGICAL UNIT	7.2.23A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100261T	1	MONITOR	NIBP W/SPO2/THERMOMETER	W/STAND	Tran	Equip	Dec. 2011	Dec. 2020	\$5,500							A	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	10053T	1	SPHYGMANOMET ER	WBASKET	WALL MOUNTED	Tran	Equip										B	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A	
7.2 SURGICAL UNIT	7.2.23B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2	
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B	
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100498	1	HEADWALL	RAIL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23C	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100498	1	HEADWALL	RAIL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	G	B
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23D	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	E	D2
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	G	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23E	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100053T	1	SPHYGMANOMETER		W/BASKET MOUNTED	Tran	Equip										B	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23F	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100387T	1	CHAIR	TREATMENT	RECLINER	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100053T	1	SPHYGMANOMETER	W/BASKET	WALL MOUNTED	Tran	Equip										B	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23G	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100020	1		FLOWMETER OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100020	1		FLOWMETER OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100791	1		HAMPER LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100791	1		HAMPER LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100214	1		LIFT	PATIENT CEILING	New	Equip				\$3,500					\$3,500	E	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100214	1		LIFT	PATIENT CEILING	New	Equip				\$3,500					\$3,500	E	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100261T	1		MONITOR	NIBP W/SPO2/THERM OMMETER	Tran	Equip	Jan. 2008	Jan. 2017	\$5,500				\$5,500			A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100021T	1		PUMP	INFUSION SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100581T	1		PUMP	SUCTION	Tran	Equip	Jan. 1999	Jan. 2010	\$2,000	\$2,000						A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100807A	1		RAIL	GANTRY OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100807A	1		RAIL	GANTRY OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100028	1		REGULATOR	SUCTION W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100028	1		REGULATOR	SUCTION W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100053T	1		SPHYGMANOMETER	W/BASKET WALL MOUNTED	Tran	Equip										B	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100226	1		TABLE	BEDSIDE 1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100226	1		TABLE	BEDSIDE 1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23H	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	E	D2
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100206T	1		BED	ELECTRIC - RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	E	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100446T	1		CHAIR	PATIENT HIGH BACK	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100098	1		CONTAINER	SHARPS CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100745	1		CURTAINS	CUBICLE WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100353	1		DISPENSER	GLOVE BOX TRIPLE	New	Equip				\$60					\$60	E	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100261T	1	MONITOR	NIBP W/SPO2/THERM O METER	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,500				\$5,500			A	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23I	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100261A	1	MONITOR	NIBP W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100581T	1	PUMP	SUCTION		Tran	Equip	Jan. 1992	Jan. 2003	\$2,000		\$2,000					A	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23J	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100498	1	HEADWALL	RAIL	W/MOUNTING	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23K	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	E	D2
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23L	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	E	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23M	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	G	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100498	1	HEADWALL	RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.23N	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.230	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.2 SURGICAL UNIT	7.2.230	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.2 SURGICAL UNIT	7.2.230	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.230	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.230	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.230	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.230	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.230	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.230	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100581T	1	PUMP	SUCTION		Tran	Equip	No info found		\$2,000		\$2,000					A	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.230	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.230	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.2 SURGICAL UNIT	7.2.230	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.230	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.230	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	E	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.2 SURGICAL UNIT	7.2.23P	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.25A	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.25A	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.25A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25B	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25B	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25C	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25C	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25C	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25C	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25D	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.25D	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.25D	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25D	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25E	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25E	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25E	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.25E	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25F	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25F	Washroom/Shower (Roll-in)	100347	2		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	E	D2
7.2 SURGICAL UNIT	7.2.25F	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25F	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25G	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.25G	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25G	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25G	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25H	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25H	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25H	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25H	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25I	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25I	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.25I	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25I	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25J	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	E	B
7.2 SURGICAL UNIT	7.2.25J	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25J	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25J	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25K	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25K	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25K	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25K	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25L	Washroom/Shower (Roll-in)	100350	2		CAN GARBAGE		New	Equip				\$12					\$24	E	B
7.2 SURGICAL UNIT	7.2.25L	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.25L	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25L	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.25M	Washroom/Shower (Roll-in)	100350	1		CAN GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25M	Washroom/Shower (Roll-in)	100347	1		DISPENSER PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25M	Washroom/Shower (Roll-in)	100348	1		DISPENSER SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.25M	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25N	Washroom/Shower (Roll-in)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25N	Washroom/Shower (Roll-in)	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25N	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25N	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25O	Washroom/Shower (Roll-in)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25O	Washroom/Shower (Roll-in)	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25O	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25O	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25P	Washroom/Shower (Roll-in)	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.25P	Washroom/Shower (Roll-in)	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.25P	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.25P	Washroom/Shower (Roll-in)	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip			\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100955	1		BED	BARRIATRIC		New	Equip			\$10,000					\$10,000	C	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100350	1		CAN	GARBAGE		New	Equip			\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100446	1		CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip			\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100199	1		CHAIR	SIDE	W/O ARMS	New	Furn			\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100098	1		CONTAINER	SHARPS	CHILD PROOF	New	Equip			\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100745	1		CURTAINS	CUBICLE	WEIGHTED	New	Equip			\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100353	1		DISPENSER	GLOVE BOX	TRIPLE	New	Equip			\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100347	1		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100348	1		DISPENSER	SOAP		New	Equip			\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100030	1		FLOWMETER	AIR		New	Equip			\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100020	1		FLOWMETER	OXYGEN		New	Equip			\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100791	1		HAMPER	LINEN	SINGLE	New	Equip			\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100498	1		HEADWALL	RAIL	W/MOUNTING	New	Equip			\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100261A	1		MONITOR	NIPB W/SPO2		New	Equip			\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100807A	1		RAIL	GANTRY	OVERHEAD LIFT	New	Equip			\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100028	1		REGULATOR	SUCTION	W/CANNISTER	New	Equip			\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip			\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100226	1		TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip			\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100225	1		TABLE	OVERBED		New	Equip			\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100888	1		TELEPHONE			New	Equip			\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.28A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100963	1	LIFT	BARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100963	1	LIFT	BARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.28B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.30A	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.30A	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.30A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.30A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.30B	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.30B	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.30B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.30B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	E	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100498	1	HEADWALL	RAIL	W/MOUNTING	New	Equip				\$2,500					\$2,500	E	D2
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.32A	Bedroom, Isolation	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.32B	Bedroom, Isolation	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.32C	Bedroom, Isolation	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100767	1		ACCESSORIES	FOR MOUNTING	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100206T	1		BED	ELECTRIC	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100446	1		CHAIR	PATIENT	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100199	1		CHAIR	SIDE	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100688	1		CHAIR	SLEEP	New	Furn				\$1,800					\$1,800	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100098	1		CONTAINER	SHARPS	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100745	1		CURTAINS	CUBICLE	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100347	1		DISPENSER	PAPER TOWEL	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100791	1		HAMPER	LINEN	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100498	1		HEADWALL	WMOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100214	1		LIFT	PATIENT	New	Equip				\$3,500					\$3,500	C	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100261A	1		MONITOR	NIPB W/SPO2	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100807A	1		RAIL	GANTRY	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100028	1		REGULATOR	SUCTION	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.32D	Bedroom, Isolation	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.35A	Staff Zone	100043	1		CHAIR	TASK	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.35B	Staff Zone	100043	1		CHAIR	TASK	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.35C	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.35D	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.36A	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.36A	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.36A	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36A	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36B	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.36B	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.36B	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36B	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36C	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.36C	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.36C	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36C	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36D	Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.36D	Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.36D	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.36D	Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHEL VES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	C	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100963	1	LIFT	BARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100947	1	TELEVISION	32" FLATSCREEN	WMOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.2 SURGICAL UNIT	7.2.38	Bedroom, Bariatric	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.2 SURGICAL UNIT	7.2.41	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.2 SURGICAL UNIT	7.2.45	Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.2 SURGICAL UNIT	7.2.45	Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.2 SURGICAL UNIT	7.2.45	Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.45	Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.2 SURGICAL UNIT	7.2.45	Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.1	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.1	Clerical Workstation	100209T	1	CART	CHART	ASSORTED SIZES	Tran	Equip										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.1	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.1	Clerical Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.1	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.1	Clerical Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.2	Coordinator Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.2	Coordinator Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.2	Coordinator Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.2	Coordinator Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.2	Coordinator Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.2	Coordinator Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3A	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3A	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3A	Shared Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3B	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3B	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3B	Shared Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3C	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3C	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.3C	Shared Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.4	Office Equipment Alcove	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.4	Office Equipment Alcove	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100707	1	CREENZA			New	Furn				\$1,000					\$1,000	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.7	Office (standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100441T	1	BOOKCASE	2 SHELF		Tran	Furn										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100200T	1	CABINET	FILE LATERAL	4 DRAWER	Tran	Furn										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100216T	1	MICROWAVE			Tran	Equip										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100218T	1	REFRIGERATOR	UNDERCOUNTER	ASSORTED SIZES	Tran	Equip										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.8	Staff Room	100590T	1	TABLE	MEETING	42" DIAMETER	Tran	Furn										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.9	Staff Lockers Alcove	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.10	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.10	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.10	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.10	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.10	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100852T	1	CABINET	STORAGE		Tran	Equip										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100038T	1	CART	UTILITY	RUBBERMAID	Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100837T	1	DRYER	DOMESTIC		Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100295T	1	PEDESTAL	DWR/DWR/FILE		Tran	Furn											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11A	Clean Utility Room	100718T	1	WASHER	DOMESTIC		Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11B	Clean Utility Room	100008AT	1	CART	PAR	DOUBLE	Tran	Equip											E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.11B	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip											E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12A	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12A	Soiled Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip											E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12A	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60		C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12A	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12A	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12A	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000		C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12B	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12B	Soiled Utility Room	100041	1	CART	UTILITY, 3 SHELF	27 X 16 X 32"H	New	Equip				\$290					\$290		C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12B	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60		E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12B	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12B	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.12B	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000		E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.13	Medication Room	100042T	1	CART	MEDICATION		Tran	Equip											E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.13	Medication Room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip											A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.13	Medication Room	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260						C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100076CT	1	DISPENSING UNIT	ANCILLARY		Tran	Equip											A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000		A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100076B	1	DISPENSING UNIT	TOWER		New	Equip				\$26,655					\$26,655		A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100594T	1	LIFT	PATIENT	STANDING	Tran	Equip	No info found est.	Dec. 2023	\$6,400								C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	June 2011	June 2020	\$5,000								A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2008	Jan. 2015	\$3,200		\$3,200						A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14A	Pyxis/mobile equipment room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500		E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14B	Pyxis/mobile equipment room	100076DT	1	DISPENSING UNIT	ANCILLARY	TALL	Tran	Equip											A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14B	Pyxis/mobile equipment room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000		A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14B	Pyxis/mobile equipment room	100076B	1	DISPENSING UNIT	TOWER		New	Equip				\$26,655					\$26,655		A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14B	Pyxis/mobile equipment room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500		C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.14B	Pyxis/mobile equipment room	100502AT	1	SCALE	MANUAL		Tran	Equip	No info found		\$1,000		\$1,000						A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15A	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15A	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15A	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15A	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	E	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15A	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400	E	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15A	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15B	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15B	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15B	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15B	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15B	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.15B	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.16	Equipment Storage Room	100114T	1	LIFT	PATIENT	SLING	Tran	Equip	Dec. 2009	Dec. 2021	\$9,100							C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.16	Equipment Storage Room	100114T	1	LIFT	PATIENT	SLING	Tran	Equip	Dec. 2009	Dec. 2021	\$9,100							C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.17	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	E	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.17	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSEKEEPING		Tran	Equip										E	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.17	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100298T	1	BOOKCASE	6 SHELF WIDE		Tran	Furn										E	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100307T	1	BOOKCASE	CORNER		Tran	Furn										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100406T	1	CART	1/2 HEIGHT	WIRE	Tran	Equip										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100148T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100199	6	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$1,200	C	C	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100291T	1	DESK	D/P	72 x 36	Tran	Equip										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100607T	1	DISHWASHER	DOMESTIC	MOBILE	Tran	Equip										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100837T	1	DRYER	DOMESTIC		Tran	Equip										E	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100557T	1	FREEZER	CHEST	SMALL	Tran	Equip										C	B	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100791T	1	HAMPER	LINEN		Tran	Equip											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100988T	1	HOOD	RANGE		Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100213T	1	ICE/WATER DISPENSER	COUNTERTOP		Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100216T	1	MICROWAVE			Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100755T	1	SCALE	WHEELCHAIR		Tran	Equip	June 2005	June 2015	\$5,500		\$5,500						A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100842T	1	STOVE	DOMESTIC		Tran	Equip											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100930T	1	TABLE		ASSORTED SIZES	Tran	Equip											C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100702T	1	TABLE	EXAM	MANUAL	Tran	Equip											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100733T	1	TABLE	HEIGHT ADJUSTABLE		Tran	Furn											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100733T	1	TABLE	HEIGHT ADJUSTABLE		Tran	Furn											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.18	Multipurpose Room	100733T	1	TABLE	HEIGHT ADJUSTABLE		Tran	Furn											C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.19	Patient/Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.19	Patient/Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.19	Patient/Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.19	Patient/Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.19	Patient/Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100543T	1	CHAIR	SHOWER		Tran	Equip										C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100147	1	TUB	PATIENT	PARKER WLIFT	New	Equip				\$30,000					\$30,000	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100383	1	WARMER	BLANKET	HALF SIZE	New	Equip				\$4,300					\$4,300	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.20	Patient Washroom Tub	100383T	1	WARMER	BLANKET	UNDERCOUNTER	Tran	Equip	Jan. 2001	Jan. 2013	\$4,300		\$4,300					C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.21	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.21	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2	
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.21	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2	

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.21	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.21	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.22	Procedure Room	100153T	1	CART	AUDIOVISUAL	W/TELEVISION	Tran	Equip										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.22	Procedure Room	100153T	1	CART	AUDIOVISUAL	W/TELEVISION	Tran	Equip										C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.22	Procedure Room	100417	3	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$780	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.22	Procedure Room	100861	1	TELEHEALTH			New	Equip										E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100503T	1	MATTRESS	PRESSURE RELIEF		Tran	Equip	No info found		\$4,000		\$4,000					C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100261A	1	MONITOR	NIPB W/SPO2		New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23C	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100002T	1	PUMP	FEEDING	W/POLE	Tran	Equip	No info found		\$800		\$800					A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23D	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100503T	1	MATRESS	PRESSURE RELIEF		Tran	Equip	No info found		\$4,000		\$4,000					C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23E	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23F	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100498	1	HEADWALL	RAIL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100054	1		SPHYGMOMANOMETER	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23G	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23H	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23I	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100498	1	HEADWALL	RAIL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMNRAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23J	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100370T	1	CHAIR	GERI	BRODA	Tran	Equip										G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	G	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23K	Bedroom	100366T	1	WALKER/ROLLER			Tran	Equip										G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23L	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23M	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	G	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.23N	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100347A	2	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$320	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100348A	2	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$40	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100349A	2	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$40	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100350A	2	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$24	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100347A	2	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$320	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100348A	2	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$40	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100350A	2	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$24	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100347A	2	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$320	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100348A	2	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$40	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100947	1		TELEVISION	32" FLATSCREEN (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27C	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100206T	1		BED	ELECTRIC - RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100350A	2		CAN	GARBAGE TAMPER PROOF	New	Equip				\$12					\$24	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100446	1		CHAIR	PATIENT HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100199	1		CHAIR	SIDE W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100098	1		CONTAINER	SHARPS CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100745	1		CURTAINS	CUBICLE WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100353	1		DISPENSER	GLOVE BOX TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100347A	2		DISPENSER	PAPER TOWEL TAMPER PROOF	New	Equip				\$160					\$320	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100348A	2		DISPENSER	SOAP TAMPER PROOF	New	Equip				\$20					\$40	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100349A	1		DISPENSER	TOILET TISSUE TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100791	1		HAMPER	LINEN SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100261A	1		MONITOR	NIPB W/SPO2 MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100028	1		REGULATOR	SUCTION W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100226	1		TABLE	BEDSIDE 1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.27D	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100767	1		ACCESSORIES	FOR MOUNTING BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Feb. 2011	Feb. 2023	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31A	Bedroom, Isolation	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100206	1	BED	ELECTRIC		New	Equip				\$7,000					\$7,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31B	Bedroom, Isolation	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100054	1	SPHYGMOMANOMETER		W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31C	Bedroom, Isolation	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100206	1	BED	ELECTRIC		New	Equip				\$7,000					\$7,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100206	1	BED	ELECTRIC		New	Equip				\$7,000					\$7,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	G	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.31D	Bedroom, Isolation	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.34A	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.34B	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.34C	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.34D	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100963	1	LIFT	BARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	G	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	E	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100955	1	BED	BARRIATRIC		New	Equip				\$10,000					\$10,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100446	1	CHAIR	PATIENT	HIGH BACK W/ARMS	New	Equip				\$800					\$800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100963	1	LIFT	BIARIATRIC	CEILING MOUNT	New	Equip				\$4,000					\$4,000	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100214	1	LIFT	PATIENT	CEILING	New	Equip				\$3,500					\$3,500	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100807A	1	RAIL	GANTRY	OVERHEAD LIFT	New	Equip				\$3,500					\$3,500	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.37B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.40A	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.3 GENERAL PSYCHIATRY/MEDICAL UNIT	7.3.40B	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.1	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.1	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.1	Clerical Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.1	Clerical Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.1	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.2	Coordinator Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.2	Coordinator Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.2	Coordinator Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.2	Coordinator Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.2	Coordinator Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.3	Security Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.3	Security Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.3	Security Workstation	100500	1	LOCKER	GUN	LOCKED	New	Equip				\$1,000					\$1,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.3	Security Workstation	100891	1	MONITOR	SECURITY	W/COMPUTER	New	Equip				\$2,500					\$2,500	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.3	Security Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.3	Security Workstation	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4A	Shared Workstation	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4A	Shared Workstation	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4A	Shared Workstation	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4A	Shared Workstation	100129	1		PEDESTAL	MOBILE FILE/FILE	New	Furn				\$500					\$500	E	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4B	Shared Workstation	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4B	Shared Workstation	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4B	Shared Workstation	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.4B	Shared Workstation	100129	1		PEDESTAL	MOBILE FILE/FILE	New	Furn				\$500					\$500	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.5	Office Equipment Alcove	100724	1		PHOTOCOPIER	MULTIFUNCTIONAL PRINTER/FAX/COPIER	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.6	Hand Hygiene Sink	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.6	Hand Hygiene Sink	100347	1		DISPENSER	PAPER TOWEL HANDS FREE	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.6	Hand Hygiene Sink	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	E	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100417	2		CHAIR	SIDE W/ARMS	New	Furn				\$260					\$520	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100707	1		CREENZA		New	Furn				\$1,000					\$1,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.7	Office/Interview Room	100198	1		WORKSTATION	SYSTEM/MILLWORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100417	2		CHAIR	SIDE W/ARMS	New	Furn				\$260					\$520	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100707	1		CREENZA		New	Furn				\$1,000					\$1,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.8	Office/Interview Room	100198	1		WORKSTATION	SYSTEM/MILLWORK TBD	New	Furn				\$1,750					\$1,750	E	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100043	3		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$1,800	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100272	1		COFFEE MAKER		New	Equip				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100216T	1	MICROWAVE			Tran	Equip										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260					C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.9	Staff Room	100525T	1	TABLE	MEETING	48" DIAMETER	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.10	Staff Lockers Alcove	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.11	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.11	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.11	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.11	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.11	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.12	Clean Utility Room	100089	1	CART	SUPPLY	5'	New	Equip				\$1,540					\$1,540	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.13	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.13	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.13	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.13	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.13	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.14	Medication Room	100076DT	1	DISPENSING UNIT	ANCILLARY	TALL	Tran	Equip										A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.14	Medication Room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000	A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.14	Medication Room	100076BT	1	DISPENSING UNIT	TOWER		Tran	Equip										A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.14	Medication Room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.14	Medication Room	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260					C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.16	Mobile Equipment Alcove	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.18	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.18	Housekeeping Closet	100952T	1	CART	JANITORHOUSE KEEPING		Tran	Equip										C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.18	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.19	Patient/Public Washroom	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.19	Patient/Public Washroom	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.19	Patient/Public Washroom	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.19	Patient/Public Washroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.19	Patient/Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.20	Procedure Room	100861	1	TELEHEALTH			New	Equip										C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.21	Patient Washroom	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.21	Patient Washroom	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.21	Patient Washroom	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.21	Patient Washroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.21	Patient Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.22	Lounge/Activity Room	100447	2	SOFA	3 SEATER		New	Furn				\$3,500					\$7,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.22	Lounge/Activity Room	100271	2	TABLE	COFFEE		New	Furn				\$750					\$1,500	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.22	Lounge/Activity Room	100306	3	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$1,800	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.22	Lounge/Activity Room	100861	1	TELEHEALTH			New	Equip										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.22	Lounge/Activity Room	100168T	1	TREADMILL			Tran	Equip	No info found		\$8,500		\$8,500					A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.23	Group Therapy (6 people)	100417	5	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$1,300	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.23	Group Therapy (6 people)	100121	4	SOFA	2 SEAT		New	Furn				\$2,500					\$10,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.23	Group Therapy (6 people)	100447	2	SOFA	3 SEATER		New	Furn				\$3,500					\$7,000	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.23	Group Therapy (6 people)	100271	1	TABLE	COFFEE		New	Furn				\$750					\$750	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.24	Kitchenette	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.24	Kitchenette	100842T	1	STOVE	DOMESTIC		Tran	Equip										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26A	Bedroom (One Bed)	100797T	1	BED	SINGLE		Tran	Furn										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26A	Bedroom (One Bed)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26A	Bedroom (One Bed)	100817T	1	DESK	SINGLE PEDESTAL	48	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26A	Bedroom (One Bed)	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26A	Bedroom (One Bed)	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26B	Bedroom (One Bed)	100797T	1	BED	SINGLE		Tran	Furn										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26B	Bedroom (One Bed)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26B	Bedroom (One Bed)	100817T	1	DESK	SINGLE PEDESTAL	48	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26B	Bedroom (One Bed)	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26B	Bedroom (One Bed)	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26C	Bedroom (One Bed)	100797T	1	BED	SINGLE		Tran	Furn										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26C	Bedroom (One Bed)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26C	Bedroom (One Bed)	100817T	1	DESK	SINGLE PEDESTAL	48	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26C	Bedroom (One Bed)	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26C	Bedroom (One Bed)	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26D	Bedroom (One Bed)	100797T	1	BED	SINGLE		Tran	Furn										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26D	Bedroom (One Bed)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26D	Bedroom (One Bed)	100817T	1	DESK	SINGLE PEDESTAL	48	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26D	Bedroom (One Bed)	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26D	Bedroom (One Bed)	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,000				\$5,000			A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26D	Bedroom (One Bed)	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26E	Bedroom (One Bed)	100797T	1	BED	SINGLE		Tran	Furn										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26E	Bedroom (One Bed)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26E	Bedroom (One Bed)	100817T	1	DESK	SINGLE PEDESTAL	48	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26E	Bedroom (One Bed)	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26E	Bedroom (One Bed)	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,000				\$5,000			A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26E	Bedroom (One Bed)	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26F	Bedroom (One Bed)	100797T	1	BED	SINGLE		Tran	Furn										C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26F	Bedroom (One Bed)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26F	Bedroom (One Bed)	100817T	1	DESK	SINGLE PEDESTAL	48	Tran	Furn										C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26F	Bedroom (One Bed)	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26F	Bedroom (One Bed)	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jan. 2001	Jan. 2010	\$5,000				\$5,000			A	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.26F	Bedroom (One Bed)	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28A	Washroom/Shower (Roll-In)	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28A	Washroom/Shower (Roll-In)	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28A	Washroom/Shower (Roll-In)	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28A	Washroom/Shower (Roll-In)	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28B	Washroom/Shower (Roll-In)	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28B	Washroom/Shower (Roll-In)	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28B	Washroom/Shower (Roll-In)	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28B	Washroom/Shower (Roll-In)	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28C	Washroom/Shower (Roll-In)	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28C	Washroom/Shower (Roll-In)	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28C	Washroom/Shower (Roll-In)	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28C	Washroom/Shower (Roll-In)	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28D	Washroom/Shower (Roll-In)	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28D	Washroom/Shower (Roll-In)	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28D	Washroom/Shower (Roll-In)	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28D	Washroom/Shower (Roll-In)	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28E	Washroom/Shower (Roll-In)	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28E	Washroom/Shower (Roll-In)	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28E	Washroom/Shower (Roll-In)	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28E	Washroom/Shower (Roll-In)	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28F	Washroom/Shower (Roll-In)	100350A	1	CAN	GARBAGE	TAMPER PROOF	New	Equip				\$12					\$12	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28F	Washroom/Shower (Roll-In)	100347A	1	DISPENSER	PAPER TOWEL	TAMPER PROOF	New	Equip				\$160					\$160	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28F	Washroom/Shower (Roll-In)	100348A	1	DISPENSER	SOAP	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.28F	Washroom/Shower (Roll-In)	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.29A	Bedroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.29A	Bedroom	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.29A	Bedroom	100785	1	MATTRESS	W/PLASTIC COVER		New	Equip				\$700					\$700	C	B
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.29B	Bedroom	100349A	1	DISPENSER	TOILET TISSUE	TAMPER PROOF	New	Equip				\$20					\$20	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.29B	Bedroom	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.4 PSYCHIATRIC INTENSIVE CARE UNIT	7.4.29B	Bedroom	100785	1	MATTRESS	W/PLASTIC COVER		New	Equip				\$700					\$700	C	B
7.5 OBSTETRICS UNIT	7.5.1	Clerical Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.5 OBSTETRICS UNIT	7.5.1	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.1	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.1	Clerical Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.5 OBSTETRICS UNIT	7.5.1	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.1	Clerical Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.2	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.5 OBSTETRICS UNIT	7.5.3A	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.3A	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.3A	Shared Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.5 OBSTETRICS UNIT	7.5.3A	Shared Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.3A	Shared Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.3B	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.3B	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.3B	Shared Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.5 OBSTETRICS UNIT	7.5.3B	Shared Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
7.5 OBSTETRICS UNIT	7.5.3B	Shared Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.3C	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.3C	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.3C	Shared Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.5 OBSTETRICS UNIT	7.5.3C	Shared Workstation	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
7.5 OBSTETRICS UNIT	7.5.3C	Shared Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.4	Office Equipment Alcove	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
7.5 OBSTETRICS UNIT	7.5.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.5 OBSTETRICS UNIT	7.5.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.5 OBSTETRICS UNIT	7.5.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.5 OBSTETRICS UNIT	7.5.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.7	Office (Standard)	100198	1	WORKSTATION		SYSTEMMILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100195	1	REFRIGERATOR	FULL SIZE		New	Equip				\$900					\$900	C	B
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100447	1	SOFA	3 SEATER		New	Furn				\$3,500					\$3,500	C	C
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100635	1	TABLE	END		New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.8	Staff Room	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.9	Staff Lockers Alcove	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
7.5 OBSTETRICS UNIT	7.5.10	Conference Room	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C
7.5 OBSTETRICS UNIT	7.5.10	Conference Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.10	Conference Room	100199	12	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,400	C	C
7.5 OBSTETRICS UNIT	7.5.10	Conference Room	100830	2	TABLE	MEETING	36 X 72"	New	Furn				\$600					\$1,200	C	C
7.5 OBSTETRICS UNIT	7.5.11	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.11	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.11	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.11	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.11	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										C	B
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY		
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip											G	D2	
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100008T	1	CART	PAR		Tran	Equip												C	B
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100210T	1	CART	SUPPLY	48"W	Tran	Equip												C	B
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip												C	B
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip												G	B
7.5 OBSTETRICS UNIT	7.5.12	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip												C	B
7.5 OBSTETRICS UNIT	7.5.13	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24			C	B
7.5 OBSTETRICS UNIT	7.5.13	Soiled Utility Room	100406T	1	CART	WIRE	1/2 HEIGHT	Tran	Equip												G	B
7.5 OBSTETRICS UNIT	7.5.13	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60			C	B
7.5 OBSTETRICS UNIT	7.5.13	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160			C	D2
7.5 OBSTETRICS UNIT	7.5.13	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20			C	D2
7.5 OBSTETRICS UNIT	7.5.13	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000			C	B
7.5 OBSTETRICS UNIT	7.5.14	Medication Room	100076	1	DISPENSING UNIT	MEDICATION	MAIN	New	Equip				\$85,000					\$85,000			A	B
7.5 OBSTETRICS UNIT	7.5.14	Medication Room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500			C	B
7.5 OBSTETRICS UNIT	7.5.14	Medication Room	100443T	1	REFRIGERATOR	UNDERCOUNTE R	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260							C	B
7.5 OBSTETRICS UNIT	7.5.15	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12			C	B
7.5 OBSTETRICS UNIT	7.5.15	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160			C	D2
7.5 OBSTETRICS UNIT	7.5.15	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20			C	D2
7.5 OBSTETRICS UNIT	7.5.15	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700			G	B
7.5 OBSTETRICS UNIT	7.5.15	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400			C	B
7.5 OBSTETRICS UNIT	7.5.15	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTE R		New	Equip				\$200					\$200			C	B
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100176T	1	LAMP	PHOTOTHERAPY		Tran	Equip	Mar. 2006	Mar. 2016	\$3,400					\$3,400			A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000					\$6,000			A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000					\$6,000			A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000					\$6,000			A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000					\$6,000			A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100595T	1	SCALE	INFANT	W/CART	Tran	Equip	Apr. 2005	Apr. 2015	\$4,500		\$4,500						A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100502AT	1	SCALE	MANUAL		Tran	Equip	Jan. 1988	Jan. 2002	\$1,000		\$1,000						A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100502AT	1	SCALE	MANUAL		Tran	Equip	Jan. 1988	Jan. 2002	\$1,000		\$1,000						A	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100221T	1	SPHYGMOMANOM ETER	MOBILE		Tran	Equip												A	B
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100221T	1	SPHYGMOMANOM ETER	MOBILE		Tran	Equip												A	B
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100066T	1	SUCTION	TRANSPORT		Tran	Equip	Dec. 2005	Dec. 2016	\$1,100					\$1,100			G	B	
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100229T	1	WHEELCHAIR			Tran	Equip												C	B
7.5 OBSTETRICS UNIT	7.5.16	Mobile Equipment Alcove	100229T	1	WHEELCHAIR			Tran	Equip												C	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000						A	B	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100406T	1	CART	1/2 HEIGHT	WIRE	Tran	Equip												G	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY	
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100406T	1	CART	1/2 HEIGHT	WIRE	Tran	Equip											C	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip											C	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip											C	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip											C	C
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip											C	C
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100814T	1	INCUBATOR	INFANT		Tran	Equip	Apr. 2003	Apr. 2013	\$30,000	\$2	\$30,000						A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100814T	1	INCUBATOR	INFANT		Tran	Equip	Dec. 2007	Dec. 2017	\$30,000					\$30,000			A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100814T	1	INCUBATOR	INFANT		Tran	Equip	Dec. 2007	Dec. 2007	\$30,000		\$30,000						A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100176T	1	LAMP	PHOTOTHERAPY		Tran	Equip	Mar. 2006	Mar. 2016	\$3,400			\$3,400					A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found		\$2,000		\$2,000						A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100522	1	MONITOR	SPECIAL CARE NURSERY	WMOUNTING ARM	New	Equip				\$30,000					\$30,000		A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100356T	1	OSMOMETER			Tran	Equip	No info found		\$11,000		\$11,000						A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100005T	1	PUMP	BREAST		Tran	Equip	Jan. 2012	Jan. 2022	\$1,500								A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100005T	1	PUMP	BREAST		Tran	Equip	Nov. 2009	Nov. 2019	\$1,500								A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100005T	1	PUMP	BREAST		Tran	Equip	Dec. 2010	Dec. 2020	\$1,500								A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip											A	B
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip											A	C
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100639T	1	TABLE	GOWN	20 X 36	Tran	Equip											C	C
7.5 OBSTETRICS UNIT	7.5.17	Equipment Storage Room	100383T	1	WARMER	BLANKET	UNDERCOUNTE R	Tran	Equip	Jan. 1988	Jan. 2000	\$4,300		\$4,300						C	B
7.5 OBSTETRICS UNIT	7.5.18	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24		C	B
7.5 OBSTETRICS UNIT	7.5.18	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip											C	D2
7.5 OBSTETRICS UNIT	7.5.18	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100417	4	CHAIR	SIDE	WIARMS	New	Furn				\$260					\$1,040		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100216T	1	MICROWAVE			Tran	Equip											C	B
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100121	2	SOFA	2 SEAT		New	Furn				\$2,500					\$5,000		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100447	1	SOFA	3 SEATER		New	Furn				\$3,500					\$3,500		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100635	2	TABLE	END		New	Furn				\$600					\$1,200		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600		C	C
7.5 OBSTETRICS UNIT	7.5.19	Family/Visitor Lounge	100395	1	TELEVISION	FLATSCREEN 32"	W/DVD & MOUNT	New	Equip				\$800					\$800		C	A
7.5 OBSTETRICS UNIT	7.5.20	Patient/Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
7.5 OBSTETRICS UNIT	7.5.20	Patient/Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160		C	D2
7.5 OBSTETRICS UNIT	7.5.20	Patient/Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20		C	D2
7.5 OBSTETRICS UNIT	7.5.20	Patient/Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20		C	D2
7.5 OBSTETRICS UNIT	7.5.20	Patient/Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35		C	D2
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000		C	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12		C	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014		C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600		C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	No info found		\$2,000		\$2,000					A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100487T	1	MICROSCOPE			Tran	Equip	Jan. 2005	Jan 2020	\$7,000							A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100741T	1	RACK	TRANSDUCER		Tran	Equip										C	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100502AT	1	SCALE	MANUAL		Tran	Equip	Jan. 1988	Jan. 2002	\$1,000		\$1,000					A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100219T	1	SCOPE	OTOSCOPE/OPH THALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					B	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100385T	1	STOOL	ADJUSTABLE		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100428T	1	TABLE	EXAMINATION		Tran	Equip	Jan. 1988	Jan. 2003	\$5,075		\$5,075					C	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100764T	1	TABLE	WORK	36 X 36	Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100861	1	TELEHEALTH			New	Equip										E	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100591T	1	ULTRASOUND	SONOSITE		Tran	Equip	Apr. 2010	Apr. 2018	\$30,000					\$30,000		A	B
7.5 OBSTETRICS UNIT	7.5.21	Assessment/Procedure Room	100591T	1	ULTRASOUND	SONOSITE		Tran	Equip	Feb. 2008	Feb. 2016	\$30,000			\$30,000				C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.22	Patient Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.22	Patient Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.22	Patient Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.22	Patient Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100207T	1	BED	LABOUR	W/MATTRESS	Tran	Equip	Apr. 2001	Apr. 2012	\$23,000		\$23,000					A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100248	1	BLENDER	NITROUS OXIDE		New	Equip				\$3,500					\$3,500	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100932	1	CART	DELIVERY	W/EXPANDABLE SHELF	New	Equip				\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100030A	1	FLOWMETER	AIR	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100020A	1	FLOWMETER	OXYGEN	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100498	2	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$5,000	C	D2
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100868	1	LIGHT	LDRP	(SET OF 2 PER ROOM)	New	Equip				\$8,800					\$8,800	B	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 1991	Jan. 2003	\$2,000		\$2,000					A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100854	1	MONITOR	FETAL	W/CART	Tran	Equip									\$30,000	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100028A	1	REGULATOR	SUCTION	NEONATAL	New	Equip				\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	G	D2
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100383	1	WARMER	BLANKET	HALF SIZE	New	Equip				\$4,300					\$4,300	G	B
7.5 OBSTETRICS UNIT	7.5.23A	Labour/Delivery/Recovery/Post partum Bedroom	100073	1	WARMER	INFANT	W/ RESCITATION COMPONENT	New	Equip				\$30,000					\$30,000	C	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100207T	1	BED	LABOUR	W/MATTRESS	Tran	Equip	Apr. 2001	Apr. 2012	\$23,000		\$23,000					A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100248	1	BLENDER	NITROUS OXIDE		New	Equip				\$3,500					\$3,500	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	G	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100932	1	CART	DELIVERY	W/EXPANDABLE SHELF	New	Equip				\$2,000					\$2,000	G	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	G	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100030A	1	FLOWMETER	AIR	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100020A	1	FLOWMETER	OXYGEN	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100498	2	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$5,000	C	D2
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100868	1	LIGHT	LDRP	(SET OF 2 PER ROOM)	New	Equip				\$8,800					\$8,800	B	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 1991	Jan. 2003	\$2,000		\$2,000					A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100854T	1	MONITOR	FETAL	W/CART	Tran	Equip	Jan. 2006	Jan. 2013	\$30,000		\$30,000					A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100028A	1	REGULATOR	SUCTION	NEONATAL	New	Equip				\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100383	1	WARMER	BLANKET	HALF SIZE	New	Equip				\$4,300					\$4,300	E	B
7.5 OBSTETRICS UNIT	7.5.23B	Labour/Delivery/Recovery/Post partum Bedroom	100073T	1	WARMER	INFANT	W/RECUSSITATION UNIT	Tran	Equip	Mar. 2008	Mar. 2018	\$30,000					\$30,000		E	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100207T	1	BED	LABOUR	W/MATTRESS	Tran	Equip	Apr. 2001	Apr. 2012	\$23,000		\$23,000					A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100248	1	BLENDER	NITROUS OXIDE		New	Equip				\$3,500					\$3,500	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100932	1	CART	DELIVERY	W/EXPANDABLE SHELF	New	Equip				\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100363	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	E	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	E	D2
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100030A	1	FLOWMETER	AIR	NEONATAL	New	Equip				\$60					\$60	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100020A	1	FLOWMETER	OXYGEN	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100498	2	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$5,000	C	D2
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100868	1	LIGHT	LDRP	(SET OF 2 PER ROOM)	New	Equip				\$8,800					\$8,800	B	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 1991	Jan. 2003	\$2,000		\$2,000					A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100854T	1	MONITOR	FETAL	W/CART	Tran	Equip	Jan. 2006	Jan 2013	\$30,000		\$30,000					A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100028A	1	REGULATOR	SUCTION	NEONATAL	New	Equip				\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100595T	1	SCALE	INFANT	W/CART	Tran	Equip	July 2005	July 2015	\$4,500		\$4,500					A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100383	1	WARMER	BLANKET	HALF SIZE	New	Equip				\$4,300					\$4,300	C	B
7.5 OBSTETRICS UNIT	7.5.23C	Labour/Delivery/Recovery/Post partum Bedroom	100073T	1	WARMER	INFANT	W/RECUSSITATION UNIT	Tran	Equip	Mar. 2008	Mar. 2018	\$30,000					\$30,000	C	B	
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100207T	1	BED	LABOUR	W/MATTRESS	Tran	Equip	Apr. 2001	Apr. 2012	\$23,000		\$23,000					A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100248	1	BLENDER	NITROUS OXIDE		New	Equip				\$3,500					\$3,500	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100932	1	CART	DELIVERY	W/EXPANDABLE SHELF	New	Equip				\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100030A	1	FLOWMETER	AIR	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100020A	1	FLOWMETER	OXYGEN	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100498	2	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$5,000	C	D2
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100868	1	LIGHT	LDRP	(SET OF 2 PER ROOM)	New	Equip				\$8,800					\$8,800	B	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 2004	Jan. 2016	\$2,000			\$2,000				A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100854T	1	MONITOR	FETAL	W/CART	Tran	Equip	June 2004	June 2011	\$30,000		\$30,000					A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100736T	1	PUMP	PCA		Tran	Equip	Jan. 2008	Jan. 2015	\$3,200		\$3,200					A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100028A	1	REGULATOR	SUCTION	NEONATAL	New	Equip				\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100517T	1	STAND	BASIN	SINGLE	Tran	Equip										A	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100383	1	WARMER	BLANKET	HALF SIZE	New	Equip				\$4,300					\$4,300	C	B
7.5 OBSTETRICS UNIT	7.5.23D	Labour/Delivery/Recovery/Post partum Bedroom	100073T	1	WARMER	INFANT	W/RECUSSITATION UNIT	Tran	Equip	Mar. 2008	Mar. 2018	\$30,000					\$30,000		C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	G	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100207	1	BED	LABOUR/DELIVERY	C/W MATTRESS	New	Equip				\$23,000					\$23,000	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100248	1	BLENDER	NITROUS OXIDE		New	Equip				\$3,500					\$3,500	G	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	G	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100932	1	CART	DELIVERY	W/EXPANDABLE SHELF	New	Equip				\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	G	D2
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	G	D2
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100030A	1	FLOWMETER	AIR	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100020A	1	FLOWMETER	OXYGEN	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100498	2	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$5,000	C	D2
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100868	1	LIGHT	LDRP	(SET OF 2 PER ROOM)	New	Equip				\$8,800					\$8,800	B	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100144T	1	LIGHT	PORTABLE	ONSTAND	Tran	Equip	Jan. 2004	Jan. 2016	\$2,000			\$20,000				A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100854	1	MONITOR	FETAL	W/CART	Tran	Equip				\$30,000					\$30,000	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100028A	1	REGULATOR	SUCTION	NEONATAL	New	Equip				\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100567	2	STOOL	S/S		New	Equip				\$300					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100947	1		TELEVISION	32" FLATSCREEN (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	E	D2
7.5 OBSTETRICS UNIT	7.5.23E	Labour/Delivery/Recovery/Post partum Bedroom	100383	1		WARMER	BLANKET	HALF SIZE	New	Equip			\$4,300					\$4,300	E	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip			\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100207	1		BED	LABOUR/DELIVERY	C/W MATTRESS	New	Equip			\$23,000					\$23,000	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100248	1		BLENDER	NITROUS OXIDE		New	Equip			\$3,500					\$3,500	C	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100350	1		CAN	GARBAGE		New	Equip			\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100932	1		CART	DELIVERY	W/EXPANDABLE SHELF	New	Equip			\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100587	1		CHAIR	ROCKER GLIDER		New	Equip			\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100199	2		CHAIR	SIDE	W/O ARMS	New	Furn			\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100098	1		CONTAINER	SHARPS	CHILD PROOF	New	Equip			\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100745	1		CURTAINS	CUBICLE	WEIGHTED	New	Equip			\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100353	1		DISPENSER	GLOVE BOX	TRIPLE	New	Equip			\$60					\$60	E	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100347	2		DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip			\$160					\$320	E	D2
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100348	2		DISPENSER	SOAP		New	Equip			\$20					\$40	C	D2
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100349	1		DISPENSER	TOILET TISSUE		New	Equip			\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100030	1		FLOWMETER	AIR		New	Equip			\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100030A	1		FLOWMETER	AIR	NEONATAL	New	Equip			\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100020	1		FLOWMETER	OXYGEN		New	Equip			\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100020A	1		FLOWMETER	OXYGEN	NEONATAL	New	Equip			\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100791	1		HAMPER	LINEN	SINGLE	New	Equip			\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100498	2		HEADWALL	W/MOUNTING RAIL		New	Equip			\$2,500					\$5,000	E	D2
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100868	1		LIGHT	LDRP	(SET OF 2 PER ROOM)	New	Equip			\$8,800					\$8,800	B	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100144	1		LIGHT	PORTABLE		New	Equip			\$2,000					\$2,000	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100854	1		MONITOR	FETAL	W/CART	Tran	Equip			\$30,000					\$30,000	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100261A	1		MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip			\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100028A	1		REGULATOR	SUCTION	NEONATAL	New	Equip			\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100028	1		REGULATOR	SUCTION	W/CANNISTER	New	Equip			\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip			\$300					\$300	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100567	2		STOOL	S/S	New	Equip				\$300					\$600	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.23F	Labour/Delivery/Recovery/Post partum Bedroom	100383	1		WARMER	BLANKET	New	Equip				\$4,300					\$4,300	C	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100003	1		BASSINETTE	W/STAND	New	Equip				\$2,000					\$2,000	A	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100206	1		BED	ELECTRIC	New	Equip				\$7,000					\$7,000	C	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100587	1		CHAIR	ROCKER GLIDER	New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100199	2		CHAIR	SIDE	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100098	1		CONTAINER	SHARPS	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100745	1		CURTAINS	CUBICLE	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100347	1		DISPENSER	PAPER TOWEL	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100791	1		HAMPER	LINEN	New	Equip				\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100261A	1		MONITOR	NIPB W/SPO2	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100028	1		REGULATOR	SUCTION	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.26A	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100003	1		BASSINETTE	W/STAND	New	Equip				\$2,000					\$2,000	A	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100206	1		BED	ELECTRIC	New	Equip				\$7,000					\$7,000	C	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.26B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.28A	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.28A	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.28A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.28A	Washroom/Shower (Roll-in)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.28B	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.28B	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.28B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.28B	Washroom/Shower (Roll-in)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100003	1	BASSINETTE	W/STAND		New	Equip				\$2,000					\$2,000	A	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED						\$300					\$300	A	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.5 OBSTETRICS UNIT	7.5.30A	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100003	1	BASSINETTE	W/STAND		New	Equip				\$2,000					\$2,000	A	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100199	2	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$400	C	C
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100791	1	HAMPER	LINEN	SINGLE	New	Equip				\$200					\$200	C	C
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED						\$300					\$300	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	E	B
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	WIMOUNT (tilting)	New	Equip				\$850					\$850	E	A
7.5 OBSTETRICS UNIT	7.5.30B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.5 OBSTETRICS UNIT	7.5.32A	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.5 OBSTETRICS UNIT	7.5.32A	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.32A	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
7.5 OBSTETRICS UNIT	7.5.32A	Washroom/Shower (Roll-in)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	E	D2
7.5 OBSTETRICS UNIT	7.5.32B	Washroom/Shower (Roll-in)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.5 OBSTETRICS UNIT	7.5.32B	Washroom/Shower (Roll-in)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.5 OBSTETRICS UNIT	7.5.32B	Washroom/Shower (Roll-in)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.32B	Washroom/Shower (Roll-in)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.34A	Private Infant Care Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.5 OBSTETRICS UNIT	7.5.34A	Private Infant Care Room	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.34A	Private Infant Care Room	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
7.5 OBSTETRICS UNIT	7.5.34A	Private Infant Care Room	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.5 OBSTETRICS UNIT	7.5.34A	Private Infant Care Room	100814T	1	INCUBATOR	INFANT		Tran	Equip	Dec. 2007	Dec. 2007	\$24,000		\$24,000					E	B
7.5 OBSTETRICS UNIT	7.5.34A	Private Infant Care Room	100522T	1	MONITOR	SPECIAL CARE NURSERY	MOBILE	Tran	Equip	Jan. 2001	Jan. 2008	\$30,000		\$30,000					A	B
7.5 OBSTETRICS UNIT	7.5.34B	Private Infant Care Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.5 OBSTETRICS UNIT	7.5.34B	Private Infant Care Room	100587	1	CHAIR	ROCKER GLIDER		New	Equip				\$1,014					\$1,014	C	C
7.5 OBSTETRICS UNIT	7.5.34B	Private Infant Care Room	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
7.5 OBSTETRICS UNIT	7.5.34B	Private Infant Care Room	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.5 OBSTETRICS UNIT	7.5.34B	Private Infant Care Room	100522	1	MONITOR	SPECIAL CARE NURSERY	WIMOUNTING ARM	New	Equip				\$30,000					\$30,000	A	B
7.5 OBSTETRICS UNIT	7.5.34B	Private Infant Care Room	100073T	1	WARMER	INFANT	W/RECUSSITATION UNIT	Tran	Equip	Mar. 2002	Mar. 2012	\$30,000		\$30,000					E	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100596T	1	AUDIOLOGY	TYMP		Tran	Equip	Jan. 1992	Jan. 2003	\$4,000		\$4,000					A	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100153T	1	CART	AUDIOVISUAL	W/TELEVISION	Tran	Equip										E	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100089T	1	CART	SUPPLY	66"	Tran	Equip										E	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100940T	1	OAE SCREENER			Tran	Equip	No info found		\$2,300		\$2,300					A	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100129	2	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$1,000	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100077T	1	REFRIGERATOR	MEDICINE	COUNTERTOP	Tran	Equip										C	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100595T	1	SCALE	INFANT	W/CART	Tran	Equip	July 2005	July 2015	\$4,500		\$4,500					A	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100786T	1	SCOPE	OTOSCOPE/OPT HALMOSCOPE	PORTABLE	Tran	Equip	No info found		\$525		\$525					A	B
7.5 OBSTETRICS UNIT	7.5.35	Staff Work Area (Nursery)	100413T	1	WARMER	BLANKET	TWO DOOR	Tran	Equip	No info found		\$7,400		\$7,400					C	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100933	1	CART	BIRTHING (CASE)		New	Equip				\$2,000					\$2,000	C	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100030A	1	FLOWMETER	AIR	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100020A	1	FLOWMETER	OXYGEN	NEONATAL	New	Equip				\$60					\$60	A	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100028A	1	REGULATOR	SUCTION	NEONATAL	New	Equip				\$500					\$500	A	B
7.5 OBSTETRICS UNIT	7.5.36	Infant Resuscitation Room	100073	1	WARMER	INFANT	W/ RESCITATION COMPONENT	New	Equip				\$30,000					\$30,000	C	B
7.5 OBSTETRICS UNIT	7.5.37	Family Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.5 OBSTETRICS UNIT	7.5.37	Family Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.5 OBSTETRICS UNIT	7.5.37	Family Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.37	Family Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.5 OBSTETRICS UNIT	7.5.37	Family Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.5 OBSTETRICS UNIT	7.5.38	Charting Alcove	100044	1	CHAIR	TASK	W/O ARMS	New	Furn				\$600					\$600	C	C
7.6 PEDIATRIC UNIT	7.6.1	Clerical Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.6 PEDIATRIC UNIT	7.6.1	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.1	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.6 PEDIATRIC UNIT	7.6.1	Clerical Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.6 PEDIATRIC UNIT	7.6.1	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.1	Clerical Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.2	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.6 PEDIATRIC UNIT	7.6.3A	Shared Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.6 PEDIATRIC UNIT	7.6.3A	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.3A	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.6 PEDIATRIC UNIT	7.6.3A	Shared Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
7.6 PEDIATRIC UNIT	7.6.3A	Shared Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.3A	Shared Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.6 PEDIATRIC UNIT	7.6.3B	Shared Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
7.6 PEDIATRIC UNIT	7.6.3B	Shared Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.3B	Shared Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.3B	Shared Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
7.6 PEDIATRIC UNIT	7.6.3B	Shared Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.3B	Shared Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
7.6 PEDIATRIC UNIT	7.6.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.6 PEDIATRIC UNIT	7.6.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.6 PEDIATRIC UNIT	7.6.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.6 PEDIATRIC UNIT	7.6.4	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
7.6 PEDIATRIC UNIT	7.6.5	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.5	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.5	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100216T	1	MICROWAVE			Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100195T	1	REFRIGERATOR	FULL SIZE		Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.8	Staff Room	100447T	1	SOFA	3 SEATER		Tran	Furn										C	C
7.6 PEDIATRIC UNIT	7.6.9	Staff Lockers Alcove	100212	5	LOCKER	BACKPACK	4 HIGH	New	Equip				\$200					\$1,000	C	C
7.6 PEDIATRIC UNIT	7.6.10	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.10	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.10	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.10	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.10	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100182T	1	CART	LINEN		Tran	Equip										C	D2
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100008T	1	CART	PAR		Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100089T	1	CART	SUPPLY	66"	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.11	Clean Utility Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.12	Soiled Utility Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.6 PEDIATRIC UNIT	7.6.12	Soiled Utility Room	100406T	1	CART	1/2 HEIGHT	WIRE	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.12	Soiled Utility Room	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.12	Soiled Utility Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.12	Soiled Utility Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.12	Soiled Utility Room	100507	1	DISPOSAL UNIT	BEDPAN		New	Equip				\$16,000					\$16,000	C	B
7.6 PEDIATRIC UNIT	7.6.13	Medication Room	100042T	1	CART	MEDICATION		Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.13	Medication Room	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
7.6 PEDIATRIC UNIT	7.6.13	Medication Room	100077T	1	REFRIGERATOR	MEDICINE	COUNTERTOP	Tran	Equip	Jan. 2006	Jan. 2018						\$2,000		C	B
7.6 PEDIATRIC UNIT	7.6.13	Medication Room	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	C	B
7.6 PEDIATRIC UNIT	7.6.13	Medication Room	100443T	1	REFRIGERATOR	UNDERCOUNTER	MED/LAB	Tran	Equip	No info found		\$1,260		\$1,260					C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.14	Nourishment Alcove	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.14	Nourishment Alcove	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.14	Nourishment Alcove	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.14	Nourishment Alcove	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
7.6 PEDIATRIC UNIT	7.6.14	Nourishment Alcove	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
7.6 PEDIATRIC UNIT	7.6.14	Nourishment Alcove	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100580AT	1	BRASLO	CARPET		Tran	Equip										A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100697T	1	CABINET	MEDICATION		Tran	Equip										G	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100380T	1	CART	EMERGENCY (CRASH)		Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100701T	1	CRIB			Tran	Equip	New									A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100379T	1	DEFIBRILLATOR	MONITOR		Tran	Equip	Jan. 2004	Jan. 2011	\$16,000		\$16,000					B	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100497T	1	DIAGNOSTIC PANEL	W/SPHYG, OTO/OPHTH		Tran	Equip	No info found		\$1,300		\$1,300					A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100176T	1	LAMP	PHOTOTHERAPY		Tran	Equip	June 2010	June 2020	\$3,400							A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100151T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Apr. 2002	Apr. 2009	\$38,526		\$38,526					A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100816T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Aug. 2004	Aug. 2011	\$21,784		\$21,784					A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100595T	1	SCALE	INFANT	W/CART	Tran	Equip	Jan. 2001	Jan. 2011	\$4,500		\$4,500					A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100502T	1	SCALE	PATIENT	W/HEIGHT BAR	Tran	Equip	In use no date	Dec. 2011	\$1,000		\$1,000					A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100219T	1	SCOPE	OTOSCOPE/OPHTHALMOSCOPE	WALL MOUNTED	Tran	Equip	Jan. 1990	Jan. 2005	\$1,000		\$1,000					A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100221T	1	SPHYGMOMANOMETER	MOBILE		Tran	Equip										A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100513T	1	STAND	MAYO	W/TRAY	Tran	Equip										A	B
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.15	Mobile Equipment Alcove	100567T	1	STOOLS	W/O CASTORS		Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100003T	1	BASSINET	W/STAND		Tran	Equip	Jan. 1988	Jan. 2003	\$2,000		\$2,000					A	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100100T	1	BOARD	PATIENT	TRANSFER, SHORT	Tran	Equip										B	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100701T	1	CRIB			Tran	Equip	New									A	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100701T	1	CRIB			Tran	Equip	Jan. 1988	Jan. 2003	\$4,000		\$4,000					A	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100701T	1	CRIB			Tran	Equip	Jan. 1988	Jan. 2003	\$4,000		\$4,000					A	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100701T	1	CRIB			Tran	Equip	Jan. 1988	Jan. 2003	\$4,000		\$4,000					A	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100701T	1	CRIB			Tran	Equip	New									A	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100229T	1	WHEELCHAIR			Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.16	Equipment Storage Room	100229T	1	WHEELCHAIR			Tran	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.17	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.17	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSE KEEPING		Tran	Equip										C	D2
7.6 PEDIATRIC UNIT	7.6.17	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100328T	1	CART	AUDIO/VISUAL		Tran	Equip										E	B
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100573T	1	CHAIR	CHILD		Tran	Furn										C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100043	3	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100594T	1	LIFT	PATIENT	STANDING	Tran	Equip	Dec. 2011	Dec. 2023	\$6,400							C	B
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100216T	1	MICROWAVE			Tran	Equip										G	B
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100202T	1	STAND	TV		Tran	Furn										A	B
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100842T	1	STOVE	DOMESTIC		Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100438T	1	TABLE	MODULAR	56 X 70	Tran	Furn										C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100438T	1	TABLE	MODULAR	56 X 70	Tran	Furn										C	C
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100861	1	TELEHEALTH			New	Equip										C	B
7.6 PEDIATRIC UNIT	7.6.18	Multipurpose Room	100526T	1	TELEVISION			Tran	Equip										G	A
7.6 PEDIATRIC UNIT	7.6.19	Patient/Public Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.19	Patient/Public Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
7.6 PEDIATRIC UNIT	7.6.19	Patient/Public Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.19	Patient/Public Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.19	Patient/Public Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
7.6 PEDIATRIC UNIT	7.6.20	Patient Washroom/Tub	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.6 PEDIATRIC UNIT	7.6.20	Patient Washroom/Tub	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.6 PEDIATRIC UNIT	7.6.20	Patient Washroom/Tub	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.20	Patient Washroom/Tub	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.20	Patient Washroom/Tub	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.20	Patient Washroom/Tub	100383	1	WARMER	BLANKET	HALF SIZE	New	Equip				\$4,300					\$4,300	C	B
7.6 PEDIATRIC UNIT	7.6.21	Laundry Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
7.6 PEDIATRIC UNIT	7.6.21	Laundry Room	100837	1	DRYER	DOMESTIC	W/PEDESTAL	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.21	Laundry Room	100718	1	WASHER	DOMESTIC	W/PEDESTAL	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100261AT	1		MONITOR	NIBP/SPO2	Tran	Equip	June 2011	June 2020	\$5,000						\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100261A	1		MONITOR	NIPB W/SPO2	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100028	1		REGULATOR	SUCTION	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.22A	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100206T	1		BED	ELECTRIC	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100199	1		CHAIR	SIDE	New	Furn				\$200					\$200	C	C
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100688	1		CHAIR	SLEEP	New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100098	1		CONTAINER	SHARPS	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100745	1		CURTAINS	CUBICLE	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100347	1		DISPENSER	PAPER TOWEL	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100498	1		HEADWALL	W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100261AT	1		MONITOR	NIBP/SPO2	Tran	Equip	Dec. 2011	Dec. 2020	\$5,000						\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100261A	1		MONITOR	NIPB W/SPO2	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100028	1		REGULATOR	SUCTION	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.22B	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100054	1		SPHYGMOMANOMETER	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100947	1	TELEVISION	FLATSCREEN	32" W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.22C	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100054	1		SPHYGMOMANOMETER	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.22D	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100498	1	HEADWALL		W/MOUNTING RAIL	New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100261A	1	MONITOR	NIPB W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100054	1		SPHYGMOMANOMETER	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100226	1	TABLE	BEDSIDE	1 DRAWER / 1 DOOR OR 3 DRAWER TBD	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100225	1	TABLE	OVERBED		New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.22E	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.24A	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.24A	Washroom/Shower (Roll-In)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.24A	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.24A	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.24B	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.24B	Washroom/Shower (Roll-In)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.24B	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.24B	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.24C	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.24C	Washroom/Shower (Roll-In)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.24C	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.24C	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.24D	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.24D	Washroom/Shower (Roll-In)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.24D	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.24D	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.24E	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.24E	Washroom/Shower (Roll-In)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.24E	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.24E	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100767	1	ACCESSORIES	FOR MOUNTING	BASKETS/SHELVES/ADAPTERS	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100206T	1	BED	ELECTRIC	- RENO FOR NURSE CALL RAILS & MATTRESS	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100446T	1	CHAIR	PATIENT	HIGH BACK	Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100098	1	CONTAINER	SHARPS	CHILD PROOF	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100498B	1	HEADWALL	SECURED		New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100261AT	1	MONITOR	NIBP/SPO2	W/STAND	Tran	Equip	Jan. 2008	Jan. 2017	\$5,000				\$5,000			A	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100261A	1	MONITOR	NIBP W/SPO2	MOBILE W/STAND	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100021T	1	PUMP	INFUSION	SINGLE CHANNEL	Tran	Equip	Oct. 2009	Oct. 2016	\$6,000			\$6,000				A	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.26A	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100206T	1		BED	ELECTRIC	Tran	Equip	Nov. 2010	Nov. 2022	\$7,000	\$2,000					\$2,000	C	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100417	1		CHAIR	SIDE	New	Furn				\$260					\$260	C	C
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100688	1		CHAIR	SLEEP	New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100098	1		CONTAINER	SHARPS	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100745	1		CURTAINS	CUBICLE	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100347	1		DISPENSER	PAPER TOWEL	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100348	1		DISPENSER	SOAP	New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100030	1		FLOWMETER	AIR	New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100020	1		FLOWMETER	OXYGEN	New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100498B	1		HEADWALL	SECURED	New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100261A	1		MONITOR	NIPB W/SPO2	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100028	1		REGULATOR	SUCTION	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100054	1		SPHYGMOMANOMETER	RAIL MOUNTED	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100226	1		TABLE	BEDSIDE	New	Equip				\$420					\$420	C	C
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100225	1		TABLE	OVERBED	New	Equip				\$450					\$450	C	B
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100947	1		TELEVISION	32" FLATSCREEN	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.26B	Bedroom	100746	1		TRACK	CURTAIN	New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100767	1		ACCESSORIES	FOR MOUNTING	New	Equip				\$1,100					\$1,100	C	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100446	1		CHAIR	PATIENT	New	Equip				\$800					\$800	C	C
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100098	1		CONTAINER	SHARPS	New	Equip				\$40					\$40	C	C
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100745	1		CURTAINS	CUBICLE	New	Equip				\$290					\$290	C	C
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100353	1		DISPENSER	GLOVE BOX	New	Equip				\$60					\$60	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100030	1	FLOWMETER	AIR		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100020	1	FLOWMETER	OXYGEN		New	Equip				\$80					\$80	A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100498	1	HEADWALL	W/MOUNTING RAIL		New	Equip				\$2,500					\$2,500	C	D2
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100261	1	MONITOR	NIBP W/SPO2/THERM OMMETER	STAND OR WALL MOUNT	New	Equip				\$5,000					\$5,000	A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100816T	1	MONITOR	PHYSIOLOGICAL		Tran	Equip	Sept. 2006	Sept. 2013	\$21,784		\$21,784					A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100021	1	PUMP	INFUSION	SINGLE CHANNEL, W/POLE	New	Equip				\$6,000					\$6,000	A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100028	1	REGULATOR	SUCTION	W/CANNISTER	New	Equip				\$642					\$642	A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100054	1	SPHYGMOMANOMETER	RAIL MOUNTED	W/ BASKET & MOUNTING FOR COLUMN/RAIL	New	Equip				\$300					\$300	A	B
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100947	1	TELEVISION	32" FLATSCREEN	W/MOUNT (tilting)	New	Equip				\$850					\$850	C	A
7.6 PEDIATRIC UNIT	7.6.30	Bedroom	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
7.6 PEDIATRIC UNIT	7.6.32	Family Zone	100688	1	CHAIR	SLEEP		New	Furn				\$1,800					\$1,800	C	C
7.6 PEDIATRIC UNIT	7.6.33	Staff Zone	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
7.6 PEDIATRIC UNIT	7.6.34	Washroom/Shower (Roll-In)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
7.6 PEDIATRIC UNIT	7.6.34	Washroom/Shower (Roll-In)	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
7.6 PEDIATRIC UNIT	7.6.34	Washroom/Shower (Roll-In)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
7.6 PEDIATRIC UNIT	7.6.34	Washroom/Shower (Roll-In)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100790	1	BIN	GARBAGE		New	Equip				\$50					\$50	C	C
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100805	1	BIN	RECYCLE	LARGE, ON WHEELS	New	Equip				\$84					\$84	C	C
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100991T	1	CART	SUPPLY	36"W	Tran	Equip										C	B
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100346T	1	PRINTER	LABEL		Tran	Equip										A	A
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
8.0 PHARMACY	8.1.1	Receiving and Breakout Room	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
8.0 PHARMACY	8.1.2	Purchasing Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
8.0 PHARMACY	8.1.2	Purchasing Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.2	Purchasing Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
8.0 PHARMACY	8.1.2	Purchasing Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
8.0 PHARMACY	8.1.2	Purchasing Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
8.0 PHARMACY	8.1.2	Purchasing Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
8.0 PHARMACY	8.1.3	Inventory Storage Room	100645T	1	REFRIGERATOR	LAB		Tran	Equip	Jan. 2006	Jan. 2018	\$2,200					\$2,200		B	B
8.0 PHARMACY	8.1.3	Inventory Storage Room	100645T	1	REFRIGERATOR	LAB		Tran	Equip	Jan. 2006	Jan. 2018	\$2,200					\$2,200		B	B
8.0 PHARMACY	8.1.3	Inventory Storage Room	100959A	1	SHELVING	HIGH DENSITY	PHARMACY	New	Equip				\$64,672					\$64,672	C	D2
8.0 PHARMACY	8.1.4	Narcotics Vault	100459	1	SHELVING	PHARMACY	W/BINS	New	Equip				\$2,000					\$2,000	C	C
8.0 PHARMACY	8.1.5	Central Production Area	100110	1	CAMERA	PHARMACY	REMOTE ADMIXTURE CHECKING	New	Equip				\$50,000					\$50,000	B	B
8.0 PHARMACY	8.1.5	Central Production Area	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	G	B
8.0 PHARMACY	8.1.5	Central Production Area	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
8.0 PHARMACY	8.1.5	Central Production Area	100623	1	CAROUSEL	PHARMACY		New	Equip				\$150,000					\$150,000	B	B
8.0 PHARMACY	8.1.5	Central Production Area	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										G	B
8.0 PHARMACY	8.1.5	Central Production Area	100041AT	1	CART	UTILITY	3 SHELF 36 X 22 X 36"h	Tran	Equip										G	B
8.0 PHARMACY	8.1.5	Central Production Area	100043	4	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$2,400	C	C
8.0 PHARMACY	8.1.5	Central Production Area	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
8.0 PHARMACY	8.1.5	Central Production Area	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
8.0 PHARMACY	8.1.5	Central Production Area	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
8.0 PHARMACY	8.1.5	Central Production Area	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
8.0 PHARMACY	8.1.5	Central Production Area	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
8.0 PHARMACY	8.1.5	Central Production Area	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
8.0 PHARMACY	8.1.5	Central Production Area	100260	1	EYE WASH STATION			New	Equip				\$600					\$600	C	D2
8.0 PHARMACY	8.1.5	Central Production Area	100082AT	1	PACKAGER	UNIT DOSE	TABLE TOP	Tran	Equip										G	B
8.0 PHARMACY	8.1.5	Central Production Area	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
8.0 PHARMACY	8.1.5	Central Production Area	100346	2	PRINTER	LABEL		New	Equip				\$2,500					\$5,000	A	A
8.0 PHARMACY	8.1.5	Central Production Area	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
8.0 PHARMACY	8.1.5	Central Production Area	100629T	1	REFRIGERATOR	LAB		Tran	Equip	Jan. 2006	Jan. 2018	\$5,500					\$5,500		B	B
8.0 PHARMACY	8.1.5	Central Production Area	100659	2	REFRIGERATOR	PHARMACY	ALARMED	New	Equip				\$10,000					\$20,000	B	B
8.0 PHARMACY	8.1.5	Central Production Area	100192T	1	SEALER	HEAT	BLISTER PACK	Tran	Equip										B	C
8.0 PHARMACY	8.1.5	Central Production Area	100459	4	SHELVING	PHARMACY	W/BINS	New	Equip				\$2,000					\$8,000	C	C
8.0 PHARMACY	8.1.5	Central Production Area	100662AT	1	TABLE	GOWN	48 X 24	Tran	Equip										C	C
8.0 PHARMACY	8.1.5	Central Production Area	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A
8.0 PHARMACY	8.1.5	Central Production Area	100198	4	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$7,000	C	D2
8.0 PHARMACY	8.1.6	Entry Vestibule (Gowning)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.6	Entry Vestibule (Gowning)	100352	1	DISPENSER	GOWN/GLOVE	MASKS	New	Equip				\$400					\$400	C	B
8.0 PHARMACY	8.1.6	Entry Vestibule (Gowning)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2
8.0 PHARMACY	8.1.6	Entry Vestibule (Gowning)	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	G	D2
8.0 PHARMACY	8.1.6	Entry Vestibule (Gowning)	100260	1	EYE WASH STATION			New	Equip				\$600					\$600	G	D2
8.0 PHARMACY	8.1.6	Entry Vestibule (Gowning)	100791T	1	HAMPER	LINEN		Tran	Equip										C	C
8.0 PHARMACY	8.1.7	Sterile Ante Area- ISO 8 - USP 797	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.7	Sterile Ante Area- ISO 8 - USP 797	100352	1	DISPENSER	GOWN/GLOVE	MASKS	New	Equip				\$400					\$400	C	B
8.0 PHARMACY	8.1.7	Sterile Ante Area- ISO 8 - USP 797	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	G	D2
8.0 PHARMACY	8.1.7	Sterile Ante Area- ISO 8 - USP 797	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	G	D2
8.0 PHARMACY	8.1.7	Sterile Ante Area- ISO 8 - USP 797	100086	1	REFRIGERATOR	PASS-THRU		New	Equip				\$9,000					\$9,000	B	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
8.0 PHARMACY	8.1.7	Sterile Ante Area- ISO 8 - USP 797	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
8.0 PHARMACY	8.1.8	Sterile Preparation Room	100465T	1	CABINET	BIOLOGICAL SAFETY	W/STAND	Tran	Equip	Feb. 2004	Feb. 2019	\$10,000						\$0	C	B
8.0 PHARMACY	8.1.8	Sterile Preparation Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.8	Sterile Preparation Room	100188AT	1	CART	SUTURE	DOUBLE SIDED	Tran	Equip										C	B
8.0 PHARMACY	8.1.8	Sterile Preparation Room	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
8.0 PHARMACY	8.1.8	Sterile Preparation Room	100317	2	CHAIR	TASK W/O ARMS	LAB HEIGHT	New	Furn				\$376					\$752	C	C
8.0 PHARMACY	8.1.8	Sterile Preparation Room	100480T	1	REFRIGERATOR	MEDIA	SINGLE DOOR	Tran	Equip	No info found		\$10,000	\$0	\$10,000				\$0	B	B
8.0 PHARMACY	8.1.9	Chemotherapy Prep Anteroom - ISO 7	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.9	Chemotherapy Prep Anteroom - ISO 7	100352	1	DISPENSER	GOWN/GLOVE	MASKS	New	Equip				\$400					\$400	C	B
8.0 PHARMACY	8.1.9	Chemotherapy Prep Anteroom - ISO 7	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
8.0 PHARMACY	8.1.9	Chemotherapy Prep Anteroom - ISO 7	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
8.0 PHARMACY	8.1.9	Chemotherapy Prep Anteroom - ISO 7	100086	1	REFRIGERATOR	PASS-THRU		New	Equip				\$9,000					\$9,000	B	B
8.0 PHARMACY	8.1.9	Chemotherapy Prep Anteroom - ISO 7	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
8.0 PHARMACY	8.1.10	Chemotherapy Prep Room - ISO 7	100465	1	CABINET	BIOLOGICAL SAFETY, W/STAND	CLASS II TYPE B2	New	Equip				\$11,000					\$11,000	C	B
8.0 PHARMACY	8.1.10	Chemotherapy Prep Room - ISO 7	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.10	Chemotherapy Prep Room - ISO 7	100041T	1	CART	UTILITY	3 SHELF	Tran	Equip										C	B
8.0 PHARMACY	8.1.10	Chemotherapy Prep Room - ISO 7	100317	1	CHAIR	TASK W/O ARMS	LAB HEIGHT	New	Furn				\$376					\$376	C	C
8.0 PHARMACY	8.1.11	Night Cupboard	100076T	1	DISPENSING UNIT	MEDICATION	MAIN	Tran	Equip										A	B
8.0 PHARMACY	8.1.11	Night Cupboard	100077T	1	REFRIGERATOR	MEDICINE	COUNTERTOP	Tran	Equip										C	B
8.0 PHARMACY	8.1.11	Night Cupboard	100960	1	REFRIGERATOR	STORAGE	SINGLE DOOR	New	Equip				\$5,500					\$5,500	C	B
8.0 PHARMACY	8.1.11	Night Cupboard	100459	1	SHELVING	PHARMACY	W/BINS	New	Equip				\$2,000					\$2,000	C	C
8.0 PHARMACY	8.1.12	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
8.0 PHARMACY	8.1.12	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.12	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
8.0 PHARMACY	8.1.12	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
8.0 PHARMACY	8.1.12	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
8.0 PHARMACY	8.1.12	Office (Standard)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
8.0 PHARMACY	8.1.12	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
8.0 PHARMACY	8.1.12	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
8.0 PHARMACY	8.1.13A	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
8.0 PHARMACY	8.1.13A	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.13A	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
8.0 PHARMACY	8.1.13A	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
8.0 PHARMACY	8.1.13A	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
8.0 PHARMACY	8.1.13A	Workstation	100127T	1	WORKSTATION	COMPUTER	48 X 32	Tran	Furn										A	B
8.0 PHARMACY	8.1.13B	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
8.0 PHARMACY	8.1.13B	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.13B	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
8.0 PHARMACY	8.1.13B	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
8.0 PHARMACY	8.1.13B	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
8.0 PHARMACY	8.1.13B	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
8.0 PHARMACY	8.1.14	Conference Room	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C
8.0 PHARMACY	8.1.14	Conference Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.14	Conference Room	100199	10	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,000	C	C
8.0 PHARMACY	8.1.14	Conference Room	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
8.0 PHARMACY	8.1.14	Conference Room	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
8.0 PHARMACY	8.1.14	Conference Room	100213	1	ICE DISPENSER	COUNTERTOP	ICE/WATER	New	Equip				\$4,700					\$4,700	C	B
8.0 PHARMACY	8.1.14	Conference Room	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
8.0 PHARMACY	8.1.14	Conference Room	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
8.0 PHARMACY	8.1.14	Conference Room	100764	2	TABLE	WORK/MEETING	MODULAR	New	Furn				\$600					\$1,200	C	C
8.0 PHARMACY	8.1.14	Conference Room	101017	1	TELECONFERENCING EQUIPMENT			New	Equip										C	B
8.0 PHARMACY	8.1.14	Conference Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
8.0 PHARMACY	8.1.15	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
8.0 PHARMACY	8.1.15	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
8.0 PHARMACY	8.1.15	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
8.0 PHARMACY	8.1.15	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
8.0 PHARMACY	8.1.15	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
8.0 PHARMACY	8.1.17	Housekeeping Closet	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
8.0 PHARMACY	8.1.17	Housekeeping Closet	100952T	1	CART	JANITOR/HOUSEKEEPING		Tran	Equip										C	D2
8.0 PHARMACY	8.1.17	Housekeeping Closet	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.1	Reception/Waiting Area	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.1	Reception/Waiting Area	100715	4	SOFA	CHAIR		New	Furn				\$1,569					\$6,276	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.1	Reception/Waiting Area	100635A	1	TABLE	END	RECTANGLE	New	Furn				\$650					\$650	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.2	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.2	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.2	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.2	Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.2	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.2	Workstation	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.3A	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.3A	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.3A	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.3A	Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.3A	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.3A	Workstation	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.3B	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.3B	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.3B	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.3B	Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.3B	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.1 EXECUTIVE OFFICE SUITE	9.1.3B	Workstation	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.3C	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.3C	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.3C	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.3C	Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.3C	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.3C	Workstation	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100197T	1	BOARD	WHITE	48 X 72	Tran	Equip										C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100043	10	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$6,000	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100707T	1	CREENZA			Tran	Furn										C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100997	0.5	TABLE	CONFERENCE		New	Furn				\$10,000					\$5,000	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100861T	1	TELECONFERENCING / TELEHEALTH EQUIPMENT	W/STAND		Tran	Equip										C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.4	Conference Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	100310	1	BOARD	WHITE	CABINET	New	Furn				\$968					\$968	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	100043	25	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$15,000	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	100997	1	TABLE	CONFERENCE		New	Furn				\$10,000					\$10,000	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	101017	1	TELECONFERENCING EQUIPMENT			New	Equip										C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.5	Conference Room/Board Room	100506	1	TELEVISION	FLATSCREEN W/MOUNT	52" - 62"	New	Equip				\$2,000					\$2,000	C	A
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100310	1	BOARD	WHITE	CABINET	New	Furn				\$968					\$968	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100298	1	BOOKCASE			New	Furn				\$660					\$660	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100417A	4	CHAIR	SIDE W/ARMS	EXECUTIVE	New	Furn				\$220					\$880	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100707A	1	CREENZA	EXECUTIVE		New	Furn				\$1,100					\$1,100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100203	1	PRINTER	LASER		New	Equip				\$0					\$0	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100447	1	SOFA	3 SEATER		New	Furn				\$3,500					\$3,500	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100635A	2	TABLE	END	RECTANGLE	New	Furn				\$650					\$1,300	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100525	1	TABLE	MEETING	EXECUTIVE	New	Furn				\$750					\$750	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100043A	1	TASK CHAIR	EXECUTIVE OFFICE		New	Furn				\$660					\$660	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.6	Office (Executive)	100198C	1	WORKSTATION	EXECUTIVE OFFICE		New	Furn				\$2,500					\$2,500	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100061	1	BOARD	WHITE/TACK	36 x 24	New	Equip				\$100					\$100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100298	1	BOOKCASE			New	Furn				\$660					\$660	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100417A	2	CHAIR	SIDE W/ARMS	EXECUTIVE	New	Furn				\$220					\$440	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100707A	1	CREDENZA	EXECUTIVE		New	Furn				\$1,100					\$1,100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100525	1	TABLE	MEETING	EXECUTIVE	New	Furn				\$750					\$750	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100043A	1	TASK CHAIR	EXECUTIVE OFFICE		New	Furn				\$660					\$660	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7A	Office (Director)	100198C	1	WORKSTATION	EXECUTIVE OFFICE		New	Furn				\$2,500					\$2,500	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100061	1	BOARD	WHITE/TACK	36 x 24	New	Equip				\$100					\$100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100298	1	BOOKCASE			New	Furn				\$660					\$660	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100417A	2	CHAIR	SIDE W/ARMS	EXECUTIVE	New	Furn				\$220					\$440	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100707A	1	CREDENZA	EXECUTIVE		New	Furn				\$1,100					\$1,100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100525	1	TABLE	MEETING	EXECUTIVE	New	Furn				\$750					\$750	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100043A	1	TASK CHAIR	EXECUTIVE OFFICE		New	Furn				\$660					\$660	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7B	Office (Director)	100198C	1	WORKSTATION	EXECUTIVE OFFICE		New	Furn				\$2,500					\$2,500	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100061	1	BOARD	WHITE/TACK	36 x 24	New	Equip				\$100					\$100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100298	1	BOOKCASE			New	Furn				\$660					\$660	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100417A	2	CHAIR	SIDE W/ARMS	EXECUTIVE	New	Furn				\$220					\$440	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100707A	1	CREDENZA	EXECUTIVE		New	Furn				\$1,100					\$1,100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100525	1	TABLE	MEETING	EXECUTIVE	New	Furn				\$750					\$750	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100043A	1	TASK CHAIR	EXECUTIVE OFFICE		New	Furn				\$660					\$660	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.7C	Office (Director)	100198C	1	WORKSTATION	EXECUTIVE OFFICE		New	Furn				\$2,500					\$2,500	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100298	1	BOOKCASE			New	Furn				\$660					\$660	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100417A	2	CHAIR	SIDE W/ARMS	EXECUTIVE	New	Furn				\$220					\$440	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100051	1	CLOCK	WALL	W/SECOND HAND	New	Furn				\$35					\$35	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100707A	1	CREDENZA	EXECUTIVE		New	Furn				\$1,100					\$1,100	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100525	1	TABLE	MEETING	EXECUTIVE	New	Furn				\$750					\$750	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100043A	1	TASK CHAIR	EXECUTIVE OFFICE		New	Furn				\$660					\$660	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.1 EXECUTIVE OFFICE SUITE	9.1.7D	Office (Director)	100198C	1	WORKSTATION	EXECUTIVE OFFICE		New	Furn				\$2,500					\$2,500	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.8	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.8	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.8	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.8	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.8	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100707	1	CREDENZA			New	Furn				\$1,000					\$1,000	C	C
9.1 EXECUTIVE OFFICE SUITE	9.1.9	Office (Standard)	100198A	1	WORKSTATION	OPEN W/OVERHEAD SHELVING		New	Furn				\$2,000					\$2,000	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.10	Office Equipment Alcove	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.10	Office Equipment Alcove	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.10	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.10	Office Equipment Alcove	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.1 EXECUTIVE OFFICE SUITE	9.1.11	Kitchenette	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.11	Kitchenette	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.11	Kitchenette	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.11	Kitchenette	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.11	Kitchenette	100195	1	REFRIGERATOR	FULL SIZE		New	Equip				\$900					\$900	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.11	Kitchenette	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.12	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.1 EXECUTIVE OFFICE SUITE	9.1.12	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.12	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.12	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
9.1 EXECUTIVE OFFICE SUITE	9.1.12	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100370	1	CHAIR	BRODA		New	Equip				\$1,800						C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.1	Office (Standard)	100198	1	WORKSTATION	SYSTEM/MILLWORK TBD		New	Furn				\$1,750					\$1,750	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100200	2	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$1,600	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.2	Office (Shared by Dieticians)	100198	2	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$3,500	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100200	2	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$1,600	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100043	2	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$1,200	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100888	2	TELEPHONE			New	Equip				\$500					\$1,000	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.3	Office (Shared by Social Workers)	100198	2	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$3,500	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.4	Office (Shared by Therapists)	100350	4	CAN	GARBAGE		New	Equip				\$12					\$48	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.4	Office (Shared by Therapists)	100043	4	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$2,400	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.4	Office (Shared by Therapists)	100128T	4	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.4	Office (Shared by Therapists)	100291	4	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$3,000	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.4	Office (Shared by Therapists)	100888	4	TELEPHONE			New	Equip				\$500					\$2,000	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.5	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6A	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6A	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6A	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6A	Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6A	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6A	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6B	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6B	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6B	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6B	Workstation	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6B	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.6B	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.7	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.7	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.7	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.7	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.7	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.7	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8A	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8A	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8A	Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8A	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8B	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8B	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8B	Workstation	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.8B	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.9	Office (Shared)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.10	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.10	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2

SUBJECT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.10	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.10	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
9.2 PATIENT CARE ADMINISTRATIVE SUPPORT	9.2.10	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
9.3 MEDICAL AFFAIRS	9.3.1	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.3 MEDICAL AFFAIRS	9.3.1	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.3 MEDICAL AFFAIRS	9.3.1	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
9.3 MEDICAL AFFAIRS	9.3.1	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.3 MEDICAL AFFAIRS	9.3.1	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.3 MEDICAL AFFAIRS	9.3.1	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.3 MEDICAL AFFAIRS	9.3.2A	Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.3 MEDICAL AFFAIRS	9.3.2A	Cubicle	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.3 MEDICAL AFFAIRS	9.3.2A	Cubicle	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.3 MEDICAL AFFAIRS	9.3.2A	Cubicle	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.3 MEDICAL AFFAIRS	9.3.2A	Cubicle	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.3 MEDICAL AFFAIRS	9.3.2B	Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.3 MEDICAL AFFAIRS	9.3.2B	Cubicle	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.3 MEDICAL AFFAIRS	9.3.2B	Cubicle	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.3 MEDICAL AFFAIRS	9.3.2B	Cubicle	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.3 MEDICAL AFFAIRS	9.3.2B	Cubicle	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.3 MEDICAL AFFAIRS	9.3.4	Kitchenette	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.3 MEDICAL AFFAIRS	9.3.4	Kitchenette	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
9.3 MEDICAL AFFAIRS	9.3.4	Kitchenette	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.3 MEDICAL AFFAIRS	9.3.4	Kitchenette	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
9.3 MEDICAL AFFAIRS	9.3.4	Kitchenette	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
9.3 MEDICAL AFFAIRS	9.3.4	Kitchenette	100195	1	REFRIGERATOR	FULL SIZE		New	Equip				\$900					\$900	C	B
9.5 BOOKING OFFICE	9.5.1	Workstation (Carrel)	100350	4	CAN	GARBAGE		New	Equip				\$12					\$48	C	B
9.5 BOOKING OFFICE	9.5.1	Workstation (Carrel)	100043	4	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$2,400	C	C
9.5 BOOKING OFFICE	9.5.1	Workstation (Carrel)	100128	4	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.5 BOOKING OFFICE	9.5.1	Workstation (Carrel)	100888	4	TELEPHONE			New	Equip				\$500					\$2,000	A	A
9.5 BOOKING OFFICE	9.5.1	Workstation (Carrel)	100198	4	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$7,000	C	D2
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.1	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.2	Office/Cubicle	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.2	Office/Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.2	Office/Cubicle	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.2	Office/Cubicle	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.2	Office/Cubicle	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.2	Office/Cubicle	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.3	General Work Area	100200	10	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$8,000	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.6 HEALTH RECORDS	9.6.3	General Work Area	100350	10	CAN	GARBAGE		New	Equip				\$12					\$120	C	B
9.6 HEALTH RECORDS	9.6.3	General Work Area	100043	10	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$6,000	C	C
9.6 HEALTH RECORDS	9.6.3	General Work Area	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100128	5	COMPUTER	PC	WIMONITOR	New	Equip				\$0					\$0	A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100131T	1	FAX	CANON		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100131T	1	FAX	CANON		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
9.6 HEALTH RECORDS	9.6.3	General Work Area	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
9.6 HEALTH RECORDS	9.6.3	General Work Area	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
9.6 HEALTH RECORDS	9.6.3	General Work Area	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
9.6 HEALTH RECORDS	9.6.3	General Work Area	100544T	1	PAMPHLET	HOLDER	ASSORTED SIZES	Tran	Equip										C	C
9.6 HEALTH RECORDS	9.6.3	General Work Area	100724T	1	PHOTOCOPIER	MFP		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100888	10	TELEPHONE			New	Equip				\$500					\$5,000	A	A
9.6 HEALTH RECORDS	9.6.3	General Work Area	100198	9	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$15,750	C	D2
9.6 HEALTH RECORDS	9.6.4A	Workstation (Carrel)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.4A	Workstation (Carrel)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.4A	Workstation (Carrel)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.4A	Workstation (Carrel)	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.4A	Workstation (Carrel)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.4A	Workstation (Carrel)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.4B	Workstation (Carrel)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.4B	Workstation (Carrel)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.4B	Workstation (Carrel)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.4B	Workstation (Carrel)	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.4B	Workstation (Carrel)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.4B	Workstation (Carrel)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.4C	Workstation (Carrel)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.4C	Workstation (Carrel)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.4C	Workstation (Carrel)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.4C	Workstation (Carrel)	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.4C	Workstation (Carrel)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.4C	Workstation (Carrel)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.4D	Workstation (Carrel)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.4D	Workstation (Carrel)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.4D	Workstation (Carrel)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.4D	Workstation (Carrel)	100128T	1	COMPUTER	PC	WIMONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.4D	Workstation (Carrel)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.6 HEALTH RECORDS	9.6.4D	Workstation (Carrel)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.4E	Workstation (Carrel)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.4E	Workstation (Carrel)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.4E	Workstation (Carrel)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.4E	Workstation (Carrel)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.4E	Workstation (Carrel)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.4E	Workstation (Carrel)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.4F	Workstation (Carrel)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.4F	Workstation (Carrel)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.4F	Workstation (Carrel)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.4F	Workstation (Carrel)	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.6 HEALTH RECORDS	9.6.4F	Workstation (Carrel)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.4F	Workstation (Carrel)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.6 HEALTH RECORDS	9.6.5	Physician Office/Records Room	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.6 HEALTH RECORDS	9.6.6	Archive Record Storage	100959	1	SHELVING	HIGH DENSITY		New	Equip				\$112,000					\$112,000	C	D2
9.9 INFORMATION/COMPUTER SERVICES	9.8.1A	Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.9 INFORMATION/COMPUTER SERVICES	9.8.1A	Cubicle	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.9 INFORMATION/COMPUTER SERVICES	9.8.1A	Cubicle	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.9 INFORMATION/COMPUTER SERVICES	9.8.1A	Cubicle	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.9 INFORMATION/COMPUTER SERVICES	9.8.1A	Cubicle	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.9 INFORMATION/COMPUTER SERVICES	9.8.1B	Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.9 INFORMATION/COMPUTER SERVICES	9.8.1B	Cubicle	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.9 INFORMATION/COMPUTER SERVICES	9.8.1B	Cubicle	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
9.9 INFORMATION/COMPUTER SERVICES	9.8.1B	Cubicle	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.9 INFORMATION/COMPUTER SERVICES	9.8.1B	Cubicle	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
9.9 INFORMATION/COMPUTER SERVICES	9.8.2	Benchspace and Storage	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.9 INFORMATION/COMPUTER SERVICES	9.8.2	Benchspace and Storage	100541T	1	TABLE	WORK	OT	Tran	Equip										C	C
9.9 INFORMATION/COMPUTER SERVICES	9.8.3	Server Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.9 INFORMATION/COMPUTER SERVICES	9.8.3	Server Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.9 INFORMATION/COMPUTER SERVICES	9.8.3	Server Room	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.9 INFORMATION/COMPUTER SERVICES	9.8.3	Server Room	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
9.9 INFORMATION/COMPUTER SERVICES	9.8.3	Server Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.9 VOLUNTEERS	9.9.1	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
9.9 VOLUNTEERS	9.9.1	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.9 VOLUNTEERS	9.9.1	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
9.9 VOLUNTEERS	9.9.1	Office	100128T	1	COMPUTER	PC	W/MONITOR	Tran	Equip										A	A
9.9 VOLUNTEERS	9.9.1	Office	100291	1	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$750	C	C
9.9 VOLUNTEERS	9.9.1	Office	100203T	1	PRINTER	LEXMARK		Tran	Equip										A	A
9.9 VOLUNTEERS	9.9.1	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.9 VOLUNTEERS	9.9.2	Volunteer Lounge	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.9 VOLUNTEERS	9.9.2	Volunteer Lounge	100199	4	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$800	C	C
9.9 VOLUNTEERS	9.9.2	Volunteer Lounge	100291	4	DESK	PEDESTAL	60 X 30	New	Furn				\$750					\$3,000	C	C
9.9 VOLUNTEERS	9.9.2	Volunteer Lounge	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.1	Conference Room	100811	1	BOARD	WHITE	36 x 60	New	Equip				\$120					\$120	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.1	Conference Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.1	Conference Room	100417	10	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,600	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.1	Conference Room	100768	1	TABLE	MEETING	84 X 48	New	Furn				\$1,500					\$1,500	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.1	Conference Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.10 OTHER STAFF SUPPORT SPACE	9.10.2	Conference/Classroom	100527	1	BOARD	WHITE	96 x 48"H	New	Equip				\$120					\$120	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.2	Conference/Classroom	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.2	Conference/Classroom	100199	30	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$6,000	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.2	Conference/Classroom	100764	6	TABLE	WORK/MEETING	MODULAR	New	Furn				\$600					\$3,600	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.2	Conference/Classroom	101017	1	TELECONFERENCING EQUIPMENT			New	Equip										C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.2	Conference/Classroom	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
9.10 OTHER STAFF SUPPORT SPACE	9.10.8	Entry Vestibule	101007	1	RACK	BOOT		New	Equip				\$60					\$60	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.8	Entry Vestibule	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.9	Changing Cubicle	100745	3	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$870	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.9	Changing Cubicle	100746	3	TRACK	CURTAIN		New	Equip				\$100					\$300	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.10	Lockers	100437	7	BENCH			New	Equip				\$400					\$2,800	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.10	Lockers	100240	3	CAN	GARBAGE	LARGE	New	Equip				\$24					\$72	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.10	Lockers	100801	140	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$28,000	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.13	Handwashing Sink	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.13	Handwashing Sink	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.13	Handwashing Sink	100348	3	DISPENSER	SOAP		New	Equip				\$20					\$60	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.14	Toilet Stall (Standard)	100349	3	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$60	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.14	Toilet Stall (Standard)	100986	3	DISPOSAL	SANITORY		New	Equip				\$35					\$105	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
9.10 OTHER STAFF SUPPORT SPACE	9.10.18	Entry Vestibule	101007	1	RACK	BOOT		New	Equip				\$60					\$60	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.18	Entry Vestibule	100589	1	RACK	COAT	MOBILE	New	Furn				\$600					\$600	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.19	Changing Cubicle	100745	1	CURTAINS	CUBICLE	WEIGHTED	New	Equip				\$290					\$290	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.19	Changing Cubicle	100746	1	TRACK	CURTAIN		New	Equip				\$100					\$100	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.20	Lockers	100437	2	BENCH			New	Equip				\$400					\$800	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.20	Lockers	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.20	Lockers	100801	50	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$10,000	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.23	Handwashing Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.23	Handwashing Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.23	Handwashing Sink	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.25	Toilet Stall (Special)	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.28	Physician Bedroom	100797	1	BED	SINGLE	LONG	New	Equip				\$750					\$750	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.28	Physician Bedroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.28	Physician Bedroom	100199	1	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$200	C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.28	Physician Bedroom	100226T	1	TABLE	BEDSIDE	1 DWR, 1 CPBD / 3 DRAWER	Tran	Equip										C	C
9.10 OTHER STAFF SUPPORT SPACE	9.10.29	Physician Washroom/Shower	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.29	Physician Washroom/Shower	100353	1	DISPENSER	GLOVE BOX	TRIPLE	New	Equip				\$60					\$60	C	B
9.10 OTHER STAFF SUPPORT SPACE	9.10.29	Physician Washroom/Shower	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
9.10 OTHER STAFF SUPPORT SPACE	9.10.29	Physician Washroom/Shower	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.1 SUPPLY RECEIVING AND STAGING	10.1.2	Office/Mail Room	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.3	Biomedical Engineering Satellite	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.3	Biomedical Engineering Satellite	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.1 SUPPLY RECEIVING AND STAGING	10.1.3	Biomedical Engineering Satellite	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.1 SUPPLY RECEIVING AND STAGING	10.1.3	Biomedical Engineering Satellite	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.1 SUPPLY RECEIVING AND STAGING	10.1.3	Biomedical Engineering Satellite	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.6	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.1 SUPPLY RECEIVING AND STAGING	10.1.6	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.6	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.1 SUPPLY RECEIVING AND STAGING	10.1.6	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.1 SUPPLY RECEIVING AND STAGING	10.1.6	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.1 SUPPLY RECEIVING AND STAGING	10.1.6	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.10	Hand Hygiene Sink	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.10	Hand Hygiene Sink	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.10	Hand Hygiene Sink	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.12	Male Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.12	Male Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.12	Male Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.12	Male Staff Washroom	100349	2	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$40	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.12	Male Staff Washroom	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.12	Male Staff Washroom	100180	1	HAND SANITIZER	WATERLESS		New	Equip				\$20					\$20	C	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.13	Female Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
10.1 SUPPLY RECEIVING AND STAGING	10.1.13	Female Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	E	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.13	Female Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	E	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.13	Female Staff Washroom	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	E	D2
10.1 SUPPLY RECEIVING AND STAGING	10.1.13	Female Staff Washroom	100986	2	DISPOSAL	SANITORY		New	Equip				\$35					\$70	C	D2
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.2 HOUSEKEEPING	10.2.1	Office/Cubicle	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.1	Office/Administrative Area	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.3 FACILITY MAINTENANCE AND OPERATIONS	10.3.6	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100417	1	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$260	C	C
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.4 PROPERTY AND PROGRAM SERVICES	10.4.1	Office (PPS Facility Manager)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.4 PROPERTY AND PROGRAM SERVICES	10.4.2	Clerical Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.4 PROPERTY AND PROGRAM SERVICES	10.4.2	Clerical Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.4 PROPERTY AND PROGRAM SERVICES	10.4.2	Clerical Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.4 PROPERTY AND PROGRAM SERVICES	10.4.2	Clerical Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.4 PROPERTY AND PROGRAM SERVICES	10.4.2	Clerical Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.4 PROPERTY AND PROGRAM SERVICES	10.4.2	Clerical Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.5 FOOD SERVICE	10.5.1	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.5 FOOD SERVICE	10.5.1	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.5 FOOD SERVICE	10.5.1	Office	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
10.5 FOOD SERVICE	10.5.1	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.5 FOOD SERVICE	10.5.1	Office	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.5 FOOD SERVICE	10.5.1	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
10.5 FOOD SERVICE	10.5.1	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.5 FOOD SERVICE	10.5.1	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.5 FOOD SERVICE	10.5.2	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.5 FOOD SERVICE	10.5.2	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.5 FOOD SERVICE	10.5.2	Office	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
10.5 FOOD SERVICE	10.5.2	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.5 FOOD SERVICE	10.5.2	Office	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.5 FOOD SERVICE	10.5.2	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
10.5 FOOD SERVICE	10.5.2	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.5 FOOD SERVICE	10.5.2	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.5 FOOD SERVICE	10.5.3A	NFS Work Station	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.5 FOOD SERVICE	10.5.3A	NFS Work Station	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.5 FOOD SERVICE	10.5.3A	NFS Work Station	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.5 FOOD SERVICE	10.5.3A	NFS Work Station	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.5 FOOD SERVICE	10.5.3A	NFS Work Station	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.5 FOOD SERVICE	10.5.3A	NFS Work Station	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.5 FOOD SERVICE	10.5.3B	NFS Work Station	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.5 FOOD SERVICE	10.5.3B	NFS Work Station	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.5 FOOD SERVICE	10.5.3B	NFS Work Station	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.5 FOOD SERVICE	10.5.3B	NFS Work Station	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.5 FOOD SERVICE	10.5.3B	NFS Work Station	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.5 FOOD SERVICE	10.5.3B	NFS Work Station	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.20	Tech Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.20	Tech Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.20	Tech Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.20	Tech Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.20	Tech Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.20	Tech Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.21	Office (Standard)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100417	8	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$2,080	C	C
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.22	MDR Staff Lounge	100306	2	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$1,200	C	C
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.23	Staff Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.23	Staff Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.23	Staff Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.23	Staff Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.23	Staff Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.25	Housekeeping	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	E	B
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.25	Housekeeping	100952	1	CART	JANITOR		New	Equip				\$1,600					\$1,600	E	D2
10.6 MEDICAL DEVICE REPROCESSING (MDR)	10.6.25	Housekeeping	100322	1	SHELVING	METAL	HOUSEKEEPING	New	Equip				\$250					\$250	C	C
10.7 SHARED SERVICES FACILITY	10.7.1	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.1	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.1	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.1	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.1	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.2	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.7 SHARED SERVICES FACILITY	10.7.3A	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.3A	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
10.7 SHARED SERVICES FACILITY	10.7.3A	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.3A	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.3A	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.3A	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.7 SHARED SERVICES FACILITY	10.7.3B	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
10.7 SHARED SERVICES FACILITY	10.7.3B	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.3B	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.3B	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.3B	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.3B	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.7 SHARED SERVICES FACILITY	10.7.3C	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.3C	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
10.7 SHARED SERVICES FACILITY	10.7.3C	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.3C	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.3C	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.3C	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.7 SHARED SERVICES FACILITY	10.7.4	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	E	B
10.7 SHARED SERVICES FACILITY	10.7.4	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.4	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.4	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.4	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.4	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	E	D2
10.7 SHARED SERVICES FACILITY	10.7.5	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.5	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	E	B
10.7 SHARED SERVICES FACILITY	10.7.5	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.7 SHARED SERVICES FACILITY	10.7.5	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.5	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.5	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.8	Conference/Meeting Room	100811	2	BOARD	WHITE	36 x 60	New	Equip				\$120					\$240	C	C
10.7 SHARED SERVICES FACILITY	10.7.8	Conference/Meeting Room	100199	10	CHAIR	SIDE	W/O ARMS	New	Furn				\$200					\$2,000	C	C
10.7 SHARED SERVICES FACILITY	10.7.8	Conference/Meeting Room	100764	2	TABLE	WORK/MEETING	MODULAR	New	Furn				\$600					\$1,200	C	C
10.7 SHARED SERVICES FACILITY	10.7.9	Washroom	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.9	Washroom	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.7 SHARED SERVICES FACILITY	10.7.9	Washroom	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.7 SHARED SERVICES FACILITY	10.7.9	Washroom	100349	1	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$20	C	D2
10.7 SHARED SERVICES FACILITY	10.7.9	Washroom	100986	1	DISPOSAL	SANITORY		New	Equip				\$35					\$35	C	D2
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100240	1	CAN	GARBAGE	LARGE	New	Equip				\$24					\$24	C	B
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100417	20	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$5,200	C	C
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100272	1	COFFEE MAKER			New	Equip				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100216	1	MICROWAVE			New	Equip				\$400					\$400	C	B
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100218	1	REFRIGERATOR	UNDERCOUNTER		New	Equip				\$200					\$200	C	B
10.7 SHARED SERVICES FACILITY	10.7.10	Staff Lounge	100306	5	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$3,000	C	C
10.7 SHARED SERVICES FACILITY	10.7.11	Housekeeping Closet / Storage	100952	1	CART	JANITOR		New	Equip				\$1,600					\$1,600	C	D2
10.7 SHARED SERVICES FACILITY	10.7.11	Housekeeping Closet / Storage	100347	1	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$160	C	D2
10.7 SHARED SERVICES FACILITY	10.7.11	Housekeeping Closet / Storage	100348	1	DISPENSER	SOAP		New	Equip				\$20					\$20	C	D2
10.7 SHARED SERVICES FACILITY	10.7.12	Mail Room	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.12	Mail Room	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.12	Mail Room	100129	1	PEDESTAL	MOBILE	FILE/FILE	New	Furn				\$500					\$500	C	B
10.7 SHARED SERVICES FACILITY	10.7.12	Mail Room	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.13	Lockers	100437	1	BENCH			New	Equip				\$400					\$400	C	C
10.7 SHARED SERVICES FACILITY	10.7.13	Lockers	100801	10	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$2,000	C	C
10.7 SHARED SERVICES FACILITY	10.7.16	Handwashing Sink	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
10.7 SHARED SERVICES FACILITY	10.7.16	Handwashing Sink	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
10.7 SHARED SERVICES FACILITY	10.7.16	Handwashing Sink	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
10.7 SHARED SERVICES FACILITY	10.7.17	Toilet Stall	100349	3	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$60	C	D2
10.7 SHARED SERVICES FACILITY	10.7.17	Toilet Stall	100986	3	DISPOSAL	SANITORY		New	Equip				\$35					\$105	C	D2
10.7 SHARED SERVICES FACILITY	10.7.19	Lockers	100437	1	BENCH			New	Equip				\$400					\$400	C	C
10.7 SHARED SERVICES FACILITY	10.7.19	Lockers	100801	10	LOCKER	FULL SIZE	W/BASE & SLOPING TOP	New	Equip				\$200					\$2,000	C	C
10.7 SHARED SERVICES FACILITY	10.7.22	Handwashing Sink	100350	2	CAN	GARBAGE		New	Equip				\$12					\$24	C	B
10.7 SHARED SERVICES FACILITY	10.7.22	Handwashing Sink	100347	2	DISPENSER	PAPER TOWEL	HANDS FREE	New	Equip				\$160					\$320	C	D2
10.7 SHARED SERVICES FACILITY	10.7.22	Handwashing Sink	100348	2	DISPENSER	SOAP		New	Equip				\$20					\$40	C	D2
10.7 SHARED SERVICES FACILITY	10.7.23	Toilet Stall	100349	3	DISPENSER	TOILET TISSUE		New	Equip				\$20					\$60	C	D2
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.25	Office	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.36A	Shared Workstations	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.36A	Shared Workstations	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.36A	Shared Workstations	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.36A	Shared Workstations	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.36A	Shared Workstations	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.36A	Shared Workstations	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.36B	Shared Workstations	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.36B	Shared Workstations	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.36B	Shared Workstations	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.36B	Shared Workstations	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.36B	Shared Workstations	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.36B	Shared Workstations	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.37	Shared Workstations	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.37	Shared Workstations	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.37	Shared Workstations	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.37	Shared Workstations	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.37	Shared Workstations	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.37	Shared Workstations	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.38A	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.38A	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.38A	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.38A	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.38A	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.38A	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.38B	Workstation	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.38B	Workstation	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.38B	Workstation	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.38B	Workstation	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.38B	Workstation	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.38B	Workstation	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.39	Warehouse Storage	100571	160	SHELVING	STORAGE		New	Equip				\$600					\$96,000	C	C
10.7 SHARED SERVICES FACILITY	10.7.45	Workstation (5)	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.45	Workstation (5)	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.45	Workstation (5)	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.45	Workstation (5)	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.45	Workstation (5)	100888	1	TELEPHONE			New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.45	Workstation (5)	100198	1	WORKSTATION		SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100200	1	CABINET	FILE LATERAL	4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100350	1	CAN	GARBAGE		New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100417	2	CHAIR	SIDE	W/ARMS	New	Furn				\$260					\$520	C	C
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100043	1	CHAIR	TASK	WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100128	1	COMPUTER	PC	W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100306	1	TABLE	MEETING	36" DIAMETER	New	Furn				\$600					\$600	C	C

SUBDEPT DESC	ROOM #	ROOMDESC	Item ID	QTY	#NAME?	NAME	DESC2	NEW / TRANS	EQUIP / FURN	DATE PURCH.	EVER-GREEN REPLACE	REPLACE COST	UNIT PRICE	2015 COST EVER GREEN	2016 COST EVER GREEN	2017 COST EVER GREEN	2018 COST EVER GREEN	CAPITAL BUDGET	V3.0 CATEGORY	V4.0 CATEGORY
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.49	Office	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
10.7 SHARED SERVICES FACILITY	10.7.50	Workstations (4)	100200	4		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$3,200	C	B
10.7 SHARED SERVICES FACILITY	10.7.50	Workstations (4)	100350	4		CAN	GARBAGE	New	Equip				\$12					\$48	C	B
10.7 SHARED SERVICES FACILITY	10.7.50	Workstations (4)	100043	4		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$2,400	C	C
10.7 SHARED SERVICES FACILITY	10.7.50	Workstations (4)	100128	4		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.50	Workstations (4)	100888	4		TELEPHONE		New	Equip				\$500					\$2,000	A	A
10.7 SHARED SERVICES FACILITY	10.7.50	Workstations (4)	100198	4		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$7,000	C	D2
10.7 SHARED SERVICES FACILITY	10.7.55	Conference Room	100811	1		BOARD	WHITE 36 x 60	New	Equip				\$120					\$120	C	C
10.7 SHARED SERVICES FACILITY	10.7.55	Conference Room	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.55	Conference Room	100417	10		CHAIR	SIDE W/ARMS	New	Furn				\$260					\$2,600	C	C
10.7 SHARED SERVICES FACILITY	10.7.55	Conference Room	100764	2		TABLE	WORK/MEETING MODULAR	New	Furn				\$600					\$1,200	C	C
10.7 SHARED SERVICES FACILITY	10.7.57	Workstation	100200	1		CABINET	FILE LATERAL 4 DRAWER	New	Furn				\$800					\$800	C	B
10.7 SHARED SERVICES FACILITY	10.7.57	Workstation	100350	1		CAN	GARBAGE	New	Equip				\$12					\$12	C	B
10.7 SHARED SERVICES FACILITY	10.7.57	Workstation	100043	1		CHAIR	TASK WITH ARMS	New	Furn				\$600					\$600	C	C
10.7 SHARED SERVICES FACILITY	10.7.57	Workstation	100128	1		COMPUTER	PC W/MONITOR	New	Equip				\$0					\$0	A	A
10.7 SHARED SERVICES FACILITY	10.7.57	Workstation	100888	1		TELEPHONE		New	Equip				\$500					\$500	A	A
10.7 SHARED SERVICES FACILITY	10.7.57	Workstation	100198	1		WORKSTATION	SYSTEM/MILLW ORK TBD	New	Furn				\$1,750					\$1,750	C	D2
														\$8,183,643	\$768,700	\$202,200	\$633,700	\$10,113,057		

Appendix II : EQUIPMENT PROCUREMENT ACTIVITIES & TIMELINES

PKGS	DESCRIPTION	# OF ITEM	SPECS & TERMS PREP'N					USER GROUP MEETING					REVIEW & AMENDMENT						
			DAYS	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE					
01	Medical/Surgical Equip.	21	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
01X	Medical/Surgical Equip. (Fixed)	7	30	Mo	April 25, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
02	Furniture/Furnishings	49	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
02X	Furniture/Furnishings (Fixed)	5	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
03	Electromedical Equip.	4	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
04	Rehabilitation Equip.	1	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
04X	Rehabilitation Equip. (Fixed)	2	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
05	Respiratory/Anesthesia	1	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
06	Laboratory Equip	4	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
06X	Laboratory Equip (Fixed)	5	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
07	Shelving/Carts	9	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
07X	Shelving/Carts (Fixed)	2	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
08X	Diagnostic Imaging (Fixed)	1	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
09	Shop Tools/Mat'L Handling	4	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
09X	Shop Tools/Mat'L Handling (Fixed)	1	20	Fr	July 7, 2017	Fr	August 4, 2017	5	Mo	August 7, 2017	Mo	August 14, 2017	20	Tu	August 15, 2017	Tu	September 12, 2017	10	We
10	Domestic Equip.	5	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
10X	Domestic Equip. (Fixed)	5	20	Fr	July 7, 2017	Fr	August 4, 2017	5	Mo	August 7, 2017	Mo	August 14, 2017	20	Tu	August 15, 2017	Tu	September 12, 2017	10	We
11	Patient Rm. Furniture	6	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
12	Educational/Audiovisual	4	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
12X	Educational/Audiovisual (Fixed)	4	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
14	Office Machines	2	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
14X	Office Machines (Fixed)	2	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
15X	Sterilization Equip. (Fixed)	3	20	Mo	May 9, 2016	Mo	June 6, 2016	5	Tu	June 7, 2016	Tu	June 14, 2016	20	We	June 15, 2016	We	July 13, 2016	10	Th
18X	Pharmacy Equip. (Fixed)	1	20	Fr	October 27, 2017	Fr	November 24, 2017	5	Mo	November 27, 2017	Mo	December 4, 2017	20	Tu	December 5, 2017	Tu	January 2, 2018	10	We
19	Housekeeping Equip.	9	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
19X	Housekeeping Equip. (Fixed)	7	20	Fr	October 27, 2017	Fr	November 24, 2017	5	Mo	November 27, 2017	Mo	December 4, 2017	20	Tu	December 5, 2017	Tu	January 2, 2018	10	We
20	Miscellaneous	4	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
21	Scopes	1	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu
28	Computers	2	20	Th	November 9, 2017	Th	December 7, 2017	5	Fr	December 8, 2017	Fr	December 15, 2017	20	Mo	December 18, 2017	Mo	January 15, 2018	10	Tu

Appendix II : EQUIPMENT PROCUREMENT ACTIVITIES & TIMELINES

PKGS	ANALYSES			APPROVAL/PO*				SHOP DRAWINGS				DESIGN INTERACTION				DAYS				
	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE	DAYS	START DATE	FINISH DATE	DAYS					
01	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
01X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	15	We	November 16, 2016	We	December 7, 2016	530	Th
02	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
02X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	10	We	November 16, 2016	We	November 30, 2016	579	Th
03	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
04	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
04X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	10	We	November 16, 2016	We	November 30, 2016	579	Th
05	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
06	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
06X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	10	We	November 16, 2016	We	November 30, 2016	579	Th
07	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
07X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	15	We	November 16, 2016	We	December 7, 2016	572	Th
08X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	15	We	November 16, 2016	We	December 7, 2016	572	Th
09	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
09X	November 9, 2017	Th	December 7, 2017	15	Fr	December 8, 2017	Fr	December 29, 2017	10	Mo	January 1, 2018	Mo	January 15, 2018	10	Tu	January 16, 2018	Tu	January 30, 2018	153	We
10	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
10X	November 9, 2017	Th	December 7, 2017	15	Fr	December 8, 2017	Fr	December 29, 2017	10	Mo	January 1, 2018	Mo	January 15, 2018	10	Tu	January 16, 2018	Tu	January 30, 2018	153	We
11	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
12	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
12X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	10	We	November 16, 2016	We	November 30, 2016	579	Th
14	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
14X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	10	We	November 16, 2016	We	November 30, 2016	579	Th
15X	September 9, 2016	Fr	October 7, 2016	15	Mo	October 10, 2016	Mo	October 31, 2016	10	Tu	November 1, 2016	Tu	November 15, 2016	10	We	November 16, 2016	We	November 30, 2016	579	Th
18X	March 1, 2018	Th	March 29, 2018	15	Fr	March 30, 2018	Fr	April 20, 2018	10	Mo	April 23, 2018	Mo	May 7, 2018	10	Tu	May 8, 2018	Tu	May 22, 2018	41	We
19	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
19X	March 1, 2018	Th	March 29, 2018	15	Fr	March 30, 2018	Fr	April 20, 2018	10	Mo	April 23, 2018	Mo	May 7, 2018	10	Tu	May 8, 2018	Tu	May 22, 2018	41	We
20	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
21	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		
28	March 14, 2018	We	April 11, 2018	15	Th	April 12, 2018	Th	May 3, 2018									60	Fr		

APPENDIX 2E
INITIAL PROJECT SCHEDULE

See attached.

ID	Task Name	Duration	Start	Finish	2015												2016												2017												2018												2019											
					M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
0	STANTON TERRITORIAL HOSPITAL RENEWAL PROJECT	978 days	Wed 4/15/15	Fri 1/11/19																																																												
1	KEY MILESTONES	948 days	Wed 4/15/15	Fri 11/30/18																																																												
2	Initial Technical Submission	0 days	Wed 4/15/15	Wed 4/15/15																																																												
3	Final Technical Submission	0 days	Fri 6/5/15	Fri 6/5/15																																																												
4	Financial Submission	0 days	Fri 6/5/15	Fri 6/5/15																																																												
5	Preferred Proponent Selection	0 days	Fri 8/21/15	Fri 8/21/15																																																												
6	Financial Close	0 days	Fri 9/25/15	Fri 9/25/15																																																												
7	Effective Date	0 days	Fri 9/25/15	Fri 9/25/15																																																												
8	Access to Site	0 days	Mon 9/28/15	Mon 9/28/15																																																												
9	Substantial Completion	0 days	Fri 11/30/18	Fri 11/30/18																																																												
10	Commissioning Completion	0 days	Tue 10/23/18	Tue 10/23/18																																																												
11	Service Commencement	0 days	Fri 11/30/18	Fri 11/30/18																																																												
12	WORK PLAN DEVELOPMENT	737 days	Fri 9/25/15	Mon 7/23/18																																																												
13	Quality Management Plan	20 days	Fri 9/25/15	Thu 10/22/15																																																												
14	Fire Safety Plan	10 days	Fri 9/25/15	Thu 10/8/15																																																												
15	Health & Safety Plan	20 days	Fri 9/25/15	Thu 10/22/15																																																												
16	Environmental Management Plan	20 days	Fri 9/25/15	Thu 10/22/15																																																												
17	Equipment Procurement Plan & Schedule	40 days	Fri 9/25/15	Thu 11/19/15																																																												
18	Infection Control Risk Assessment	15 days	Fri 9/25/15	Thu 10/15/15																																																												
19	Infection Prevention and Control Plan	15 days	Fri 10/16/15	Thu 11/5/15																																																												
20	Service Tie-in Plan/Phasing	15 days	Mon 11/9/15	Fri 11/27/15																																																												
21	Demolition Plan	20 days	Mon 10/26/15	Fri 11/20/15																																																												
22	Commissioning Plan	100 days	Mon 12/5/16	Fri 4/21/17																																																												
23	Turnover Plan	60 days	Tue 5/1/18	Mon 7/23/18																																																												
24	Other Plans	100 days	Fri 9/25/15	Thu 2/11/16																																																												
25	DESIGN DEVELOPMENT	275 days	Tue 9/1/15	Mon 9/19/16																																																												
26	User Consultation and Design Review	275 days	Tue 9/1/15	Mon 9/19/16																																																												
27	User Group Kick off Meeting	0 days	Wed 9/9/15	Wed 9/9/15																																																												
28	Schematic Design Submittal	61 days	Fri 9/18/15	Fri 12/11/15																																																												

STHRP PROJECT SCHEDULE

ID	Task Name	Duration	Start	Finish	2015				2016				2017				2018				2019																			
					M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
116	City Review	15 days	Mon 10/19/15	Fri 11/6/15																																				
117	Permit Issued	0 days	Fri 11/6/15	Fri 11/6/15																																				
118	Building Permit Phase 2 - Building Super Structure	15 days	Fri 11/20/15	Fri 12/11/15																																				
119	Permit Application	0 days	Fri 11/20/15	Fri 11/20/15																																				
120	City Review	15 days	Mon 11/23/15	Fri 12/11/15																																				
121	Permit Issued	0 days	Fri 12/11/15	Fri 12/11/15																																				
122	Building Permit Phase 3 Balance of Full Permit	15 days	Mon 4/18/16	Mon 5/9/16																																				
123	Permit Application	0 days	Mon 4/18/16	Mon 4/18/16																																				
124	City Review	15 days	Tue 4/19/16	Mon 5/9/16																																				
125	Permit Issued	0 days	Mon 5/9/16	Mon 5/9/16																																				
126	PROCUREMENT / EQUIPMENT	714 days	Mon 9/7/15	Thu 5/31/18																																				
127	Civil Works	50 days	Fri 9/25/15	Thu 12/3/15																																				
128	Tender Packages / Release	20 days	Fri 9/25/15	Thu 10/22/15																																				
129	Award	10 days	Fri 10/23/15	Thu 11/5/15																																				
130	Shop Drawings / Acceptance	20 days	Fri 11/6/15	Thu 12/3/15																																				
131	Delivery / Early Start	0 days	Thu 12/3/15	Thu 12/3/15																																				
132	Structural Works	153 days	Mon 9/7/15	Wed 4/6/16																																				
133	Tender Period	10 days	Mon 9/7/15	Fri 9/18/15																																				
134	Award	5 days	Mon 9/21/15	Fri 9/25/15																																				
135	Structural Steel Shop Drawings - Submittal & Approval	65 days	Mon 9/28/15	Fri 12/25/15																																				
136	Steel Fabrication	120 days	Thu 10/22/15	Wed 4/6/16																																				
137	Architectural Works (Various)	140 days	Mon 4/18/16	Fri 10/28/16																																				
138	Tender Packages / Release	100 days	Mon 4/18/16	Fri 9/2/16																																				
139	Award	100 days	Mon 5/16/16	Fri 9/30/16																																				
140	Shop Drawings / Acceptance	100 days	Mon 6/13/16	Fri 10/28/16																																				
141	Delivery / Early Start	0 days	Mon 6/13/16	Mon 6/13/16																																				
142	Mechanical Works & Equipment	160 days	Tue 7/26/16	Mon 3/6/17																																				
143	Tender Packages / Release	20 days	Tue 7/26/16	Mon 8/22/16																																				
144	Award	20 days	Tue 8/23/16	Mon 9/19/16																																				

STHRP PROJECT SCHEDULE



APPENDIX 2F
PROPOSAL EXTRACTS (DESIGN AND CONSTRUCTION)

None.

APPENDIX 2G

NOT USED

SCHEDULE 3

DESIGN AND CONSTRUCTION SPECIFICATIONS

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- APPENDIX 3G GROSS FLOOR AREAS**

SCHEDULE 3

DESIGN AND CONSTRUCTION SPECIFICATIONS

1. INTERPRETATION

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 [Definitions and Interpretation] of this Agreement:

“Authority Supplied End-Use Equipment” has the meaning set out in Section 7.7(i)(1)(A) of this Schedule;

“BMS” has the meaning set out in Section 7.5(a)(1)(B) of this Schedule;

“Category A ICT Equipment” has the meaning set out in Section 7.7(c)(4)(A) of this Schedule;

“Category B ICT Equipment” has the meaning set out in Section 7.7(c)(4)(B) of this Schedule;

“Category C ICT Equipment” has the meaning set out in Section 7.7(c)(4)(C) of this Schedule;

“Category D ICT Equipment” has the meaning set out in Section 7.7(c)(4)(D) of this Schedule;

“Category E ICT Equipment” has the meaning set out in Section 7.7(c)(4)(E) of this Schedule;

“Clinical Specifications” has the meaning set out in Section 2.3(a) of this Schedule;

“dBA” is a weighted sound pressure level within a space adjusted based on human hearing systems (e.g. less sensitive to low frequencies);

“Elevated Flooring” has the meaning set out in Section 6.10(b)(11)(A) of this Schedule;

“End User Administration” has the meaning set out in Section 7.7(c)(1)(A) of this Schedule;

“Evidence Based Design” has the meaning set out in Section 3.2 of this Schedule;

“ICT Systems and Equipment” has the meaning set out in Section 7.7(c)(2) of this Schedule;

“Indicative Design” has the meaning set out in Section 2.5(a) of this Schedule;

“Infrastructure” has the meaning set out in Section 7.7(c)(1)(B) of this Schedule;

“Integrate/Integrated/Integration” has the meaning set out in Section 7.7(c)(1)(C) of this Schedule;

“Interface” has the meaning set out in Section 7.7(c)(1)(D) of this Schedule;

“LEAN” means to a structured way of continuously exposing and solving problems to eliminate waste in systems that deliver value to customers;

“Master Site Plan” has the meaning set out in Section 4.1(a) of this Schedule;

“NBC” means the National Building Code of Canada;

“Patient Centred Care” has the meaning set out in Section 3.7(a)(2) of this Schedule;

“Project Co’s End-Use Equipment” has the meaning set out in Section 7.7(i)(1)(A) of this Schedule;

“Project Design Principles” has the meaning set out in Section 3.1(a) of this Schedule;

“Rehabilitation Services” has the meaning set out in Section 2.2(c) of this Schedule;

“Server” has the meaning set out in Section 7.7(c)(1)(E) of this Schedule;

“Service Level” has the meaning set out in Section 7.7(c)(1)(F) of this Schedule;

“Software” has the meaning set out in Section 7.7(c)(1)(G) of this Schedule;

“Support Services Building” has the meaning set out in Section 2.2(b) of this Schedule;

“System Lifecycle” has the meaning set out in Section 7.7(c)(1)(H) of this Schedule;

“Transcription Services” has the meaning set out in Section 2.2(d) of this Schedule; and

“Unallocated/Unassigned Space” means space in the Facility, in addition to the required shelled space, which is not defined for usage according to the functional program.

1.2 Interpretation

- (a) This Schedule is written as an output specification and defines what Project Co must achieve in the Design and Construction. Except as expressly stated otherwise, Project Co will carry out the Design and Construction as required and contemplated by each provision of this Schedule and its Appendices whether or not the provision is written as an obligation of Project Co or is stated in the imperative form.
- (b) Unless specifically noted otherwise, this Schedule 3 [Design and Construction Specifications], and all respective Appendices, refer only to the Design and Construction of brand new elements of the Facility, as required by the Design of Project Co, and the lifecycle requirements as described in Schedule 20 [Handback Requirements].
- (c) Where “cost effective”, “appropriate”, “sufficient”, “minimize” and related and similar terms are used, they are to be construed and interpreted in terms of whether they are cost effective, appropriate, sufficient, minimizing, etc. from the perspective of a prudent public owner of a major public hospital facility who balances capital costs against maintenance, operations, clinical efficiency and other non-capital costs over the life of the Facility.
- (d) Unless expressly stated otherwise, each reference to a standard in this document will be deemed to mean the latest version of that standard as of the Financial Submission Date.

1.3 Acronym List

- (a) AAS – Aluminum Association Standards
- (b) AAMA – American Architectural Manufacturers Association
- (c) ACI – American Concrete Institute
- (d) ADA – American Disabilities Act

- (e) ADL – Activities of Daily Living
- (f) AFDDR – Automated Fault Detection, Diagnosis and Reporting
- (g) ANSI - American National Standards Institute
- (h) ASHRAE - American Society of Heating, Refrigerating and Air-conditioning Engineers
- (i) ASME - American Society of Mechanical Engineers
- (j) ASPE - American Society of Plumbing Engineers
- (k) ASTM - American Society for Testing and Materials
- (l) AV – Audio Visual
- (m) AWCC – Association of Wall and Ceiling Contractors
- (n) AWMAC – Architectural Woodwork Manufacturers Association of Canada
- (o) AWPA – American Wood Preservers Association
- (p) AWWA – American Water Works Association
- (q) BICSI - Building Industry Consulting Services International
- (r) BMS - Building Management System
- (s) CaGBC – Canada Green Building Council
- (t) CCMC – Canadian Construction Materials Centre
- (u) CCT – Correlated Colour Temperature
- (v) CCTV – Closed Circuit Television
- (w) CEC – Canadian Electrical Code
- (x) CGA - Compressed Gas Association
- (y) CGSB – Canadian General Standards Board
- (z) CIS – Clinical Information Systems
- (aa) CISC – Canadian Institute of Steel Construction
- (bb) CMCA – Canadian Masonry Contractors Association
- (cc) CNLA – Canadian Nursery Landscape Association
- (dd) CPMA – Canadian Paint Manufacturers Association
- (ee) CPOE – Computerized Physician Order Entry
- (ff) CPTED - Crime Prevention Through Environmental Design

- (gg) CPU – Central Processing Unit
- (hh) CRI – Colour Rendering Index
- (ii) CSA - Canadian Standards Association
- (jj) CSDFMA – Canadian Steel Door and Frame Manufacturers Association
- (kk) CSSBI – Canadian Sheet Steel Building Institute
- (ll) CT – Computed Tomography
- (mm) DDC - Direct Digital Controls
- (nn) DHI – Door and Hardware Institute
- (oo) DCW – Domestic Cold Water
- (pp) DHW – Domestic Hot Water
- (qq) DISS - Diameter Index Safety System
- (rr) DSSS – Direct Sequence Spread Spectrum
- (ss) ED – Emergency Department
- (tt) EF – Entrance Facility Room
- (uu) EIA – Electronics Industry Alliance
- (vv) EMR – Electronic Medical Records
- (ww) EMT – Electric Metallic Tubing
- (xx) ePDU - Electronic Power Distribution Unit
- (yy) FACP – Fire Alarm Control Panel
- (zz) FGI – Facility Guidelines Institute
- (aaa) FPS – Frames Per Second
- (bbb) FSC – Forest Stewardship Council
- (ccc) GNWT – Government of the Northwest Territories
- (ddd) HD – High Definition
- (eee) HEPA - High Efficiency Particulate Air
- (fff) HIM – Health Information Management
- (ggg) HOA – Hand / Off / Auto
- (hhh) HP – Horsepower

- (iii) HVAC - Heating, Ventilating and Air-Conditioning
- (jjj) IAQ – Indoor Air Quality
- (kkk) ICT – Information and Communications Technology
- (III) ICU – Intensive Care Unit
- (mmm) ID - Identification
- (nnn) IEEE - Institute of Electrical and Electronic Engineers
- (ooo) IESNA – Illuminating Engineering Society of North America
- (ppp) IGMAC – Insulating Glass Manufacturers Association of Canada
- (qqq) IP – Internet Protocol
- (rrr) IPCC – Intergovernmental Panel on Climate Change
- (sss) IRC – Institute for Research in Construction
- (ttt) IT – Information Technology
- (uuu) KW – Kilowatt
- (vvv) KWH – Kilowatt hours
- (www) KVA – Kilovolt Ampere
- (xxx) LAN – Local Area Network
- (yyy) LCD – Liquid Crystal Display
- (zzz) LDRP – Labour Delivery Recovery and Post-Partum
- (aaaa) LED – Light Emitting Diode
- (bbbb) LEED – Leadership in Energy and Environmental Design
- (cccc) MAW – Maintenance / Administration Workstation
- (dddd) Mb – Megabit
- (eeee) MCP – Motor Circuit Protector
- (ffff) MDR – Medical Device Reprocessing
- (gggg) MAR – Medication Administration Records
- (hhhh) MH – Mental Health
- (iiii) MMCD – Master Municipal Construction Document
- (jjjj) MPI – Master Painters Institute

- (kkkk) NBC – National Building Code of Canada
- (llll) NCRP – National Council on Radiation Protection and Measurement
- (mmmm) NEC – National Energy Code of Canada
- (nnnn) NEMA - National Electrical Standards Association
- (oooo) NETA – InterNational Electrical Testing Association
- (pppp) NFC – National Fire Code of Canada
- (qqqq) NFPA - National Fire Protection Association
- (rrrr) NLGA – National Lumber Grades Authority
- (ssss) NPC – National Plumbing Code of Canada
- (tttt) NRC – National Research Council
- (uuuu) OEL – Occupational Exposure Limit
- (vvvv) OFDM – Orthogonal Frequency Division Multiplexing
- (wwww) OS&Y - Open Stem and Yoke
- (xxxx) PC – Personal Computer
- (yyyy) PDA – Personal Digital Assistant
- (zzzz) PDU - Power Distribution Unit
- (aaaa) PIA – Privacy Impact Assessment
- (bbbb) PTZ – Pan Tilt Zoom
- (ccccc) PVC – Polyvinyl Chloride
- (dddd) RF – Radio Frequency
- (eeee) RFID – Radio Frequency Identification
- (ffff) RCDD – Registered Communications Distribution Designer
- (ggggg) RSIC – Reinforcing Steel Institute of Canada
- (hhhhh) RTLS – Real Time Location System
- (iiii) SCAQMD – South Coast Air Quality Management District
- (jjjj) SMACNA – Sheet Metal and Air Conditioning Contractors National Association
- (kkkkk) SSPC – Steel Structures Painting Council
- (lllll) STC – Sound Transmission Coefficient

- (mmmmm) STHA – Stanton Territorial Health Authority
- (nnnnn)TAC – Transportation Association of Canada
- (ooooo)TCO – Total Cost of Ownership
- (ppppp)TCP – Transmission Control Protocol
- (qqqqq)THD -Total Harmonic Distortion
- (rrrrr) TIA – Telecommunications Industry Association
- (sssss) TPIC – Truss Plate Institute of Canada
- (ttttt) TR – Telecommunications Room
- (uuuuu)TTMAC – Terrazzo and Tile Manufacturers Association of Canada
- (vvvvv) TV - TeleVision
- (wwwww) TVOC – Total Volatile Organic Compounds
- (xxxxx) TVSS – Transient Voltage Surge Suppressor
- (yyyyy) ULC - Underwriters’ Laboratories of Canada
- (zzzzz) UPS – Uninterruptible Power Supply
- (aaaaa) USP – United States Pharmacopeia
- (bbbbbb) V – Volt
- (ccccc) VAR – Volt Ampere Reactive power
- (dddddd) VFD - Variable Frequency Drive
- (eeeeee) VLAN – Virtual Local Area Network
- (fffff) VOC – Volatile Organic Compounds
- (gggggg) VoIP – Voice over Internet Protocol
- (hhhhh) WAN – Wide Area Network
- (iiiiii) WiFi – Wireless Fidelity

2. GENERAL

2.1 Standards

- (a) Project Co will undertake the Design and Construction:
 - (1) in accordance with the standards (as amended, supplemented or replaced from time to time and referenced by GNWT) set out in this Schedule;

- (2) in accordance with the NBC (as amended, supplemented or replaced from time to time and referenced by GNWT) and all applicable Laws, including without limitation the *Safety Act* (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories;
 - (3) having regard for the concerns, needs and interests of:
 - (A) all persons who will be Facility Users;
 - (B) all Governmental Authorities; and
 - (C) the community.
 - (4) in accordance with Good Industry Practice; and
 - (5) to the same standard that an experienced, prudent and knowledgeable long term owner of a high quality health care facility in North America operated publicly would employ.
- (b) GNWT Good Building Practice for Northern Facilities, Third Edition, 2013 (updated March 20, 2013), as amended, supplemented or replaced from time to time;
- (1) GNWT Good Building Practice for Northern Facilities complements the standards and codes specified in this Schedule by providing overarching Design principles and referencing specific standards and codes that are appropriate for the design of facilities in the Northern climate of the Northwest Territories.
- (c) CSA Z8000-11: Canadian Health Care Facilities, as amended, supplemented or replaced from time to time;
- (1) CSA Z8000 complements the standards and codes specified in Schedule 3 by providing overarching Design principles and referencing specific standards and codes that are appropriate for healthcare facility design.
 - (2) Project Co will:
 - (A) utilize CSA Z8000, without limitation of the contents within unless noted otherwise, for the Design and Construction of the Facility.
 - (B) refer to CSA Z8000 for Design guidance to resolve issues not otherwise addressed in Schedule 3; and
 - (C) comply with:
 - (i) any minimum standards and codes referenced in CSA Z8000 (except for any minimum space requirements that may exceed or supersede that required by those standards and codes);
 - (ii) all infection control provisions set out in CSA Z8000; and
 - (iii) Section 7.8.8 (Accommodation of Bariatric Persons) of CSA Z8000.

- (D) not adhere to any requirements within CSA Z8000 for compliance with recognized sustainability programs (such as LEED), as this Project is not required to comply with the specific requirements of any such program, but sustainable and environmentally friendly building practices are still strongly encouraged during Construction of the Facility.
- (d) Without limiting Sections 2.1(a), 2.1(b), or 2.1(c) of this Schedule, Project Co will undertake the Design and Construction in compliance with all applicable standards (as amended, supplemented or replaced from time to time and referenced by GNWT), including without limitation:
- (1) ACI (American Concrete Institute)
 - (A) 315-99 Details and Detailing of Concrete Reinforcement
 - (B) 315R-04 Manual of Structural and Placing Drawings for Reinforced Concrete Structures
 - (2) ANSI / ASME (American National Standards Institute / American Society of Mechanical Engineers)
 - (A) A13.1 Visibility Standard (Pipe Labeling)
 - (B) B16 Piping Component Standards
 - (C) B31 Pressure Piping Code
 - (D) B36 Piping Standards
 - (E) MBG531-00 Metal Bar Grating Manual
 - (F) X358.1: Emergency Eyewash and Shower Equipment
 - (G) Section IX: Welding Qualifications
 - (H) Unfired Pressure Vessels
 - (3) ANSI / EIA (American National Standards Institute / Electronics Industries Alliance)
 - (A) 568-B.1 & 568-B.2 (CSA-0T529-M95) Commercial Building Telecommunications Cabling Standard – Parts 1 & 2
 - (B) 568-B3 (CSA-T529-M95) Commercial Building Telecommunications Cabling Standard – Part 3
 - (C) 569-B (CSA-T530) Commercial Building Standard for Telecommunications Pathways and Spaces
 - (D) 606A (CSA-T528) Administration Standard for Telecommunications Infrastructure of Commercial Buildings
 - (E) 607A (CSA-527) Commercial Grounding and Bonding Requirements for Telecommunications

- (F) ANSI/TIA/EIA 526-7 and ANSI/TIA/EIA 526-14 Standards for Optical Power Loss Measurement of Single Mode and Multimode Fibre Cable Plant
 - (G) ANSI/TIA/EIA – 606-A Administration Standard for the Telecommunications Infrastructure of Commercial Buildings
 - (H) ANSI/TIA/EIA – 607A (J-STD-607-A-2002) Commercial Building Grounding and Bonding Requirements for Telecommunications
 - (I) ANSI/TIA/EIA – 758-A Customer Owned Outside Plant Telecommunications Cabling Standard
- (4) ANSI / IESNA (American National Standards Institute / Illuminating Engineering Society of North America)
- (A) ANSI/IESNA RP 29-06 Lighting for Hospitals and Health Care Facilities (Whenever there is a conflict between this recommended practice and CSA Z317.5, meet the requirements of CSA Z317.5)
- (5) ANSI / TIA (American National Standards Institute / Telecommunications Industry Association)
- (A) ANSI/TIA-942-2 Telecommunications Infrastructure Standard for Data Centers
 - (B) ANSI/TIA-1179 Healthcare Facility Telecommunications Cabling Standard and all referenced documents
 - (C) ANSI/TIA TSB-162 Telecommunications Cabling Guidelines for Wireless Access Points
- (6) ASHRAE (American Society of Heating, Refrigeration and Air-Conditioning Engineers)
- (A) Handbooks: Fundamentals, Refrigeration, HVAC Systems and Equipment
 - (B) Design of Smoke Control Systems
 - (C) ASHRAE Guideline 12-2000 – Minimizing the Risk of Legionellosis Associated with Building Water Systems
 - (D) 52.2: Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size
 - (E) 55: Thermal Environmental Conditions for Human Occupancy
 - (F) 62.1: Ventilation for Acceptable Air Quality
 - (G) 90.1: Energy Efficient Design for New Buildings (Lighting levels shall meet GNWT design targets, as per consultation with the Authority (500 lux in office areas for example, meant to counteract the longer winter hours in Yellowknife) and shall not be limited by this standard)

- (H) 111: Practices for Measurement, Testing, Adjusting and Balancing of Building HVAC Systems
 - (I) 129: Measuring Air Change Effectiveness
 - (J) 135: Data Communication Protocol for Building Automation and Control Network
 - (K) 170: Ventilation of Healthcare Facilities
- (7) ASPE (American Society of Plumbing Engineers)
- (A) Plumbing Engineering Design Handbook, Volumes 1 – 4
- (8) ASTM (American Society for Testing and Materials)
- (A) A36/A36M-12 Standard Specification for Carbon Structural Steel
 - (B) A47/A47M-99 (R2014) Standard Specification for Ferritic Malleable Iron Castings
 - (C) A53/A53M-12 Standard Specification for Pipe, Steel, Black and Hot Dipped, Zinc Coated Welded and Seamless
 - (D) A82/A82M-05 Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
 - (E) A108-13 Standard Specification for Standard Steel Bar, Carbon and Alloy Cold Finished
 - (F) A123/A123M-13 Standard Specification for Zinc (Hot Dip Galvanized) Coatings on Iron and Steel Products
 - (G) A143/A143M-07 Standard Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement
 - (H) A185-06 Standard Specification for Steel Welded Wire Fabric
 - (I) A185/A185M-06 Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
 - (J) A193/A193M-12b Standard Specification for Alloy Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications
 - (K) A26-08 Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
 - (L) A307-07b Standard Specification for Carbon Steel Bolts and Studs, 60,000 psi Tensile Strength
 - (M) A325-07a Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength

- (N) A325M-08 Standard Specification for High Strength Bolts for Structural Steel Joints (Metric)
- (O) A490M-04ae1 Standard Specification for High Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric)
- (P) A497/A497M-07 Standard Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete
- (Q) A500/A500M-13 Standard Specification for Cold Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
- (R) A501-07 Standard Specification for Hot Formed Welded and Seamless Carbon Steel Structural Tubing
- (S) A641/641M-09 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire
- (T) A653/A653M-11 Standard Specification for Sheet Steel, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot Dip Process
- (U) A775/A775M-07b Standard Specification for Epoxy-Coated Steel Reinforcing Bars
- (V) A792/A792M-10 Standard Specification for Steel Sheet, 55% Aluminum Zinc Alloy Coated by the Hot Dip Process
- (W) B88 Copper Piping
- (X) B211-12e1 Standard Specification for Aluminum and Aluminum Alloy Bar, Rod, and Wire
- (Y) B241/B241M-12e1 Standard Specification for Aluminum and Aluminum Alloy Seamless Pipe and Seamless Extruded Tube
- (Z) B483/B483M-03 Standard Specification for Aluminum and Aluminum Alloy Drawn Tubes for General Purpose Applications
- (AA) C140/C140M-14 Standard Testing Methods for Concrete Masonry Units and Related Units
- (BB) C260/C260M-10a Standard Specification for Air-Entraining Admixtures for Concrete
- (CC) C309-11 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
- (DD) C330/C330M-09 Standard Specification for Lightweight Aggregates for Structural Concrete
- (EE) C426-07 Linear Drying Shrinkage of Concrete Masonry Units
- (FF) C494/C494M-13 Standard Specification for Chemical Aggregates for Concrete

- (GG) C568-03 Standard Specification for Limestone Dimension Stone
- (HH) C615-03 Standard Specification for Granite Dimension Stone
- (II) C503-05 Standard Specification for Marble Dimension Stone
- (JJ) C616-03 Standard Specification for Quartz-Based Dimension Stone
- (KK) C1017/C1017M-07 Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete
- (LL) D412-0.6a-(2013) Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers – Tension
- (MM) D624-00-(2012) Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomer
- (NN) D1751-04-(2008) Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
- (OO) E917.24401-1 Life Cycle Cost Assessment Methodology
- (PP) E935-00e1 Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings
- (9) AWWA (American Wood Preservers' Association)
 - (A) A2 06 Standard Methods for Analysis of Waterborne Preservatives and Fire Retardant Formulations
 - (B) A3 05 Standard Methods for Determining Penetration of Preservatives and Fire Retardants
- (10) BICSI (Building Industry Consulting Services International)
 - (A) Telecommunications Distribution Methods Manual (TDMM)
 - (B) Telecommunications Cabling Installation Manual (TCIM)
 - (C) Network Technology Systems Manual (NTSM)
 - (D) Outside Plant Design Reference Manual (OSPDRM)
 - (E) Wireless Design Reference Manual (WDRM)
 - (F) BICSI / InfoComm AV Design Reference Manual (AVDRM) - Latest Edition
- (11) CAN ULC (Underwriters Laboratories of Canada)
 - (A) S524 Standards for the Installation of Fire Alarm Systems
 - (B) S537 Standards for Verification of Fire Alarm Systems

- (12) CGA (Compressed Gas Association)
 - (A) P-2.1: Recommendations for Medical / Surgical Vacuum Systems in Hospitals
- (13) CGSB (Canadian General Standards Board)
 - (A) 1-GP-171M Coating Inorganic Zinc
 - (B) 1-40-97 Anticorrosive Structural Steel Alkyd Primer
 - (C) 1-181-99 Ready Mixed Organic Zinc Rich Coating
 - (D) 1-105-M91 Quick Drying Primer
 - (E) 51-34-M86 (R1988) Vapour Barrier, Polyethylene Sheet for Use in Building Construction
 - (F) 85-10-99 Protective Coatings for Metal
 - (G) 85-100-93 Painting
- (14) CISC / CPMA (Canadian Institute of Steel Construction / Canadian Paint Manufacturers Association)
 - (A) 1-73a Quick-Drying, One-Coat Paint for Use on Structural Steel
 - (B) 2-75 Quick-Drying, Primer for Use on Structural Steel
- (15) CSA (Canadian Standards Association)
 - (A) A5/A8/A362-M88 Portland Cement/Masonry Cement/Blended Hydraulic Cement
 - (B) A23.1-09/A23.2-09 Concrete Materials and Methods of Concrete Construction / Methods of Test and Standard Practices for Concrete
 - (C) A23.3-04 (R2010) Design of Concrete Structures
 - (D) A23.4-09 Precast Concrete Materials and Construction
 - (E) A82.1-M87 (R2003) Burned Clay Brick (Solid Masonry Units Made From Clay or Shale)
 - (F) A82.2-M78 Methods of Sampling and Testing Brick
 - (G) A82.8-M78 Hollow Clay Brick
 - (H) A82.56-M1976 Aggregate for Masonry Mortar
 - (I) A165 Series-04 CSA Standards on Concrete Masonry Units (Consists of A162.1, A165.2 and A165.3), Including the Update No. 1
 - (J) A179-94 Mortar and Grout for Unit Masonry

- (K) A283-06 Qualification Code for Concrete Testing Laboratories
- (L) A370-14 Connectors for Masonry
- (M) A371-04 (R2009) Masonry Construction for Buildings
- (N) A3000-08 Cementitious Materials Compendium (Consists of A3001, A3002, A3003, A3004 and A3005)
- (O) B45 Series – 94: Plumbing Fixtures
- (P) B51-09 Boiler, Pressure Vessel & Pressure Piping Code
- (Q) B52HB: Mechanical Refrigeration Code
- (R) B64 Series 94: Backflow Preventers and Vacuum Breakers
- (S) B111-1974 (R2003) Wire Nails, Spikes and Staples
- (T) B125: Plumbing Fittings
- (U) B139: Installation Code for Oil-Burning Equipment
- (V) B149.1: Natural Gas and Propane Installation Code
- (W) B149.2-10 Propane Storage and Handling Code
- (X) B365-10, Installation Code for Solid-Fuel-Burning Appliances and Equipment
- (Y) B366.1-11, Solid Fuel Fired Central Heating Appliances
- (Z) B651-95: Barrier Free Design
- (AA) C9-02 Dry Type Transformers
- (BB) C22.1 & C22.2 Canadian Electrical Code (LED lighting fixtures shall meet the requirements of C22.2 N0. 250.13-12 “Light emitting diode (LED) equipment for lighting applications”)
- (CC) C282 Emergency Electrical Power Supply for Buildings
- (DD) G30.18-M92-09 Billet-Steel Bars for Concrete Reinforcement, A National Standard of Canada
- (EE) G40.20-13/G40.21-13 General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel
- (FF) W48-06 Filler Metals and Allied Materials for Metal Arc Welding
- (GG) W55.3-1965 (R2008) Resistance Welding Qualification Code for Fabricators of Structural Members Used in Buildings
- (HH) G164-M92 (R2003) Hot Dip Galvanizing or Irregularly Shaped Articles

- (II) O80 Series-08 Wood Preservation
- (JJ) O80.20 97 (R2002) Fire Retardant Treatment of Lumber by Pressure Processes
- (KK) O86 14 - Engineering Design in Wood (Limit States Design)
- (LL) O86S1-05 Supplement No. 1 to CAN/CSA-O86-01, Engineering Design in Wood
- (MM) O112 Series-M1977 (R2001) Standards for Wood Adhesives
- (NN) O121-08 Douglas Fir Plywood
- (OO) O122 06 Structural Glued Laminated Timber
- (PP) O141-05 (R2014) Softwood Lumber
- (QQ) O151-09 Canadian Softwood Plywood
- (RR) O153-13 Poplar Plywood
- (SS) O177-06 (R2011) Qualification Code for Manufacturers of Structural Glued Laminated Timber
- (TT) O325-07 (R2012) Construction Sheathing
- (UU) O437 Series-93 (R2006) Standards on OSB and Waferboard
- (VV) S16-09 Limit States Design of Steel Structures
- (WW) S16S1-05 Supplement No.1 to CAN/CSA-S16-01, Limit States Design of Steel Structures
- (XX) S136-12 North American Specifications for the Design of Cold-Formed Steel Structural Members
- (YY) S157-05 (R2010) Strength Design in Aluminum
- (ZZ) S304.1-04 (R2010) Design of Masonry Structures
- (AAA) S304-04 (R2009) Masonry Design for Buildings
- (BBB) S413-07 (R2012) Parking Structures
- (CCC) S478-95 (R2007) Guideline on Durability of Buildings
- (DDD) S269.1-1975 (R2003) Falsework for Construction Purposes
- (EEE) S269.2-M87 (R2008) Access Scaffolding for Construction Purposes
- (FFF) S832-14 Seismic Risk Reduction of Operational and Functional Components (OFCs) of Buildings
- (GGG) S478-95 (R2007) Guideline on Durability of Buildings

- (HHH) W47.1-09 Certification of Companies for Fusion Welding of Steel
- (III) W48-06 (R2011) Filler Metals and Allied Materials for Metal Arc Welding
- (JJJ) W55.3-08 (R2008) Resistance Welding Qualification Code for Fabricators of Structural Members Used in Buildings
- (KKK) W59-03 (R2008) Welded Steel Construction (Metal Arc Welding)
- (LLL) W178.1-08 (R2013) Certification of Welding Inspection Organizations
- (MMM) W178.2-08 (R2013) Certification of Welding Inspectors
- (NNN) W186-M1990 (R2012) Welding of Reinforcing Bars in Reinforced Concrete Construction
- (OOO) Z32.09 Electrical Safety and Essential Electrical System in Health Care Facilities
- (PPP) Z259.16-04 (R2009) Design of Active Fall Arrest Protection Systems
- (QQQ) Z314.7-03 Steam Sterilizers for Health Care Facilities
- (RRR) Z317.1 Special Requirements for Plumbing Installations in Health Care Facilities
- (SSS) Z317.2 Special Requirements for Heating, Ventilation, and Air-Conditioning (HVAC) Systems in Health Care Facilities
- (TTT) Z317.5 Illumination Systems in Health Care Facilities
- (UUU) Z317-10.09 Handling of Waste Materials in Health Care Facilities and Veterinary Health Care Facilities
- (VVV) Z317.11-02 (R2013) Area Measurement for Health Care Facilities
- (WWW) Z317.13 Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities
- (XXX) Z318 Commissioning of Health Care Facilities
- (YYY) Z318.1 Commissioning of HVAC Systems in Health Care Facilities
- (ZZZ) Z318.5 Commissioning of Electrical Equipment and Systems in Health Care Facilities
- (AAAA) Z320-11 Building Commissioning Standard & Check Sheets
- (BBBB) Z462-12 - Workplace Electrical Safety
- (CCCC) Z808-96 A Sustainable Forest Management System: Guidance Document

- (DDDD)Z7396.1-12, Medical Gas Pipeline Systems - Part 1: Pipelines for Medical Gases, Medical Vacuum, Medical Support Gases, and Anaesthetic Gas Scavenging Systems
- (EEEE) Z8000-11, Canadian Health Care Facilities
- (FFFF) Z8001-13, Commissioning of Health Care Facilities
- (GGGG) Z8835-3-00 (R2005), Inhalational Anaesthesia System – Part 3: Anaesthetic Gas Scavenging System – Transfer and Receiving Systems
- (HHHH)Z9170-2-00 (R2005), Terminal Unit for Gas Pipeline Systems
- (IIII) 6.19-01 (R2011) Residential Carbon Monoxide Alarming Devices
- (16) Facility Guidelines Institute (FGI) Guidelines for Design and Construction of Health Care Facilities
- (17) FSC (Forest Stewardship Council)
 - (A) STD-01-001-2004FSC Principle and Criteria for Forest Stewardship
 - (B) STD-20-002-2004Structure and Content of Forest Stewardship Standards V2-1
 - (C) Accredited Certified Bodies
- (18) GNWT Good Building Practice for Northern Facilities, Third Edition, 2013 (updated March 20, 2013)
- (19) GNWT Office Space Standards and Guidelines, December 2012
- (20) GNWT Office Accommodation Fit-up Technical Standards and Criteria, September 2013
- (21) GNWT Boiler & Pressure Vessel Act
- (22) Government of Alberta Infrastructure Technical Design Requirements for Health Care Facilities “Blue Book” (2009), as modified by the Government of the Northwest Territories (August 11, 2011)
- (23) IEEE (Institute of Electrical and Electronics Engineers)
 - (A) 802.1 series for Interworking, Security, Audio/Video Bridging and Data Centre Bridging
 - (B) 802.3 series of Ethernet Standards
 - (C) 802.11 series of Wireless Standards
 - (D) 802.15 Series of Wireless Standards
 - (E) IEEE 519-1992 Harmonic Limits

- (24) Master Municipal Construction Document (MMCD) and MMCD supplemental specifications, as authored or adopted by the applicable municipal authorities having jurisdiction
- (25) National Building Code of Canada, 2015
- (26) National Energy Code of Canada for Buildings, 2011
- (27) National Fire Code of Canada, 2015
- (28) National Plumbing Code of Canada, 2015
- (29) NETA (InterNational Electrical Testing Association)
 - (A) ATS International Electrical Testing Association (Acceptance Testing Specifications)
 - (B) MTS Standards for Maintenance Testing
 - (C) UL 1069 Hospital Signaling and Nurse Call Equipment
- (30) NFPA (National Fire Protection Association)
 - (A) 3: Recommended Practice for Commissioning of Fire Protection and Life Safety Systems
 - (B) 4: Standard for Integrated Fire Protection and Life Safety System Testing
 - (C) 10: Standard for Portable Fire Extinguishers
 - (D) 13: Standard for Installation of Sprinkler Systems
 - (E) 14: Standard for Installation of Standpipe and Hose Systems
 - (F) 17: Standard for Dry-Chemical Extinguishing Systems
 - (G) 20: Standard for the Installation of Stationary Pumps for Fire Protection
 - (H) 55: Compressed Gases and Cryogenic Fluids Code
 - (I) 70B: Recommended Practice for Electrical Equipment Maintenance
 - (J) 90A: Standard for Installation of Air Conditioning and Ventilation Systems
 - (K) 92A: Standard for Smoke Control Systems Utilizing Barriers and Pressure Differences
 - (L) 96: Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
 - (M) 99: Healthcare Facilities
 - (N) 101: Life Safety Code
- (31) NLGA (National Lumber Grades Authority)

- (A) Standard Grading Rules for Canadian Lumber 2005
- (32) NRC / IRC-CCMC (National Research Council / Institute for Research in Construction – Canadian Construction Materials Centre)
 - (A) 2002, Registry of Product Evaluations
- (33) RSIC (Reinforcing Steel Institute of Canada)
 - (A) RSIC 2004 Reinforcing Steel Manual of Standard Practice
- (34) *Safety Act* (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories
- (35) SCAQMD (South Coast Air Quality Management District)
 - (A) Rule 1113-04 Architectural Coatings
 - (B) Rule 1168-05 Adhesives and Sealants Applications
- (36) SMACNA (Sheet Metal & Air Conditioning Contractors' National Association)
 - (A) HVAC Duct Construction Standards – Metal & Flexible, Second Edition
- (37) SSPC (Steel Structures Painting Council)
 - (A) SP2 Hand Tool Cleaning
 - (B) SP3 Power Tool Cleaning
 - (C) SP5 White Metal Blast Cleaning
 - (D) SP6 Commercial Blast Cleaning
 - (E) SP7 Brush-Off Blast Cleaning
 - (F) SP10 Near-White Blast Cleaning
- (38) TAC (Transportation Association of Canada)
 - (A) Geometric Design Guide
- (39) TPIC (Truss Plate Institute of Canada)
 - (A) 2011 Truss Design Procedures and Specifications for Light Metal Plate Connected Wood Trusses (Limit States Design)
- (40) USP (United States Pharmacopeia)
 - (A) USP 35-NF30 – 797 Pharmaceutical Compounding – Sterile Preparations
 - (B) USP 35-NF30 – 795 Pharmaceutical Compounding – Nonsterile Preparations

- (e) If more than one of the above standards is applicable, then the more stringent such standard will apply.
- (f) If Project Co wishes to make reference to a code or standard from a jurisdiction outside of Canada, then Project Co must first demonstrate to the Authority's satisfaction that such code or standard meets or exceeds the requirements of this Schedule.

2.2 Project Overview

A brief overview of the Project is set out below:

- (a) **Stanton Territorial Hospital:** The Stanton Territorial Hospital, which will be located on the Existing Hospital Lands of the Stanton Territorial Hospital in Yellowknife, NT, will include:
 - (1) a new Hospital Facility;
 - (2) surface and/or structured parking; and
 - (3) associated works.
- (b) **Stanton Territorial Hospital "Support Services Building":** Support Services to support the operation of the Stanton Territorial Hospital will be located in an integrated building or buildings, on the Existing Hospital Lands of the Stanton Territorial Hospital site in Yellowknife, NT.
- (c) **Stanton Territorial Hospital "Rehabilitation Services":** Rehabilitation Services to support the operation of the Stanton Territorial Hospital shall be provided by the Project Co., and will be located in leased space provided by the GNWT within Yellowknife, NT, or on the Existing Hospital Lands.
- (d) **Stanton Territorial Hospital "Transcription Services":** Transcription Services to support the operation of the Stanton Territorial Hospital shall be provided by the Project Co., and will be located in leased space provided by the GNWT within Yellowknife, NT, or on the Existing Hospital Lands.

2.3 Clinical Specifications

- (a) Clinical Specifications are set out in Appendix 3A [Clinical Specifications] (the "**Clinical Specifications**").
- (b) Project Co will design and construct the Facility:
 - (1) so that it accommodates all of the spaces, activities, functions, Design features and adjacencies described in the applicable Clinical Specifications; and
 - (2) in accordance with the requirements of the applicable Clinical Specifications, subject to any adjustments or refinements made in accordance with the Appendix 2B [User Consultation and Design Review].
- (c) Project Co. will not be responsible for the Design and Construction of the Medical Travel Office and Financial Services as listed in the Operational Support Services section of the Clinical Specifications. These items will remain in existing off-site locations.

2.4 Additional Rooms and Spaces

- (a) Notwithstanding anything in the Clinical Specifications, Project Co will design and construct the Facility to include all rooms and spaces as required to comply with the terms of this Agreement, including sufficient rooms and spaces as necessary for the operation and maintenance of the Facility and for Project Co to perform the Services in accordance with this Agreement.
- (b) **“Unallocated/Unassigned Space”**, as applicable, may be available to Project Co for a proposed healthcare-related use, subject to Authority approval. During the Term, a proposed use of **“Unallocated/Unassigned Space”**, and any associated impacts, will be considered in accordance with Schedule 6 [Changes, Minor Works and Innovation Proposals]. [NTD: If an acceptable healthcare-related use for **“Unallocated/Unassigned Space”** is included in a proponent’s proposal, the details of such use shall be set out in Appendix 2F [Proposal Extracts (Design and Construction)] and this Agreement will be modified as required.]
 - (1) **“Unallocated/Unassigned Space”** is to be developed to the same level as “shelled space”.
 - (A) Any perimeter boundary walls, whether exterior building shell or interior partition, of the **“Unallocated/Unassigned Space”** and “shelled space” must be completely constructed except as noted below:
 - (i) Faces of perimeter boundary walls directly exposed to the **“Unallocated/Unassigned Space”** or “shelled space” may be left in a gypsum board level 3 finish or similar, depending on the wall construction assembly.
 - (B) Ceiling assemblies, flooring finishes, and other finishes not mentioned above are not to be installed or constructed in **“Unallocated/Unassigned Space”** and “shelled space”.
 - (2) All building code and life safety requirements, as it relates to all architectural and engineering design, must be adhered to for **“Unallocated/Unassigned Space”** and “shelled space”.
 - (3) Space in the Existing Hospital intended for **“Unallocated/Unassigned Space”** or “shelled space”, as per the Design of Project Co, shall be demolished/adjusted as required to meet the specified requirements.

2.5 Indicative Design

- (a) The Authority’s architectural and engineering consultants undertook an Indicative Design for the Project (the **“Indicative Design”**). The Indicative Design was based on a preliminary draft of the Clinical Specifications and also reflects preliminary consultations with potential Facility users. Drawings describing the Indicative Design for the Facility have been made available to Project Co.
- (b) Project Co may use the Indicative Design as a basis for its Design, but the Authority makes no representation as to the accuracy or completeness of any aspect of the Indicative Design.
- (c) Appendix 3G [Gross Floor Areas] has been included to represent the gross floor areas of the Indicative Design.

- (d) Project Co will be completely responsible for all aspects of the Design and Construction, whether or not it uses all or any part of the Indicative Design, and Project Co will independently verify the accuracy of any information contained in or inferred from the Indicative Design if Project Co uses any of such information in its Design.

2.6 Phased Construction

- (a) Project Co, in undertaking the Design and Construction of the Facility, shall incorporate a phasing strategy that:
 - (1) maintains the existing functionality and operations of the Existing Hospital at all times;
 - (2) minimizes disruption to existing operations;
 - (3) maintains access by the public and staff to the Existing Hospital;
 - (4) places a priority on completion of the new Critical Care Area in the early phases of the Project; and
 - (5) places emphasis on Chemotherapy and Renal Dialysis being implemented as soon as practically possible.

2.7 Use of Wood

- (a) The use of wood finishes in patient care areas shall follow CSA Z8000-11, unless treatment of wood product can be proven to meet infection prevention and control requirements.
- (b) Wood may be used for structure, according to Section 6.6 Woods, Plastics and Composites (including Millwork) (Division 06) of this Schedule, and may be exposed in public areas, such as the main lobby, if treated for infection prevention and control requirements.

3. DESIGN GUIDELINES AND PRINCIPLES

3.1 Project Design Principles

- (a) Project Co will apply the Design principles described in Sections 3.2 to 3.10 of this Schedule (collectively, the “**Project Design Principles**”) in undertaking the Design. In addition to the descriptions of these principles in this Part 3, specific requirements related to these principles are included in Parts 4 to 8 of this Schedule.
- (b) The Project Design Principles are integrated principles and Project Co will apply them on an integrated basis throughout the Design and Construction.

3.2 Evidence Based Design

- (a) Project Co will apply Evidence Based Design methodologies in undertaking the Design.
- (b) **“Evidence Based Design”** means that decisions about the Design of the Facility will be based on credible research, information derived from comparable projects, and information about Authority operations, in order to achieve the best possible outcomes. The goal of Evidence Based Design is to deliver measurable improvements (for example in the Authority’s patient and workflow outcomes, productivity, economic performance, and customer satisfaction).

3.3 Site Development

- (a) Project Co will design the Facility to:
 - (1) have a distinctive architectural character, reflecting the Authority’s values and role as the major centre for health in Yellowknife and the region;
 - (2) support community access and include a visible main entry and lobby for the Facility and a direct access route to the Emergency Department main entry; and
 - (3) reflect logical planning and clarity of circulation.
- (b) Project Co will consider all Design decisions within the context of enhancing the Lands.
- (c) Project Co may, in consultation with the Authority, use portables to facilitate the transition of people and equipment during Construction, but all portables must be removed by the end of Construction.

3.4 Sustainability

- (a) In accordance with the provisions in Schedule 2 [Design and Construction Protocols], Project Co will Design the Facility:
 - (1) using Design methods, building materials, operational practices, energy and life cycle considerations that promote environmental quality, social benefits and economic vitality throughout the Construction and Operating Periods, including by minimizing the Authority’s operating costs (for example in relation to utilities);
 - (2) to give priority to efficient use of resources, protection of health and indoor environmental quality;
 - (3) to take advantage of efficiencies and innovations that may be possible through integration of systems to minimize operational costs for the Authority (for example in relation to utilities); and
 - (4) considering alternative sources of energy;
 - (5) exploring opportunities for recovering waste heat; and
 - (6) to apply a total systems approach to minimize energy consumption and incorporate energy consumption management techniques that are targeted to stabilize and optimize energy flows.

3.5 **Optimized Outcomes**

(a) Project Co will design the Facility:

- (1) to facilitate the delivery of efficient and effective workflow and processes to accommodate the care delivery and staffing model described within the Operational Plan posted in the online Stanton Territorial Hospital Project data room;
- (2) to reduce waste, within both clinical and non-clinical service delivery processes, allowing for efficient staffing, and minimizing 'sneaker time' for staff members as they perform their work;
- (3) to recognize the value to the Authority of LEAN healthcare (or equivalent methodologies) in supporting the delivery of Authority activities, and accordingly allow the findings from such methodologies to play a key role in influencing Design decisions;
- (4) to include ergonomic Design features throughout all spaces that specifically facilitate the physical activities of staff and patients, including, for example, appropriate millwork, lighting, lift devices, and patient assist or equipment maneuvering space; and
- (5) to support innovative and collaborative methods of working, to help incorporate the Authority's new and emerging technologies, to respond to diverse work styles (such as hoteling and job-sharing), and to optimize flexibility and space utilization. A key element to the development of an integrated workplace is the provision of physical environments that support varied workplace strategies. Accordingly, Project Co will design workplaces to:
 - (A) include standardized spaces, systems furniture and casework where appropriate;
 - (B) provide floor lay-outs that accommodate teams as well as individuals, and that support mobile employees who require flexibility and use portable technology; and
 - (C) consider co-location options, space saving strategies, and lay-outs and furniture that facilitate change.

3.6 **Adaptability, Flexibility and Expansion**

(a) Project Co will design the Facility:

- (1) to incorporate a Site plan and Facility Design that allows growth and expansion over a 5 to 50 year planning horizon, including ease of interconnection for clinical logistics and Facility systems functionality;
- (2) to meet the needs of patients, visitors, employees, physicians, volunteers, learners, researchers and teachers now and into the future;
- (3) to accommodate the rapid cycle of innovation and change to support development and implementation of new clinical and non-clinical work processes and technology change;

- (4) to accommodate program, service, work and equipment change with minimized utility infrastructure and Facility impact, including down time, and so that clinical areas are acuity adaptable;
 - (5) to support future expansion of components, and capacity as a whole, including planning zones for growth, loose fit Design to optimize functionality within a given floor area, and multi-use adaptable space;
 - (6) with an infrastructure that incorporates excess systems capacity and includes systems and components that support future expansion with minimized disruption and allows for upgrades in Authority technology or technological progression; and
 - (7) utilizing open planning to create soft zones responsive to rapid change and growth by use of modular fit out.
- (b) In addition to the general specifications of Section 3.6(a), Project Co will design the Stanton Territorial Hospital to include:
- (1) a future MRI, including appropriately designed clear access, plus structural capacity, for convenient delivery and installation of an MRI unit and adequate mechanical and electrical capacity to accommodate the MRI unit;
 - (2) placement of a future Extended Care Facility, as an independent building (with mechanical systems / heating plant and electrical systems / transformer separate from the main Facility and not included in the Design and Construction of this project), in the southern portion of the Lands as part of the Master Site Plan, including appropriate utility services (water and sanitary) connection points; and
 - (3) provisions for future shelled space of 730 m², to provide flexibility for changes in the delivery of medical services, as follows:
 - (A) Main priority is to allow for program growth, with the preferred adjacencies being renal/dialysis and ambulatory care.
 - (B) May be located in the Existing Hospital and is not required to be only in the new components of the Facility.
 - (C) 82.5 m² of which shall be allocated to the spaces denoted as future shelled space for the Renal Care Unit as per Section 3.6 Renal Care Unit of Appendix 3A [Clinical Specifications].
 - (D) Due to recent changes in Schedule 3A [Clinical Specifications] Attachment 2 Schedule of Accommodations, Project Co shall reduce the remaining shelled space from 647.5 m² (730 m² less Renal shelled space) as required to accommodate the required changes.
 - (i) Any remaining shelled space in excess of the 82.5 m² shelled space for Renal shall be adjacent to Ambulatory Care.

3.7 Environmental Quality

- (a) Project Co will design the Facility:
 - (1) to promote a healing and wellness environment for patients and their families. The environment will be welcoming for the community of users and provide calming spaces for patients and visitors;
 - (2) to promote and enhance Patient Centred Care. "**Patient Centred Care**" is a standard of care that emphasizes the individual needs of each patient and treats them with respect and dignity, enabling them to participate integrally in their own care process within an environment that recognizes and respects the essential role of the patient's family or supporters;
 - (3) to provide an environment that supports excellence and innovation in the delivery of safe, high quality healthcare and where employees, physicians and others can work together collaboratively in promoting health and wellness;
 - (4) to include elements that have been proven to create a therapeutic and low stress environment;
 - (5) to allow for easy orientation upon entering the Facility, and simple wayfinding as patients and visitors move through the Facility;
 - (6) to create a comfortable, functional environment for employees, physicians, patients, patients' families and others, by including, as tools for creating an environment that will support and distract patients of all ages and their families:
 - (A) design elements that minimize noise, maximize natural light while providing light control, and use natural materials;
 - (B) design features in the main entry/customer services area (non-clinical/non-patient areas) that introduce nature and living plant material in the form of a living wall and/or gardens that contribute to the air quality and provide a place of respite from the clinical areas. All living wall and/or gardens must be proven by Project Co to meet all infection prevention and control requirements;
 - (C) design elements that allow for maximum family interaction;
 - (D) design features such as sound and music, color, pattern, air quality, nature;
 - (E) design features such as art and aesthetic forms that reflect Northern cultures and community history and values, and incorporate the work of Northern artists; and
 - (F) design features that are sensitive to regional population diversity including Northern cultures.
 - (7) to utilize views to create a visually pleasing environment, including:
 - (A) design elements views of the exterior environment in all inpatient rooms, meeting rooms, staff lounges and similar locations;

- (B) maintaining existing views and encouraging new views where possible through the use of view corridors, and the creation of appropriate public spaces;
 - (C) situating Facility to utilize “near views” of public spaces, natural and landscaped areas on-Site and off-Site;
 - (D) considering on-Site views as well off-Site views at all stages of the Design process; and
 - (E) minimizing negative visuals such as blocking views and creating unwanted sun shadows.
- (8) taking into consideration a respective environmental wind and snow study, undertaken by Project Co.

3.8 **Standardization**

(a) Project Co will design the Facility:

- (1) to, wherever appropriate, apply standardization to reduce errors and improve quality of service delivery to assist caregivers in quickly accessing patients, equipment, room controls and plumbing fixtures within the following areas:
- (A) Exam/Treatment Room (General)
 - (B) Exam/Treatment Room (Bariatric)
 - (C) Exam/Treatment Room (Isolation)
 - (D) Procedure Room (Standard)
 - (E) Patient Washroom/Shower
 - (F) Patient Washroom/Tub
 - (G) Patient Washroom (Accessible)
 - (H) Patient Washroom (Bariatric)
 - (I) Washroom (Public)
 - (J) Clean Utility Room
 - (K) Soiled Utility Room
 - (L) Medication Room
 - (M) Automated Medication Management System Room
 - (N) Housekeeping Closet
 - (O) Nourishment or Kitchenette Alcove
 - (P) Staff Room

- (2) Applications of standardization shall include:
 - (A) orientation and relationships of staff to patient zones, placement of utilities;
 - (B) location and relationship of utilities, including but not limited to electricity, data, and gases to major pieces of equipment and patient care areas; and
 - (C) location of entrances, major equipment, equipment storage, millwork and casework, and hand hygiene stations.
- (3) Project Co. shall demonstrate achieved standardization as outlined in Schedule 2 [Design and Construction Protocols].
- (4) Project Co. shall identify any patient care and clinical support areas in which standardization cannot be achieved because of constraints of the Existing Hospital footprint.

3.9 Technology

- (a) Project Co will design the Facility to utilize technology to improve cost effectiveness, integrate services and achieve better health outcomes.
- (b) Not used.

3.10 Accessible Design

- (a) Project Co will incorporate the following philosophies in the Design to address barriers to equitable access to healthcare such as cultural diversity, physical capability and gender:
 - (1) Equitable use – the Design will be easy to use by people with diverse abilities;
 - (2) Flexibility in use – the Design will accommodate a wide range of individual preferences and abilities;
 - (3) Simple and intuitive – the Design will be easy to understand, regardless of the user’s experience, knowledge, language skills, or current concentration level;
 - (4) Perceptible information – the Design will communicate necessary information effectively to the user, regardless of ambient conditions or the user’s sensory abilities;
 - (5) Tolerance for error – the Design will minimize hazards and the adverse consequences of accidental or unintended actions;
 - (6) Low physical effort – the Design is capable of being used efficiently and comfortably and with a minimum of fatigue; and
 - (7) Size and space for approach and use – the Design will use provide appropriate size and space for approach, reach, manipulation, and use regardless of user’s body size, posture or mobility.
- (b) Project Co will demonstrate respect for the cultural values of Northern Peoples of the Northwest Territories and the Kitikmeot region of Nunavut by designing the Facility to:

- (1) incorporate visible representation of Northern culture into the Design of the Facility and Lands;
 - (2) include landscaping that incorporates cultural elements such as sculptures and indigenous plants used for traditional healing; and
 - (3) include language and names on major exterior and interior signage so as to reflect the cultures and be translated into local languages (and syllabics) as appropriate, referring to Appendix 3B [Wayfinding Guidelines].
- (c) Project Co will incorporate reference to Northern history and heritage into the Design for the Facility:
- (1) in a manner that demonstrates respect for the local history and heritage of Yellowknife and the Northwest Territories, as applicable; and
 - (2) to include Design elements and display opportunities that will:
 - (A) identify, reinforce and educate visitors to the Facility of the unique history and heritage of Yellowknife and the Northwest Territories; and
 - (B) provide opportunities for the Stanton Territorial Hospital to display local art and donations.

4. SITE DEVELOPMENT REQUIREMENTS

4.1 Master Planning

- (a) Project Co will develop and submit to the Authority a Master Site Plan (“**Master Site Plan**”) for the Lands, based on the master planning principles and site development requirements described in Section 3.3 and Sections 4.1 to 4.4.
- (b) The Master Site Plan will illustrate the site context and development opportunities to validate the Facility siting. Provide appropriate access, parking, loading and turning radii for refrigerated trailers and removable storage for Bio-Hazardous Waste to transport to, by private vendor, to Wainwright, Alberta.
- (c) The Master Site Plan will contemplate future expansion at the Lands. Project Co will locate the Facility and design the Master Site Plan to allow for:
 - (1) the future addition of an MRI unit, for which the future functional requirements have been listed in the Clinical Specifications; and
 - (2) a future Extended Care Facility, as an independent building (with mechanical systems / heating plant and electrical systems / transformer separate from the main Facility and not included in the Design and Construction of this project) in the southern portion of the Lands.
- (d) The Master Site Plan will:
 - (1) describe in detail the implementation of all phased development at the Lands;

- (2) ensure that each component of the Facility is an integrated part of the Lands, facilitating the delivery of clinical and non-clinical support services (for example through efficient physical links and service connections between buildings, enhancing the ability of these to function in a cohesive manner;
 - (3) indicate the access needed for replacing major components required for the Facility, as well as for adding major components at a future date;
 - (4) provide a site servicing, parking and traffic master plan of the Lands to accommodate the expansion capacity described in Section 4.1(c);
 - (5) illustrate the expansion areas described in Section 4.1(c); and
 - (6) provide for easy access to oil storage tanks, propane storage tanks, and biomass storage facility to accommodate safe and efficient delivery of all fuels.
- (e) The Master Site Plan for the Stanton Territorial Hospital will reflect the redevelopment of the Lands currently in use.
- (f) The Master Site Plan for the Stanton Territorial Hospital expansion will:
- (1) respect the existing landscape;
 - (2) plan for the reuse and integration of existing significant landscape features, including trees, shrubs, and large rock outcroppings;
 - (3) integrate the pedestrian pathways and emergency access routes;
 - (4) include direct and logical pedestrian connections between the surrounding existing pedestrian pathways and the main Facility entries;
 - (5) meet and match existing grades along the limits of Construction;
 - (6) be in accordance with local by-laws, including City of Yellowknife By-Law No. 3934; and
 - (7) maintain the existing Frame Lake Trail system to the east of the Lands. If portions of the trail system must be removed, they must be relocated as approved by the Minister and follow the requirements as outlined in City of Yellowknife By-Law No. 3934.

4.2 Site Design and Development

- (a) General
- (1) Minimize the impact of site development and Facility placement on adjacent neighbours and land uses. Preserve visual privacy and sunlight for adjacent properties and buildings, and include features that will give the Facility an appropriate identity in the overall community context.

- (2) The existing Walt Humphries mural at the entrance to the parking lot must be either:
 - (A) maintained and incorporated into the proposed Design; or
 - (B) relocated to an approved location by the Minister.
- (3) Retain as many existing trees, vegetation and natural rock outcroppings on the Lands as possible to reduce the impact of the Facility on its neighbourhood context and to contribute to the natural healing environment for patients, visitors and staff.
- (4) Minimize the adverse micro-climatic effects arising from the location and configuration of parking, walkways and building(s), including effects of Facility orientation on snow drifting and wind around mechanical equipment and around entrances for patient, staff and visitor comfort and safety. Undertake an environmental wind and snow study.
- (5) Provide smooth transitions between Facility green space and public sidewalks.
- (6) Reinforce the physical relation of the structures with the major streets and create a legible site layout and pattern to foster a strong sense of place and identity and to ease increased vehicular and pedestrian penetration of the Lands.
- (7) Design for maximum access to the Facility. Provide separate and distinct passenger-side drop-off areas at each of the main entrances to the Facility and the Emergency Department walk-in entrance.
- (8) Cover passenger-side drop-off areas at each of the main entrances to the Facility and the Emergency Department walk-in entrance.
- (9) Mitigate the nearby noise from adjacent roadways through the use of exterior glazing and other acoustic screening.
- (10) Create meaningful open spaces both urban and natural for the benefit of patients, visitors and staff of all ages which provide opportunities for recreation and contribute to a cohesive, healthy community; capitalize on opportunities for outdoor areas of respite and repose to aid in providing a healing environment.
- (11) Design landscape and circulation routes to have clear unobstructed views of surrounding areas for safety surveillance.
- (12) Common facilities and/or areas must be grouped so that each facility or area is automatically monitored by the constant presence of users of facilities or areas.
- (13) Screen from view from the street all refuse/recycling areas, shipping, loading or utility areas, satellite dishes, outdoor vents, mechanical equipment, transformers and other similar structures. Locate these visual screening items so that they also serve as noise screens for components that generate outdoor noise including transformers, mechanical equipment and shipping / loading areas. Design the enclosure of the outdoor refuse/recycling areas to coordinate with the overall design of the Lands.
- (14) Provide easy access to garbage and recycling bins, and contained such bins within roofed/walled enclosures, or screen them from public view.

(b) Pedestrian and Vehicular

- (1) Create a high-quality, vibrant, pedestrian-friendly environment, including by tying the sidewalks and pathways to existing sidewalks and pathways adjacent to the Lands, including the adjacent Frame Lake pathway.
- (2) Design for the functional separation of traffic for emergency vehicles, visitors, staff and service vehicles, and to minimize public and service vehicle traffic interference with ambulance and other emergency vehicle access to the Lands.
- (3) Integrate vehicular circulation with layout of pedestrian and bicycle zones throughout the Lands to provide visible connections, promote safe travel, and to minimize conflict between vehicles and other modes of travel. Pedestrian networks and access routes should take precedence over vehicular travel lanes. Design the driveways to provide connections between the surrounding roads and the main entrances to the Facility. Design vehicular service entrances so that they are integrated into the Facility Design with minimal visual impact.
- (4) Provide safe pedestrian crossings that are clearly designated using pavement markings and signage. In areas where a high volume of pedestrian crossings is expected, provide for changes in surface material (such as from asphalt to Portland cement, for example) or changes in grade to extend pedestrian networks across the roadway crossings.
- (5) Create access for the mobility impaired (including people with baby strollers) by providing paths of travel with a minimum clear width of 1.5 m connecting all open space areas.
- (6) Provide pedestrian routes that are fully accessible by the disabled community. The primary pedestrian systems, public open space, walkways and entrances to the Facility must be universally accessible to the physically challenged and be elderly friendly. Design features which segregate circulation / areas / uses for people with disabilities from typical public usage are discouraged, except where required due to reasons of safety or due to space limitations.
- (7) Provide curb-cuts or curb let-downs in appropriate locations to facilitate convenient and direct access from the parking space(s) to the Facility for people with disabilities.
- (8) Provide clear, direct pedestrian routes that are unimpeded by parked or moving vehicles.
- (9) Provide walking trails around the perimeter of the Lands and pedestrian access throughout the interior of the Lands. Surface of walking trails must be wheelchair accessible (e.g. compacted gravel, 'Fibar' type playground surfacing, engineered wood fiber, asphalt or of a material as deemed appropriate by the City of Yellowknife).
- (10) Use traffic calming measures (e.g. curb bulges) to minimize roadway pavement width at pedestrian crosswalks.
- (11) Pedestrian routes within and to/from parking facilities must be clearly delineated and logical in terms of directness.

- (12) Provide paving and landscape treatments to further identify and enhance the pedestrian movement.
 - (13) The pathway system will incorporate landscape treatments with trees and benches, lighting, and distinct paving where appropriate. The pathway system must also be wide enough for wheelchairs / scooters and will include a tactile strip for the visually impaired wherever possible.
 - (14) Integrate the adjacent Frame Lake Trail into the Lands design to provide safe access to the hospital as well as a safe route that bypasses the major traffic of the Lands.
 - (15) Minimize grade changes for drop curbs and raised crossings. Drop curbs aligned to pedestrian crossings.
 - (16) All walkways and other paved areas must have positive drainage to shed rain water quickly with minimum side slope gradients of 2%.
 - (17) Minor walkways must be at least 1.5 m (5ft.) wide.
 - (18) Major walkways must be wide enough to allow for two people walking side by side and someone passing (i.e. minimum 2.5 m (8.2ft.) wide).
 - (19) Provide lighting on all pathways, including pedestrian-scale lighting.
 - (20) Ensure safe and efficient access routes for fuel delivery vehicles, including turning radii as required.
- (c) Public Realm and Open Space
- (1) Design and construct the Facility with consideration for the legibility, quality and consistency of the overall treatment of the public realm, including public open space, pedestrian corridors and streets, to achieve the urban Design objective for a unified and attractive built environment.
 - (2) Provide a hierarchy of open spaces as follows:
 - (A) public open spaces;
 - (B) private open spaces;
 - (C) private and secure open space for the Mental Health Unit / Psychiatry Unit;
 - (D) private respite spaces for staff; and
 - (E) spaces that preserve the natural environment.
 - (3) Achieve segregation between different open spaces through landscape barriers such as fencing, walls, hedges, topography and planting.
 - (4) Situate building(s) so that they maximize the availability of sunlight in exterior and open spaces and areas of high pedestrian use. Maximize sunlight exposure for private and secure open spaces.

- (5) Situate building(s) so that they maximize the preservation of existing natural features and consider the integration of these elements into the overall Design.
- (d) Community Noise Protection
- (1) Orientate the Facility on the Lands so that the noise impact of emergency and service vehicles and new traffic routes will be minimized on the existing residential areas.
 - (2) Strategically locate and / or silence mechanical and electrical equipment, outside air intake and discharge openings and emergency generators' engine exhausts.
 - (3) Design and construct the Facility so that noise levels from mechanical and electrical equipment at the nearest residential property lines and within the patient spaces and offices do not exceed:
 - (A) 50 dBA at night; and
 - (B) 60 dBA during the day
 - (4) Ensure that electrical and mechanical noise levels in outdoor patient lounge areas and public sidewalks do not exceed 50 dBA.
- (e) Site Wayfinding and Exterior Signage
- (1) Provide site wayfinding and exterior signage in accordance with Appendix 3B [Wayfinding Guidelines].
 - (2) Provide a signage master plan for approval by the Authority.
 - (3) Arrange pedestrian pathways to ease wayfinding and create an amenable environment for pedestrians through the use of coordinated methods of wayfinding which inform people of routes through the Lands to specific building(s) and entries or to the major street and transit nodes. Encourage pedestrians to avoid unsafe vehicle roads by providing well-signed alternative pedestrian routes. Utilize paving patterns which can easily be differentiated from vehicular paving by pedestrians where they cross vehicular traffic to access the emergency department and main entrance.
 - (4) Provide visually connected pathways and integrated plazas to facilitate wayfinding.
 - (5) Provide external directional signage that:
 - (A) clearly identifies the Facility and its components including the emergency department, main entry drop off area, and public and staff parking;
 - (B) clearly indicates points of access for the public, parking areas and restrictions for various vehicle types and restrictions to 'after-hours' access; is well illuminated, backlit, reflective or high contrast and easily visible at night; and
 - (C) minimizes light spillage.

- (6) Wayfinding must start at the Lands property line with freestanding illuminated exterior signage located at each prominent site entry location. Supplement these entry signs with free standing signage structures located to give overall direction within the site. These illuminated exterior signs must have an overall site plan and have some weather protection for standing viewers.
 - (7) Locate site banner signs at strategic landscaped locations to advertise hospital events and fundraising campaigns.
 - (8) Overall site parking signage is required to follow consistent Design intent for the Lands.
 - (9) Provide all necessary exterior illuminated signage to direct traffic from the access streets. Design and construct such signage so that it is visible for drivers of vehicles to identify at a far enough distance so that they can safely slow down and follow the signage to enter the Facility and the parking areas.
- (f) Site Lighting
- (1) Provide lighting for public outdoor spaces and the adjacent private property to create an unobtrusive, human scale lighting concept, with a hierarchy of fixture types designed according to functional and security needs (including CPTED), and reflecting the hierarchy of pedestrian corridors.
 - (2) All exterior luminaires will be vandal resistant and LED fixtures.
 - (3) Site lighting shall enhance security camera coverage and shall not be glarey or detrimental to coverage.
 - (4) Lighting on pedestrian paths will illuminate not just the path but also the surrounding area adjacent to the path, particularly en route to transit connections.
 - (5) Provide lighting to facilitate ease and safety of pedestrian access to public transit.
- (g) Panic Duress
- (1) Provide a minimum of four panic duress stations in the parking areas that will have two-way communications with security and a LED blue flashing light on top.
- (h) Receptacles for Car Engine Heaters
- (1) Provide a duplex receptacle for every two parking stalls for car engine heaters except for the main parking lot.
- (i) Landscape
- (1) Provide landscape for the complete Lands that contributes to a livable, healthy and responsive community.
 - (2) Provide elements including therapeutic gardens, exterior rehabilitation areas, areas of refuge including covered seating, handrails along pathways and landscape features for the enjoyment of staff and visitors.
 - (3) Minimize grade changes for drop curbs and raised crossings. Drop curbs aligned to pedestrian crossings.

- (4) Provide streetscape treatments (e.g. street trees, boulevards and sidewalks) to City of Yellowknife guidelines and standards (as a minimum). Verify streetscape requirements with the local municipality. Reinforce and enhance an image of the City of Yellowknife, as applicable, through the preservation of mature vegetation.
 - (5) Provide landscape site plans for the complete Lands. Landscape plans to be prepared by a NWTALA (Northwest Territories Association of Landscape Architects) registered landscape architect, or other approved component of the CSLA (Canadian Society of Landscape Architects).
 - (6) Installation of the landscape to be supervised and approved by a NWTALA registered landscape architect (or other component association of the CSLA).
 - (7) Hose bibs to be spaced around the exterior of the Facility at entrance locations and 45m (150') on centre.
 - (8) Within the limit of disturbance, maximize the amount of landscape areas on the Lands and minimize the amount of impervious surfaces to increase the natural absorption rate of storm water, targeting a goal of 25% of the Lands to have soft landscape, including trees, shrubs, groundcover, and grass. Alternatively, untouched landscape of the Great Slave Lowland High Boreal Ecoregion within the limit of disturbance that has not been altered may be considered as part of the 25%.
 - (9) Maximize the amount of untouched, existing landscape to remain untouched, targeting a goal of 50% of the Lands to remain untouched, and remain as a native, untouched landscape of the Great Slave Lowland High Boreal Ecoregion.
 - (10) Preserve to the maximum extent possible, the existing natural landscape areas. Including the transplanting of existing trees as opposed to complete removal (with required root pruning, under the advisement of an ISA Certified Arborist), and the sowing of native seed stock from native plant stock on the Lands under the advisement of a qualified horticulturalist with specialization in Northern plants.
 - (11) See Sections 8.1(h) and 8.2 for detailed descriptions of planting and street furniture suggestions and requirements.
- (j) Site Safety Through Design
- (1) Public spaces will be distinguishable from private spaces. Design and locate symbolic barriers throughout the site. Symbolic barriers will include landscaping (such as changes in paving, vegetation or grade) and/or architectural features (such as low walls, bollards and raised planters) rather than continuous solid fences or walls.
 - (2) Design the exteriors of the site so that there are opportunities for people to easily view what is happening around them during the course of their everyday activities.
 - (3) Eliminate entrapment spots. Incorporate barriers that permit visual access without loss of privacy such as glazing in lobby doors and stairwells.

- (4) Promote the “eyes on the street” concept by using windows, doors, and activity generators such as seating or fountains. Windows will be visible from the street and not hidden by vegetation or other items.
- (5) Incorporate CPTED principles in the design of all exterior areas of the Lands.

4.3 **Parking**

(a) General

- (1) Project Co will provide parking for the Facility in accordance with the requirements of this Schedule and all applicable standards.

(b) Facility Specific Requirements

(1) For the Stanton Territorial Hospital

(A) Based on July 2013 Stanton Territorial Hospital Traffic and Parking Study which:

- (i) is based on Indicative Design; and
- (ii) does not include any requirements of the addition of shelled space for future growth.

(B) Provide 375 vehicle parking stalls as follows:

- (i) 226 powered stalls for physicians and staff, located directly adjacent to the main staff entrance;
- (ii) 59 stalls for clinic patients;
- (iii) 42 stalls for patient-visitors;
- (iv) 20 stalls for the Emergency Department;
- (v) 28 powered stalls for staff for Support Services;
- (vi) minimum of 38 (10% of 375 total parking stalls) shall be for disabled persons, located so that users can access entrances without crossing roadways; and
- (vii) provided that these numbers and the stall locations are subject to adjustment under the User Consultation and Design Review process.

(C) Outpatient Rehabilitation Services and/or Transcription Services may be integrated into the Facility based on the Design of Project Co, and if included:

- (i) provide 43 vehicle parking stalls (31 powered stalls for staff and 12 stalls for patients) for Outpatient Rehabilitation Services;
- (ii) provide 5 powered vehicle parking stalls for staff for Transcription Services; and

- (iii) provide increased parking stalls for disabled persons, located so that users can access entrances without crossing roadways, based on minimum of 10% of total additional stalls added for programs/services noted above.

(D) In addition to the parking stalls required above, provide:

- (i) 1 (one) transit bus stop within reasonable distance to the main entrance;
- (ii) drop off spaces and 1 taxi stand;
- (iii) 1 dedicated stall for police, adjacent to the Emergency Department;
- (iv) 2 Emergency Department patient drop off spaces;
- (v) any additional motorcycle parking stalls as may be required by the City of Yellowknife;
- (vi) secured and sheltered, long-term bicycle parking for 25 employee bicycles; and
- (vii) unsecured, short-term bicycle parking for 12 bicycles.

(c) Parking Stall Sizes

(1) Parking stalls will comply with the following:

- (A) minimum parking stall and drive aisle dimensions shall be designed to meet the minimums stated in the City of Yellowknife Zoning By-Laws, while:
 - (i) parking stall sizes are dependent on parking angles in degrees; and
 - (ii) pick up and drop off areas, minimum stall dimensions will be 6.0 m x 3.5 m.

(d) Structured Parking

- (1) Project Co may choose to provide structured parking (which may be either underground parking or a parkade).
- (2) Structured parking must blend into the Facility architecture and not impede views from the hospital public areas and patient rooms of the lake and natural landscape features.
- (3) Structured parking must not negatively impede traffic flows in/out of hospital property and provide safe access for users into the hospital.

- (4) The entry of structured parking must be located a sufficient distance from the public street to prevent parking queues from extending onto the street. At the exit of structured parking, a minimum distance of two car lengths must be provided between the exit and the street edge to accommodate cars waiting to enter the traffic stream.
 - (5) Unfinished ceilings, lights, pipes and related items must not be visible from a public street or public street sidewalk.
- (e) Parking Payment System
- (1) Project Co will design and construct structured and surface parking so as to accommodate future provision of a 'pay by space' parking system with payment machines ("pay devices") located both within parking areas and within the Facility so as to allow users to 'pay by space' and pay for time extensions without leaving the Facility:
 - (2) The design shall allow for installation of infrastructure access control systems, illuminated signage, and pay devices which will not require demolition to the structured and surface parking.
 - (3) Project Co will coordinate with the Authority consideration for infrastructure necessary to support pay devices in the following areas:
 - (A) the main Facility entrance;
 - (B) the main Emergency Department entrance;
 - (C) at 6 locations in the structured parking (if applicable), which will be confirmed through the user consultation process described in Appendix 2B [User Consultation and Design Review]; and
 - (D) at 6 locations in the surface parking (if applicable), which will be confirmed through the user consultation process described in Appendix 2B [User Consultation and Design Review].
- (f) Parking Design Principles
- (1) Noise attenuation must be provided on parking structure walls within 200 meters from residential developments.
 - (2) Walls and ceilings of parking structures must be painted to enhance or reflect light. The design and operation of parking facilities, both surface and multi-level, will create convenient and safe usage, including panic duress systems. Refer to Section 7.8.
 - (3) Design and construct a surface parking, parkade and/or underground parking in accordance with the following:
 - (A) provide structured parking that is capable of being secured and locked when not in use;
 - (B) provide adequate provision for ingress and egress to all parking spaces to ensure ease of mobility, ample maneuvering clearances, and safety of vehicles and pedestrians;

- (C) apply CPTED principles and the following principles:
 - (i) reduce opportunities for graffiti through the use anti-graffiti coatings;
 - (ii) ensure the interior is well-lit while minimizing light spillage into adjacent properties; and
 - (iii) where surface parking is situated between a building and an adjacent public street, provide trees between the building setback line and the adjacent public street.
 - (D) clearly mark all parking spaces as directed by the Authority;
 - (E) use wayfinding strategies, including signage, to allow each floor to be identifiable and to assist in orientation and ease of finding/identifying parking stalls;
 - (F) set parking lot layouts in an orderly and logical design to minimize confusion and excessive internal circulation;
 - (G) employee parking must not be located in visually remote areas of parking lots, behind blank walls, or within service or loading areas;
 - (H) in situations with little or no surface parking, the ground level parking areas in a parking structure must have sufficient height clearance to accommodate most light trucks and passenger vans; and
 - (I) all curb & gutter structures shall be designed with snow removal in mind. Parking lot and roadway geometry shall minimize irregular shapes that will be damaged easily during snow removal operations.
- (4) Provide all parking lots with the following landscape requirements:
- (A) screen surface parking by plant material, and where surface parking is behind building(s), screen such surface parking from adjacent properties with landscape planting or trellis strips;
 - (B) incorporate safety and security measures into the landscape design;
 - (C) surface parking must contribute to the continuity of the street landscaping edge without compromising the safety and security of the public inside the lot and on the public street;
 - (D) reduce the visual impacts of large surface parking lot areas by dividing the parking area into smaller parking lots defined at the boundaries by drive aisles, sidewalks, trees and landscape planting; plant shrubs and small trees to define circulation routes for pedestrians and vehicles; and
 - (E) multiple surface parking lots must provide a direct pedestrian pathway system through the parking area to provide convenient and safe pedestrian access between Facility entrances, parked cars, and sidewalks of adjoining streets.

(g) Bicycle Parking

- (1) Provide bicycle parking facilities that are at-grade, have uniform lighting and are safe and secure.
- (2) Provide secured, long term bicycle parking for employees. Such bicycle parking may be integrated into parking structures located close to Facility access points.
- (3) Provide unsecured, short-term bicycle parking in the form of bicycle racks located within 15 m of a principal Facility entry. Such bicycle parking must be situated in well-lit locations, clearly visible from principal Facility entries and/or public roads.
- (4) Bicycle racks must be made of sturdy, theft-resistant material and be secured to the floor or ground with tamper proof bolts. Design the bicycle racks so that they secure the bicycle frame, not the wheels, and allow both the frame and front wheel to be locked to the rack with a U-style lock.
- (5) Staff bike parking must be sheltered from the elements by including structures that are separate or integrated into the Facility Design by complimenting the styling of the Facility architecture and not impeding cycling, pedestrian or vehicular traffic patterns.

4.4 Site Infrastructure

(a) General

- (1) Project Co will provide, as necessary, adequate and reliable infrastructure, and necessary municipal services to the Facility's municipal off-site services infrastructure.
- (2) Project Co will not run municipal services and related infrastructure for the Facility under any other building(s) on the Lands, regardless whether these building(s) are existing or are to be newly constructed (as part of this Design and Construction or intended for the future). These services need to be easily accessible for any required maintenance.
- (3) Project Co will install appropriate connection points to facilitate the future Extended Care Facility in accordance with its Master Site Plan.
- (4) All works required for excavation, exposing, backfill and surface restoration of all proposed water, sanitary sewer and storm service connections, as well as the connection of each service to the municipal system, will be the responsibility of Project Co.

(b) Off-Site Services Infrastructure

(1) General

- (A) Design and construct all municipal off-site services, connections or upgrading of municipal systems as needed or as required by the City such that the off-site municipal infrastructure is adequate to support the Facility, to the satisfaction of the City and other governmental authorities. Refer to the applicable City documents for land development and municipal servicing engineering standards.

- (2) Potable Water – Off-Site
 - (A) The Facility requires two separate water system connections, including metering and backflow prevention.
 - (B) The primary connection point will be the existing services location to the Facility.
 - (C) The secondary supply routing will be extended in from the existing water main near the intersection of Byrne Road and Old Airport Road. The details pertaining to this connection to the City of Yellowknife-owned supply main must be acceptable to the City of Yellowknife Public Works and Engineering Department. This will include, at a minimum, backflow prevention, and possibly separate metering. The extent to which provision for on-site pumping from this secondary connection will be required (to suit either domestic demand or fire-fighting demand, or both), will be determined, in part, by the final Facility floor area and Facility height.
 - (D) Project Co will ensure that City access to municipal fire hydrants is not encumbered at any time. All existing hydrants must remain active during the Construction. Temporary Construction water will be provided by a new connection to the City's water system.
 - (E) Project Co will ensure that the flows required by the upgraded Facility will not exceed the capacity of the existing water supply infrastructure.
- (3) Sanitary Sewer – Off-Site
 - (A) The connection point for the sanitary sewer will be to the existing municipal sewer service, which is located at the south end of the Facility.
 - (B) Project Co will ensure that that the peak sanitary flow of the Facility will not exceed the capacity of the existing sanitary infrastructure.
- (4) Storm Drainage – Off-Site
 - (A) Project Co must employ on-site storm water management strategies which result in no net increase in peak storm water discharge rates up to the 100 year recurrence interval event. Project Co will design the Lands so that expected drainage flow capacity and direction meet City of Yellowknife requirements. Note that the City of Yellowknife does not have a storm drainage municipal system, with storm drainage typically handled by landscaping.
- (c) On-Site Services Infrastructure
 - (1) General
 - (A) Design and construct all on-site servicing to meet or exceed the design and quality requirements for the corresponding municipal off-site services, and to meet the needs of the Facility.

- (2) Sanitary Sewers – On-Site
 - (A) Provide sanitary sewers of a diameter, grade and depth to safely convey all effluent from the Facility. The sanitary sewer system will include the pipes, manholes and all other required appurtenances to comply with applicable municipal and provincial standards.

- (3) Storm Sewers and Drainage – On-Site
 - (A) Provide storm sewers, storm sewer management strategies and drainage network:
 - (i) of a size, grade and depth to safely manage and convey all storm water on-site to the receiving system;
 - (ii) which, at minimum, maintains the pre-Construction discharge rates after Facility completion;
 - (B) Provide an on-site storm water management system designed to maintain the pre-Construction discharge rates after Facility completion.
 - (C) Project Co will ensure that neighbouring properties are protected from flooding and nuisance runoff issues and existing municipal system capacities are not exceeded.

- (4) Watermain and Appurtenances – On-Site
 - (A) Provide two separate watermain systems at the Lands (watermain and ancillary components) from the municipal systems, each system capable of providing all required commercial/institutional demands and firefighting capacity and redundancy for the Facility. The extent to which provision for on-site pumping, from both primary and secondary off-site connection points, will be required (to suit either domestic demand or fire-fighting demand, or both), will be determined, in part, by the available system pressures, the final Facility floor area and Facility height.
 - (B) Fire-fighting volumetric demands are to be calculated using the Fire Underwriters Survey (FUS) method, unless alternates are otherwise approved by the municipal authorities.
 - (C) If required to meet the Fire Underwriters Survey fire flow demands, Project Co will provide back-up, permanent fire-fighting equipment.
 - (D) The watermain systems will include approved backflow preventers necessary to protect the municipal system and on-site Facility from contaminants based on the hazard level of the Facility.
 - (E) For the purposes of redundancy, one of the water services to the Facility will operate as a secondary connection to the municipal system. A looped on-site connection for the main is desired by the Authority.
 - (F) Both watermain services, from separate off-site connection points, are to converge into a common mechanical room, wherein metering and splitting off of fire suppression flows will occur.

- (G) The watermain services shall be designed with a recirculating line and pump to ensure water is always flowing to prevent freeze-up of the services.

(5) Road Works – On-Site

- (A) Design and construct for the Lands all roadways, including the pavement, curbs and gutters, sidewalks, walkways, signage, pavement markings, and traffic calming devices, that are handicapped accessible and wheel-chair friendly, and provide safe passage between parking areas, loading areas, emergency vehicle areas and drop off areas without requiring the driver to enter the municipal roadway. The minimum roadway surface width will be 9.0 metres.
- (B) All roadways will accommodate fire truck access in accordance with the requirements of the respective municipality's fire department or by municipal bylaw requirements.
- (C) Design vehicle for loading access to be WB23 B-Train. All other internal roadways must safely accommodate the typical fire truck in use by the City of Yellowknife.
- (D) Truck movements on the Lands will be designed such that loading bays are easily accessible, limiting the requirement for truck maneuvering into and out of loading bay areas.
- (E) All curb & gutter structures shall be designed with snow removal in mind. Parking lot and roadway geometry shall minimize irregular shapes that will be damaged easily during snow removal operations.

(6) Street Lighting – On-Site

- (A) Provide lighting on the Lands for roadways, walkways and parking areas to ensure safe vehicle and pedestrian traffic with respect to collisions, personal safety, and Facility access/egress. Lighting will be sympathetic to the Existing Hospital and future building(s) on the Lands, as well as all neighbouring properties. Wherever possible, all site lighting is to be 'dark skies' compliant, or sufficient enough to provide for safety, security, display and attraction of the Facility but arranged so that no direct rays of light are projected to adjacent properties or interfere with the effectiveness of any traffic control device.
- (B) Detailed on-site lighting specifications are carried elsewhere, under Section 7.6(l) of this Schedule.

5. BUILDING DESIGN REQUIREMENTS

5.1 Adaptability and Flexibility

- (a) Project Co will:
 - (1) locate permanent building elements, such as stairs, elevators and duct shafts, to minimize constraints on changes to the Facility;
 - (2) minimize interior columns for ease of planning and re-planning of care areas;

- (3) locate shear walls and/or bracing to allow flexibility to the program space for future improvements and modifications;
- (4) provide additional capacity in vertical (and horizontal) distribution shafts and plenums to accommodate 10% additional service system improvement;
- (5) accommodate the vertical and horizontal distribution of electrical and mechanical services to allow maintenance and changes to occur with the least disruption to clinical service delivery;
- (6) provide access points to building service systems in critical locations so that service disruption is minimized; and
- (7) in general, avoid cabling in the concrete slab. Provide a system or strategy such as "Elevated Flooring" (see Section 6.10(b)(11)) or overhead cable trays to allow for easy servicing to Telecommunication Equipment Rooms and medical equipment as per consultation with the Authority.

5.2 Expandability

- (a) Project Co will:
 - (1) provide primary circulation corridors that allow for expansion without increasing the complexity of the circulation system as a whole; and
 - (2) provide floor zoning that allows for expansion of programs or services, for example by locating administrative and other non-clinical 'soft' functions adjacent to clinical areas that are likely to need to expand.

5.3 Post Disaster Requirements

- (a) In undertaking the Design, Project Co will consider the need to protect the life and safety of all Facility occupants and the need for continuing services following catastrophic events such as earthquakes, severe weather, epidemics, chemical spill, disruption to service utilities and internal events such as fire. Particular attention should be paid to the Stanton Territorial Hospital facilities, generators, transformers and service connections.
- (b) Design and construct the Facility, generators, transformers and service connection structures, structural components, non-structural components, anchorages, and equipment to post disaster standards in accordance with the NBC.
- (c) If the Support Services Building is designed as a stand-alone building, Project Co will design and construct the structural components of the Support Services Building to post disaster standards in conformance with the NBC, and provision shall be made for emergency power. Other aspects of the Support Services Building design must meet the requirements for Normal Importance Category.
- (d) If structured parking (parkade) is designed as a stand-alone building, Project Co will design and construct the structured parking to meet the design requirements for a Normal Importance Category building as defined in the NBC. If structured parking (parkade) is designed as integral to the Facility, Project Co will design and construct the structured parking to meet the design requirements for a Post Disaster Importance Category building as defined in the NBC. This applies to all aspects of the Design, including structure, as noted in Sections 5.7 and 5.7(m).

- (e) Design and construct essential services servicing the Stanton Territorial Hospital, including the electrical system, steam, domestic water and medical gases, to post disaster standards as defined in the NBC. Locate these services in utilities enclosures that meet post disaster standards as defined in the NBC.
- (f) Design and construct Stanton Territorial Hospital so that it is capable of meeting its functional requirements (lights, power, water and sewer) for a minimum period of 72 hours following a natural disaster or other incident (except that additional storage tanks are not required for potable water – assume water will be pumped in).
- (g) See Section 5.8(g) for mechanical post disaster requirements.
- (h) See Sections 5.9(a)(2), 5.9(b)(10), and 5.9(b)(13) for electrical post disaster requirements.
- (i) Design and construct the Facility to support a Project Co supplied and installed roof-top emergency communications antennae tower, including all structural supports and fasteners, all electrical, lighting, and lightning grounding requirements, and all enclosures, entrances, ducting, pathways, and cabling between the communications tower antennae locations and the Emergency Operations Centre (the “EOC”) communication equipment room. The communications tower will be sized to support all Authority emergency communications antennae plus capacity for an additional antennae of each type as required by the Authority.
- (j) Project Co will design and construct the Facility so that it includes space that is capable of being used as an EOC during an emergency, as per Section 9.10 Other Staff Support Space of Appendix 3A [Clinical Specifications]. The EOC will:
 - (1) include a communication centre, a locked supply storage area, and a communication equipment room capable of supporting the communications tower systems and equipment;
 - (2) have all EOC equipment be powered from outlets on at least two separate circuits and be connected to vital power, with 30% of EOC lighting and power outlets connected to UPS power;
 - (3) have dedicated power outlets as follows:
 - (A) four power outlets for laptop computers;
 - (B) one power outlet for multifunction printer/photocopier/scanner;
 - (C) one power outlet for fax machine; and
 - (D) one power outlet for data projector.
 - (4) have telecommunication outlets supplied from two separate network rooms;
 - (5) have dedicated telecommunication outlets as follows:
 - (A) four data outlets for laptop computers (laptops should be able to access the Authority’s network as well as the external Internet in both a wireless and hardwired format);
 - (B) one data outlet for videoconferencing on wall-mounted display screen;

- (C) one cable outlet for wall-mounted display screen (to support viewing and monitoring of local, regional, provincial and national news);
 - (D) four regular telephone lines;
 - (E) one telephone line that will work in the event of sustained power failure;
 - (F) one teleconference phone line; and
 - (G) one fax machine phone line.
- (6) have two separate cable feeds from external antennae that will support satellite phone communications;
 - (7) be capable of supporting the emergency communication systems described in Section 5.3(j), including all required cabling, conduit paths and other infrastructure;
 - (8) be capable of supporting teleconferencing and videoconferencing;
 - (9) have 2 large whiteboards; and
 - (10) have 3 large status and information tackboards (one for contact numbers, one for resource status, and one for situational awareness map).

5.4 **Architecture**

(a) Building Form and Character

- (1) Project Co. will design the Facility with the following considerations for building form and character:
 - (A) General
 - (i) The Facility will be articulated, yet be detailed to ensure the building envelopes are robust.
 - (ii) Utilize glazing to optimize views and daylight penetration, and to reduce energy consumption.
 - (iii) Not used.
 - (B) Exterior Building Materials and Colour
 - (i) Exterior materials will include high quality durable finish materials and robust detailing.
 - (ii) Cladding materials may be architectural concrete, brick or stone masonry, glass, phenolic panels, metal cladding and wood.
 - (iii) Stucco, plaster and similar finishes will not be accepted as a building material.

- (C) Roof
 - (i) Roof top mechanical / electrical equipment to be enclosed within a mechanical penthouse, and incorporated in architectural elements, consistent in form, material, and detail with the rest of the Facility. Roof top mechanical / electrical equipment will be provided with noise attenuation.
 - (ii) Roof access shall be provided via a stairwell and penthouse.
 - (iii) Project Co will provide high parapets or guardrails to minimize the need for fall arrest anchors for operational staff. Locate at main roofs and other roof areas needing regular access for maintenance
- (b) Circulation
 - (1) Project Co. will design the Facility with the following considerations for building configuration and internal circulation:
 - (A) Building Entrances
 - (i) Major entries into the Facility from the exterior, such as the main entrance, Emergency Department walk-in entrance, and main staff entrance (as opposed to entries for services, etc) must be barrier-free and at grade, without stairs or ramps.
 - (ii) All direct entries into the Facility from the exterior will be protected from snow and rain by canopies or building overhangs. Weather protection must be implemented where Facility entrances front a sidewalk or open space. Weather protection must not extend into public street rights-of-way.
 - (iii) Ambulance Entrance Area, including an office/staging area, ambulance entrance vestibule, and a completely enclosed, climate controlled, drive-through ambulance garage, to be as noted within Appendix 3A [Clinical Specifications] and respective Attachment 2 Schedule of Accommodations.
 - (iv) Orient and design Facility entrances based on an environmental wind and snow study, undertaken by Project Co, to provide pedestrian comfort.
 - (v) Orient Facility generally to minimize wind induced by building(s).
 - (vi) Provide wind mitigating measures and areas that are protected from the wind so as to extend the seasonal duration of outdoor activities such as convalescing or socializing.
 - (vii) Entrance vestibules will provide complete transparency from the exterior, from the interior immediately in front of the vestibule, and from habited spaces adjacent to at least one long side of the vestibule.

- (viii) Entrance vestibules will be configured and sized in order to preserve the airlock effect for climate control.
 - (ix) Ensure a minimum 5 metre distance between the sets of doors to allow stretchers and wheelchairs to fit lengthwise into the vestibule. Provide a heated air curtain system over the exterior doors to control the temperature loss during winter months.
 - (x) Use sliding doors at all public entrances, except that where sliding doors are not feasible, use swinging doors. Use doors that can be activated by handicapped accessible push-button controls located on the inside and outside of both sets of doors or revolving doors with a swing door. Doors will be configured for push-pull manual operation in addition to automatic operation.
 - (xi) Entrance doors to the Emergency Department and doors to patient care areas will be sufficiently wide to allow access for stretchers surrounded by medical staff.
 - (xii) Pedestrian interest and comfort at entries will be provided through specifically designed seating, signage, lighting and features that signal the Facility's use.
 - (xiii) Provide wheelchair alcoves visible and accessible to the main entry vestibules. Provide easy access to wheelchairs/stretchers close to the entrance of the Facility.
 - (xiv) If the Facility has a large open entrance or atrium, the space must be acoustically treated to control excessive noise or sound reverberation that can prevent effective space communication, facilitate the spread of noise from the atrium to adjacent noise sensitive interior spaces and / or make spending time in the atrium uncomfortable. If this space is provided, views into adjacent patient rooms must also be protected.
 - (xv) Entryways and doors must be illuminated using light levels that are comfortable when entering and exiting.
- (B) Stairs
- (i) Locate exit stairs strategically for the convenience of staff moving between related clinical departments.
 - (ii) Locate exit stairs conveniently accessible from circulation routes.
 - (iii) Avoid stair locations that negatively impact future planning flexibility or constrain desirable views from patient care and staff work areas.
 - (iv) Provide day lighting and views from stairwells for orientation and amenity, and provide adequate lighting into stairwells for staff security at night.

- (v) Include convenience stairs located strategically to reduce dependence on elevator use.
- (vi) Provide metal convenience stairs to mezzanines in Equipment Maintenance.

(C) Corridors

- (i) Corridor widths will be a minimum of 2400 mm wide clear, except in office areas, where corridors will be a minimum of 1500 mm wide
- (ii) Corridors shall meet the requirements of CSA Z8000 and the NBC.
- (iii) All corridors shall be sized to accommodate the door widths required for each area.
- (iv) Provide convenient service access to the ceiling mechanical and electrical plenum above corridors. If ceiling tiles are used, provide the ceiling tile layout such that access to the plenum requiring a hoarded area in the corridor below will not reduce the clear corridor to less than half its original width.
- (v) Project Co will identify, for the approval of the Authority, alcoves for portable diagnostic imaging equipment, and install power and data outlets sufficient for such equipment. These alcoves would be in addition to the minimum 2400mm clear corridors.
- (vi) If a multi-storey atrium or lobby space is provided, views into adjacent patient rooms must be protected.

(D) Elevators

- (i) Elevator consultant is required for calculations and usage.

(c) Building Envelope

- (1) Project Co. will design the Facility with the following considerations for the building envelopes:
 - (A) Consult the GNWT Good Building Practice for Northern Facilities as recommended best practices.
 - (B) Utilize a building envelope professional (whose credentials as a building envelope professional are recognized by the Northwest Territories Association of Architects or the Association of Professional Engineers and Geoscientists of Northwest Territories) to advise on building envelope design and construction.
 - (C) Complete the design and construction so as to prevent the accumulation and stagnation of rain, snow, ice and dirt on the horizontal and vertical surfaces of the building envelopes appropriate for the climate the Facility is situated in.

- (D) Complete the design and construction so as to prevent both the ingress of exterior moisture and the trapping of condensation from infiltrating humid air within the envelope(s).
 - (E) Design exterior walls in accordance with the PERSIST (Pressure Equalized Rain Screen Insulated Structure Technique) as outlined in GNWT Good Building Practice for Northern Facilities as recommended best practices.
 - (F) Ensure that materials and systems of the wall and roof assemblies contribute to reducing heat gains and losses with minimal decline in performance over their expected lifespan.
 - (G) Ensure continuity of the air barrier; vapour barrier, thermal barrier and rain barrier across the entire envelope(s).
 - (H) Design building envelope details to avoid thermal bridging.
 - (I) Design building envelope details and select materials and systems with consideration of the existing envelope.
 - (J) Design building envelopes so that the inside of patient rooms exposed to noise from hospital related equipment, delivery / loading bays, emergency intake areas, and busy road traffic areas are exposed to noise levels less than 50 dBA from steady sources of noise such as HVAC equipment and transformers and to less than 60 dBA for noises associated with brief intermittent events (sirens, loading bay noise events).
- (d) Interior Walls and Partitions
- (1) Project Co. will design the Facility with the following considerations for the interior walls and partitions:
 - (A) Planning for acoustics shall follow the requirements of CSA Z8000.
 - (B) Use interior walls and partition systems that provide acoustic separations as required for the specific functions to be carried out in the spaces affected, and in accordance with the requirements of the Government of Alberta Infrastructure Technical Requirements for Healthcare Facilities "Blue Book" (2009), as modified by the Government of the Northwest Territories (August 11, 2011).
 - (C) Design and select interior walls and partitions, partition systems and interior finishes to comply with the following criteria as may be relevant for the particular or specific functions enclosed:
 - (i) cleaning, maintenance and infection prevention and control;
 - (ii) permanence and durability including impact resistance; and
 - (iii) low VOC emissions so as to minimize adverse impact on indoor air quality and indoor environmental quality.

- (D) Use a hospital application of a demountable partition system, manufacturer Teknion or similar, complying with the criteria in Section 5.4(d)(1) as required, as per Section 3.3 Collaborative Work Spaces in Appendix 3A [Clinical Specifications].
 - (E) Provide fittings, attachments and internal bracing/backup as required to accommodate and support wall mounted equipment.
 - (F) All interior partition walls to go from floor to underside of slab.
 - (G) In special areas such as Mental Health or Psychiatry Departments, construct the wall to suit the purposes unique to those areas in compliance with the CSA Z8000-11 requirements.
 - (H) Interior partition in airborne isolations rooms, ante rooms and pressurized rooms must be designed and constructed to meet the specific pressure requirements for such rooms. Refer to CSA Z8000-11.
- (e) Ceilings
- (1) Project Co. will design the Facility with the following considerations for the ceilings:
 - (A) Ceiling systems will comprise a major component of the acoustic or sound attenuation function as required in the spaces in which they are installed and will comply with the requirements of CSA Z8000 and Government of Alberta Infrastructure Technical Requirements for Healthcare Facilities “Blue Book”, as modified by the Government of the Northwest Territories (August 11, 2011).
 - (B) See Section 6.9(b)(6) for additional information.
 - (C) Ceiling height will not be less than 2700 mm above the finished floor in all areas.
 - (D) Ceiling heights will conform to the following:
 - (i) operating suites, x-ray rooms, and rooms with overhead patient gantry lifts (except inpatient rooms) to have a minimum ceiling heights listed in the CSA Z8000-11;
 - (ii) ceilings in rooms with equipment requiring specific clear heights will be based on specific equipment requirements; and
 - (iii) provide open ceilings in materiel management and facilities management with open work benches, machine shops, high utility shelving storage areas, and overhead hoists.
 - (E) For all areas in patient rooms requiring Safety Features, as outlined in Appendix 3A [Clinical Specifications], patient lift gantry and tracks will be surface mounted to ceiling.
 - (F) Suspended structure located for overhead equipment will be located above finished ceiling.

- (G) Infection Control for Ceilings:
 - (i) Ceilings in the Facility will comply with CSA Z8000-11: Canadian Health Care Facilities.
 - (ii) Ceilings in airborne isolation rooms and procedure rooms will be smooth, solid surface, non-perforated, and scrubable.
 - (iii) Penetrations must be properly sealed in airborne isolation rooms, procedure rooms and pressurized rooms to ensure the ceiling provides an effective air seal.
 - (iv) Ceilings in airborne isolations rooms, ante rooms and pressurized rooms must be designed and constructed to meet the specific pressure requirements for such rooms.
 - (v) In psychiatric secure rooms and psychiatric intensive care units, provide smooth, solid surface, non-perforated, scrubable, and high-impact resistant ceiling.
- (H) Virtual Skylight Ceiling Systems
 - (i) Provide virtual skylight ceiling systems in internal rooms that would provide a positive distraction for patients undergoing treatment; including “diagnostic imaging” patient imaging rooms for CT, Fluoroscopy, and Endoscopy, and treatment areas for Renal Care Units and Medical Day Care Units.
 - (ii) See Section 6.9(b)(4)(E) for additional information.
- (f) Floor Finishes
 - (1) Project Co. will design the Facility with the following considerations for the floor finishes:
 - (A) Project Co will provide flooring that is complementary and integral to the functional and aesthetic requirements of the interior space.
 - (B) Project Co will select floor finishes to suit types and concentration of pedestrian and/or vehicular/wheel traffic to be anticipated.
 - (C) Continuous cove base is required with all sheet flooring in all areas with the exception of carpeted offices, boardrooms, and conference rooms. Base height is minimum 150 mm.
 - (D) Project Co will design and select floor finishes complying with the following criteria:
 - (i) ergonomic comfort, cleaning, maintenance and infection prevention and control including the frequency and quality of joints and also including ease of replacement if and when required;
 - (ii) imperviousness to concentrations of moisture anticipated to be existing on the floors and for the duration of that moisture;

- (iii) permanence and durability and resistance to concentrated service traffic both pedestrian and vehicular;
 - (iv) low VOC emissions so as to minimize adverse impact on indoor air quality and indoor environmental quality; and
 - (v) compatibility of patterns and textures with the requirements for pedestrian safety and elderly friendly design.
- (E) Non-slip flooring will be used in all wet areas including: food service areas, central cleaning and sterilizing, wash and change rooms, bathing areas, patient washrooms, laundry, soiled utility and housekeeping rooms.
- (F) Patient shower floors will be slip resistant, slope to drain, and be flush-walk-in without ridges for water retention.
- (G) Infection Control for Floors:
- (i) Floors in patient care areas must be washable and able to withstand routine low level hospital disinfection
 - (ii) Penetrations must be properly sealed.
 - (iii) Floors in clinical areas must be seamless, have homogeneous heat welded seams, and integral bases.

5.5 Interior Environment

(a) Infection Control

(1) General

- (A) Design the Facility in compliance with all applicable infection control standards, including CSA Z8000.
- (B) Design the Facility to mitigate and prevent, where possible, the spread of infection including via contaminated surfaces and airborne pathogens.
- (C) Select appropriate materials and use simple detailing leading to quality workmanship and ease of accessibility for routine cleaning and maintenance.
- (D) Design the Facility to consider ease of infection prevention and control in future alterations, modifications and additions.

- (E) In addition to meeting the requirements of CSA Z317.2, design and construct the Facility to mitigate the spread of airborne infections during an outbreak by creating outbreak control zones as follows:
 - (i) design and construct a minimum of two adjacent inpatient units as a pandemic zone so that the mechanical ventilation systems will achieve negative pressure within the outbreak control zone relative to adjacent floor areas as described in Section 7.4 Heating, Ventilating and Air Conditioning (Division 23) of this Schedule.
- (2) Sinks and Hand Hygiene Stations
 - (A) Design the Facility in compliance with all applicable infection control standards, including CSA Z8000.
 - (B) Prepare a workflow pattern and risk assessment in collaboration with the Authority to address placement of handwash sinks and alcohol-based hand rub dispensers.
 - (C) Provide specialized scrub sinks in the following rooms or areas:
 - (i) the surgical suite, procedure rooms and all areas where invasive sterile procedures occur; and
 - (ii) other rooms or areas as indicated in the Clinical Specifications.
 - (D) Provide hand hygiene stations:
 - (i) at all entrances to the Facility so that visitors stop, take notice, and access them (stations will have at least four antiseptic hand rub dispensers mounted for convenient access for visitors); and
 - (ii) other rooms or areas as indicated in the Clinical Specifications.
- (3) Equipment & Storage
 - (A) Provide storage shelves that are:
 - (i) cleanable with Authority approved detergents and disinfectants;
 - (ii) not located under sinks;
 - (iii) minimum 200 mm above the floor to permit routine cleaning; and
 - (iv) 18-20" from ceiling to ensure adequate functioning of fire sprinklers, or provide bulkhead.
 - (B) If open shelving is provided for storage, the bottom shelf of such shelving will be a solid surface to prevent contamination from the floor.
- (4) See Section 5.4(e)(1)(G) for infection control for ceilings.
- (5) See Section 5.4(f)(1)(G) for infection control for floors.

- (6) Psychiatric Areas
 - (A) Design the Psychiatric Intensive Care Unit, Psychiatric Inpatient Unit and Emergency Seclusion Rooms to the requirements of CSA Z800 and all other applicable codes, standards, and legislation.
 - (B) Design all mental health units to have a non-institutional feel and the ability to put a unit in lock-down mode as necessary.
- (7) Pharmacy Areas
 - (A) Design the Pharmacy Areas in accordance with the requirements of USP 797 Guidebooks to Pharmaceutical Compounding – Sterile Preparations and the Canadian Society of Hospital Pharmacists Guidelines for the preparation of sterile products in pharmacies.
 - (B) Refer to the Equipment List for the requirements of the BioSafety Cabinet, Laminar Flow Hoods and other equipment in the Pharmacy Department.
- (b) Ergonomic Design
 - (1) Project Co will provide:
 - (A) detailed Design features, which expressly facilitate the physical activities of the staff and patients to increase their safety, efficiency and general well-being, and assist in eliminating ergonomic risk factors;
 - (B) for all inpatient care rooms (including washrooms) to accommodate lifting and transfer devices;
 - (C) ergonomic Design, consistent with good industry practice, of all work spaces including millwork, furniture, lighting, and finishes to eliminate strain and injury to health care workers; and
 - (D) adjustable work surfaces and shelves to allow for flexibility of use in nursing stations.
- (c) Colour
 - (1) Project Co will:
 - (A) provide departmental color palettes appropriate for the emotional and psychological needs of patients;
 - (B) provide natural color palettes that contribute to the creation of a healing environment;
 - (C) provide distribution of ambient full-spectral color within typical staff and patient environments; and
 - (D) avoid glare-creating finishes.

(d) Art Works

- (1) The Authority intends to procure various art works for display within the Facility. The Design will allow for the display of art work as follows:
 - (A) within Facility interior to allow wall surfaces for art display;
 - (B) in the exterior allow for sculpture to be placed at grade;
 - (C) from the public ceiling where ceiling heights are generous
 - (D) allow for the development of local community art projects to be included as part of Project Design; and
 - (E) provide specific corridors and display spaces for art for approval by the Authority.
- (2) Project Co will:
 - (A) design the Facility to support the Authority's art program by providing and identifying for the Authority effective and appropriate locations for major and minor art works throughout the Facility;
 - (B) coordinate the procurement and delivery (including timing of delivery), of art works with the Authority and install all art works procured by the Authority;
 - (C) provide lighting to enhance the display of all art works;
 - (D) provide all necessary structural support, seismic restraint, vandal-proof mounting and other protective measures required for particular art works; and
 - (E) consider the development of major public pathways with gallery alcoves having display systems that can accommodate specific maximum sizing. Making specific alcoves that fully enclose/protect artwork prevents vandalism while maintaining infection control & ease of cleaning.

(e) Wayfinding

- (1) Project Co will:
 - (A) provide a simple configuration of the Facility circulation systems and functions so that wayfinding is inherently easy;
 - (B) locate major destinations, such as department entrances, directly off of entry spaces and/or along primary circulation paths for easy access, make waiting areas as open as possible to circulation routes without requiring wayfinders to pass through waiting areas;
 - (C) provide significant recognizable, easily named and identified elements in key and easily found locations that can become 'meeting points' for patients and visitors;

- (D) design public elevator and stair lobbies and public circulation routes to be distinct from service routes and other non-public routes; and
 - (E) orient all building plan directories to reflect the direction from which they are viewed.
- (2) Project Co will provide all signage required for the Facility in accordance with the following:
- (A) design signage in consultation with the Authority such that the materials, colours, letter fonts, sizes and other aesthetic and functional considerations, such as Braille, conform to the overall wayfinding design system and are coordinated and consistent with those used for the STHA Patient Care Centre. Refer to Appendix 3B [Wayfinding Guidelines];
 - (B) materials for signs include aluminum, acrylic, vinyl, or stainless steel;
 - (C) provide a hierarchy of signage that identifies the range of use of the official languages (and syllabics) that are included in the regions which STHA services. Refer to Appendix 3B [Wayfinding Guidelines];
 - (D) signage will be highly visible (day and night), clear, concise, and well-differentiated from surrounding information, notices, advertising, etc.;
 - (E) signage will be resistant to graffiti and physical damage;
 - (F) use international symbols where and as applicable;
 - (G) provide signage that directs visitors to all patient destinations and all other departments and rooms within. Prioritize patient destinations over non-patient destinations;
 - (H) signage will incorporate art imagery, such as local scenery, to designate different departments and patient rooms;
 - (I) orient all important signs, including all patient destination signs, to be perpendicular to the line of patient travel on approach; and
 - (J) avoid multi-layered naming hierarchies and complex numbering systems.
- (3) Project Co will provide the following interior signage at the Facility:
- (A) building directories at all entrances, major corridor junctions and at elevator lobbies. They will include a plan of the Lands highlighting the Facility as well as floor level listings of departments;
 - (B) digital interactive kiosk signage system in lobby of the Facility;
 - (C) elevator signage and audio;
 - (D) elevator floor directories at all elevator lobbies. They will include floor level listing of departments;

- (E) room signage for all rooms. Room signage is to be of several types distinguishing room functions. Administrative space signage requires a pocket to insert specific information such as name of occupant. Room signage for utility rooms will be designed to be less evident than general room signage. Blade signs may be used to identify vending areas and waiting areas;
 - (F) door tags for all door frames;
 - (G) patient room signage and patient care department directories;
 - (H) overhead directional signage, which must either be suspended from a ceiling or bulkhead or be mounted directly over doors. No directional signage will be incorporated into flooring; and
 - (I) feature signs and information panels at various locations throughout the hospital (for example, signs to locate information desk).
- (4) Design internal directional signs to include:
- (A) a main directory, installed at or near the main public entrance to the Facility that indicates the Facility in relation to the overall Lands and the location of every area and department within the Facility that is accessible to the public;
 - (B) a continuous 'trail' of signage from the entrances to each of the reception/information points listed on the directories;
 - (C) installation of signage at each point at which a directional decision is required;
 - (D) consistent terminology;
 - (E) door signage to identify every space (e.g. rooms, alcoves, corridors and stairwells) in the Facility. Door signage will:
 - (i) be developed in consultation with the Authority;
 - (ii) be located in a consistent location for every space in the Facility;
 - (iii) indicate restrictions on entry and warn of hazards, including "Laser In Use" and "Radiology In Use" signage; and
 - (iv) not be obscured by the emergency systems and code blue system call.
- (5) Provide a room numbering system that is consistent with the following protocol:
- (A) rooms are numbered in a manner that reflects normal movement through the Facility;
 - (B) labelling anticipates a person attempting to follow numbering along corridors in sequence;

- (C) blocks of numbers are periodically skipped to allow for future expansion of the numbering system if rooms are added through renovations;
 - (D) each room and space requires a unique number for service reasons. It is important that room numbers be determined early in Design and maintained following occupancy. Follow the same numbering system on Design and Construction documentation for all disciplines (architectural, mechanical, electrical, etc.);
 - (E) in addition to each room, any space such as a patient cubicle, alcove, or recess of significant size must be numbered as a room. This identifies spaces for labelling of fire alarm, electrical, and data outlets and for ongoing maintenance purposes;
 - (F) the building(s) identification letters are followed by three or four digits, beginning with the first digit: 0 for basement rooms, 1 for ground floor, 2 for second floor, etc. on up the building floors. Four digits may be required in a large building due to the number of rooms on the floor, and if this is the case, the four digits will extend to all floors;
 - (G) if a room is only accessed from within another room, for example a large closet, the closet room number will be the room number in which it is located followed by a small letter a, b, c, etc. depending on the number of additional rooms that exist within the room;
 - (H) stair numbering will follow the sequence: building name first, then 1, 2, 3, 4 depending on the number of stairs (for example STHA1, STHA2, and STHA3);
 - (I) corridor numbering will follow the sequence: building name first, then two numbers. The first number identifies the floor, the second number identifies the corridor. For example, STHA 02, STHA 12, STHA 22, and STHA 32; and
 - (J) elevators will follow the sequence: Elevator 1, Elevator 2, and Elevator 3.
- (6) Donor Walls
- (A) Project Co will provide a space located in proximity to the main visitor entrance(s) of the Facility where the Authority may construct a feature to recognize donors, and other supporters of the Facility.
 - (B) Donor wall signage must be incorporated in the Facility lobby. The design will allow for changes to donors and additional donors to be added in an economical and convenient way.
- (7) See Section 4.2(e) for site wayfinding and exterior signage.

5.6 Commercial Opportunity

- (a) Project Co. may consider the provision of a commercial opportunity:
 - (1) At a convenient location by the main public entry area, to optimize staff and public access.

- (2) With services that are appropriate for a typical commercial retail food opportunity space of the size specified, including electrical and power, natural gas, low voltage communications, fire alarm, paging, phone, hot and cold water, sanitary drainage and grease trap and mechanical HVAC for the fit out to conveniently connect.
- (3) Provide for separate metering of electrical, natural gas and hot and cold water services.
- (4) Provide for appropriately sized ventilation, make-up air and exhausting that will include exhaust hoods for two deep style fryers for convenient venting from this commercial space to the roof.
- (5) Any commercial space provided must compliment healthcare objectives.

5.7 Structural Design

(a) Overview

- (1) The fundamental principle for the Facility is that the new Construction, including new parking structures, and any portion thereof be designed and constructed to sustain all live, dead, seismic and wind loads and other environmental effects in accordance with the accepted engineering practices and standards as prescribed in this Schedule.
- (b) Design the Facility, including all renovations, additions, expansions and standalone building(s), in accordance with the structural design standards set out below:
 - (1) Building structures will comply with the latest requirements of:
 - (A) the NBC with modifications and additions;
 - (B) the Alberta Infrastructure Technical Design Requirements for Health Care Facilities (The Blue Book), with GNWT modifications;
 - (C) the Good Building Practices for Northern Facilities Third Edition; and
 - (D) the Canadian Standards Association Z8000 and Z317.
 - (2) Reference the following to note the existing conditions:
 - (A) the Stanton Yellowknife Health Care structural drawings dated April 1985 created by Duthie, Newby, Weber and Associates Ltd. and all drawings noting renovations; and
 - (B) the Geotechnical Report provided by the Authority.

- (3) The Facility, new Construction, parking structures, and any portion thereof will conform to the requirements for the importance categories specified below. Project Co is to ensure that the post disaster requirements as per the NBC are met.

Table 1: Required Importance Category

Importance Category	Structure
Post Disaster	All new structures, including but not limited to:
	New Construction and Renovation (integral to the Facility, see Section 5.7(b)(3)(D))
	Support Services Building
	Parkade (integral to the Facility)
Normal	Existing Hospital (per the original design documents, see Section 5.7(b)(2)(A))
	Parkade (stand-alone)

- (A) Design requirements and design loads must be evaluated relative to the expected function of the specific structural element(s). Design requirements and loads contained in the NBC, as per the original design, and in this Schedule 3, will be increased where to required, to suit any specialized conditions.
- (B) Ensure all modifications to the existing structure, if any, do not compromise and that the impact to the existing structure is minimal. All applicable structural elements to be designed to the NBC with modifications and additions.
- (C) The structural systems and lateral stability of the Existing Hospital should not be compromised due to renovations, additions, or expansions, if any.
- (D) Any structural modifications to the original structure, if any, must conform to Post-Disaster Importance Category as required by the authority having jurisdiction and the Authority.
- (4) Ensure structure can support fall arrest and window washing equipment as required by the Authority.
- (c) Sustainable Design, Constructability, Life Cycle and Durability Design Principles
- (1) The Facility will meet or exceed the requirements of CSA S478 “Guideline on Durability of Buildings” for a Long Life Category Design Service Life (50 to 99 Years). This includes all primary structure and all secondary structure supporting cladding systems.

- (2) Design of the Facility structure and structural components to minimize effects of corrosion and deterioration due to environmental and use in accordance with the following:
 - (A) provide adequate concrete crack control joints, expansion/contraction joints and caulk exposed joints;
 - (B) provide concrete mixes proportioned to CSA A23-1/A23-2 durability requirements for exposure class;
 - (C) reinforce concrete for crack control and repair exposed cracks;
 - (D) chamfer corners of exposed concrete where possible;
 - (E) hot dip galvanize exterior exposed steel;
 - (F) provide embedded steel protection angles and skid plates for loading docks and garbage compactors and other corrosive environments;
 - (G) ensure existing structural elements do not show signs of deterioration or corrosion and repair as required and
 - (H) seal and/or use pressure treated wood products when in direct contact with concrete, masonry, exposed conditions.
 - (3) Where reasonably practicable and subject always to Section 5.7(c)(4) below, use locally sourced, sustainably harvested, and high recycled content materials.
 - (4) Ensure Design can be constructed in a cost effective manner in a remote and Northern environment.
 - (5) During preparation of the Lands and Construction, Project Co's structural engineer shall provide site reviews and oversee appropriate testing (by Project Co) to confirm that the general intent of the foundation, site preparation, and structural design are in general conformance with the contract documents.
- (d) Flexibility for Future Change Design Principles
- (1) Design the Facility to readily accommodate renovations for changes in occupant use, technology, equipment, medical techniques, communication and building services.
 - (2) Design the superstructure using a framing system that results in a minimum total thickness of floor or roof structure for the particular column/wall grid and provides maximum ceiling space flexibility for the placement of mechanical, electrical and medical services.
 - (3) If a multi-storey building addition is to be built, the new floor elevations should match the existing structure floor elevations and the thickness of the floor should allow for minimal disruption to mechanical and electrical systems. Any difference in elevation at the floors should have minimal impact on the structure and provide a smooth transition in staff, patient and public spaces.
 - (4) Place the lateral-load resisting elements in areas which are least likely to interfere with future program changes.

- (5) Accommodate the need for future access, and installation and removal of equipment.
 - (6) Design new slabs and walls to accommodate coring requirements due to future program changes, especially adjacent to the columns.
 - (7) Design new slab openings to accommodate future infills.
 - (8) Ensure structural provisions are included for the future MRI including, but not limited to, the design load and limitations for ferrous / non-ferrous materials, within the future MRI location and along expected entry route for installation of the future MRI as required. The expected route for future installation shall be defined on the floor plans.
 - (9) Gerber systems shall not be used for floors and roofs.
 - (10) Joists shall not be used for floors but are acceptable for use in roofs.
- (e) Building Type for New Construction
- (1) Structural building materials may either be combustible or non-combustible provided the applicable fire codes are met.
 - (2) Ensure column-free spaces are accommodated as required.
- (f) Substructure
- (1) All permanent structures will be founded on frost protected foundations
 - (2) The substructure must be designed to support vertical and horizontal loads imposed by the superstructure above, to conform to the recommendations stated in the Geotechnical Report and to meet the serviceability and strength requirements in the NBC.
 - (3) Foundations must be designed to limit settlement of the structure and differential settlement between components of the structure to within acceptable structural design limitations, but not exceed those specified in the Geotechnical Report.
 - (4) During Construction and while in use, the existing foundations must be protected against damage.
 - (5) Substructure design to conform to the Geotechnical Report provided by the Authority.
- (g) Coordination
- (1) The Existing Hospital, new Construction, parking structures and modifications to the Existing Hospital and any portion thereof must be coordinated with the architectural finishes to have adequate thickness, cover and reinforcing to satisfy the fire protection and durability requirements.
 - (2) All structural members must be coordinated with other disciplines to avoid utility interferences and to ensure adequate architectural headroom and clearances.

- (3) Coordinate structure with equipment and cast-in hardware. Provide adequate depth of slab depressions to avoid the need for ramps.

(h) Design Loads

- (1) Design new building(s) for the actual live loads anticipated and comply with the minimum live load requirements of the NBC or the minimum live loads listed below, whichever is greater:

Table 2: Minimum Specified Design Loads for New Construction

Use	Minimum Uniformly Distributed Load	Minimum Concentrated Load
Main Floor Live Load	4.8 kPa	9 kN
Above Main Floor Live Load	3.6 kPa	9 kN
Mechanical Room Live Load	7.2 kPa	9 kN
X-Ray Record Storage (if relocated)	14.0 kPa	9 kN
Health Records	7.2 kPa	~
Bariatric Patient Lifts	~	6 kN
Uplift on Roof Structure Due to Wind	1.0 kPa	~

- (2) Project Co is to ensure Existing Hospital loads are maintained. Refer to Existing Hospital structural drawings.
- (3) Design the structure for the anticipated concentrated loads (point loads) from equipment, fixtures, and machinery, whether floor, wall or ceiling-mounted.
- (4) Design the Facility for the actual superimposed dead loads and to comply with the minimum superimposed dead load requirements in the NBC.
- (5) Design roofs for the minimum snow, rain and wind loads required by the NBC, IPCC, and local building by-laws. Notwithstanding other requirements, the minimum live load for the design of roofs is to be 1.0 kPa in addition to uniformly superimposed dead load and concentrated loads due to machinery, equipment and features.
- (6) Modify existing structure accordingly if additional loads are imposed on it due to new Construction (i.e.: snow drift, etc.).

(i) Deflection Limitations

- (1) Design the structure to minimize the effects of deflection and long-term creep and shrinkage.

- (2) Design the structure to meet the maximum deflection requirements (as described in the CSA S16.1 "Limit State Design of Steel Structures" and CSA A23.3 "Design of Concrete Structures").
 - (3) In addition to the above design deflection limits, the structure must conform to specific deflection requirements for specialty equipment, as recommended by the supplier or manufacturer and the Authority.
 - (4) Notwithstanding the above deflection limits, the deformations of the structure under service loads must be compatible with the architectural finishes and cladding systems.
 - (5) Design the structure to conform to deflection and storey drift limitations noted in the NBC.
 - (6) Provide adequate deflection tracks for non-load bearing walls and other non-structural elements.
- (j) Vibration Limitations
- (1) Design the structural system to minimize the effects of floor vibration due to use, occupancy, and equipment. Vibration will be limited to acceptable levels for the use and occupancy of the floors.
 - (2) Floor system vibration characteristics will comply with Commentary D of the User's Guide – NBC.
 - (3) Floor structural system will be selected and designed to have a vibration acceleration maximum limit of 0.5%g with a damping ratio of 0.02 when and excitation force of 0.29 kN is applied.
 - (4) Machinery that could be a source of vibration will be mounted using vibration isolation techniques.
 - (5) Consult with the Authority about the locations of sensitive program space, equipment, and design the structure to support the equipment per the equipment specifications.
 - (A) In areas supporting sensitive equipment and occupancies, design the structure for the vibration limitations specified by the manufacturer of the specified equipment or required by the planned use and occupancy of the floor space and in-situ measurement verification of floor vibration characteristics is to be carried out where specified by the equipment manufacturer.

- (B) To verify compliance with the vibration requirements, an independent testing firm may be retained by the Authority. The testing firm will measure the vibration using instrumentation which may include transducers, accelerometers, signal-conditioning equipment, data recorders, and analysis systems. Measured vibration performance characteristics for the structure must meet the requirements set out in these specifications. The following table indicates acceptable vibration levels for various typical medical and non-medical Facility spaces:

Table 3: Acceptable Vibration Levels

Occupancy or Equipment Requirements	Vibrational Velocity (1)		Floor Stiffness KFn (2)
	µin/s	µm/s	Kips/in-sec
Mechanical rooms on an unoccupied floor above or below an occupied floor	4000	100	Not Applicable
Office areas, waiting rooms and corridors	8000	200	250-1500
Mechanical rooms on the same floor as an occupied area	1200	30	Not Applicable
Computer areas; patient care areas (daytime) – threshold of human perception	8000	200	500-3000
Operating rooms and critical work areas; bench microscopes up to 100x magnification	4000	100	1000-6000
Bench microscopes up to 400x magnification, optical and other precision balances; optical comparators	2000	50	2000-12000
Microsurgery, eye surgery; bench microscopes at magnification greater than 400x; optical equipment on isolation tables	1000	25	4000-25000
Magnetic resonance imagers	500	12	8000-50000
Mass spectrometers	250	6	16000-100000

(1) Value of constant velocity regions measured in one-third octave bands of frequency range 8 to 100 Hz. Based on ASHRAE, AISC and ISO Criteria.

(2) KFn depends on walker weight and gait. Ranges indicated reflect average to conservative designs. Average walker (150lbs, 75 steps/min). Conservative walker (185lbs, 100 steps/min).

- (k) Exposed Finished Concrete
 - (1) Prior to Construction, identify the various surfaces intended to have exposed concrete and clarify the proposed finish for each in the relevant Submittal.
- (l) Medical Equipment Supports
 - (1) Design and provide for support/anchorage of all supplied equipment and patient lifts. Medical equipment and patient lifts to be supported, anchored, and braced to resist gravity, operational, and seismic loads in a manner appropriate for the functional and service requirements for the specific equipment.
 - (2) Performance Criteria
 - (A) Where practical, design the supports for ceiling-mounted equipment, such as radiology gantries, to be universal so that the supports may be used for various types of equipment.
 - (B) Drilled insert-type anchors for medical equipment supports and anchorage are to be rated by the insert manufacturer for seismic and cyclic loading applications.
- (m) Parking Structures
 - (1) Project Co is to ensure parking structures conforms to CSA S413-07 "Parking Structures".
 - (2) All parking decks to be protected by a membrane meeting the requirements of CSA S413-07.
 - (3) Project Co is to provide quality control procedures conforming to applicable codes and standards.
 - (4) Project Co is to undertake all maintenance procedures outlined in applicable codes and standards.
 - (5) Project Co is to provide documentation confirming that all responsibilities given in the applicable codes and standards have been met.
 - (6) The structural design will take into consideration all issues presented in the applicable codes and standards.

5.8 Mechanical Systems Design

- (a) General - Project Co will provide mechanical systems that:
 - (1) are designed to all applicable codes and standards as listed in Section 2.1 Standards of this Schedule;
 - (2) are designed to provide a sustainable, energy efficient, healing, comfortable and productive environment for the Facility Users and meet the required environmental conditions for all equipment;

- (3) are located and designed to meet the requirements set out in the Alberta Blue Book (with GNWT revisions) from outdoor spaces / places of respite intended for staff / patient use; and from adjacent properties surrounding the Existing Hospital Lands;
- (4) minimize impact on the natural and physical environment, through energy efficiency, optimization of resource use, and simplification of the systems;
- (5) are configured and located in such a way to minimize disruption to clinical areas to perform maintenance and repairs;
- (6) are developed to provide reliability of continual operation. Adequate standby capacity and redundancy will be included in system design;
- (7) are vibration isolated to minimize noise and vibration through the structure or other components of the Facility;
- (8) incorporate flexibility and adaptability for future expansion without major disruption or alteration to the Facility operations or infrastructure. All systems will be designed and sized to suit the consumption and discharge needs of the Facility at peak operational requirements (including all retail occupancies filled), plus:
 - (A) the ability to increase the flow or capacity as follows:
 - (i) main distribution piping (domestic hot, cold and recirculation; sanitary; medical gases; hot water supply and return; chilled water/glycol supply and return) and ducting (supply, return and exhaust);
 - (ii) piping and ducting (mechanical rooms, shafts and corridors) serving Type I areas will accommodate an increase of at least 30% for future demand. Refer to CSA Z317.2 (Table 1) for area classifications; and
 - (iii) piping and ducting systems in main service lines (mechanical rooms, shafts and corridors) serving all areas not listed above will accommodate an increase of at least 10% for future demand.
 - (B) branch piping and ducting will be sized to meet the requirements of current demand except for piping/ducting expected to serve future MRI installation as per Section 4.1(c);
 - (C) air handling equipment, exhaust fans, and pumps will be sized for 10% additional capacity;
 - (D) designing the mechanical plant to allow for expansions of the heating plant, chilled water plant, and associated plumbing, piping, and equipment, for convenient expansion of the Facility per Section 4.1(c);

- (E) the design of piping, ductwork, heating/cooling coils, and air filters will meet the following minimum parameters:
 - (i) pipes will be sized within the ASHRAE Fundamentals (latest edition) upper and lower limits for fluid velocities and pressure drop;
 - (ii) hydronic velocity – maximum velocity based on pipe manufacturer’s recommendations;
 - (iii) supply and return ductwork will be sized within the ASHRAE Fundamentals (latest edition) upper and lower limits for duct air velocities and pressure drop. Duct velocity will be limited to achieve and acoustical design criteria of RC (N) 35 while not exceeding 15m/s;
 - (iv) heating/cooling coil face velocity – maximum velocity 2.5 m/s; and
 - (v) air filter face velocity – maximum velocity 2.5 m/s.
- (9) are as similar as possible between the Facility and the Support Services Building;
- (10) such that steam, water, glycol and other fluids used within mechanical systems are treated to prevent corrosion, algae growth, build-up of deposits, disease, bacteria and will prolong the equipment life.
- (b) All mechanical services installed within electrical, communication and UPS rooms will maintain a minimum clear height of 2000 mm above finished floor. Do not install any equipment requiring a water connection in the ceiling of these spaces. Do not route plumbing or hydronic distribution piping in the ceiling of these spaces. Avoid running plumbing drain pipes in the ceilings of these spaces wherever possible, and provide drain pans under all drainage piping that is located in the ceiling space.
- (c) Pipes, ducts and fittings will be insulated to conserve energy, prevent condensation, attenuate noise and prevent accidental burns.
- (d) Coordinate with the electrical specification for all mechanical systems that must maintain operation during an expected or unexpected shut down of the Facility electrical service. Where mechanical equipment and devices are required to be served by emergency power, provide UPS, vital, delayed vital, or conditional power as per standards in Section 7.6(e) Emergency Power.
- (e) Coordinate all mechanical systems with requirements of all equipment, whether supplied by Project Co or the Authority and provide all connections required from mechanical systems. Make allowances within the mechanical systems’ designs so all equipment can be removed or replaced without disrupting the operation of other equipment connected to the mechanical systems.
- (f) For all spaces designated for tenants, design all mechanical systems so the work required to modify the systems for the tenant fit-out will not affect the operation of the main Facility systems. See Section 5.6 Commercial Opportunity.

(g) Post-Disaster Design

- (1) Design all mechanical piping, equipment, and systems seismically in accordance with the requirements for NBC post disaster buildings, except that systems serving a standalone Support Services Building need only meet NBC seismic standards as a minimum requirement. This facility is to be designated as Class A-2 HCF as per CSA Z317.02
- (2) The following is a list of additional requirements that Project Co will comply with beyond the NBC minimum:
 - (A) The heating plants for the Facility will have two sources of energy each designed for post disaster, as defined by CSA Z317.2. If fuel is stored on site, the tank will be designed to operate for a minimum of 72 hours.
 - (B) The fuel storage system will also have sufficient capacity to supply fuel oil to the emergency generators (per Section 7.6 Electrical (Division 26)) for a minimum period of 72 hours. If the heating plant and generators use the same fuel, the generators must have separate tanks per applicable regulations, including CSA Z32. The generator tanks may receive makeup from a common main storage tank.
 - (C) Each fuel storage system will be complete with a fuel polishing system to ensure the stored fuel remains clean and available for its intended use at any time. Propane vaporizers must be provided on all exterior propane storage tanks.
 - (D) Boilers and pumping equipment will have sufficient redundancy to ensure the Facility continues to be operational after an event.
 - (E) Refer to Section 7.4(d)(1)(K) regarding heating, ventilation and air conditioning systems.
 - (F) Provide connections on the exterior face of the Facility as follows:
 - (i) a water inlet connection on the exterior of the Facility to allow for supply of water from a tanker truck. This water would serve the Facility's domestic needs as well as all utility water requirements. This includes all process loads and make-up water for heating and cooling systems. This excludes landscaping irrigation systems;
 - (ii) a separate holding tank for hazardous materials with separate connections for receiving hazardous materials from the decontamination shower in the Emergency Department. Design drain line so that sewage fumes do not discharge to outdoors when not connected.
 - (iii) inlet connections for fire water system as required;
 - (iv) provide heating and cooling water connection points at the exterior of the Facility for future connection to emergency backup systems (i.e. portable boilers or chillers). Configure the system to properly utilize this equipment with no modifications;

- (v) except as otherwise set out in this Section 5.8(g), all connections will be secure terminations (valved, capped and locked) to protect from tampering and vandalism; and
 - (vi) all connections will be located in service areas away from general circulation routes, and where they can be readily accessible by service vehicles.
- (h) The “shelled space” identified in the program, and any additional **“Unallocated/Unassigned Space”** associated with the Project Co Design, is to be fitted with temporary mechanical systems to meet building code requirements including, but not limited to, sprinklers, fire extinguishers and temporary heaters. Provide base building mechanical services appropriate for future fit out as prioritized expansion to renal/dialysis, ambulatory care, and obstetrics. Provide appropriate capacity into air handling units, heating systems, cooling systems, medical gases, etc.

5.9 Electrical Systems Design

- (a) Project Co will comply with the following design principles for electrical, communications and security systems.
- (1) All electrical systems, materials and equipment will be of a type and quality intended for use in a health care facility. Configure electrical systems to meet requirements of the identified program and patient care needs in an efficient manner, with optimal utilization of space, staff and equipment resources.
 - (2) Provide electrical systems that: allow the Authority to deliver the program described in the Clinical Specifications; and provide redundancy, protection, continuity of service, serviceability of equipment; and a comfortable and safe working environment for patients, visitors, and staff.
 - (3) Implement the latest proven technologies in the design of the electrical systems and equipment.
 - (4) Integrate systems where Integration provides efficiency, operational and cost advantage.
 - (5) All electrical, communication, security, medical and life safety systems will be fully compatible with existing Authority regional based systems. Provide all Infrastructure, Interfaces, modifications, programming, testing and commissioning to local and off-site systems to ensure that there is seamless Integration with remote facilities.
 - (6) Coordinate the design of network architectures and communication, security, clinical and building systems functionality with the Authority’s representatives. Obtain approval from the Authority prior to implementation.
 - (7) All head-end/Server equipment and applications will reside on the Authority’s network equipment which resides in the Main Communications Room (MCR) or Existing Data Centre, or as directed by the Authority. Workstations will be located as required for system operator use.

- (8) Incorporate into the Design and Construction the principle that change will be a constant and inevitable fact within the Facility. Completed electrical systems will permit change while minimizing the cost of change and the amount of interruption to the regular Facility activities.
 - (9) Utilize a combination of natural light, luminaries and controls to optimize daylight.
 - (10) Provide lighting schemes that support staff activities and provide enhance safety for staff, patients and visitors.
 - (11) Design lighting with the objective of creating a comfortable working environment and an environment conducive to healing and recovery.
 - (12) Include systems and equipment coordinated to provide synergy and reliable electrical performance for the various Facility functions.
- (b) Provide devices and systems to minimize the noise and vibrations of electrical equipment / components (transformers, luminaries, cables etc.) to below an acceptable level as required in a health care facility.
- (1) Locate electrical rooms and power distribution equipment in order to minimize the distances for feeder runs, to provide easy access for equipment moves and to avoid interference with other services and equipment. Where electrical equipment is located below grade, provide adequate protection against the risk of flooding.
 - (2) Install electrical systems and equipment in a fixed and permanent manner, seismically restrained to meet post-disaster building standards in accordance with the latest version of the NBC.
 - (3) Locate electrical equipment and feeder routes to minimize the risk to service continuity resulting from fire, flood, adverse weather, seismic events, Construction activities and vandalism.
 - (4) Incorporate energy management systems to minimize demand pressures on the building systems and minimize the anticipated increase to energy costs.
 - (5) Project Co will:
 - (A) design a completely new electrical service for the complex. Most of the existing electrical service equipment will be replaced with new distribution panelboards which will be fed from the new service. The existing utility transformer shall be removed after the transition to the new service is complete;
 - (B) design and construct the entire electrical system with adequate spare capacity to accommodate an increase in electrical demand by 25%. Size the emergency power generators, main normal power transformers, feeders and 600V and 208V switchgear accordingly;

- (C) provide adequate spare physical space in the main electrical room and configure the equipment provided to facilitate all electrical equipment in the main electrical room to be easily expanded by an additional 25% without replacement, relocation or major shutdown of the existing equipment. A major shutdown is defined as a switchboard or transfer switch power outage extending beyond 4 hours, or a main transformer outage exceeding 12 hours;
 - (D) provide 25% spare capacity for switchgear and panelboards by means of spare adjustable trip circuit breakers. Exact sizing of these spare circuit breakers will be confirmed by the Authority during design;
 - (E) provide spare capacity for a future MRI in addition to the 25% spare capacity; and
 - (F) Not used.
- (6) Provide adequate physical space to facilitate the installation of new feeders which will utilize the spare electrical capacity.
 - (A) Installation of new feeders will have minimal impact on the Facility.
 - (7) Plan installation of equipment to facilitate easy access to equipment which may require inspection or maintenance.
 - (8) Provide a complete essential electrical system which meets or exceeds the requirements of CSA Z32-09 and CSA C282-09.
 - (9) Provide electrical distribution schemes which are sized and configured to achieve service continuity in the event of equipment failure. Failure of any electrical equipment or feeder will not impair Facility operation or leave any patient treatment room or area of the Facility without at least one active light and one active receptacle.
 - (10) Install electrical systems and equipment in a fixed and permanent manner, seismically restrained to meet post-disaster building standards in accordance with the latest version of the NBC.
 - (11) Size and configure equipment to permit routine testing and servicing of power generation and distribution equipment with minimal loss of service continuity. All automatic transfer switches shall have closed transitions.
 - (12) Coordinate the electrical and systems design with other disciplines to support the service continuity and redundancy requirements for mechanical and building systems.
 - (13) Design and construct all systems with protection, grounding, isolation and control to address the functional requirements where they are located.
 - (14) Power throughout the Facility will comprise of a combination of 347/600V and 120/208V for all power, lighting and equipment loads.

- (15) Provide capacity in distribution equipment to serve any **“Unallocated/Unassigned Space”** or “shelled space” in the Facility. Allow 40watts/sq.m for lights and receptacles in these spaces with 50% of load on emergency power. Indicate on floor plans all assumed locations of future Vital and Conditional 120/208 volt panelboards that will serve these spaces. Indicate future panelboards such that no point in these spaces is more than 15 metres away to a Vital panelboard. Provide electrical services with sufficient panelboard and breaker capacity to serve these spaces. Indicate on drawings all provisions allowed for these spaces, including the transformers from which panels will be fed. Fire alarm system and egress lighting shall be installed in these spaces, along with one non-incandescent general lighting fixture equivalent to two T8 fluorescent lamps and one general purpose convenience receptacle for every 36 square meters of floor space or fraction thereof.

5.10 Food Services

- (a) Project Co will design and construct the Facility, including with sufficient space, equipment and infrastructure, to accommodate the food services described in the Clinical Specifications and in compliance with Appendix 2D [Equipment and Furniture] and the Equipment List.

6. FACILITY CONSTRUCTION SUBGROUP SPECIFICATIONS

6.1 NOT USED (Procurement and Contracting Requirements Division 00 & General Requirements Division 01 not part of Facility Construction Subgroup)

6.2 Existing Conditions (Division 02)

- (a) Refer to Schedule 2 [Design and Construction Protocols] regarding available site reports. An “Environmental Site Assessment (ESA) Phase 1” and a “Hazardous Materials Report” of the Existing Hospital and Existing Hospital Lands have been completed and the respective reports are available to Project Co. Project Co is responsible for all Hazardous Substances in, on or below the Existing Hospital Lands that were disclosed in or reasonably inferable from Disclosed Data disclosed prior to the Financial Submission Date. Project Co must address any such Hazardous Substances in accordance with all applicable Laws.
- (b) Refer to Schedule 2 [Design and Construction Protocols] regarding responsibilities and procedures for decommissioning of medical equipment (by the Authority) and building salvage material (by Project Co). Demolished building materials unfit for reuse, and not applicable to the clauses in Schedule 2, shall become Project Co’s property and shall be removed from the Lands. Selling, burning or burying materials on the Lands is not permitted.
- (c) Refer to Schedule 2 [Design and Construction Protocols] regarding responsibilities and procedures for “Survey and Monitoring” and “Control of Vibration”. Locations of spot elevations for “Survey and Monitoring” will be determined on the Lands, in consultation with the Authority, and must remain accessible at all times.

- (d) Extent of demolition of the Existing Hospital is as per Appendix 3F [Demolition and Related Work]. Demolition shall be in accordance with CSA S350 and NFPA 241. Demolition shall be performed by an experienced firm specialized in demolition work similar in material and extent of this Project. Project Co is not permitted to entirely demolish the Existing Hospital, and may demolish only to the extent that is required to facilitate renovations and additions included in their Design and as approved by the Authority.
- (e) Design temporary support structures required for demolition work and underpinning and other foundation supports necessary for the Project using a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.
- (f) Maintain fire-protection facilities in service during demolition operations.

6.3 Concrete (Division 03)

- (a) Overriding Principles
 - (1) Design and construct cast in place, precast concrete, concrete block, core fills, grout, cementitious materials and formwork of appropriate properties for the intended use in accordance with the requirements of all applicable codes and specifications.
 - (2) Design for the applicable concrete exposure class and provide high sulphate resistant performance where applicable.
 - (3) Maximize the fly ash content of the mix.
 - (4) Use wood formwork for cast in place concrete.
 - (5) Aggregates are not to react with alkalis in the cement to an extent that results in excessive expansion of cast in place, precast concrete, concrete block, core fills, grout and cementitious materials.
 - (6) Cast in place, precast concrete, concrete block, core fills, grout, cementitious materials and formwork: designed and certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.
- (b) Quality Requirements
 - (1) Certified testing firm to test all cast in place, precast concrete, concrete block, core fills, grout and cementitious materials in accordance with the applicable codes and standards.
- (c) Performance Criteria
 - (1) Finish concrete floors with a smooth, dense, steel trowel finish with a Class F2 Flatness Classification in accordance with CSA A23.1/A23.2, except where more strict requirements are needed to suit the proposed occupancy or equipment that will be located in the space. Overlay toppings to level floors will not be used.
 - (2) Repair cracks and defective concrete in concrete structure to suit the required finish and long-term serviceability requirements of the structure.

- (3) Water proof all foundation walls for below-grade occupied spaces and crawl spaces to prevent groundwater ingress, including any below-grade structured parking. A perimeter draining system will be installed around the exterior of earth-retained foundations as per the geotechnical recommendations.
- (4) Exposed architectural concrete will comply with CSA A23.1/A23.2-09 to minimize honey combing or patching.
- (5) All concrete exposed in areas used by staff, patients or public will be architectural concrete.
- (6) Chamfer all corners on exposed concrete.
- (7) Provide vapour barrier under slabs-on-grade in the form of continuous, cross-linked, minimum 10 mil polyethylene sheet in accordance with the floor system and Geotechnical Report.
- (8) See Section 6.5(b)(4) for concrete topping on metal deck requirements.
- (9) Provide weeping tile as required to ensure proper drainage of the sub surface foundations and walls in accordance with the Geotechnical Report.
- (10) Use hot or cold weather cast in place, core fills, grout and cementitious materials placing and mixing methods when required.
- (11) Ensure parking structures utilize coated rebar and/or proper concrete cover and/or traffic membrane as per CSA S413-07 (R2012).
- (12) Conform to appropriate deflection criteria as per CSA A23.3-04 (R2010) "Design of Concrete Structures."
- (13) Ensure placement of expansion and contraction joints and sawcut under control joints where required.
- (14) Sealed concrete: Liquid applied floor hardener materials (concrete densifier): Water based, sodium silicate type, chemically reactive, permanent treatment, penetrating sealer and hardener, designated as CS (concrete, sealed); non-toxic, non-flammable, surface densification and anti-dusting treatment having less than 0 g/L VOC.
- (15) Provide reinforcement for all concrete and ensure proper crack control parameters are considered.
- (16) All concrete reinforcing to be adequately chaired, supported and spaced.

6.4 **Masonry (Division 04)**

(a) Basic Requirements

- (1) Masonry construction may be considered for exterior walls and walls systems where permanence of finishes, both visually and functionally, and ease of maintenance are primary considerations in the exterior fabric of the Facility.

- (2) Masonry construction may be considered for interior walls and wall systems when priorities include permanence and maintenance, sound transmission control, fire resistance and separation requirements and security.
 - (3) Design and construct loadbearing and non-loadbearing masonry of appropriate properties for the intended use in accordance with the requirements of all applicable codes and specifications.
 - (4) All masonry: designed and certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.
- (b) Quality Requirements
- (1) Certified testing firm to test all loadbearing masonry materials in accordance with the applicable codes and standards.
- (c) Concrete Masonry Units
- (1) Use hot or cold weather masonry placing and mixing methods when required.
 - (2) Concrete unit masonry may be considered for both independent exterior walls and in exterior wall systems as a structural backing to other finish materials or systems.
 - (3) Concrete unit masonry for interior applications may be considered as an integrally finished material, as a base for applied finish and as a structural backing to other finish systems.
 - (4) Unpainted concrete unit masonry will not be used as an exposed finish in clinical or public areas.
 - (5) Where concrete unit masonry is used as the exposed finish, all exposed corners will have rounded or chamfered corners.
 - (6) In special areas such as Mental Health / Psychiatry, construct the wall as required by Ministry of Health Standards for Hospital-Based Psychiatric Emergency Services: Observation Units.
 - (7) Masonry design and construction will comply with Canadian Masonry Contractors Association (CMCA) Masonry Practices Manual and all applicable standards.
- (d) Brick Masonry
- (1) Exterior wall systems comprising brick masonry as a finish veneer to concrete, concrete masonry or metal framing will be a rain-screen or cavity wall system.
 - (2) Brick masonry below grade for exterior applications is not permitted.
 - (3) Brick masonry in interior applications is to have integral finish and construction compatible with the Authority's infection prevention and control requirements.
- (e) Stone Masonry

- (1) Stone masonry may be considered as a finish veneer to concrete walls or concrete masonry walls. Exterior wall systems in such applications will be a rain screen or cavity wall system.
- (2) Stone will be sound, hard and durable, well-seasoned and of uniform strength, colour and texture, and free of quarry sap, flaws, seams, sand holes, iron pyrites or other mineral or organic defects.

6.5 Metals (Division 05)

(a) Basic Requirements

- (1) Structural steel, steel deck, and cold-formed steel stud design and construction may be considered for building elements and systems, where appropriate.
- (2) Structural components: designed and certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.

(b) Performance Criteria

- (1) Design structural steel, steel deck, and cold-formed steel stud systems to comply with the deflection and vibration criteria outlined in Section 5.7 (Structural Design).
- (2) Erection tolerances for steel construction will be in accordance with all applicable CSA standards.
- (3) For steel floor and roof construction, the deflection of steel beams, joists, and girders due to the wet weight of concrete topping slabs is to be considered. Topping slab thickness may have to vary to maintain floor levelness tolerances. The additional concrete ponding weight is to be considered in the design of the structure.
- (4) Concrete topping slabs will be finished with a smooth, dense, steel trowel finish in accordance with Section 6.3(c)(1). Design and construct concrete topping slabs on steel deck to control cracking and avoid random surface shrinkage cracking and radial cracking around re-entrant corners. Implement concrete construction and curing procedures to minimize cracking for concrete topping slabs on metal deck.
- (5) Steel floor / roof decking is to be wide rib profile for ease of attachment of current and future services, equipment, and fixtures using drilled insert expansion anchors into the bottom of the deck ribs.
- (6) Assembly of steel floor / roof decking plus the concrete topping slab thickness is to satisfy the requirements of a ULC-rated assembly meeting the NBC fire rating requirements. Spray on or applied fireproofing material is not to be used to achieve required assembly fire rating. Vertical and horizontal fire-resistance rated separations are to achieve their fire-resistance rating through the members of the separation construction assembly itself.
- (7) Apply fireproofing assembly to exposed structural steel floor or roof framing and supporting members to meet fire rating requirements. Building elements (structural and non-structural) susceptible to fire and subsequent damage are not

to be exposed and are to be protected within a respective fire-resistance rated construction assembly as required.

- (c) Structural Steel, Open Web Steel Joists (OWSJ) and Metal Deck
 - (1) Overriding Principles
 - (A) Design and construct structural steel, OWSJ, and metal deck of appropriate properties for the intended use in accordance with the requirements of all applicable codes and specifications.
 - (B) All structural steel, OWSJ, and metal deck to be designed by a qualified and experienced professional engineer registered to practice in the Northwest Territories.
 - (C) The design and inspection of steel fabrication, erection, connections and other components to be in accordance with NAPEG “Engineering and Geoscience Professions Act of the Northwest Territories”.
 - (2) Quality Requirements
 - (A) The organization undertaken to weld structural steel, OWSJ, and metal deck is to be fully approved by the Canadian Welding Bureau under the requirements of CSA-W47.1, Division 1 or 2 only. Division 3 qualification is not sufficient.
 - (B) The organization undertaken to perform weld inspections, materials and workmanship of structural steel, OWSJ, and metal deck is to be fully approved by the Canadian Welding Bureau under the requirements of CSA-W178.
 - (C) Material quality including sourcing and welding quality will be monitored by an independent testing agency.
 - (D) The specification for preparation and painting of structural steel components will conform to the Master Painters Institute (MPI) standards.
 - (3) Performance Criteria
 - (A) Design of OWSJ’s to include all bridging as required.
 - (B) Anchor bolts to conform to ASTM F1554.
 - (C) Ensure metal deck is Grade A with a minimum zinc coating designation of ZF075 as per ASTM A653/653M or galvanized as required for metal deck exposed to a humid environment.
 - (D) Use acoustical roof deck with acoustical insulation where required for sound absorption.
 - (E) Ensure galvanizing with zinc coating is as per CSA G164 or ASTM A792/A792M-08.

- (F) Clean all interior structural steel not to be finish painted and not exposed to industrial, corrosive or humid conditions by wire brushing and removing all rust, dirt, mill scale, weld splatter and all other extraneous material in accordance with SSPC specifications SP2 or SP7 before applying one-coat paint to all surfaces except those to be in contact with concrete.
 - (G) Clean all exterior structural steel that is to be finish painted and not exposed to industrial, corrosive or continually wet conditions by commercial blast in accordance with SSPC specifications SP3 or SP6 to ensure base steel is thoroughly cleaned of all rust, dirt, mill scale, weld splatter and all extraneous material followed by solvent cleaning before applying primer.
 - (H) Clean all exterior structural steel that is to be finish painted and not exposed to industrial, corrosive or continuously wet conditions by white blast in accordance with SSPC specifications SP5 or SP10 to ensure base steel is thoroughly cleaned of all rust, dirt, mill scale, weld splatter and all other extraneous material followed by solvent cleaning before applying primer.
 - (I) Clean all structural steel surfaces of all material which cannot be cleaned by chemical methods. Use necessary blast methods in accordance with SSPC specifications to ensure base steel is thoroughly cleaned.
- (d) Load Bearing Steel Studs
- (1) Overriding Principles
 - (A) Load bearing steel studs may be considered as a component of the exterior wall systems to support exterior wall finishes and form an integral part of the perimeter envelope.
 - (B) Load bearing steel studs may be part of the structural framing or may be independent of the principal structural system.
 - (2) Quality Requirements
 - (A) Design, detail and construct load bearing steel stud design and construction to comply with all applicable CSA standards.
 - (B) The steel stud manufacturer will be certified in accordance with CSSBI Standard 30M-06 and all applicable CSA standards.
 - (C) The steel stud fabricator and erector will be experienced in the type of work undertaken.
 - (D) Conform to the Association of Wall and Ceiling Contractor's Specification Standards Manual (AWCC).
 - (3) Performance Criteria
 - (A) Limit maximum deflection under specified wind loads to L/360 (L/720 for masonry veneers), unless a smaller maximum deflection is specifically required due to wall finishes.

- (B) Load bearing and non-load bearing steel studs to conform to deflection limits specified in the NBC or above noted, whichever is more stringent.
 - (C) Design components to accommodate erection tolerances of the structure.
 - (D) Design wind bearing stud end connections to accommodate floor/roof deflections and to ensure that studs are not loaded axially.
 - (E) Design steel studs to take into account the anchorage of other materials being supported including but not limited to: sub-girts supporting metal cladding and composite panels, soffit finishes and the provision of lateral support at window heads.
- (e) Steel Stairs and Ladders:
- (1) Stairs: designed and certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.
 - (2) Use only materials that are new, free from defects that would impair the strength, durability or appearance, and of the best commercial quality for the purposes specified. Steel shall be free from pitting, seam marks, roller marks, and other imperfections where exposed to view on finished units. Do not use steel sheet with variations in flatness exceeding those permitted by referenced standards for stretcher-levelled sheet.
 - (3) Carbon steel: Rolled steel sections and plate: In accordance with CSA G40.20/G40.21, Grade 300W; Hollow structural sections (HSS): In accordance with CSA G40.20/G40.21, Grade 350W, Class C; Reinforcing bars: In accordance with CAN3 G30.18, Grade 400W; Structural pipe: In accordance with ASTM A53, structural grade, untested pipe is acceptable for structural and architectural applications. Structural tubing: In accordance with ASTM A500, round shaped.
 - (4) Concrete materials: Normal weight, ready mixed concrete conforming to CSA A3000, and having minimum 20 MPa compressive strength at 28 days. Welded wire fabric: Minimum 150 x 150 MW9.1/9.1 conforming to ASTM A185.
 - (5) Floor plate: Steel safety plate meeting ASTM A786, 5 mm thickness, checkered pattern 45° to edge of steel plate, raised 28 mm x 8 mm elongated pips at 90° to each other, 22 mm offset x 45 mm on centre.
 - (6) Handrails and wall brackets: Tubular steel, 38 mm Ø pipe rail with rod and mounting flange.
 - (7) Non-slip rung finishes: Coat top of each rung with abrasive material metallurgically bonded to rung by a proprietary process.
 - (8) Fixed ladder extension safety post: Adjustable spring balanced safety post with adjustable mounting brackets to fit ladder-rung spacing. Ladder extension equipped with automatic self-lock when fully extended; upward and downward movement controlled by stainless steel spring balance mechanism.

- (f) Guardrails & Handrails
 - (1) Provide guardrails and handrails of minimum diameter 42 mm, required to resist design loads.
 - (2) All guardrails to be designed to their usage classification and per applicable codes.
 - (3) Provide a durable painted finish for steel guardrails.
 - (4) Provide a manufactured pre-finish for stainless steel or aluminum guardrails.
 - (5) Provide safety glass for glazed decorative railings. In exterior applications of guardrails, where a hazard exists, provide guardrails and handrails to conform to the requirements of NBC.
- (g) Guard Posts / Bollards
 - (1) Provide guard posts using extra heavy wall galvanized steel pipe. Set steel pipe bollards in concrete and fill with concrete plumb and true to line. Round off tops of concrete in pipe. Paint bollards bright yellow and affix strips of reflective tape.
 - (2) Locate guard posts at all locations, including but not limited to areas such as loading docks and material/equipment storage, where equipment such as forklifts and motorized pallet jacks may do damage to adjacent building components.

6.6 Wood, Plastics and Composites (including Millwork) (Division 06)

- (a) Wood – General
 - (1) The use of wood and plastic products is to be within the limitations of combustible content restrictions of the NBC for the specific occupancy classification of each building.
 - (2) Timber may be considered as acceptable product for building structure (e.g. Support Services Building).
 - (3) Do not use urea formaldehyde containing materials in the Facility.
 - (4) Provide rough carpentry, wood backing materials, backing boards for mechanical rooms and electrical/communication rooms, roof sheathing, copings, cant strips, finish carpentry and architectural woodwork, including but not limited to exterior fascias, cabinets, casework (excluding laboratory casework, which is included in Section 6.12 Furnishings (Division 12)), frames, paneling, ceiling battens, trim, installation of doors and hardware, and other wood-related products and applications as required for wood products exposed to view in finished interior and exterior installations.
 - (5) Use wood studs for non-load bearing framing in non-patient care areas, subject to approval from the authority having jurisdiction under the NBC. Wood studs will comply with applicable CSA standards for lumber. Wood framing design will be certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.

- (6) Provide solid polymer fabricated or stainless steel surfacing for:
 - (A) all counters that incorporate integral sinks; and
 - (B) other areas as required to create surfaces that provide antiseptic or clean characteristics, special or regular maintenance, and resistance to caustic action of chemicals or agents used by the Authority.
 - (7) Provide acrylic plastic products (or other products as approved by the Authority) as required for wall cladding, wall protection, corner protection, casework finishing, trims, ornamental elements, and other applications to achieve a quality of interior finish suitable for use by patients and staff.
 - (8) Prepare and propose to the Authority locations and types of all handrails, bumper guards, wall protection, and consult with the Authority to determine locations and types in accordance with Appendix 2B [User Consultation and Design Review].
 - (9) Non-loadbearing wood studs to conform to deflection limits established in Section 5.7(i) Deflection Limitations.
 - (10) Lumber to be grade stamped of an agency certified by the Canadian Lumber Standards Accredited Board.
 - (11) Preserved and fire treated lumber and engineered wood products to be certified by an approved treatment plant.
 - (12) Lumber and engineering wood products to be Forest Steward Council (FSC) certified. Submit listing of wood products and materials showing that they are in accordance with CSA-Z809.
 - (13) Use pressure treated wood for exterior wood in contact with soils and concrete. All exposed wood to be sealed for exposed conditions.
- (b) Structural and Engineered Wood Products
- (1) Structural timber framing, foundations, decking, sheathing and engineered wood products: designed and certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.
 - (2) The design and inspection of timber and engineered wood product fabrication, erection, connections and other components to be in accordance with NAPEG "Engineering and Geoscience Professions Act of the Northwest Territories".
 - (3) Provide blocking, squash blocks and continuous support for load bearing items.
 - (4) Ensure wood decking conforms to the NLGA Standard Grading Rules for Canadian Lumber.
 - (5) Install select grade where decking is exposed in finished structure and where specifically indicated.
 - (6) Ensure plywood, particleboard, OSB and wood based composite panels are in accordance with CSA and ANSI standards, FSC or SFI certified and urea-formaldehyde free.

- (7) Ensure structural composite lumber manufacturer plant is approved by the National Research Board for the laminated and glued veneer process.
 - (8) Ensure all structural composite lumber members supplied carry a stamp noting the name and plant number of the manufacturer, the grade, the National Research report number and quality control agency.
 - (9) Beams, headers and plates made of structural composite lumber to be laminated veneer lumber glued with waterproof adhesive under an approved process.
 - (10) Fabricate engineered wood products in an approved plant under the supervision of an approved inspection agency in accordance with the drawings, specifications and the reviewed shop drawings.
 - (11) Furnish all bracing, bridging, connectors, bearings, anchorages and framing where required.
 - (12) Ensure that all structural timber and connections will sustain any erection loadings that may occur with an adequate safety factor. All temporary bracing is to remain in place until framing is connected to the permanent lateral stability elements.
 - (13) Fabricator for trusses to show evidence of quality control program such as provided by regional wood truss associations or equivalent.
 - (14) All lumber used in the manufacture of trusses to have grade stamp clearly visible indicating conformance with NLGA.
 - (15) Ensure all structural engineered wood products supplied carry an authorized label indicating conformance with CSA-0122.
 - (16) Manufacture structural glue-laminated members in a plant certified by Canadian Standards Association Administrative Board as meeting the requirements of CSA-O177.
- (c) Wall Guards and Corner Guards, Handrails, Wall Protection, Door Edge and Door Frame Protection
- (1) Wall and Corner Guards
 - (A) Provide protection of walls and exposed wall corners at patient care areas, service areas, and other areas as required, to prevent damage due to impact from traffic such as stretchers, equipment and service vehicles.
 - (B) Select materials appropriate to the amount and degree of impact anticipated.
 - (2) Handrails
 - (A) Provide handrails in all corridors and patient care areas of an appropriate type for patient support.
 - (B) Select materials and shapes appropriate for the use, provide continuous uninterrupted supports.

- (3) Wall Protection
 - (A) Apply sheet wall protection to wall areas where the impact damage anticipated is of a larger area of wall than would be protected by bumper guards.
 - (B) Provide wood wall bumper guards in high traffic pedestrian areas.
 - (C) Provide wall splash back protection behind and surrounding hand sinks, scrub sinks and housekeeping sinks.
 - (D) Apply sheet wall protection to faces of doors where impact damage is anticipated. Use sheet wall protection that complements the installation of door edge and frame protection.
 - (E) Secure wall and corner guards to reinforcing and backing in the walls, such backing sufficient to withstand expected impact loads. Wall protection will be high impact and stain-resistant.
 - (F) Use wall protection handrails and corner guard products that are stain-resistant to pen marks, paint, and graffiti, and able to withstand commercial cleaners without fading or staining. Use products containing anti-microbial additives to retard mildew and bacterial growth.

- (4) Door Edge and Door Frame Protection
 - (A) Protect door edges and door frames in patient care areas from damage such as impact caused by the regular movement of stretchers and other wheeled vehicles.
 - (B) Protect door edges and door frames in clinical and service areas from damage such as impact caused by regular and non-regular service vehicles.
 - (C) Use bumper guards, crash rails, handrails, and corner guards that are high impact-resistant extrusion conforming to ASTM D4226 and with anti-microbial additive.

- (d) Finish Carpentry, Millwork and Architectural Woodwork
 - (1) Conform to Architectural Woodwork Manufacturer's Association of Canada (AWMAC) Quality Standards Manual for minimum "Custom Grade," and Door and Hardware Institute (DHI) standards for the design, fabrication, materials, installation, and workmanship of finish carpentry and architectural woodwork.
 - (2) For millwork and cabinets, seal all wood surfaces and edges with plastic laminate for infection control.
 - (3) Adhesives will be non-toxic, non-solvent glue to comply with AWMAC Quality Standards Manual, Canadian 'Eco-Logo' program, and CaGBC (Canada Green Building Council).
 - (4) Use marine-grade plywood substrate for countertops. Do not use fibreboard or particleboard.

6.7 Thermal and Moisture Protection (Division 07)

- (a) Thermal and Moisture Protection – General
 - (1) Design construction assemblies according to sound building envelope principles.
 - (2) Design construction assemblies to prevent the ingress of moisture or water vapour from the exterior through the building envelope and the passage of air through the building envelope from the interior spaces to the exterior and vice versa.
 - (3) Design construction assemblies to prevent the ingress of moisture through foundation walls below grade, both subject and not subject to hydrostatic pressure.
 - (4) Provide protection (such as insulation) to resist the transfer of heat through exterior walls and roofs to create comfortable, livable interior environments.
 - (5) Provide resistance to the propagation and spread of fire for exterior walls and interior walls designated as fire-resistance rated separations where appropriate.
- (b) Performance Criteria
 - (1) Dampproofing: not to be used as a means of prevention of moisture ingress.
 - (2) Waterproofing:
 - (A) Provide waterproofing to prevent moisture ingress to basement and crawlspaces below grade. This applies to structured parking, as well as other buildings.
 - (B) Use membrane waterproofing to prevent water ingress over suspended slabs and decks and associated walls over habitable spaces where water collection is anticipated.
 - (C) Use fluid-applied waterproofing for mechanical room floors.
 - (D) Provide waterproof membranes in exterior walls as part of the building envelope and integral with rain screen or cavity wall assemblies.
 - (E) Dam the floor under key mechanical equipment in the mechanical penthouse, mechanical rooms and mechanical shafts with a continuous curb and waterproofing to contain the water. Provide floor drains.
 - (3) Vapour barriers: Prevent water vapour transmission and condensation in wall assemblies, roofing assemblies, and under concrete slabs-on-grade within the Facility perimeter by means of a continuous torch-on vapour barrier membrane.
 - (4) Air barriers: Prevent air leakage caused by air pressure across the wall and roof assembly by means of air barrier assemblies. Provide air barrier assemblies that:
 - (A) limit air exfiltration and infiltration through materials of the assembly, joints in the assembly, joints in components of the wall assembly, and junctions with other building elements including the roof; and

- (B) prevent air leakage caused by air pressure across the wall and roof assembly, including interruptions to the integrity of wall and roof systems such as junctions with dissimilar constructions.

(5) Thermal Protection:

- (A) Provide rigid and semi-rigid thermal insulation as part of the building envelope to prevent the transfer of heat both from the interior to the exterior and vice versa, depending on seasonal conditions, and to resist the absorption of water.
- (B) Use thermal protection materials of a type and quality that will provide consistent environmental quality to enclosed spaces.
- (C) Use foamed plastic insulation that is CFC and HCFC free.
- (D) Minimum thermal resistance for walls required by GNWT Good Building Practice: RSI 5.6 (R31.8).
- (E) Use rigid insulation with concrete facing at exposed foundation walls.

(6) Cladding:

- (A) Design cladding to withstand all design loads and dead loads in accordance with NBC regulations, to maximum allowable deflection of 1/180th of span.
- (B) Design system to provide movement of components without causing buckling, failure of joint seals, undue stress of fasteners or other detrimental effects, when subjected to seasonal temperature ranges.
- (C) Design system to accommodate allowable structural tolerances.
- (D) Provide for positive drainage to exterior of condensation occurring within wall construction and water entering at joints in accordance with PERSIST pressure equalized rainscreen principles, which minimizes the passage of moisture past the cladding with pressure equalized compartments, intercepts any moisture that does get past the cladding with a continuous barrier, and dissipates the moisture into back to the exterior through adequate drainage. Careful consideration of cladding profiles, sills, overhangs and other vertical projections such as curtain wall mullions to reduce the amount of moisture deposited on the rainscreen cladding.
- (E) Design, assemble and secure system to building structure in a manner that will keep any stress on sealants within manufacturer's recommended tolerances.
- (F) Allowable tolerances: Maintain following erection tolerances:
 - (i) Maximum variation from plane: 10 mm in 10 m.
 - (ii) Maximum offset from true alignment between two adjacent members abutting end-to-end, in line: 0.75 mm.

(G) Cladding system and girt framing system: designed and certified by a qualified and experienced professional engineer registered to practice in the Northwest Territories and Nunavut.

(i) Cladding – Aluminum Metal Panels:

1) Formed aluminum panels: Tension levelled, aluminum sheet in accordance with ASTM B209 and ANSI H35.1 alloy designation 5052-H32 or 3003-H14; Thickness: Minimum 1.60 mm (0.063”) or thicker as required to meet design loads. Finish: Prefinished colour selected from manufacturer’s standard range using Duranar XL coatings.

(ii) Cladding – Insulated Metal Wall Panels:

1) Zinc galvanized sheet steel: Tension levelled, commercial steel (CS) designation, Type A, Grade 230 in accordance with ASTM A653 or ASTM A792 to manufacturer’s standard; Thickness: Provide sheet steel as required to meet design loads; Liner sheet: Minimum 0.46 mm; Exterior sheet: Minimum 0.61 mm; Galvanizing designation: Z275 or AZM 150 applied evenly to both sides

(iii) Cladding – Corrugated Metal:

1) Aluminum / zinc galvanized sheet steel cladding: Tension levelled, commercial steel (CS) designation, Type A, Grade 275 (40) in accordance with ASTM A792; Minimum thickness: 0.76 mm (0.030”) base metal thickness, or thicker as required to meet design loads; Galvanizing designation: AZM180 (AZ60), applied evenly to both sides; Acceptable materials: Dofasco Inc., Galvalume Plus with clear resin coating applied to both sides.

(iv) Cladding – Fibre Reinforced Cement Panels:

1) Panels: Prefinished, non-asbestos fiber-cement siding in accordance with ASTM C1186, Grade II, Type A, non-combustible in accordance with ASTM E136. Include trim and moulding in same material. Concealed fastening system.

(7) Roofing

(A) Comply with the Canadian Roofing Contractors Association latest standards and requirements for a five (5) year guarantee, as published in the CRCA manual. Perform roofing quality inspections as required by the CRCA to obtain 15 year CRCA warranty.

- (B) Comply with CRCA Roofing Specifications Manual “Acceptable Materials List,” including:
 - (i) Membrane for minimal sloped roofs – SBS modified (two-ply system); 250 torch on cap sheet, 180 base sheet, 12.7 non-combustible roof board, 2 layers type II rigid insulation (RSI 7.39/R-42), torch on air and vapour barrier, 12.7 mm fiberglass mat gypsum sheathing, structure.
 - (C) Use foamed plastic insulation that is CFC- and HCFC-free.
 - (D) Roofing systems will include:
 - (i) flashings and sheet metal;
 - (ii) thermal insulation;
 - (iii) roofing specialties and accessories required for completion;
 - (iv) interior access systems to roof areas;
 - (v) slip resistant, well-marked all weather walk ways;
 - (vi) fall protection; and
 - (vii) roof drainage, including overflow scuppers.
 - (E) Provide sheet metal flashings that divert water away from membrane flashing termination and protect the membrane from deterioration due to the exterior elements and mechanical damage. Provide flexible membrane subflashing continuously under the metal.
 - (F) Metal roofing systems, if used, will be complete with continuous waterproof membrane as part of the assembly and provide clear internal paths of drainage to allow any trapped moisture to drain to the exterior and avoid the staining of architectural finishes, forming of puddles, forming of icicles, and dripping on pedestrians.
 - (G) In designing the Facility, including any roof systems, ensure that entrance ways are protected from sliding snow and ice and that there are no accumulations of snow and ice in roof valleys.
- (8) Fire and Smoke Protection
- (A) Spray-applied cementitious fireproofing is not to be used to achieve a fire resistance rating. Vertical and horizontal fire-resistance rated separations are to achieve their fire-resistance rating through the members of the separation construction assembly itself.
 - (B) Integrate barriers into vertical and horizontal space separations to protect against the spread of fire and smoke. Building elements (structural and non-structural) susceptible to fire and subsequent damage are not to be exposed and are to be protected within a respective fire-resistance rated construction assembly as required.

- (C) Apply protection around penetrations through vertical and horizontal fire-resistance rated separations.
 - (D) Use firestopping and smoke seal systems that consist of asbestos-free materials and systems, capable of maintaining an effective barrier against flame, smoke, and gases.
 - (E) Use firestopping that:
 - (i) is compatible with substrates;
 - (ii) allows for movement caused by thermal cycles; and
 - (iii) prevents the transmission of vibrations from pipe, conduit or duct to structure and structure to pipe, conduit or duct.
 - (F) When more than one product is required for an assembly, use products that are compatible with one another and from the same manufacturer.
 - (G) Use fire stopping sealants and coatings that are silicone-based and guaranteed not to re-emulsify if subject to wetting or standing water. Do not use acrylic-based coatings and sealants.
- (9) Sealants
- (A) All sealants and sealant primers used on the interior of the Facility shall be low VOC where possible.
 - (B) Apply sealant materials to achieve:
 - (i) seals to the building envelope systems and around openings in the building envelope systems as required to prevent water ingress;
 - (ii) seals around and over cavities in or behind surface elements to allow effective infection prevention and control (note that sealant around door frames must include joints at bottom of door frames between floor finish and frames);
 - (iii) sealed joints between dissimilar or similar materials to allow a smooth or even transitions; and
 - (iv) sealed expansion or controls joints in the building envelope systems or structural systems to allow movement.
 - (C) Do not use unsealed joints in clinical areas.
 - (D) For the exterior; use sealants to completely and continuously fill joints between dissimilar and/or similar materials.
 - (E) For the interior; use sealants (at frames such as those at doors and windows), to completely fill joints between dissimilar materials using one component, acrylic emulsion, paintable type.

- (F) Use silicone caulking that is mildew-resistant and impervious to water for caulking washroom plumbing fixtures.
- (G) Use sealants with self-levelling properties for expansion and control joints in concrete floors using two-component epoxy urethane sealants.
- (H) Use non-sag sealants for exterior vertical expansion and control joints in masonry or wall cladding.
- (I) Use sealants that allow for minimum 25% movement in joint width.
- (J) In corridors and other traffic areas used by laundry carts, supply carts, material handling equipment etc., use traffic bearing type sealants suitable to support imposed load without deformation or failure.

6.8 Openings (Division 08)

(a) Basic Requirements

- (1) Except where wire glass is required in accordance with the NBC, construct interior windows, sidelights and glazing forming part of doors of tempered glass. For exterior glazing at doors and sidelights, use laminated glass.
- (2) Installation methods and locations for doors, frames and hardware to conform to the standards of the Door and Hardware Institute (DHI).
- (3) Doors
 - (A) Doors are to be sized, fabricated and installed to suit the intended function of spaces or rooms requiring acoustic or visual privacy, security, special HVAC requirements, fire-resistance rated separations or other closures.
 - (B) Size Requirements for Doors:
 - (i) Provide door openings of adequate width to suit the intended purpose of rooms on either side of the doors and allow the movement of people and equipment associated with those rooms.
 - (ii) No single door will have a width of less than 900 mm.
 - (iii) Provide double doors into rooms where large pieces of equipment will be moved in or out during the lifetime of the Facility and where such equipment cannot pass through a single 1200 mm wide opening.
 - (iv) ICU and Emergency Department room doors will be 3 panels wide sliding glass doors.
 - (v) Size door openings to accommodate movement of equipment.

- (vi) Size door openings to suit bariatric patient requirements for all patient rooms of medical / surgical units, ICU and other rooms identified in the Clinical Specifications for bariatric use. The minimum door opening size will be 1500 mm clear. Doors must have a large leaf and a small leaf. Provide a viewing window in the large door leaf, with an integral blind in the window unit, operable from both sides.
 - (vii) Provide double doors into corridors and major rooms to ease access where patients in beds or stretchers will be attended to or accompanied by a large number of medical staff and medical equipment.
 - (viii) Unless required otherwise, provide doors to patient care areas, including doors to water closets and change room cubicles with a minimum width of 900 mm.
 - (ix) Provide a minimum of 2150 mm high door or door leaf, unless specifically required for access to services or other purposes where height is restricted.
 - (x) Unless noted otherwise, interior doors serving areas requiring stretcher or bed access will be a minimum of 1220 mm wide, with swing doors (other than typical double doors) consisting of only one leaf. Paired doors in a corridor requiring stretcher access must swing in opposite directions, with the right-hand door swinging in the direction of travel.
 - (xi) Inpatient Isolation Rooms shall have a minimum of one 1500 mm wide door directly accessed off a corridor for transfer of beds and equipment.
 - (xii) Anteroom doors may be 915 mm wide, provided alternate door access to the treatment space is provided for patient and large equipment transfer.
- (C) Acoustic requirements for doors: comply with the minimum sound transmission ratings between spaces described in CSA Z8000 and Government of Alberta Infrastructure Technical Requirements for Healthcare Facilities “Blue Book”, as modified by GNWT. STC ratings of doors are to match that of the walls they are located within.
- (D) Provide patient rooms with hardware and frame that allows the doors to stay in an open position and facilitates casual observance of patients by the nursing staff.
- (E) For doors into or between major departments or activity areas through which cart, stretcher, or bed traffic is anticipated on a routine basis, provide automatic activation by an electronic device or manual push button, located to allow emergency access without the necessity to stop movement. For all other doors through which cart, stretcher, bed, or frequent patient or staff traffic is anticipated on a routine basis, provide appropriate hardware or automatic activation that allows the doors to stay in an open position.

- (F) Apply door sizes and designs consistently to rooms of similar use, location, and configuration.
- (G) Avoid doors swinging into corridors in a manner that may obstruct traffic flow or reduce the corridor width, except doors to psychiatric holding rooms or to spaces that are used infrequently and are not subject to occupancy such as small closets.
- (H) Doors may swing into patient bathrooms, provided they allow for ease of patient use, both on their own and assisted by staff. Equip such doors with appropriate hardware to allow the door to be opened out into the room in an emergency situation. Alternatively “barn type” sliding doors may be used for patient bathrooms.
- (I) Provide doors with appropriate hinges, edge protection, and face protection to minimize damage and resultant disruptive maintenance.
- (J) Finish doors and frames with a suitable finish that prevents dirt and fingerprint accumulation, and can be easily cleaned and disinfected.
- (K) Be consistent with the extent of glazing in a door, or the size and quantity of sidelights, and balance these between the nature of observation required and the privacy requirements of the occupants of the room. Where possible and appropriate, provide glazing in an adjacent sidelight rather than within the door itself.
- (L) Provide glazing in doors and sidelights in such a way that they allow patient observation and operational safety of the spaces they serve. Provide tempered glass in aluminum frame sliding doors. Sliding doors to be without floor tracks, and be provided with emergency swing breakout. Provide blinds or coverings suitable and appropriate for the level of privacy intended and required.
- (M) Provide doors and door frames with the capability to withstand the varying and high levels of humidity and impact that occur typically within a hospital and in specific rooms within a hospital, and maintain their inherent aesthetic and functional capacities.
- (N) Frames and anchors for door, sidelights, interior and exterior windows in Mental Health / Psychiatry Departments, and other areas as requested by the Authority, will be designed to withstand a heavy degree of impact while maintaining their aesthetic and functional capacities. Glazing of such components will be non- breakable and use hospital-type cut-away jambs.
- (O) In areas where security is considered paramount, including Mental Health / Psychiatry Departments and secure entrances, achieve safety and security with the appropriate location, configuration, materials, construction and detailing of doors and hardware as required by Ministry of Health Standards for Hospital-Based Psychiatric Emergency Services: Observation Units.

- (4) Not Used.
- (5) Exterior Windows
 - (A) Size, configure, and adequately construct windows to suit rooms that require daylight, views and/or natural ventilation.
 - (B) Window framing systems to be thermally-broken, designed based on principles of pressure equalized rain screen. Triple glazed, argon filled with low-e coating, fiberglass windows that meet the standards of acceptance of the GNWT.
 - (C) No operable windows (windows that may be opened and closed) are to be provided. Provide fixed windows only.
- (6) Interior Windows
 - (A) Provide 'borrowed light' through interior windows to occupied rooms that do not have exterior windows. The intent is to borrow light from areas that have windows and consequently create a more comfortable and less closed-in atmosphere.
 - (B) Provide 1000 mm wide interior windows, top of window frame to align with door frames in the same room, bottom of window frame would be at 1000 mm above finish floor level, in the following rooms:
 - (i) Intensive Care Unit/Telemetry Unit: provide a window in between adjacent inpatient (ICU) rooms, complete with integral blinds operable from either side to allow staff to see between rooms, and from the charting counters at corridor outside patient bedrooms;
 - (ii) Medical/Surgical Inpatient Rooms, Maternity, Newborn and Pediatric Inpatient Rooms, Psychiatric Inpatient Rooms: provide a viewing window from the corridor or nursing station;
 - (iii) Isolation Patient Rooms: provide a viewing window from the corridor or nursing station;
 - (iv) provide viewing windows between the Anteroom into the Isolation Patient Rooms; and
 - (v) in the Emergency Department from the Anteroom into the Decontamination Room.
 - (C) Coordinate glazing heights with adjacent wall protection, handrails, and other accessories to achieve functional and aesthetic cohesiveness.
- (b) Performance Criteria
 - (1) Hollow Metal Doors and Frames
 - (A) Materials and manufacture of hollow metal doors and frames will comply with the requirements of the Canadian Steel Door and Frame Manufacturer's Association (CSDFMA).

- (B) Provide interior metal doors in utility areas with:
 - (i) 1.5mm fully-welded hollow metal frames, except at fire separations where ULC listed hollow metal frames will be employed;
 - (ii) flush face construction; and
 - (iii) painted finish.
 - (C) Provide exterior metal doors with:
 - (i) insulated hollow metal;
 - (ii) thermally broken welded metal frames, 16-gauge (1.5mm) construction is recommended as a minimum, with 14-gauge for high traffic and high abuse areas;
 - (iii) flush face construction;
 - (iv) edge seams to correspond with door function and minimize maintenance needed; and
 - (v) prepared surfaces to receive painted finishes that resist corrosion from exposure to weather.
 - (D) Provide pressed metal frames with:
 - (i) fully welded construction;
 - (ii) thermally-broken door frames for exterior door;
 - (iii) anchors to each jamb to suit wall type and receive the frame; and
 - (iv) painted finish.
 - (E) Door Glazing
 - (i) For exterior hollow metal door glazing, use sealed units with warm edge, in thermally-broken frames to prevent heat loss.
 - (ii) For interior hollow metal door glazing, use tempered glass.
 - (F) Door hardware: combination of standard locks and electronically controlled access locks. See Appendix 3E [Door Operations Matrix].
- (2) Wood Doors
- (A) Wood doors: paint grade birch, sealed in accordance with CSA Z317.13 in patient areas. Interior glazing: tempered glass 5mm thick.

- (B) Wood doors will comply with all applicable standards, including the Quality Standards for Architectural Woodwork published by the Architectural Woodwork Manufacturer's Association of Canada (AWMAC).
- (C) Wood doors will have hardware and finishes that suit the intended function and aesthetics of the Facility.
- (D) Construct, finish, and install wood doors to minimize the requirement for maintenance and resulting disruption to Facility operations.
- (E) Provide wood doors in flush design, Architectural Grade quality (as defined in the AWMAC standards referred to above), solid particleboard core.
- (F) Provide fire-resistance rated doors with a homogeneous incombustible mineral core and AWMAC Quality Standards Option 5 blocking.
- (G) Install finish hardware securely to resist loosening over time. Fasten to solid wood backing, except where hardware is designed to be through-bolted.
- (H) Glue stiles, rails and faces to the core with Type II water-resistant adhesive to minimize de-lamination or disassembly as a result of moisture ingress.
- (I) Use B-Grade hardwood veneer with AWMAC No. 3 edge, finish to suit the intended use.
- (J) Do not use wood veneer-faced doors in critical care areas for reasons of cleanliness and infection prevention and control, unless suitably finished to mitigate such concerns.
- (K) In locations requiring radiation protection, line doors with lead and label such doors with lead thickness.

- (3) Aluminum Entrances and Storefronts
 - (A) Aluminum entrances and storefront framing and doors may form part of the exterior envelope of the Facility.
 - (B) Provide glazed interior partitions as appropriate to comply with the functions of the spaces as defined.
 - (C) Use aluminum doors within aluminum entrances and storefront.
 - (D) Use frames that are thermally-broken, flush glazed, aluminum sections, to accept insulating glass units.
 - (E) Incorporate in the frames drained and vented system (rain screen) with a complete air and vapour seal, allowing any moisture entering the frame to drain to the exterior and allowing air into the pressuring chamber.
 - (F) Use aluminum swing entrance doors that are heavy-duty commercial or institutional grade that may be automatically operated, motion-detector controlled.
 - (G) Apply aluminum finish for exposed aluminum surfaces. Finish will be permanent and resistant to corrosion caused by weather exposure and climate.

- (4) Specialty Doors
 - (A) Overhead Rolling Service Doors
 - (i) Restrain lateral movement of door curtain slats. Provide windlocks as required by door size or wind load requirements.
 - (ii) Provide interlocking flat slats, complete with bottom bar and contact type bottom astragal.
 - (iii) For manually operated doors, provide inside lift handle and locking bar or chain hoist. Motor operation may be provided on doors requiring constant usage. Chain operation will be by means of reduction gears and galvanized hand chain.
 - (iv) For fire doors, provide automatic closing device operated by fire door release device connected to fire alarm system.
 - (B) Overhead Rolling Grilles
 - (i) Provide grilles that allow visual access to secure areas.
 - (ii) Provide aluminum or steel guides that are: fabricated to withstand vertical and lateral loads; counterbalanced by helical torsion springs; and sound-deadened.
 - (iii) For manually operated closures, provide inside lift handle and locking bar or chain hoist. Motor operation may be provided on grilles requiring constant usage. Chain operation will be by means of reduction gears and heavy chrome plated hand chain.

- (C) Overhead Rolling Counter Shutters / Horizontal Sliding Grilles
 - (i) Provide shutter curtains fabricated with extruded aluminum, galvanized steel, or stainless steel interlocking flat slats, complete with guides of similar materials.
 - (ii) Provide closures that are manually operated and with locking capability.
- (D) Interior Aluminum Sliding Doors and Sidelights
 - (i) Provide interior glass sliding doors and sidelights without floor track, sliding and fixed panel(s) single glazed with 6 mm clear fully tempered float glass.
 - (ii) Interior sliding doors to have break-out capability to facilitate staff access to patient rooms.
 - (iii) Provide visual cues/glazing film in transparent glass panels as appropriate to prevent collisions.
 - (iv) Provide manual break-out capable 3 panel style interior glass sliding doors in the following patient rooms:
 - 1) Intensive Care Unit/Telemetry Unit;
 - 2) post-anaesthesia recovery enclosed patient bays; and
 - 3) enclosed exam rooms.
 - (v) Provide automatic break-out capable interior glass sliding doors, with card access and locking capability, in the following areas:
 - 1) patient isolation rooms, including vestibules, examination rooms and inpatient rooms; and
 - 2) Emergency Trauma / Resuscitation rooms.
 - (vi) Provide automatic break-out capable interior glass sliding doors with frosted glazing in the IPU Medication Rooms.
- (E) Automatic Sliding Doors
 - (i) Automatic sliding doors complete with break-away capability for exiting may be installed at main entrance, provided that the size and configuration of the entrance vestibule is designed such that both sets of doors will not be open at the same time.
 - (ii) Door equipment will accommodate medium to heavy pedestrian traffic and up to the following weights for active leaf doors: 100 kg for bi-part doors and 200 kg for single slide doors.
 - (iii) Provide door operators, including the motion and presence detection system, that are: capable of operating within the temperature ranges existing at the Facility; and unaffected by ambient light or ultrasonic interference.

- (iv) Provide energy-saving devices to reduce conditioned air loss.
- (F) Automatic Swing Doors
- (i) Use automatic swing doors for interior and exterior locations where appropriate, including the entrance vestibule, cross-corridor double-egress doors, entrances to departments and areas where stretchers and equipment are frequently wheeled, and doors to exterior spaces that are required to be handicapped accessible.
 - (ii) If used, provide directional motion sensor control device that are unaffected by ambient light or ultrasonic frequencies.
 - (iii) Equip all in-swing doors that are required exits with an emergency breakaway switch that internally cuts power to the operator. No external power switch allowed.
 - (iv) Implement longer hold-open times to accommodate the elderly and frail.
- (5) Aluminum Curtain Walls
- (A) Aluminum curtain walls will comply with all applicable standards, including the Aluminum Association Standards (AAS) and the American Architectural Manufacturers Association (AAMA) field testing specifications.
 - (B) Incorporate in the curtain wall framing a drained and vented system complete with air and vapour seal, allowing any water entering the framing/system and the glazing detail cavities to drain to the exterior and also allow air into the pressuring chamber.
 - (C) Provide curtain wall framing that incorporates a thermal-break.
 - (D) For exposed aluminum surfaces, provide a finish that is permanent and resistant to corrosion resulting from weather exposure and climate.
 - (E) Provide assemblies that resist local seismic conditions and 1-in-100 year climatic events (with a safety factor).
 - (F) Window wall framing relying on primary face seals is not allowed.
- (6) Aluminum Windows
- (A) Aluminum windows will comply with all applicable standards, including the Aluminum Association Standards (AAS) and the American Architectural Manufacturers Association (AAMA) field testing specifications.
 - (B) Incorporate in windows a drained and vented system complete with air and vapour seal, allowing any water entering the framing/system and the glazing detail cavities to drain to the exterior and also allow air into the pressuring chamber.

- (C) Provide windows that incorporate a thermal-break.
- (D) For exposed aluminum surfaces, provide a finish that is permanent and resistant to corrosion resulting from weather exposure and climate.
- (E) Provide assemblies that resist local seismic conditions and 1-in-100 year climatic events (with a safety factor).

(7) Skylights

- (A) Roof or skylight glazing may be provided where natural light is required in interior spaces to augment or complement interior ambient lighting.
- (B) Skylights will comply with all applicable standards. Design skylights to minimum tolerances, including the following:
 - (i) Thermal movement: Provide metal framed skylights that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, sealant failure, and other detrimental effects.
 - 1) Temperature change (range): 120 deg F (67 deg C), ambient; 180 deg F (100 deg C) material surfaces.
 - (ii) Air infiltration: Provide metal framed skylights with maximum air leakage of 0.06 cfm/sq. ft. (0.03 L/s per sq. m) of surface when tested according to ASTM E 283 at a minimum static air pressure differential of 6.24 lbf/sq. ft. (300 Pa).
 - (iii) Water penetration: Provide metal framed skylights that do not evidence water penetration when tested according to ASTM E 331 at a minimum differential static pressure of 20 percent of positive design wind load, but not less than 6.24 lbf/sq. ft. (300 Pa).
- (C) All skylights to be sealed double glazed in thermally-broken, internally drained rain screen type extruded aluminum frames. Plastic skylights are not to be used.
- (D) For exposed aluminum surfaces, provide a finish that is permanent and resistant to corrosion resulting from weather exposure and climate.

(8) Light Tubes

- (A) If light tubes are required for providing natural light to internal areas, provide a reflective light tube system that that will transmit the full range of natural light, ensuring a bright, clean and white light source.
- (B) Provide a daylight dimmer to control the level of light.
- (C) Coordinate the light tube solution with the other components of the ceiling design, including the artificial lighting, to provide an integrated design solution.

- (9) Roof Hatches
 - (A) Minimize use of roof hatch accesses. If roof hatches are used to provide access to the roof for maintenance:
 - (i) provide access ladders and ships ladders; and
 - (ii) the minimum hatch size will be 762 mm x 762 mm.
- (10) Entrance Mat Wells
 - (A) Provide a recessed, integrated mat well at major entrances with built in drainage.
- (11) Revolving Doors
 - (A) Provide a motorized revolving door as appropriate in lieu of vestibules to deal with the climatic elements.
 - (B) If used, revolving doors to be integrated with entrance mat well system.
 - (C) Provide a two leaf revolving door system to allow for breakaway stretcher access as required.
 - (D) Provide an adjacent small vestibule beside revolving door to allow for revolving door maintenance without impacting entry.
- (12) Glass and Glazing
 - (A) Glass and glazing will comply with all applicable standards, including the Insulating Glass Manufacturers Association of Canada (IGMAC) Guidelines and the Glazing Contractors Association (GCA) Glazing Systems Specifications Manual.
 - (B) Exterior and/or interior glass and glazing may be provided as integral components of the exterior envelope, interior partitions and screens, exterior and interior doors, handrail balustrades, skylights and decorative and ornamental glazing.
 - (C) Provide assemblies that resist local seismic conditions as a post-disaster building as defined in the NBC.
 - (D) Provide assemblies that resist 1-in-100 year climatic events (with a safety factor).
 - (E) Use laminated safety glass in single-glazed skylights, entry doors and sidelights, or as the inboard light of a double-glazed skylight. Single-glazed skylights are not to be used when separating interior and exterior environments.
 - (F) For the Mental Health / Psychiatric Unit and Psychiatric Intensive Care Unit inpatient rooms, provide glass and glazing that meets the requirements of the Ministry of Health Hospital-Based Psychiatric Emergency Services Standards.

- (G) Mirrors
 - (i) For full wall unframed mirrors, use 6 mm thick minimum float glass backed with electrolytically-applied copper plating. Grind smooth and polish all edges.
 - (ii) For wall mounted posture mirrors, use framed type; one piece, stainless steel channel frame with a No. 1 quality, 6 mm thick float glass mirror backed with electrolytically-applied copper plating. Back with galvanized steel.
- (13) Finish Hardware
 - (A) Finish hardware will comply with all applicable standards, including the quality standards of the Door and Hardware Institute (DHI).
 - (B) Provide all finish hardware from one supplier that is a member in good standing of the Door and Hardware Institute (DHI) and has in its employ one or more AHC (Architectural Hardware Consultant).
 - (C) Hardware will be integrated with the security requirements and coordinated with electrical wiring and power requirements.
 - (D) See Appendix 3E [Door Operations Matrix] for additional requirements.
 - (E) Select finishes to provide maximum longevity and preservation of the finish.
 - (F) Provide, where applicable, ULC-listed hardware for the required fire rating.
 - (G) Use heavy-duty commercial quality hardware; locksets and latchsets fully mortised type and lever handles of solid material.
 - (H) All doors with maglocks must have a key override on both sides of the door.
 - (I) For special areas, provide hardware to suit the purposes unique to those areas, as identified in the user consultation process as described in Appendix 2B [User Consultation and Design Review]. Hardware in the Mental Health / Psychiatry Department will comply with the Ministry of Health Standards for Hospital-Based Psychiatric Emergency Services: Observation Units.
 - (J) All hardware, including door strikes, in special areas such as Mental Health/Psychiatry, will be ligature resistant.
 - (K) In areas such as Maternity, Newborn, and Pediatric Inpatient Unit, where infant and child abduction is a possibility, provide hardware that can Interface with an electronic child abduction system. This system is to be confirmed with the Authority.

- (L) Keying
 - (i) Match existing keying system and hardware.
 - (ii) Supply and install ASSA key cylinders, or pre-approved cylinders of equivalent quality, 6 pin (factory pinned).
 - (iii) Implement a 4-level system.
 - (iv) Keying groups will be assigned by the Authority.
 - (v) New key fittings will be given to and controlled by the Authority.
 - (vi) Develop a keying schedule in consultation with the Authority
 - (vii) Turn over keys from factory to the Authority.
 - (viii) Supply four (4) keys for each lock cylinder.

6.9 Finishes (Division 09)

(a) Basic Requirements

- (1) Provide interior finishes that are capable of being maintained throughout the Operating Period to meet all infection prevention and control requirements as well as all those of all other applicable codes, standards and legislation.
- (2) In areas where finishes and systems of installation will occur and water is anticipated to be present as part of cleaning or other procedures, allow water to collect and exit without causing damage to the finishes or substrate.
- (3) For areas in which wear is a concern, such as areas with anticipated pedestrian or wheeled traffic, use durable finish materials able to withstand damage and easily replaceable in sections if damage does occur.
- (4) Give priority to infection prevention and control in the selection of finishes for all patient care areas. Acoustic characteristics of finish materials will also be a priority consideration.
- (5) Select the appearance of finishes and colours to create and promote a natural healing environment, prevent glare, and minimize artificial lighting requirements.
- (6) Select materials to promote sustainability by, for instance, having low-emissivity or comprising of renewable resources.
- (7) Select finish materials that do not use known carcinogenic material or chemicals in their manufacture or disposal. Consult the Green Guide for Healthcare Version 2.2.

(b) Performance Criteria

(1) Interior Wall Framing

- (A) Interior wall framing will comply with all applicable standards, including the Canadian Sheet Steel Building Institute Standards (CSSBI) and the Association of Wall and Ceiling Contractors (AWCC) Wall & Ceiling Specification Standards Manual for materials and workmanship for interior walls, including steel studs and furring and gypsum board ceiling suspension systems.
- (B) System design and components will meet seismic restraint requirements for a post-disaster building where applicable.
- (C) Use prefabricated non-load bearing steel studs for interior partitions and furring with no axial load other than its own weight, the weight of attached finishes, and lateral loads of interior pressure differences and seismic loads.
- (D) Construct steel stud framing to accommodate electrical, plumbing and other services in the partition cavity, and to support fixtures, wall cabinets, medical equipment and other such wall-mounted items. Provide reinforcement and backing throughout.
- (E) Consider in design, the differences in air pressure that may result on opposite sides of the wall or partition due to factors such as wind and other lateral pressures, stack effects, or mechanically-induced air pressurization.
- (F) Coordinate with all supplied equipment to confirm location of wall mounts for equipment and furnishings. Provide backing for handrails, grab-bars, wall protection and other similar items. Identify areas for mounting artwork and other display items that would require backing and confirm with the Authority.

(2) Gypsum Board

- (A) Gypsum board will comply with all applicable standards, including the Association of Wall and Ceiling Contractors (AWCC) Wall & Ceiling Specification Standards Manual.
- (B) Gypsum board will be no less than 16 mm in thickness.
- (C) Use glass-mat faced gypsum board throughout interior. Glass-mat faced gypsum board requires a level 5 finish (skim coating).
- (D) Use cementitious backer board (tile backer board) behind ceramic wall tile in showers or other wet areas.
- (E) Provide abuse-resistant gypsum board or glass mat faced gypsum board in corridors with heavy patient, cart or equipment traffic, to be located on the bottom 1200mm of the corridor wall, in order to increase resistance to abrasion, indentation and penetration of interior walls.

- (F) Use glass mat surfaced gypsum sheathing board wherever exterior gypsum sheathing is required at exterior walls.
- (G) Provide airborne sound insulation for gypsum board/steel stud assembly to close off air leaks and flanking paths by which noise can go around the assembly. Make assemblies airtight. Do not locate back to back recessed wall fixtures such as cabinets or electrical, telephone and television outlets and medical gas outlets, which perforate the gypsum board surface. In addition, carefully cut any opening for fixtures to the proper size and appropriately seal piping penetration. Seal conduit/duct/piping penetrations with tape and fill at the plenum barrier. Make the entire perimeter of a sound insulating assembly airtight to prevent sound flanking. Use an acoustic caulking compound or acoustical sealant to seal between the assembly and all dissimilar surfaces (including at window mullions) in accordance with the recommendations of an acoustic consultant.
- (H) Ceilings will be fastened to suspended metal framing systems. 16mm glass mat faced gypsum board will be employed throughout, except that glass mat Type 'X' board will be used at scheduled wall and floor fire separations.

(3) Ceramic Tilework

- (A) Ceramic tilework will comply with all applicable standards, including the Terrazzo Tile and Marble Association of Canada (TTMAC) Specification Guide 093000 Tile Installation Manual.
- (B) In order to reduce opportunities for the spread of infection, avoid use of ceramic tile in interior applications at patient and other clinical areas, and if used limit to no more than 10% of such applications.
- (C) For installations on wet and exterior surfaces, use floor tiles that have the following static coefficients of friction as per the American Society for Testing and Materials International (ASTM):
 - (i) Level surfaces: Not less than 0.50 for wet and dry conditions.
 - (ii) Stair treads: Not less than 0.60 for wet and dry conditions.
 - (iii) Ramp surfaces: Not less than 0.60 for wet and dry conditions.
- (D) For exterior installations, provide frost-resistant exterior tiles with a moisture absorption rating of 3.0% or less.
- (E) Provide control joints and expansion joints in conformance with the recommendations of the TTMAC Tile Installation Manual.
- (F) Provide a waterproof membrane under ceramic floor and wall tile in showers and other wet areas. The membrane will be trowel-applied, built-up, liquid-applied or sheet-applied.

- (G) Provide crack isolation membranes to resist crack transmission from the substrate due to lateral movement; design for use in thin-set applications of tile over a cracked substrate. Use elastomeric sheets or trowel-applied materials suitable for subsequent bonding of ceramic tile.
- (H) Set ceramic tile with latex modified mortar and grout with epoxy grout.

(4) Ceilings

(A) Acoustic Tile Ceilings

- (i) Corridor areas and public type areas would have hospital grade accessible finishes which provide access to ceiling spaces for mechanical or electrical access.
- (ii) Acoustic ceiling tiles in metal suspension system will be used in at least the following locations:
 - 1) hallways;
 - 2) offices, meeting rooms;
 - 3) common lobby, admitting areas;
 - 4) waiting areas;
 - 5) quiet rooms;
 - 6) staff sleep rooms;
 - 7) medication rooms;
 - 8) coffee/gift shops;
 - 9) patient rooms;
 - 10) examination rooms;
 - 11) soiled, clean and storage rooms;
 - 12) patient and staff lounges; and
 - 13) other areas requiring a non-institutional finish.
- (iii) Acoustic panel: Non-directional, fissured pattern, imperial dimension white ceiling panel, trim edge detail (square) to fit a standard 15/16" T-bar grid panel size.
- (iv) Install acoustic ceiling tiles in the suspension system that comply with the minimum sound transmission ratings between spaces described in CSA Z8000 and Government of Alberta Infrastructure Technical Requirements for Healthcare Facilities "Blue Book", as modified by GNWT, and provide the levels of sound attenuation required to suit the intended function of the room.

- (v) Provide accessibility to the ceiling spaces where access is required to mechanical, electrical or other service systems.
- (vi) Special surface-treated ceiling tiles, such as mylar, vinyl-faced or metal-faced tiles, may be used where maintenance and ease of cleaning are priorities as well as the accessibility and acoustic requirements.
- (vii) Provide acoustical panels that are appropriate for the normal occupancy condition range of 15°C - 29°C and maximum 70% relative humidity. When the service use temperature and relative humidity are expected to exceed these ranges, consider use of acoustical units specifically designed for such applications.
- (viii) Use tiles with scratch-resistant surfaces in any area where lay-in ceiling panels frequently need to be removed for plenum access.
- (ix) For ceilings installed in food preparation areas, use acoustic panels capable of being cleaned without undue wear on the panel.
- (x) In the operating rooms, provide a gasketed, smooth, prefinished, metal panel t-bar ceiling system for easy access to the plenum, with an integrated ceiling solution for mechanical, electrical, overhead boom and surgical lighting systems. Provide this ceiling solution in high humidity areas.

(B) Hard Ceilings

- (i) Construct hard ceilings of 16 mm glass mat gypsum board where fire rating is not required. In fire rated rooms use type X glass mat faced gypsum board thickness to be determined by the rating required by the NBC. Finish hard ceilings as per the paint specifications outlined below. Skim coating required for all glass mat faced gypsum board. Provide hard ceilings for the following rooms:
 - 1) housekeeping and utility rooms;
 - 2) washrooms and shower rooms;
 - 3) procedure rooms and any other rooms where invasive procedures may be performed;
 - 4) sterile supply rooms;
 - 5) other areas where infection prevention and control may be an issue;
 - 6) air borne isolation and protective isolation rooms and anterooms; and
 - 7) other areas where infection prevention and control may be an issue.

- (C) In special areas such as Mental Health / Psychiatry, construct the ceiling in accordance with Ministry of Health Standards for Hospital-Based Psychiatric Emergency Services: Observation Units.
- (D) Access Panels
 - (i) Where hard ceilings are used, provide access panels to allow for mechanical and electrical servicing in the ceiling.
 - (ii) Access panels to be prefinished.
- (E) Ceiling Virtual Skylights
 - (i) Create photographic views of the natural landscape or sky view in the ceiling mounted in a rectilinear luminous sky ceiling type system.
 - (ii) Provide the luminous panels in a suspended ceiling grid system, with back lighting.
 - (iii) Integrate the ceiling virtual skylight system with the adjacent ceiling areas to create a calming distraction for patients lying on treatment tables.
 - (iv) Luminous panel surfaces to be smooth to facilitate cleaning.
- (5) Flooring
 - (A) All Rooms Except Wet Rooms:
 - (i) Use solid homogeneous sheet flooring unless specified otherwise.
 - (ii) Resilient flooring with integral cove base, homogeneous sheet flooring with heat weld joints, minimum thickness to be determined by usage environment and application. Flooring thickness and adhesive shall be appropriate for equipment/bed traffic where required.
 - (iii) Provide continuous coved bases 150 mm high, straight cut, finished with prefinished aluminum trim.
 - (iv) Use water soluble, low odour flooring adhesive.
 - (v) Where there is no existing product to butt against, finish edging finish with vinyl finishing strip as per manufacturers' specifications.
 - (vi) Finish flooring with high speed buffing as per manufacturers' specification. Do not apply sealer or wax.

- (vii) A rubber cove base may be applied in lieu of a continuous cove base in non-clinical administrative areas, except:
 - 1) in any enclosed room that contains a plumbing fixture;
or
 - 2) within 3 meters of a plumbing fixture located in a corridor or open area.

- (B) Wet Rooms
 - (i) Use slip-resistant solid sheet flooring (or an equivalent product approved in advance by the Authority) for all wet rooms.
 - (ii) Hot weld all joint seams.
 - (iii) Form coved bases 150 mm high, straight cut, finished with clear silicone caulking. Do not cap.
 - (iv) Use solvent based, low odour flooring adhesive.
 - (v) Hot weld new flooring to existing floor product.
 - (vi) Finish flooring as per manufacturer's specification. Do not apply sealer or wax.

- (C) Stair Covering
 - (i) Use one piece treads and sheet risers with carborundum strip or an alternate designed for the visually impaired (product approved in advance by the Authority).
 - (ii) Use water soluble, low odour adhesive.

- (D) Comply with all applicable standards, including the following:
 - (i) Backed sheet vinyl flooring (used in areas as required by the Design of Project Co): Conforming to ASTM F1303 and the following:
 - 1) Type: II – Through Design Wear Layer
 - 2) Grade: 2
 - 3) Class: A – Non-Asbestos Fibrous Backing
 - 4) Total Thickness: nominal 2.5 mm

- (E) In selecting flooring materials, consider cleaning and maintenance, pedestrian and rolling traffic, acoustics, infection prevention and control, and aesthetics.

- (F) Where epoxy flooring is used in wet areas, use water and slip-resistant grade and prevent water or moisture transmission to the substrate. Terminate flooring at the walls in the form of 150 mm high flash coves.

- (G) Use heavy-duty materials for flooring on which wheeled or service vehicle traffic is anticipated and to which wear and damage may result.
- (H) Use permanent, heavy-duty integral materials such as seamless epoxy quartz flooring for flooring in areas subject to moisture and heat over extended periods of time.
- (I) Use suitable flooring in patient and staff areas where cart or stretcher traffic is expected or where cleaning on a regular or emergency basis is necessary.
- (J) Use water resistant and slip-resistant flooring in public, staff, and patient washrooms.
- (K) Consider resilient tile products for flooring in service corridors and service areas.
- (L) Use anti-static flooring material for telecommunication rooms.
- (M) Gymnasium Flooring
 - (i) Provide a resilient vinyl surface multipurpose sport flooring surface.
 - (ii) Vinyl to be 5 mm thick minimum for shock absorption.
 - (iii) Select products with exposed surface having anti-bacterial properties to prevent entry of gram-positive and gram-negative micro-organisms. Weld all seams. Provide integral cove bases.
 - (iv) Static coefficient of friction of 0.6 on level surfaces.
 - (v) Heat weld all seam joints.
 - (vi) Form cove bases 150 mm high, straight cut, finished with prefinished aluminum trim.
 - (vii) Use solvent based low odour flooring adhesive.
 - (viii) Finish flooring with high speed buffing as per manufacturers specification.
- (N) Seamless Quartz Epoxy Flooring
 - (i) Standard epoxy type floor with integral base products on floors subject to thermal shock, excessive moisture. Example locations: entrance ways, ambulance bays
 - (ii) Provide seamless epoxy flooring with 100% solids, zero VOC, solvent-free comprised of a two-component epoxy primer, a two-component epoxy resin and curing agent, coloured quartz aggregate broadcast into both primer and undercoat, and a high performance, UV-resistant two-component, clear epoxy sealer. Provide integral cove bases.

- (O) Carpets and Carpet Tiles
 - (i) The use of carpets and carpet tile is allowed only in non-clinical, non-wet areas, such as:
 - 1) single and multi-occupancy offices;
 - 2) open office and administrative areas;
 - 3) conference and meeting rooms; and
 - 4) other similar administrative areas.
 - (ii) Carpet will be considered in Design development for isolated non-patient and non-clinical areas. Rolled carpet with a cove base is one option, but it requires in-situ cleaning. PVC backed carpet tile, can be easily removed for maintenance and cleaning with minimal downtime to the area.
- (6) Acoustic Treatment
 - (A) Design and construct the Facility to comply with the minimum sound transmission ratings between spaces described in CSA Z8000 and Government of Alberta Infrastructure Technical Requirements for Healthcare Facilities “Blue Book”, as modified by GNWT.
 - (B) In addition, provide acoustic treatment where sound attenuation, soundproofing, or other sound control measures are necessary to create a healing environment for patients and a safe and comfortable environment for staff and where confidentiality is required.
 - (C) Sound control will include:
 - (i) attenuation of sound within public, patient and staff environments;
 - (ii) sound isolation between the exterior and interior spaces;
 - (iii) sound isolation between interior spaces within the Facility at both horizontal and vertical separations;
 - (iv) sound and vibration isolation of Facility service noises and sound isolation of Facility service rooms; and
 - (v) sound isolation as required for specialty rooms such as video-conferencing.
 - (D) Design partition and ceiling construction to provide approximately the same degree of sound control through each assembly. When a partition is used for sound isolation, extend the sound control construction from slab to slab.
 - (E) Optimum sound isolation requires that the integrity of gypsum board partitions and ceilings (mass) never be violated by vent or grille cut-outs or by recessed cabinets, light fixtures, etc.

- (F) Where penetrations are necessary, minimize placing them back- to-back and next to each other. Stagger electrical boxes and medical gas outlets, preferably by at least one stud space. Use mineral fibre insulation to seal joints around all cut-outs such as electrical, TV and telephone outlets, plumbing escutcheons, recessed cabinets, and bathtubs. Use non setting acoustical caulking to seal where the gaps are too small to insert mineral fibre insulation.
 - (G) Minimize constructions such as ducts, rigid conduits, or corridors that act as speaking tubes to transmit sound from one area to another. At common supply and return ducts, provide sound attenuation liners at the diffuser and/or grill to maintain assemblies' STC. Seal around conduit.
 - (H) Isolate structure-borne vibrations and sound with resilient mountings on vibrating equipment to minimize sound transfer to structural materials. Provide ducts, pipes, and conduits with resilient, non-rigid boots or flexible couplings where they leave vibrating equipment; isolate from the structure with resilient gaskets and sealant where they pass through walls, floors, or other building surfaces.
 - (I) Use acoustic screens, vibration isolators, and carefully selected exterior equipment to prevent exterior noise that neighbours may find offensive.
- (7) Painting and Protective Coatings
- (A) Low emitting materials, paints and coatings where possible; and as follows:
 - (i) Architectural paints, coatings and primers: low VOC.
 - (ii) Anti-corrosive and anti-rust: low VOC.
 - (iii) Clear wood finishes, floor coatings, stains and shellacs: low VOC.
 - (B) Walls, doors and shelving: Use eggshell or semi-gloss for all walls, doors and painted shelving.
 - (C) Door frames and metal doors: Use semi-gloss for all door frames and metal doors.
 - (D) Wood finish doors: Use clear coat interior rub varnish for all wood finish doors.
 - (E) Paint grade doors: Use semi-gloss for all paint grade doors.
 - (F) Ceilings: Use eggshell paint for all ceilings.
 - (G) Floors, concrete:
 - (i) Use a 2-component (base component A, curing agent B).
 - (ii) Use a primer if part of coating system.
 - (H) Paint painted patient care areas with a semi-gloss finish.

- (I) Conform to all applicable standards, including the material and workmanship requirements of Master Painters Institute (MPI) Architectural Painting Specification Manual.
 - (J) Use exterior paints of a quality designed to protect substrate materials from weather and climate conditions.
 - (K) Use exterior and interior finish materials with surface finishes, either as integral to the finish material or field-applied separately to the surface of the finish material.
 - (L) Treat exterior masonry materials such as brick and concrete block with water-repellent coatings to prevent water ingress into or through the material.
 - (M) Provide a special protective coating on exterior and interior materials that are subject to corrosion from exposure to moisture or other corrosive agents, and where painting is deemed to be insufficient protection. Materials requiring a special protective coating include exterior and interior structural, galvanized, and miscellaneous steel.
 - (N) Use paints with a minimal VOC level in patient, staff, and public interior areas.
 - (O) Use interior paint materials of a quality to withstand regular or repeated cleaning as the function of the area dictates.
 - (P) Paint handrails, doors, and frames with a contrasting colour from walls in consideration of the visually impaired.
 - (Q) Do not use materials containing lead and mercury.
 - (R) Seamless epoxy wall coatings: provide a two-component, high solids, zero or low VOC, solvent-free, epoxy glaze wall coating that is seamless and abrasion, chemical, and UV-resistant.
- (8) Vinyl / Acrylic Wall Covering (Wall Protection)
- (A) Vinyl / acrylic high impact rigid sheet, nominal 0.040" (1 mm) minimum thickness with colour-matched vinyl/acrylic trim for joint/transitions.
 - (B) Furnish complete packaged system containing all primers and adhesive. Use non water-based and non-hazardous primer and adhesive materials.
- (9) Dry Erase Wall Covering
- (A) Provide as required throughout the Facility pigmented gloss vinyl wall covering presentation surfaces for dry erase markers, 0.61 kg/sq.m, non-woven backing.
 - (B) Provide trim and other accessories including but not limited to wall covering trim of anodized aluminum, low profile trim, plastic marker dispensers, dry erase markers (set of 4 colours), low odour, and eraser, magnets, clearer, towels.

6.10 Specialties (Division 10)

(a) Basic Requirements

- (1) Provide specialty products manufactured for the specific purposes intended, and installed in strict accordance with the manufacturer's directions.

(b) Performance Criteria

(1) Tackboards and Whiteboards

- (A) Provide, as required in the Equipment List of Appendix 2D [Equipment and Furniture]:

- (i) tackboard surfaces that allow pin penetration of the surface materials and have reasonable resistance to deterioration; and
- (ii) whiteboard surfaces that allow use of felt-type writing instruments and allow erasing and cleaning with minimal effort. Use porcelain ceramic on steel surface, magnetic, scratch and abrasion-resistant and have maximum contrast, glare control, and reflectivity.

- (B) Provide tackboards and whiteboards with extruded aluminum frames, accessory trays, map rails and map hooks.

- (C) Use non-toxic, water based lamination adhesive for tackboards and whiteboards.

(2) Projection Screens

- (A) Provide, as required in the Equipment List of Appendix 2D [Equipment and Furniture]:

- (i) projection screens mounted from recesses in ceilings or wall mounted; and
- (ii) where appropriate, provide for motorized screens.

- (B) Provide supports and power as required to coordinate with mobile or fixed projector units, including ceiling mounted projectors.

- (C) Provide for trims and finishes compatible with the design of the rooms.

(3) Compartments and Cubicles

- (A) Provide compartments and cubicles including toilet partitions, change cubicles, shower partitions, and other compartments and cubicles requiring privacy and security.

- (B) Provide exposed surfaces that are permanent, water-resistant, corrosion-proof, and readily cleaned and maintained.

- (C) Secure partitions and standards to the floor or ceiling structure, and in a manner to resist lateral loading and impact.

- (D) For compartment/cubicle doors, use material matching the partitions and include permanent, purpose-made hardware. Design doors and hardware to provide barrier-free access.
 - (E) Where appropriate and approved by the Authority, curtain tracks and curtains may be used in lieu of doors.
 - (F) Provide a mirror in all change compartments.
- (4) Toilet Partitions
- (A) Galvannealed sheet metal will conform to ASTM A653 with minimum ZF001 (A01) zinc coating. Finish in polyester, baked enamel or powder coating.
 - (B) For stainless steel, use Type 304 conforming to ASTM A240 with No. 4 finish.
 - (C) For plastic laminate, use Grade 10/HGS GP50 scuff-resistant, high pressure laminate, conforming to NEMA LD-3.
 - (D) Avoid use of particleboard core partitions.
 - (E) For fibre-reinforced plastic (fibreglass), use a moisture resistant grade.
- (5) Change Cubicle Partitions (excluding mental health areas)
- (A) Where not adjacent to showers, change cubicle partitions will comply with the above requirements for toilet partitions.
- (6) Shower Partitions
- (A) Use solid phenolic laminated thick stock, factory-laminated with decorative finish both faces of core and conforming to CAN3-A172 or NEMA LD3.
- (7) Corner Guards and Bumper Rails
- (A) Provide stainless steel corner guards and bumper rails in infection control sensitive areas, including without limitation:
 - (i) the Medical Device Reprocessing Department;
 - (ii) surgical suite corridors;
 - (iii) sterile storage areas;
 - (iv) dietary areas; and
 - (v) other areas with high risk of impact from utility cart traffic.

- (B) Provide heavy duty steel corner guards and bumper rails in utility areas, including without limitation:
 - (i) the Materiel Management Storage, Loading Dock and Marshalling areas;
 - (ii) utility corridors with heavy utility cart and pallet jack traffic;
 - (iii) laundry areas; and
 - (iv) utility shop areas.

- (8) Metal Lockers
 - (A) Provide individual and shared storage facilities in designated staff and patient areas in the Facility based on expected staffing requirements as described and as appropriate for operation of the Facility. Such storage facilities may be metal lockers and metal locker systems of sizes, numbers, and groupings as determined in consultation with the Authority. Lockers will include a mix of full height, half size and purse lockers.
 - (B) For sheet metal, use galvanized steel conforming to ASTM A653 with ZF001 (A01) zinc coating.
 - (C) Lockers will be placed on minimum 150 mm high masonry bases finished with cove bases integral with the floor finish.
 - (D) Lockers will fit tightly below gypsum board bulkheads or be complete with sloped metal tops.
 - (E) Finish steel surfaces with polyester baked enamel or powder coating.
 - (F) All single, double, or multiple-tier metal lockers for staff use will have digital electronic locks, number plates and hanging hooks.

- (9) Storage Shelving Systems
 - (A) Provide storage systems for materials in designated storage areas.
 - (B) Adjustable shelving systems may be specifically manufactured for storage purposes, such as plywood or steel-slotted angle industrial shelving for bulk materials of plastic laminate-faced plywood for clean storage.
 - (C) For mobile storage systems, provide a high-density system designed to make maximum use of available space by eliminating need for access aisle for each run of shelving. Install and brace systems to resist seismic loads. The mobile storage system to be either power assisted or to be easily operable without undue required strength by any person.

(10) Washroom Accessories

- (A) Provide washroom accessories as specified in the Equipment List of Appendix 2D [Equipment and Furniture] and this Schedule 3 [Design and Construction Specifications] in all public, patient and staff washrooms as required in accordance with the applicable high quality hospital standards. Determine the type, size, and number of accessories and placement on walls with regard for the numbers and categories of users, in consultation with the Authority.
- (B) Install washroom accessories to allow cleaning and maintenance of the accessory and surrounding wall area.
- (C) Accessories with appropriate safety features will be selected for Mental Health / Psychiatry and other areas where there is increased risk of patient injury and in accordance with Ministry of Health Standards for Hospital-Based Psychiatric Emergency Services: Observation Units.
- (D) Recessed dispensers (such as those for paper towels, soap and waste receptacle) will not be used.
- (E) Use commercial grade accessories free from imperfections in manufacture and finish.
- (F) Use fittings with concealed fastening for security and discouragement of tampering.
- (G) Staff and public washroom accessories will include the following:
 - (i) soap dispensers;
 - (ii) toilet paper dispensers;
 - (iii) paper towel dispensers – “hands free” type;
 - (iv) paper towel disposals (garbage bins);
 - (v) mirrors;
 - (vi) barrier-free grab bars (with integral tactile grip finish);
 - (vii) coat hooks;
 - (viii) sanitary napkin dispensers;
 - (ix) sanitary napkin disposals;
 - (x) baby change table; and
 - (xi) utility shelf.
- (H) Patient washroom accessories will include the following:
 - (i) soap dispensers;

- (ii) toilet paper dispensers;
 - (iii) paper towel dispensers;
 - (iv) paper towel disposals (garbage bins);
 - (v) mirrors;
 - (vi) handicap grab bars (with integral tactile grip finish);
 - (vii) coat hooks;
 - (viii) and utility shelf.
- (I) Shower rooms or showers in washrooms will include the following accessories:
- (i) shower curtain and track or rod as appropriate;
 - (ii) handicap grab bars; and
 - (iii) fold-down shower seat.
- (11) Elevated Access Flooring
- (A) Provide an elevated access flooring system (“**Elevated Flooring**”) where appropriate and approved by the Authority.
 - (B) The Elevated Flooring assembly will consist of modular floor panels laid out on a grid system, supported by and secured to the under-structure. Panels will be supported by an adjustable pedestal base that positively located, engages and secures panels and that accommodates horizontal grid members as required.
 - (C) The Elevated Flooring is to facilitate electrical, communication and computer service lines and mechanical ducting, and may service various areas as air supply or return plenums in the cavity portion below, provided that it fully accommodates the functional uses it serves above. The area below the Elevated Flooring may be a pressurized area.
 - (D) Panels will be easily removable by one person with standard tools and a lifting device and will be interchangeable, except for cut-out panels. Cut-out panels will be interchangeable with solid panels.
- (12) Cubicle Curtains
- (A) Provide and install hospital cubicle privacy curtain panels, curtain hooks, ceiling mounted tracks, wall flanges, angle brackets, ceiling flanges, end stops, T plates, 4-way plates and all other accessories as required, in consultation with the Authority.
 - (B) Provide the number of cubicle curtains required to fully enclose the opening, with a minimum of three sets of curtain panels for each location.

- (C) Curtains will comply with CAN/ULC S109-03 Flame Tests of Flame Resistant Fabrics and Films.
 - (D) For cubicle tracks, use extruded, anodized aluminum, entirely enclosed except for the track guide.
 - (E) Use cubicle carriers composed of a non-binding, abrasion-resistant, nylon block supported from self-lubricating bearings by two nylon wheels with a free-moving plated swivel-hook assembly. Fit one end of each track with a removable end stop to permit simple carrier replacement. Use anodized aluminum splicing clamps. Use factory-curve tracks.
 - (F) Curtain and curtain track will be structurally supported.
 - (G) Provide cubicle curtains in the following locations:
 - (i) inpatient bedrooms and treatment bays in the General Medical and Surgical Inpatient Units, ICU / Telemetry Unit and Maternity Newborn and Pediatric Units;
 - (ii) the Emergency Department at stretcher, bed and chair bays, treatment areas, holding spaces, examination rooms, procedure rooms and trauma rooms;
 - (iii) the Cast Clinic at stretcher treatment bays;
 - (iv) Diagnostic Imaging at change cubicles;
 - (v) Ambulatory Clinics / Outpatient Procedural Care at change cubicles, treatment bays, procedure bays and examination rooms;
 - (vi) Surgery Day Care at stretcher bays;
 - (vii) Surgical Suite PARR bays and Pre-Operating holding bays;
 - (viii) Cardio Pulmonary Diagnostics at change cubicles and holter monitoring and stress test areas;
 - (ix) Therapy Services at change cubicles; and
 - (x) any other location identified in the Clinical Specifications.
- (13) Shower Curtains
- (A) Provide shower curtains and track in the following locations:
 - (i) General Medical and Surgical Unit at inpatient washrooms;
 - (ii) ICU/Telemetry / Unit at inpatient washrooms; and
 - (iii) Maternity Newborn and Pediatric Unit inpatient washrooms.

- (14) Privacy Glazed Partitions
 - (A) Provide fixed glazed partitions in open bed bays in accordance with the Clinical Specifications.
 - (B) Fixed glazed partitions to allow for enhanced patient acoustic privacy while allowing for visual supervisions by staff.
- (15) Folding Panel Partitions
 - (A) Provide folding panel partitions with acoustic seal for subdividing areas into separate rooms in accordance with the Clinical Specifications.
 - (B) Provide an access door in the folding panel partition, as per the Clinical Specifications, to allow access from room to room.
- (16) Inpatient Bed Headwalls
 - (A) Design the headwalls in consultation with the Authority.
 - (B) In private inpatient rooms, design the head wall adjacent to the inpatient bed:
 - (i) to allow for one oxygen connection, one medical air connection and one vacuum connection on each side of the bed, for a total of 6 medical gas outlets;
 - (ii) to meet or exceed all relevant CSA and ULC codes and regulations for the full range of requirements for an acuity adaptable direct patient care area and environment;
 - (iii) to provide all rails, accessories and backing required for mounting monitors, baskets, and other equipment as required,
 - (iv) to provide bed dock locators behind the bed,
 - (v) to allow for the required data, communication and electrical power outlets on both sides of the bed;
 - (vi) to provide one enhanced nurse call patient station with four call buttons including code blue; and
 - (vii) so that medical gases, service outlets, rails, equipment and accessories are provided in a horizontally configured modular system, which may be either a horizontal modular headwall strip or a complete wall unit.
 - (C) In bariatric rooms provide two headwalls that comply with the requirements, one behind the bariatric bed and the other on the opposite wall, in order to support a second inpatient bed during over capacity.
- (17) Mail Slots
 - (A) Provide mail slots that are a minimum of 25mm wide, 350mm high and 400mm deep, in locations identified in the Clinical Specifications.

6.11 Equipment (Division 11)

- (a) Refer to Section 7 Equipment Supply and Installation of Schedule 2 [Design and Construction Protocols] and the respective Appendix 2D [Equipment and Furniture].
- (b) Equipment Supports
 - (1) Provide equipment supports for equipment outlined in Appendix 2D [Equipment and Furniture], with proper backing and structural reinforcing as described in Section 5.3 Post Disaster Requirements.
- (c) Patient Lifts
 - (1) General: Design and construct the Facility to include patient lifts. Refer to Appendix 2D [Equipment and Furniture] and the Equipment List for responsibilities related to patient lift motors, carry bars, and chargers. Provide all equipment and components not specifically listed in the Equipment List as required to integrate the patient lift equipment into the Facility, including tracks and docking stations for all patient lifts. All patient lifts should be the type and weight requirements outlined in Appendix 3A [Clinical Specifications].
 - (2) Bariatric patient lifts: Design and construct the Facility to include ceiling-mounted X-Y gantry track patient lift systems, that have a patient load bearing capacity of 454 kg, at the inpatient room locations indicated as bariatric in Appendix 3A [Clinical Specifications]. Design and construct all bariatric patient lift systems so that any traverse will accommodate safe transfer of a bariatric patient by two Authority staff members.
 - (3) Non-bariatric / standard patient lifts: Design and construct the Facility to include non-bariatric patient lifts that have a patient load bearing capacity of 284 kg. Design and construct all non-bariatric patient lift systems so that any traverse will be manual and will accommodate safe transfer of a patient by one Authority staff member.
 - (4) Design and construct the Facility so that ceiling heights in all rooms containing patient lifts will accommodate patient mobility on lifts when using specialized ambulatory slings and carry bars and so that a patient's lower limbs will clear the edge of bed/stretcher/tub during seated transfers.
 - (5) Design and construct patient lift systems for all areas requiring Safety Features, as outlined in Appendix 3A [Clinical Specifications], according to Section 5.4(e)(1)(E) of this Schedule 3 [Design and Construction Specifications] and as per industry best practices.
 - (6) Undertake final design of all patient lift systems in consultation with the Authority and patient lift equipment suppliers.
- (d) Window Washing Systems
 - (1) Provide equipment or appropriate anchors to facilitate window washing.

(e) Loading Dock Equipment

- (1) Provide a loading dock that:
 - (A) at a minimum provides two loading bays, each with a pit style dock leveler, and one loading bay at grade, and meets the functional requirements of Appendix 3A [Clinical Specifications] for loading areas, marshalling and waste management;
 - (B) is designed to support Project Co's configuration of support services;
 - (C) is designed to support the operations of Project Co and the Authority;
 - (D) provides clear segregation for movement of clean and soiled items; and
 - (E) provides access stair and ramp access.
- (2) The loading dock will be an external covered area, with a 14' high overhead clearance.
- (3) Provide lighting over the loading dock to allow night time functionality.
- (4) The loading dock platform will be 1200mm higher than the truck bay.
- (5) Dock bumpers: Provide a dock bumper at each truck bay equipped with a built in dock leveler.
- (6) Dock leveler: Provide pit style dock levelers for the Facility at the loading dock area to facilitate deliveries.
 - (A) The dock leveler is to be a hydraulic style lift system, equipped with a push button remote control.
 - (B) Assume an operational maximum tilt of 10 degrees for the dock leveler, based on a 52" – 55" high truck bed.
 - (C) Provide each dock leveler with a minimum lifting capacity of 22,727 kg.

(f) Additional Truck Delivery Bay

- (1) Provide a truck delivery area that is additional to the loading dock, for the transport of cadavers to and from the Morgue.

(g) Scissor Lifts

- (1) Provide a permanent, hydraulic style scissor lift in the following locations:
 - (A) Equipment Depot Mezzanine;
 - (B) Equipment Maintenance Mezzanine;
 - (C) Materials Management; and
 - (D) Truck Delivery Bay.

- (2) The scissor lift will have the height extension required to reach to the mezzanines.
 - (3) Design the scissor lift to fit in the floor slab recess to ensure its platform is flush with the finished floor level.
 - (4) Each scissor lift will have the following features:
 - (A) a push button remote control;
 - (B) warning lights and sirens for use when the unit is in operation; and
 - (C) a swing gate to allow easy access to the platform.
 - (5) The scissor lift platform for the Truck Delivery Bay will be 1200mm x 2400mm with minimum lift capacity of 1000kg.
 - (6) The scissor lift platforms for the Equipment Depot Mezzanine and Equipment Maintenance Mezzanine will be 900mm x 1200mm with a lift capacity of 400kg.
- (h) Biohazardous Waste Refrigerated Storage Room
- (1) Provide biohazardous waste storage, as set out in the Clinical Specifications, that:
 - (A) has a floor drain and interceptor for spill containment;
 - (B) provides temperature containment in the room with prefabricated refrigeration panels, sized to suit;
 - (C) is an integrated packaged unit, complete with lighting, doors and hardware; and
 - (D) meets the hardware requirements set out in Appendix 3E [Door Operations Matrix].
- (i) Refrigerated Body Holding Room
- (1) Provide body holding storage, as set out in the Clinical Specifications, that:
 - (A) has a floor drain and interceptor for spill containment;
 - (B) has flush finished floor access to the body holding room, with recessed floor slab for floor insulation as required;
 - (C) accommodates the equipment designated for this room as set out in the Equipment List of Appendix 2D [Equipment and Furniture];
 - (D) provides temperature containment in the room with prefabricated refrigeration panels, sized to suit;
 - (E) is an integrated packaged unit, complete with lighting, doors and hardware; and

- (F) meets the hardware requirements set out in Appendix 3E [Door Operations Matrix].
- (j) Overhead Service Columns
 - (1) Provide, in consultation with the Authority, in the locations specified in the Clinical Specifications, overhead service columns as follows:
 - (A) coordinate the overhead service column placement in the room with other ceiling elements, including patient lift tracks, lights and diffusers;
 - (B) provide articulated service columns as required by Authority to ensure an adequate range of coverage and flexibility for the care of the patient; and
 - (C) determine the electrical services, medical gas outlets, accessories and equipment supports to be accommodated by the service column based on the information provided in this Schedule and its Appendices and the user consultation process.

6.12 Furnishings (Division 12)

- (a) Millwork, Modular Casework, Clinical Systems Furniture, and Systems Furniture
 - (1) Project Co will provide and install all millwork, modular casework, clinical systems furniture, systems furniture, and accessories as required to support the programs and functions described in the Clinical Specifications or as required to support the operation of the Facility.
 - (2) Project Co. may use millwork, modular casework, clinical systems furniture, and systems furniture interchangeably to satisfy the requirements of the Clinical Specifications and industry best practices. Submit an initial layout and configuration for review by the Authority.
 - (3) Project Co, in consultation with the Authority and during the user consultation process described in Appendix 2B [User Consultation and Design Review], will establish which option (millwork, modular casework, clinical systems furniture, or systems furniture) best meets the Authority's functional needs for each space and will achieve the most appropriate level of flexibility, re-configurability, serviceability, and reusability between all areas of the Facility.
 - (4) Millwork means custom fabricated wood or metal cabinetry and counter components and accessories that are installed with little or no modification. Millwork or casework may require mechanical, electrical power, and data service connections.
 - (A) Millwork or casework components can include, but are not limited to, work surfaces (such as counters and work benches) and storage (such as cabinetry, files, drawers, wardrobes, and cabinets).
 - (B) Without limitation, provide the following as millwork:
 - (i) kitchen and pantry counters, upper and lower cabinets, drawers and shelving;

- (ii) utility room counters, storage cabinetry and shelving;
 - (iii) patient room lockable wardrobes, including shelving, drawers, coat rods, counters and cabinets; locks will be digital electronic;
 - (iv) workroom counters and storage;
 - (v) security kiosks;
 - (vi) vanity counters containing sinks;
 - (vii) reception desks;
 - (viii) charting stations; and
 - (ix) central staff work areas.
- (5) Modular casework means a composition of factory produced, quickly installed parts that are easily replaceable, reconfigurable and interchangeable. Casework can be rearranged to change configuration or to include additional modules as needed.
- (A) Without limitation, provide the following as modular casework:
- (i) lab casework;
 - (ii) pharmacy casework;
 - (iii) medication room work surfaces, upper and lower cabinetry, shelving and storage components;
 - (iv) clinical, exam and treatment room counters, upper and lower cabinets, shelving and storage;
 - (v) housekeeping/special storage;
 - (vi) clean rooms; and
 - (vii) soiled rooms.
- (6) Clinical systems furniture means a factory produced, component system designed to be replaceable, reconfigurable, and interchangeable, and designed for specific use in health care facilities. Clinical systems furniture can be rearranged to change the configuration or to include additional modules and accessories as necessary. Clinical systems furniture requires electrical power and data service connections.
- (A) Without limitation, use clinical systems furniture for the following:
- (i) nursing workstations;
 - (ii) charting alcoves;
 - (iii) triage desks;

- (iv) unit clerk stations;
 - (v) team care stations;
 - (vi) registration cubicles;
 - (vii) adjustable height workstations;
 - (viii) reception desks; and
 - (ix) information desks.
- (B) Provide all accessories, storage, cabinetry, upper and lower shelving, keyboard trays and counters necessary to facilitate efficient healthcare/clinical operations and provide maximum adjustability and flexibility.
- (7) Systems furniture means a composition of factory-produced wall mounted or partition components that are easily reconfigurable and interchangeable. Systems furniture is designed for office or commercial use and includes accessories and attachments which complete its functionality. Systems furniture requires electrical power and data service connections.
- (A) Without limitation, use systems furniture for the following:
- (i) cubicle partitions;
 - (ii) reception desks;
 - (iii) information desks;
 - (iv) work/study carrels; and
 - (v) high density shelving.
- (b) Furniture
- (1) Furniture means loose or unattached items that can be rearranged to suit various activities and includes:
- (A) coffee tables and side tables;
 - (B) unattached seating (such as chairs and stools); and
 - (C) office desks.
- (2) All furniture and millwork supplied will the requirements outlined below:
- (A) Flexibility
- (i) Products must offer modular solutions that will enable flexibility and LEAN principles to be practiced. Furniture pieces will:
 - 1) allow for individualization;

- 2) possess the ability to be used in different applications or flex easily for future use (provide ease of adjustability); and
- 3) use non-handed solutions that work in multiple configurations, when possible.

(B) Durability

- (i) Activity, waiting, and dining room furniture will be engineered for high traffic use and durability within a healthcare environment.
- (ii) Patient room furniture will be designed in conjunction with healthcare professionals and facility residents and be tested to ensure durability, infection protection and control, and function.
- (iii) Furniture will conform to Upholstery Section under "Cleaning and Ease of Maintenance" for additional criteria related to durability.

(C) Construction

- (i) The quality and make of the product (its construction, finish materials, and maintenance requirements) will be suitable for long term use and be designed for intense performance.
- (ii) Products with sturdy, strong-engineered, replaceable components are preferred.
- (iii) Wood furniture should be avoided, particularly in clinical areas (such as patient rooms, waiting rooms, unit offices, nurses' stations, staff rooms, and conference rooms). Where utilized, wood pieces will be constructed of:
 - 1) Solid wood frames of kiln dried wood for added strength and long term durability.
 - 2) Frames capable of supporting varying weights and body types, and offering ease and reassurance to both patients and care providers.
 - 3) Wood completely coated over with an acceptable chemical resistant grade treatment.
 - 4) Plastic laminates can be used in place of real wood when a wood-look is desired.

(D) Seating

- (i) In waiting room and patient seating, steel tube construction and spring-seat construction are preferred.
- (ii) Seating with wall-saver legs or a wall-saver back design is preferred.

- (iii) Seating products with arms will include polyurethane arm caps rather than upholstered arm caps.
- (iv) See upholstered notes referenced throughout this document for information on upholstered seating products.
- (v) Seating should accommodate multiple users and continual 24 hours a day/7 days a week usage with warranties that ensure durability and longevity.
- (vi) Provide bariatric supported seating as well as typical healthcare seating with all seating made of sturdy construction and weighted to prevent tipping.

(E) Tables

- (i) For durability in waiting rooms and high traffic areas, horizontal table surfaces of solid surface material tops or plastic laminate are preferred.
- (ii) Wood completely coated over with an acceptable chemical resistant grade treatment can be used on vertical surfaces if plastic laminate is not available.
- (iii) Edges will feature an ergonomic profile for user comfort and be of durable material composition and construction.

(F) Workstations/Desks

- (i) Refer to individual specifications for material composition and finish information.
- (ii) When installed, two adjoining end panels of work surfaces will be leveled so work surfaces sit at the same height.
- (iii) Tackboard, if specified with desk and/or workstation, between hutch and worktop, will span from work surface top to underside of overhead cabinetry leaving no visible gaps, while, at the same time, managing task light wires, if specified with assembly.
- (iv) Front edge of keyboard platform will be set back from front edge of work surface and/or table.
- (v) All exposed work surface edges to have a rounded or waterfall edge.
- (vi) Any “smart” or “hardwired” furniture will be fully coordinated for proper circuitry and any other building requirements. Wire management to be hidden from view but accessible.

(G) Filing / Storage

- (i) Filing is for letter filing, unless specified otherwise. In order to maximize filing capacity, files will be set up for side-to-side filing.

- (ii) During installation, the conversion parts of the files will be left in the file to allow for front-to-back / side-to-side conversion at a later time.
 - (iii) Filing will be equipped with hanging frames and dividing bars at the time of installation.
 - (iv) At a minimum, two-drawer files will include a counter-balance package as recommended by the product manufacturer.
 - (v) Lockable storage will be keyed as per the Facility keying system. Keying schedule is to be determined with the Authority.
 - (vi) Handles to be ergonomic and ADA approved.
- (H) Cleaning and Ease of Maintenance
- (i) The size, shape, and design of the furniture will allow easy access for cleaning.
 - (ii) Materials, upholstery, and finishes will be capable of withstanding institutional grade detergents, cleaners, and disinfectants with no effect on the appearance, integrity, or life of the product. Selection will be based on the understanding of the principles of decontamination and maintenance requirements (able to withstand multiple applications of diluted disinfectants over time).
 - (iii) Manufacturers will need to provide detailed cleaning and disinfection guidelines prior to purchase along with a thorough listing of which cleaning products can be used on their products. Review instructions to ensure they are clear and cleanable with Authority approved detergents and disinfectants.
 - (iv) Other upholstered soft furnishings will have the following characteristics:
 - 1) Be seamless where possible or have double stitched seams, to prevent fluid penetration, located on the non-contact areas of the furniture or sealed.
 - 2) Upholstery detail to be minimal to allow for ease of cleaning and prevent build-up of material in fabric.
 - 3) Upholstered furniture in care areas will be covered with fabrics that are fluid-resistant, non-porous and can withstand cleaning with hospital grade disinfectants.
 - 4) Seating will have removable seat cushions within the field for cleanability and/or "clean-out" spaces between the seat and back and arms for lounge seating applications.

- 5) Seating will have removable upholstery covers for both the seat and back, if applicable. Attic stock of the removable upholstery covers will be ordered with the original purchase, in the amount of 5% of the total waiting room and patient room seating.
 - 6) Have high-density foam cores with a moisture barrier and resistance to mold.
- (v) Upholstery will:
- 1) be impermeable to water and quick-drying;
 - 2) be anti-microbial, and/or have anti-microbial inhibitor nanotechnology;
 - 3) have a good abrasion rating for areas of high-use and abuse (with a minimum to meet or exceed 100,000 DR (ASTM D4157- 02 Wyzenbeek Test Method);
 - 4) have a high-rating for color-fastness, exceeding 40 hours (AATCC Method 16A);
 - 5) have light-fastness for Northern demographic climates to avoid fading and discoloration;
 - 6) have stain-resistant treatments within the weaving process (avoid topical treatments that can wear over time);
 - 7) be latex-free;
 - 8) have low volatile organic compounds;
 - 9) contain no heavy metals;
 - 10) have no halogenated flame retardant materials or perfluorinated chemicals; and
 - 11) have limited use of polyvinyl chloride, avoiding use of polyvinyl chloride where possible.
- (l) Infection Prevention and Control
- (i) Organic finish substances (e.g. wood), which can be exposed to a liquid, and upholstered furnishings, will be avoided, or at least minimized, in areas where immune-compromised patients are present.
 - (ii) The use of impermeable upholstery (such as vinyl) is permitted in high-risk areas. High-risk applies to any areas specifically used by patients/residents/clients (including patient rooms and waiting rooms) and any area where a healthcare worker goes after providing direct patient care (including nursing station, staff lounge, report area, conference rooms and offices within patient care areas). Higher grade polyurethane fabrics are preferred (to avoid splitting), if they meet the requirements of the application.

- (iii) Durable, cleanable fabrics are appropriate in low risk areas. A low level of risk applies to any office areas where staff members are not providing direct patient care, or return to after providing direct patient care.

(J) Sustainability

- (i) Products will be GREENGUARD certified, and be designed to achieve reduced environment impact.
- (ii) If wood products are used, where possible, lumber will come from responsibly managed forests with FSC woods, with each piece utilized to its full capacity. Wood will have low formaldehyde emissions with little to no CFC's used in the production of the materials.

(K) Comfort, Ergonomics, and Safety

- (i) Waiting room furniture will be designed to promote comfort and long term durability.
- (ii) The product construction and design should avoid stress and fatigue to the patient.
- (iii) Seating will have the stability and engineering to assist the patient or visitor in entering and exiting the chair.
- (iv) All items of furniture (including tables) will be stable and will not move or tip over when touched by a person requiring support.
- (v) Furniture will not constitute a hazard for persons who have visual limitations and will be usable by persons with varying abilities and disabilities.
- (vi) Products will accommodate and facilitate comfort and well-being.
- (vii) Back support will be provided on seating pieces, through the use of a high or mid back, to provide adequate back support to various populations.
- (viii) A minimum of 20% of seating will be designed to meet bariatric requirements of 600 lbs.
- (ix) Task seating will be ergonomically correct with respect to the seat height and pan depth. Seating will be height adjustable, with height adjustable lumbar support to maintain correct body alignment, adjustable back rest tilt, adjustable seat pan depth, height, width, and swivel adjustable armrests. The seat pan will have a waterfall edge on the seat pan or a radius front seat cushion to avoid restriction of circulation to the lower legs. The overall dimensions will be appropriate for the vast majority of users. Task seating within the clinical areas should accommodate multiple users and continual 24 hours a day/7 days a week usage.

- (x) General meeting room seating will have a backrest recline function, be stackable, mobile, cleanable and durable.
 - (xi) Boardroom/conference room seating will be height adjustable, feature a backrest recline function, be mobile, cleanable and durable.
 - (xii) Waiting room seating will include armrests to aid sitting and standing and have a raised seat pan for hip and knee considerations.
 - (xiii) All behavioural areas will receive furniture that are not harmful or will not allow patients to injure themselves or others. Security and safety are the main concern.
- (L) Office and Workstation Allocation Guidelines
- (i) Single-user or multi-user workstations for computer, reading, and writing:
 - 1) Height: Allow leg clearance and movement under the work surface and keyboard to be placed at elbow height for most users (27- 1/4 inches, 692 mm). Work surface to have adjustability for varying heights.
 - 2) Depth: Allow room for keyboard, document holder between the keyboard and monitor and monitor positioned for comfortable viewing (30 inches, 760 mm). Additional depth may be required depending on the tasks completed at the workstation.
 - 3) Width: Accommodate keyboard and mouse, telephone, writing and reading areas (min. 27.6 inches, 700 mm). Additional width depending on tasks completed at the workstation.
 - (ii) Verify field measurements to ensure proper clearance for fitting items per the specifications and drawings.
- (M) Supplemental Standards and/or Guidelines:
- (i) In addition to the above listed features, furnishings will be designed and specified in accordance with all appropriate ergonomic design principles and best design practices of the Authority. Products will also meet minimum criteria set out in the NBC and in accordance with the Safety Act (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories.

- (ii) The Facility and its components must be accessible by people with different functional capacities including, children, the elderly, handicapped, and the disabled as defined in NBC. Apply “universal design” principles in the design and planning to ensure the furnishings are usable by all people without the need for specialized design or adaptation. Counters, desks, and work surfaces in non-office areas will include wheelchair access for both patients and the public.
 - (iii) Products, including foam and panel upholstery, will be fire retardant to meet applicable building code requirements.
 - (iv) In undertaking the design and construction of work stations, utilize best practices with regards to human comfort and ergonomics.
 - (N) Furniture List and Specifications
 - (i) The furniture is described in the Equipment List, in Appendix 2D [Equipment and Furniture], in generic terms and by a furniture identification number. Existing furniture that can potentially be reused and/or relocated has also been identified. The quantity column demonstrates the proposed number of identical items in a room. All room numbers, room names, and department names are the same or are derivatives of the Clinical Specifications.
 - (ii) Furniture pieces and layouts will follow the accessibility principles of the Facility as a whole. Refer to Accessible Design Section 3.10.
- (c) Laboratory Casework
 - (1) General Approach
 - (A) Provide laboratory casework:
 - (i) for the specific and particular functions to be performed by the casework;
 - (ii) to give the end users a good working ergonomic environment that is suited to their specific needs; and
 - (iii) with structural rigidity and chemical resistivity to withstand the service conditions for which they are exposed.
 - (B) All casework will be modular and consistent throughout the Facility. Combination of floor mounted casework and leg frame casework. Sit / stand capabilities to be determined specific to the user.
 - (C) All casework will be lockable and keyed to Facility standard.

- (D) Casework will be wood, metal and/or epoxy resin, selected to minimize cleaning and maintenance operations and maximize infection control capabilities. Refer to Section 6.6 Wood, Plastics and Composites (including Millwork) (Division 06) regarding use of wood.
 - (E) All epoxy resin material bench tops will be acid and heat resistant.
 - (F) Provide all lab benches with cabinets for approximately 50% of the length of the benches.
 - (G) Lab bench systems will hide and organize the supply of instrument tubing, gases, suction, valves, electrical and/or communication/data cables, outlets, boxes, and services that each department requires within a concealed service trough.
 - (H) Casework will comply with all applicable standards, including:
 - (i) at a minimum, the quality standards of the Architectural Woodwork Manufacturer's Association of Canada (AWMAC) for Premium Grade; and
 - (ii) the NBC, GNWT, and City of Yellowknife "barrier free" requirements.
 - (I) Use non-toxic, non-solvent adhesive glue complying with AWMAC Quality Standards Manual, and that of Canadian "Eco-Logo" program or equivalent, with a Total Volatile Organic Compounds (TVOC) emissive content of 20 gr/litre.
 - (J) Provide casework anchorage that complies with the seismic restraint requirements of NBC.
 - (K) Provide casework stabilization and securement to avoid or eliminate vibration from equipment such as centrifuges, etc.
 - (L) Steel for cabinet construction for laboratory casework will be levelled prime quality furniture grade cold rolled steel, with 0 to 12" (305mm) adjustable levelers.
- (2) Cabinets
- (A) Cabinet parts and sub-assemblies (doors, drawers, tracks and back panels) will be interchangeable in the field without requiring special tools. Doors and drawers will be interchangeable with like-sized cabinets. Cabinets will be constructed so that a standard height drawer can be removed and two ½ height drawers installed in its place. Likewise, a cupboard door or doors can be removed and replaced by a like-sized combination of drawers or vice versa. This interchangeability will permit rearrangement in the field of all components in addition to being able to relocate the entire cabinet, should changing needs dictate a revision in the layout of cabinets.
 - (B) Cabinet size to be manufacturer typical within a 6" (152mm) increment. Cabinet depth to be determined upon approved layout.

- (C) All cabinets are to be enclosed with lockable doors; hardware will be stainless steel.
- (D) Provide modesty panels where the back of the benches are exposed.

(3) Wood Laboratory Casework

- (A) Cabinetwork and framing system will be constructed of prime grade selected materials to conform to AWMAC Premium Grade; Flush Overlay Cabinet construction.
- (B) Fabricate cabinets and cases as self-contained modules and in accordance with the best practices of the wood laboratory furniture industry. Finish exterior and interior surfaces to allow for relocation without the need of additional finishing.
- (C) Assemble units with concealed fasteners, or glued and screwed construction, making each unit rigid and self-supporting for use interchangeably in an assembly or for single unit use.
- (D) Use epoxy resin counter/bench tops and splash backs, to be provided in minimum two different colours, black in microbiology and different for the remaining use.
- (E) Finish exposed wood surfaces with a polymerizing two-component catalytic conversion varnish system specially formulated for chemical reagent resistance. The individual components will be chemically compatible to assure perfect adhesion and a top quality, durable finish.
- (F) Upper cabinets to have tempered glazed doors, adjustable shelving, and sloped tops.

(4) Stainless Steel Casework

- (A) Fabricate from Type 316L, 18 gauge, No. 4 finish stainless steel.
- (B) Corners will be welded, ground, polished and crevice-free. Joints and welds will be polished to a uniform No. 4 satin finish. No filler or solders will be used. Straight lengths will be one-piece with all seams, including field joints, welded.
- (C) Sound-deaden tops and reinforce with waterproof plywood core, bonded to tops with waterproof contact cement. Seal underside of top (plywood core) with a waterproof finish. The front edges of the tops will be marine edge. Form splashback as an integral part of the tops, radiused where the splashback occurs in the top. Bond all splashbacks to plywood core, bonded the same as specified for the tops. Fabricate countertops, splashbacks, and front aprons out of one piece of stainless steel. Weld counter and sink assemblies into single units without seams or joints. Drill splashbacks, tops and sinks to receive plumbing and electrical fittings.

- (D) Form integral sinks with all-welded rounded corners, seamless construction with all traces of welding removed. Weld stainless steel sinks integrally into tops without seams or joints. Slope tops for sinks and adjacent drain boards to sinks. Provide sinks with drain outlets with removable stainless steel strainer. Stainless steel bench and or counter tops are required where staining or similar procedures are performed.

(5) Leg Frame Laboratory Casework System

- (A) The leg frame system will provide complete independent rigid support for all overhead shelving, undercounter suspended cabinets, service cover panels, countertops, sinks and fittings including all mechanical and electrical line work, as necessary to make the assembly operational.
- (B) The concept will permit the addition, relocation or removal of suspended base cabinets, the removal of the entire leg frame module including base cabinet and countertop, leaving intact the separate service strip with all its service fittings, service lines and cover panels as a finished operational component. The countertop height will be designed to be from desk to counter height adjustable without the addition of framing components.
- (C) Base framing modules on basic standard cabinet modules.
- (D) Steel frame will comprise vertical wall channels and independent self-contained pipe chase and leg sets which will allow for the removal and/or interchange of work surfaces, and suspended under-counter mounted cabinets and upper shelving. Determine pipe chase location in consultation with the Authority.
- (E) Fabricate system from prime quality furniture grade cold rolled steel. Form all components to create a rigid interlocking structure. All services will be fully accessible through removable cover panels, no special assembly tools are required. Bench legs to be fully adjustable. All legs will have leveler bolt. Suspended cabinets will be interchangeable and easily moved from workstation to workstation. Adjustable leg frame modules will be capable of adjusting countertop heights in 25 mm increments from 750 mm height up to 1100 mm height.
- (F) Finish for steel surfaces will be as specified above.

(6) Miscellaneous Accessories

- (A) Laboratory casework will include the following accessory items:
 - (i) countertops and splashbacks;
 - (ii) service fittings;
 - (iii) drying racks;
 - (iv) pegboards;
 - (v) acid storage cabinets;

- (vi) solvent storage cabinets;
- (vii) chemical/biohazard storage;
- (viii) flammable storage;
- (ix) fire cabinet for explosive storage;
- (x) glassware drying cabinets;
- (xi) framed sliding glass doors;
- (xii) sliding glass doors;
- (xiii) open storage units;
- (xiv) emergency eye wash;
- (xv) emergency shower head;
- (xvi) safety shower station;
- (xvii) bin cabinets;
- (xviii) file drawer cabinets;
- (xix) mobile cabinets;
- (xx) bin cabinets;
- (xxi) lighting;
- (xxii) computer / CPU holders;
- (xxiii) retractable keyboard trays;
- (xxiv) drawer slides/pullout writing boards;
- (xxv) filler and gables;
- (xxvi) standards and brackets, dividers, shelves;
- (xxvii) toe-kick ventilation grilles;
- (xxviii) 5" (127mm) aprons;
- (xxix) heavy-duty slides/fully extended runners;
- (xxx) hasp locks;
- (xxxi) casters; and
- (xxxii) lazy-susan inserts for corner units.

(d) Window Coverings

- (1) Provide window coverings as follows:
 - (A) all exterior windows are to receive shading devices providing privacy, sun and heat control, that are easy to clean and do not support or provide a surface that encourages spread of infectious disease (i.e. do not become electrostatically charged);
 - (B) roller shades are preferred for use on exterior windows; and
 - (C) all interior windows to receive blinds where privacy may be a concern, as identified by the Authority, with type of shade varying based on usage and occupant;
 - (D) provide motorized shade controls in atrium with sensors;
 - (E) manual controlled blinds to have breakaway cords; and
 - (F) conference and meeting rooms to have blackout capabilities along with shading characteristics.
- (2) Blinds will be selected to provide optimum privacy, sun and heat control, are easy to clean, are not prone to become electrostatically charged and their surface does not encourage the spread of infectious disease.
- (3) Window coverings will allow control of exterior light entering the room during daylight hours and provide privacy during daylight and non-daylight hours.
- (4) Provide black-out window coverings for all patient rooms in the ICU and provide motorized black-out window coverings in the operating rooms.
- (5) Where window coverings are required for black-out functions, provide materials, tracks, seals, and operation suited to that purpose.
- (6) Use window coverings manufactured from materials and mechanisms that minimize cleaning and maintenance operations and maximize infection prevention and control.
- (7) Horizontal venetian blinds are also discouraged other than for between-glass installation. Roller shades and vertical blinds are preferable.

(e) Window Shade Systems

- (1) Use manual and motorized roller shades with one piece extruded aluminum roller tube, extruded vinyl fabric spline, aluminum profile hem bars.
- (2) Install recessed in ceiling pockets, facilitating easy removal and replacement. Use galvanized or zinc-plated steel mounting brackets and non-corrosive fasteners.

- (3) Use shading fabric of non PVC coated fibreglass yarn and that:
 - (A) is waterproof, washable, rot-proof, flame-resistant, fungal and bacteria-resistant, colourfast to light, glare-reducing, and able to control heat gain and provide external visibility;
 - (B) conforms to CAN/CBSB-4.162-M, "Hospital Textiles - Flammability Performance Requirements"; and
 - (C) is tested in accordance with ASHRAE Standard 74073 for shading coefficient, fungal resistance in accordance with ASTM G21, and bacterial resistance.
 - (4) Audiovisual light blocking shades: Fabricated from black-out shade panel material, designed to eliminate all visible light gaps when shades are fully closed.
 - (5) Manual shade operation with continuous loop bead chain, clutch, cord tensioner and bracket lift operator.
 - (6) Motorized operation utilizing in-tube motor drive, externally located control wheels, and manual switch control.
- (f) Venetian-Type Blinds between Glazing
- (1) Provide integral blinds, with controls on both sides, in interior glazing windows in the following rooms:
 - (A) Intensive Care Unit / Telemetry Unit: In between adjacent patient rooms, and from the charting counters at corridor outside;
 - (B) Medical / Surgical Inpatient Rooms, Maternity, Newborn and Pediatric Inpatient Rooms, Psychiatric Inpatient Rooms: Viewing window from corridor or nursing station outside;
 - (C) Isolation Patient Rooms: Viewing window from corridor or nursing station outside;
 - (D) viewing windows between Ante Room into the Isolation Patient Rooms; and
 - (E) Emergency Department Ante Room into the Decontamination Room.
 - (2) In special areas such as the Mental Health / Psychiatry Department, construct windows with blinds suited to the purposes unique to those areas and in accordance with the Ministry of Health Standards for Hospital-Based Psychiatric Emergency Services: Observation Units.
 - (3) Provide black-out capable blinds for viewing windows between the scrub sinks and operating room in Ophthalmic Surgery.
 - (4) Blinds for the viewing windows between scrub sinks and procedure rooms will be motorized and remote operable.

- (5) Blinds will consist of tempered aluminum alloy slats uniformly spaced and 100% interlaced between cross-ladders on at least one tape. Use tapes with no special end rails required to attach the suspension members from the window opening to the blind.
 - (6) Use a hardware/window design that does not allow air movement from a room to adjacent rooms. Openings in the glazing plane are not allowed.
 - (7) The operator will be a specially constructed, permanent magnet capable of moving the blind assembly from a closed position in one direction to a closed position in the opposite direction.
- (g) Living Green Wall (Division 12)
- (1) Living wall system including but not limited to: support system mounted to structural wall; installation of growing medium; installation of aspects of water and irrigation system; installation of plant material; required hardware and accessories. All portions of the living wall system must be proven by Project Co to meet all infection prevention and control requirements.

6.13 Special Construction (Division 13)

- (a) Radiation Protection
- (1) Verify and comply with all applicable requirements of the National Council on Radiation Protection and Measurement (NCRP) as well as those of all other respective and necessary codes, standards and legislation.
 - (2) Provide radiation protection in walls, doors, floors, ceilings and windows as required and appropriate to protect staff and patients from x-ray, imaging digitizing, CT scanner, radiology, nuclear medicine radioactive storage decay and other rooms in the radiation protection shield.
 - (3) Provide radiation protection by incorporating lead sheet of appropriate weight and thickness into wall and door assemblies and leaded glass manufactured for radiation shielding purposes into window assemblies.
 - (4) Radiation shielding will be 9.75 kg/m^2 , not less than 0.9 mm lead to 2.1 m above the floor level as a minimum.
 - (5) For sheet lead, comply with ASTM B749 Standard Specification for Lead and Lead Alloy Strip, Sheet and Plate and meet or exceed Federal Specification QQL-201F Grade C.
 - (6) For lead-lined gypsum board, comply with ASTM C36 or and ASTM C1396/1396M, Type X.
 - (7) For lead glass, meet or exceed Federal Specification DD-G-451.
 - (8) For cassette transfer cabinets, meet or exceed MIL-C-3673 (DM) Radiation shielded.
 - (9) For radiation shielded doors, meet or exceed American National Standards Institute / National Woodworkers Manufacturers Association (ANSI / NWMA) Industry Standard for wood doors and NCRP Report #49.

- (10) Fabricate radiation-shielded doors using a single layer of sheet lead with wood core laminated on each side of the lead. Bond cores using poured lead dowels at edges.
 - (11) Fabricate radiation-shielded door frames with lead-lining.
 - (12) Lead glass or lead louvers occurring in radiation shielded doors will be equivalent rated to sheet lead in doors.
 - (13) For lead-laminated gypsum wallboard, use a single unpierced sheet of lead.
 - (14) For sheet lead applied directly to partition steel studs, provide a continuous and complete protective shield.
 - (15) Provide radiation shielding barriers, mobile or fixed, modular and transparent barriers to protect medical personnel by providing a full body shield. Provide units with distortion-free, lead-plastic windows.
- (b) Cooler and Freezer Rooms
- (1) Provide walk-in cooler and freezer rooms, with freezer room floors recessed into the slab for “flush” walk-in for new Construction. For the Existing Hospital, review existing capabilities. If condition exists whereby recessing is not possible, surface mounted will be accepted with appropriate ramp for access.
 - (2) Design room enclosure elements to accommodate movement in wall and structural movements without permanent distortion, damage to infills, racking of joints, breakage of seals, water penetration or glass breakage.
 - (3) Design temperatures for cooler and freezer rooms will be as follows:
 - (A) Cooler rooms: + 2°C to + 10°C
 - (B) Freezer rooms: -10°C to -25°C, with normal operation at + 4°C +/- ½°C
 - (4) Design floor, wall and ceiling panels to comply with ULC/ORD-C376 “Fire Growth of Foamed Plastic Insulated Building Panels in a Full-Scale Room Configuration”.
 - (5) Design floor, wall and ceiling panels with tongue and groove joints to achieve a maximum air leakage rate of 75 Pa°F 0.00 m³/h-m² and a water vapour permeance rate of 0.00 perms in accordance with ASTM E283 “Air Leakage Rate Testing” and ASTM E96” Water Vapour Permeance Rate Testing”.
 - (6) Design ceiling panels with internal reinforcing to provide a maximum deflection of 1/240 of span under uniform loading of 20 psf and to support refrigeration systems.
 - (7) Design room assembly to permit replacement of components.
 - (8) Allow for ceiling, piping, conduit and other interior dead loads imposed on the structure.

- (9) Provide components and accessories as follows:
- (A) Floor, wall and ceiling panels: Fabricated from commercial grade galvanized steel conforming to ASTM A526M with zinc coating to ASTM A525M, designation Z275, and finished on exposed surfaces with manufacturer's standard baked white enamel.
 - (B) Panel insulation: Foamed-in-place polyurethane.
 - (C) Doors: 915 mm x 2115 mm of same panel construction as panels, with soft perimeter gaskets, manufacturer's standard pre-wired light switch, dial thermometer, heavy duty door closer, spring loaded and self-closing hinges, latch, pull handles, kickplate and threshold plate. Furnish freezer doors with anti-condensate heater, heated vent and pre-wired sill.
 - (D) Provide self-supporting steel shelving racks in cooler rooms.
 - (E) Refrigeration system: Self-contained air cooled condensing units mounted on walk-in units, and forced-air evaporators mounted on interior of units. Capacities, air delivery and dimensions to manufacturer's design. The cooling units are to consist of minimum two separate units per room to provide full cooling capacity redundancy for servicing and maintenance.
 - (F) Lighting: CSA approved vapourproof box with standard incandescent light fixture pre-wired to switch on door frame.
 - (G) Alarms: Modulam MT, 1 local and remote to the BMS for each room.

6.14 Conveying Equipment (Division 14)

- (a) Basic Requirements for Elevators
- (1) Provide an elevator study to demonstrate the number, type and distribution of elevators required to service the Facility. Provide, as applicable, separate public elevators, service elevators, dedicated clean and soiled elevators from the MDR to the surgical suite, and patient transfer elevators, with redundancy, to allow smooth transport of the public to public visiting zones, patient transport between relevant departments, and back of house delivery of goods and services. Use good design practice, taking into consideration infection prevention and efficient flow.
 - (2) The elevator and systems will be designed to accommodate the requirements / needs of the Facility in a manner which contributes to the overall efficiency and effectiveness of the hospital operations.
 - (3) Elevator systems will be designed to ensure there is sufficient capacity to accommodate the wide range of user and functionality requirements, in a manner which satisfies expectations for safety, reliability, responsiveness, accessibility and operational efficiency.
 - (4) Provisions will be considered for persons with special mobility needs and other forms of disabilities, such as learning difficulties or mental disorders.

- (5) Elevators will support access provisions, for people and materials, to all functional areas. Elevator access to all building levels, including mechanical levels, will be provided by at least one elevator.
 - (6) Equipment provided will have a proven track record of at least five years field operation in Canada in similar environments and of similar configuration.
 - (7) Durable elevator cab finishes (including stainless steel fronts as well as hand and bumper rails) will be provided.
 - (8) Emergency power operation of elevators will be provided such that all elevators are fed with emergency power and they are all capable of operating simultaneously. Coordinate with electrical design & requirements.
 - (9) Elevators used for support services will be configured with platforms to accommodate easy movement of material carts. Requirements for transport of heavy equipment will be considered and accommodated by at least one elevator.
- (b) Performance Criteria for Elevators
- (1) Provide passenger and service elevators as required to meet the following performance requirements:
 - (A) Population: Provide elevators to serve the number of beds and total population expected in the Facility.
 - (B) For parking applications population will be based on 2 persons per vehicle and the assumption that the parking garage can completely turn over in a one (1) hour period. (i.e. total population = 2 persons x # of parking stalls x 2 (for in & out traffic)).
 - (C) Handling capacity: Passenger elevators will have a handling capacity of at least 12% of the total population for a peak 5 minute period. (Handling capacity refers to the number of passengers that are transported by the elevator for a certain period of time). Service elevators will be capable of transporting 4 full size ambulance stretcher per 100 beds, plus 12% of the staff population, in a peak 5 minute period.
 - (D) Interval: For adequate elevator service, an interval of 30 to 50 seconds is required for both passenger and service elevators. The interval is defined as the average time between an elevator leaving a floor and the next elevator returning to the floor.
 - (E) Waiting time: Average waiting time will not exceed 30 seconds. Maximum waiting time will not exceed 120 seconds. Waiting time will be measured from the moment elevator call is registered until an elevator arrives at the designated level.
 - (F) Load factor: All elevators will provide adequate service with a load factor below 40%. Load factor refers to the number of passengers transported by each elevator during one trip expressed as a percentage of the maximum number of passengers permitted by the Safety Code for Elevators and Escalators (CSA B44).

- (G) Service elevator cabs: Non-public elevators used to transport patients will be able to accommodate a bariatric bed, up to four staff, four IV pumps, portable ventilator, oxygen tanks and monitors and have enough space to allow for staff to carry out emergency procedures within the elevator.
- (2) Arrange the equipment such that there are no timers, dates, trip counters, or other counters that would shut down the equipment or change its operation.
- (c) Scope of Work for Elevators
 - (1) Supply and install elevators as required to meet the needs of the Facility. Provide all necessary components to make elevator systems fully operational and functional, whether or not specifically referenced in this outline specification.
 - (2) Provide all permits, labour, materials, products, equipment, services and all else necessary for the design, manufacture, delivery, installation and services required for a complete and fully functioning elevator system.
 - (3) Obtain and pay for design submission, registration, inspection and permit, as required (except for ownership and operating license), and make such tests as required by the safety authority prior to licensing.
 - (4) Codes, By-Laws, and Regulations
 - (A) Provide equipment and perform work in accordance with the latest edition of the B44 Safety Code for Elevators and any other code which may govern the installation.
 - (5) Training
 - (A) At the completion of the job, provide a training session for the Authority consisting of a review of the documentation.
 - (6) Programming
 - (A) Program the elevators to integrate with communication, networks, fire alarms, and other systems in the Facility, to the approval of the Authority.
 - (7) Barrier-Free Access
 - (A) Arrange the controls and fixtures to meet barrier-free access requirements of the B44 Safety Code for Elevators Appendix E (latest edition) and any other code which may govern the installation.
 - (8) Fixtures
 - (A) Provide a choice of fixtures from a third party supplier and the manufacturer's standard products.
 - (B) Provide buttons with LED illumination and stainless steel targets.

- (9) Operating Conditions
 - (A) Provide equipment that will operate normally when the machine room and hoistway temperature is between 5 and 35 degrees Celsius.
 - (B) Provide equipment that will operate normally when the power supply is within 10 percent of its rated voltage.
- (10) Seismic Requirements
 - (A) Comply with Section 8.4 (Elevator Safety Requirements for Local Seismic Risk Zone) of the B44 Safety Code for Elevators and any other code which may govern the installation.
- (11) Maintainability
 - (A) Arrange the equipment such that there are no timers, dates, trip counters, or other counters that would shut down the equipment or change its operation.
- (12) Equipment Summary
 - (A) Passenger elevators will, at a minimum, meet the requirements set out in the table below:

PASSENGER ELEVATORS	
NUMBER	TWO (2) OR MORE TO SUIT THE NEEDS OF THE FACILITY
TYPE	PASSENGER ELEVATORS
TYPE OF MACHINE	GEARLESS OVERHEAD TRACTION OR MACHINE ROOM LESS (MRL)
MACHINE ROOM LOCATION	OVERHEAD
ALTERNATIVE CONTROL ROOM LOCATION	ADJACENT TO TOP LANDING OR HOISTWAY OVERHEAD
DRIVE	AC VVVF
LOAD (CAPACITY)	MIN. 4000 LB. (1820 KG) TO SUIT THE PERFORMANCE REQUIREMENTS
CLASS OF LOADING	PASSENGER CLASSIFICATION AND CLASS A GENERAL FREIGHT LOADING
CAR SPEED	TO SATISFY THE PERFORMANCE REQUIREMENTS
OPERATION	GROUP SUPERVISORY SYSTEM; FULL SELECTIVE COLLECTIVE

CONTROL	MICROPROCESSOR
NUMBER OF STOPS	PROVIDE SERVICE TO ALL FLOORS TO SUIT THE FACILITY
OPENINGS	FRONT OPENINGS ONLY (DO NOT PROVIDE BOTH FRONT AND REAR OPENINGS)
HOISTWAY SIZE	TO SUIT THE EQUIPMENT
CAB INSIDE DIMENSIONS	MIN. 7'-8" (2340) W X 5'-5" (1650) D
HOISTWAY OVERHEAD CLEARANCE	TO SUIT THE EQUIPMENT
PIT DEPTH	TO SUIT THE EQUIPMENT
CAB HEIGHT	9'-0" (2745)
DOOR TYPE	CENTRE OPENING
DOOR SIZE	MIN. 4'-0" (1220) WIDE X 7'-0" (2134) HIGH
CAR OPERATING PANEL	TWO (2) PER CAR
CAR POSITION INDICATOR	TWO (2) PER CAR
IN-CAR RIDING LANTERNS	NONE
HALL BUTTONS	MIN ONE (1) RISER FOR UP TO THREE (3) CARS, IF GREATER THEN THREE (3) CARS THEN PROVIDE A MIN. OF TWO (2) RISERS
HALL LANTERNS	AT ALL LANDINGS
HALL POSITION INDICATORS	AT MAIN FLOOR LEVELS ONLY

- (B) Service elevators will at a minimum, meet the requirements set out in the table below:

PATIENT TRANSFER / SERVICE ELEVATORS	
NUMBER	GROUPS OF TWO (2) OR MORE TO SUIT THE NEEDS OF THE FACILITY
TYPE	PASSENGER / SERVICE ELEVATOR

TYPE OF MACHINE	GEARED OR GEARLESS OVERHEAD TRACTION
MACHINE ROOM LOCATION	DIRECTLY OVERHEAD THE HOISTWAY
DRIVE	AC VVVF
LOAD (CAPACITY)	MIN. 8000 LB. (3630 KG)
CLASS OF LOADING	PASSENGER CLASSIFICATION AND CLASS A GENERAL FREIGHT LOADING
CAR SPEED	TO SATISFY THE PERFORMANCE REQUIREMENTS
OPERATION	GROUP SUPERVISORY SYSTEM; FULL SELECTIVE COLLECTIVE
CONTROL	MICROPROCESSOR
NUMBER OF STOPS	PROVIDE SERVICE TO ALL FLOORS TO SUIT THE FACILITY. AT LEAST ONE (1) CAR WILL ALSO SERVICE ANY INTERSTITIAL OR MECHANICAL FLOOR LEVELS.
OPENINGS	FRONT ONLY OR FRONT AND REAR OPENINGS TO SUIT THE FACILITY
HOISTWAY SIZE	TO SUIT THE EQUIPMENT
CAB INSIDE DIMENSIONS	MIN. 7'-0" (2135) W X 10'-0" (3050) D
HOISTWAY OVERHEAD CLEARANCE	TO SUIT THE EQUIPMENT
PIT DEPTH	TO SUIT THE EQUIPMENT
CAB HEIGHT	9'-0" (2745)
DOOR TYPE	TWO SPEED CENTRE OPENING
DOOR SIZE	6'-0" (1830) WIDE X 7'-0" (2135) HIGH
CAR OPERATING PANEL	ONE (1) PER CAR IF FRONT OPENINGS ONLY OR TWO (2) PER CAR IF FRONT AND REAR OPENINGS ARE USED.
CAR POSITION INDICATOR	ONE (1) PER CAR IF FRONT OPENINGS ONLY OR TWO (2) PER CAR IF FRONT AND REAR OPENINGS ARE USED.
IN-CAR RIDING LANTERNS	NONE

HALL BUTTONS	MIN ONE (1) RISER FOR UP TO THREE (3) CARS, IF GREATER THEN THREE (3) CARS THEN PROVIDE A MIN. OF TWO (2) RISERS
HALL LANTERNS	AT ALL LANDINGS
HALL POSITION INDICATORS	AT MAIN FLOOR LEVELS ONLY

- (C) Dedicated surgical processing elevators (if provided) will at a minimum, meet the requirements set out in the table below:

DEDICATED SURGICAL PROCESSING ELEVATORS	
NUMBER	CLEAN (STERILE) AND DIRTY (SOILED) ELEVATORS AS APPLICABLE TO SUIT THE NEEDS OF THE FACILITY
TYPE	PASSENGER/SERVICE ELEVATOR
TYPE OF MACHINE	MACHINE ROOM LESS (MRL)
CONTROL ROOM LOCATION	ADJACENT TO TOP LANDING OR HOISTWAY OVERHEAD (LOCATED REMOTELY IF NECESSARY TO BE OUTSIDE OF STERILE AREAS)
DRIVE	AC VVVF
LOAD (CAPACITY)	MIN. 4500 LB. (2045 KG)
CLASS OF LOADING	PASSENGER CLASSIFICATION AND CLASS A GENERAL FREIGHT LOADING
CAR SPEED	TO SATISFY THE PERFORMANCE REQUIREMENTS
OPERATION	SIMPLEX; FULL SELECTIVE COLLECTIVE
CONTROL	MICROPROCESSOR
NUMBER OF STOPS	SURGICAL PROCESSING AND OPERATING ROOM LEVELS ONLY
OPENINGS	FRONT ONLY OR FRONT AND REAR OPENINGS TO SUIT THE FACILITY

HOISTWAY SIZE	TO SUIT THE EQUIPMENT
CAB INSIDE DIMENSIONS	MIN. 5'-8" (1725) W X 7'-11" (2415) D
HOISTWAY OVERHEAD CLEARANCE	TO SUIT THE EQUIPMENT
PIT DEPTH	TO SUIT THE EQUIPMENT
CAB HEIGHT	8'-0" (2440)
DOOR TYPE	TWO SPEED SIDE OPENING
DOOR SIZE	4'-0" (1220) WIDE X 7'-0" (2135) HIGH
CAR OPERATING PANEL	ONE (1) PER CAR IF FRONT OPENINGS ONLY OR TWO (2) PER CAR IF FRONT AND REAR OPENINGS ARE USED.
CAR POSITION INDICATOR	ONE (1) PER CAR IF FRONT OPENINGS ONLY OR TWO (2) PER CAR IF FRONT AND REAR OPENINGS ARE USED.
IN-CAR RIDING LANTERNS	NONE
HALL BUTTONS	ONE (1) RISER
HALL LANTERNS	AT ALL FLOORS
HALL POSITION INDICATORS	AT ALL FLOORS

- (D) Provide a gearless traction hoisting machine located within the hoistway.
- (E) Provide an automatic reset governor located in the hoistway that can be maintained from the car top. When the governor has tripped, arrange that it will be reset when the car is moved in the up direction and provide means to remotely activate the governor for testing purposes.
- (F) Provide an electronically released and monitored brake system, to permit momentary nudging of elevator within the hoistway under test or emergency conditions.
- (G) Provide a control room that allows full body access and permits maintenance and other work to be done with the control room door in the closed position.
- (H) Locate control room adjacent to the top of the elevator hoistway or remotely at roof level, immediately above, or in near proximity to elevator core if necessary.

- (13) Elevator Machine and/or Control Room Equipment — All Elevators
- (A) Provide a non-proprietary elevator control system that is microprocessor-based with sophisticated group dispatching capability.
 - (B) Provide a spring applied electric brake, held open by an electro-magnet actuated by the controller. Design the brake to automatically apply in event of interruption of power supply from any cause.
 - (C) Provide sound and vibration isolation pads such that there is no direct contact between the machine and the building structure.
 - (D) Provide an emergency brake to stop the elevator if it overspeeds or if it moves more than 500 mm (20") away from the floor with the doors open.
 - (E) Provide a solid state drive complete with isolation transformers, filters (to meet IEEE Standard 519-1992 for Special Applications), and isolation pads.
 - (F) Provide a digital velocity encoder on the motor, giving feedback to the controller on motor speed and position.
 - (G) Provide a microprocessor based controller consisting of relays, contactors, switches, capacitors, resistors, fuses, circuit breakers, overload relays, power supplies, circuit boards, static drive units, wiring terminal strips, and related components all enclosed in a cabinet with hinged door panels.
- (14) Hoistway Equipment – All Elevators
- (A) Provide entrances consisting of doors, frames, sills, sight guards, door hangers, tracks, interlocks, door closers, gibs, and all other equipment required for a complete installation. Provide entrance doors and frames finished in brushed stainless steel.
 - (B) Provide standard 'T' section steel guide rails for the car (and counterweight). Install guide rails using brackets fastened to the building structure. Clamp the guide rails to the bracket with clips arranged to prevent any horizontal movement of the rail. Join the rail sections using steel backing plates.
 - (C) Provide hoist ropes/belts of sufficient size and number to lift the load and ensure proper wearing qualities. Provide either steel ropes consisting of at least six strands wound around a hemp core centre or polyurethane coated belts with high-tensile-grade zinc-plated steel cords. Ensure that all the ropes for a particular elevator are from the same manufacturing run.
 - (D) Provide a counterweight to counterbalance the elevator for smooth and economical operation with cast iron or steel plate weights contained in a structural steel frame. Provide a counterweight equal to the weight of the elevator car plus between 40 and 50 percent of the rated capacity.
 - (E) Provide for the car (and counterweight) spring mounted roller guides located at the top and the bottom of the car (and counterweight frame).

- (F) Provide fascias from each hall sill to the entrance header below. Include express zones. Extend the fascias into the pit and the overhead.
 - (G) Provide a car frame constructed of steel channels and a platform constructed of steel channels with a wood or metal sub-floor. Isolate the frame and platform from one another so that there is no metal to metal contact in order to prevent the transmission of noise and vibration. Mount the elevator cab shell on the platform in alignment with the hoistway entrances. Isolate the cab from the car frame and platform.
- (15) Cab Equipment – All Elevators
- (A) For public / passenger elevators, provide factory standard cab interior finishes, raised plastic laminate cab wall panels, sectional suspended ceiling with LED Lighting, cab front & car door panels of stainless steel #4 brushed finish. 50 mm diameter stainless steel cylindrical handrails.
 - (B) For service and dedicated surgical processing elevators (if required) provide factory standard cab interior finishes, rigidized stainless steel 5WL cab wall panels, sectional suspended ceiling with fluorescent lighting and translucent panel diffusers, cab front & car door panels of stainless steel #4 brushed finish. 100 mm flat bar stainless steel handrails and 200 mm flat bar stainless steel bumper rails.
 - (C) Provide three dimensional type Infrared light beam type door detector edges that reliably detect carts, wheelchairs, etc. of varying heights and finishes, including chrome. The depth of the infrared zone will be field adjustable.
 - (D) Provide car doors, jambs, headers, hangers, tracks, door closers, gibs, electrical contacts, and all other equipment required for a complete installation.
 - (E) Provide swing return or applied faceplate car stations incorporating floor push buttons, door open and close buttons, an alarm button, and other fixtures required for normal operation. Provide for each floor button a call registered light and momentary audible tone. Provide a firefighters' emergency operation panel. Provide below the car station a locked service cabinet containing devices other than those used for normal operation. Engrave the car station with the elevator capacity, identification number, government installation number, and other markings required by code.
 - (F) For patient transfer / service elevators and dedicated surgical processing elevators (if required) provide door hold open push button in car operating panels.
 - (G) Provide a 110 V power outlet in each car in one of the car panels in a locked service cabinet
 - (H) Provide a digital (dot matrix or segmented) car position indicator located above each car station with a minimum 50 mm (2") high display.
 - (I) Do not install any certificates or licences in the cab.

- (J) Provide a voice announcer for each elevator with automatic verbal announcement of each floor at which the elevator stops. Provide a system that will handle a variety of other messages and indications as may be required by the Authority at a later date.
 - (K) Provide a two speed exhaust fan mounted in the cab top.
 - (L) Provide one set of cab protective pads for each group of elevators that cover all walls and the cab front return panel along with pad hooks. Provide pad hooks in each elevator.
 - (M) Provide a heavy duty closed loop door operator to open and close the car and hoistway doors simultaneously.
 - (N) Provide a hands-free two-way voice intercommunication / telephone system with a lobby rescue station and remote handset. Provide communication from each car enclosure to designated security station located in the Facility.
- (16) Hall Equipment – All Elevators
- (A) Provide hoistway access switches located in the entrance frame or in the hall door sight guard at the top and bottom landing for each elevator regardless of the elevator speed or floor to floor heights for the elevator.
 - (B) Provide in each hall station illuminating up and down push buttons (at terminal floors, provide only one button) located with their centreline 1070 mm ± 25 mm (42" ± 1") above the floor.
 - (C) Provide an elevator monitoring & command Interface (PC monitor) for monitoring and control of the elevators. Locate in each control or machine room or provide a centrally located system connected to all elevators as approved by the Authority.
- (17) Electric Wiring – All Elevators
- (A) Provide copper wiring to connect the equipment.
 - (B) Run the wire in metal conduit, duct or electrical metallic tubing.
 - (C) Provide travelling cable between car stations and the controller in the machine and/or control room.
 - (D) Provide at least eight (8) pair spare shielded wires and two (2) RG6 spare coaxial conductors in the travelling cable. This is in addition to the wiring required for the basic operation of the elevators.
 - (E) Provide at least ten percent spare wires in each travelling cable.
- (18) Operational Features and General Requirements – All Elevators
- (A) All public passenger and service elevators will serve all floors except interstitial floors or mechanical levels that are accessed infrequently.

- (B) Provide Firefighter's Emergency Operations Phase I & II, including remote/duplicate keyed switches.
- (C) Provide cab loadweighing device & operation for hall call bypass, anti- nuisance & overload.
- (D) Provide barrier free access in accordance with Appendix "E" of latest B44 Elevator Safety Code including voice announcers.
- (E) Provide restricted access via electronic card access for any elevators which provide access to mechanical levels including the roof and other secure access that should not be accessible to the general public.
- (F) Provide for installation of security cameras in the elevators. Install and wire the security cameras provided by another trade. Provide the required wiring in the travelling cable run between the car top and the controller as well as power to the car top for the camera.
- (G) Provide equipment and labour for installation of a card reader security system on the inside of each cab. Provide card readers in every elevator lobby at the hall call location of all staff and service elevators. Each staff or service elevator requires authentication by card reader prior to calling a cab at the hall call station. Provide the required wiring between the card reader and the elevator security box in the machine room along elevator controller connections and circuits for the security system (including floor tracking).
- (H) Provide independent service.
- (I) Provide emergency power operation of the elevators such that all elevators are fed with emergency power and are capable of operating simultaneously
- (J) Provide means to call elevators that provide access to interstitial, mechanical levels, etc. that may not be served by all elevators in a group. This will be by a separate call button, keyed switch or electronic access card reader as approved by the Authority.
- (K) For all elevators, provide medical emergency service operation (code blue) and priority service operation with activation means at all floors served and provisions for remote activation of these features. Provide code blue keyswitches in each cab and at each hall call location for elevator code-blue override.
- (L) For all elevators providing access to patient care areas, the elevator shall not operate when an infant abduction tag or patient tracking / wandering system tag is present in the elevator cab.
- (M) Each elevator cab shall be provided with a 802.11 wireless network access point to ensure full coverage of the Authority's wireless network. Provide all necessary wiring.
- (N) Each patient elevator cab shall be provided with a patient wandering system exciter point to ensure full coverage. Provide all necessary wiring.

(19) Operating Performance

- (A) Levelling : Arrange that the car stops within 3 mm (1/8") of the floor level.
- (B) Operating time: Adjust the equipment so that the operating time is 17.0 seconds or less (based on 4'0" wide two speed side opening doors and a speed of 150 fpm and travel of 4.5 m (14'- 9")). Measure the operating time from the time that the doors begin to close until they are 3/4 open at the next floor.
- (C) Ride quality: Arrange that the lateral acceleration (front to rear and side to side) measured during express runs is less than 150 mm/s/s (0.5 f/s/s) peak to peak.
- (D) Adjust the door equipment so that the noise level is less than 62 decibels during a full door open and door close operation. Measure the noise levels using a sound level meter set to the "A" scale for a fast response.
- (E) Arrange the machine room equipment so that the noise level with the elevator running is less than 80 decibels. Measure the noise levels using a sound level meter set to the "A" scale for a fast response.

(d) Pneumatic Tube System (Division 14)

(1) Overall System Description

- (A) Provide a fast and secure on-demand light material transport system for the Facility through a pneumatic tube system or air tube system.
- (B) The system is to be comprised of user stations, carriers to contain and transport light weight unit-load materials, and a strategically designed network of piping and traffic control devices to ensure optimal performance.
- (C) Provide pneumatic tube user stations as outlined in the Clinical Specifications. Each station is to be equipped with a control panel with a touch-screen display.
- (D) The system is to be a 6 inch (150 mm) pneumatic tube system.
- (E) Provide leak resistant carriers that are double lined, with a secure, lockable integral seal to transport fluid containers, including, but not limited to, IV bags, blood products, bodily fluid samples and other pharmaceutical products.

(2) Design of System

- (A) Provide a pneumatic tube study that outlines the capacity, anticipated wait times, and anticipated trip times of the pneumatic tube system. Maximum allowable trip time is 40 seconds. Outline the number of carriers proposed based on the clinical demands outlined in in the Clinical Specifications, for the Authority's approval. Outline the proposed training for users to ensure optimal performance of the system.

- (B) The noise of the blowers and transfer stations will be contained from patient care areas.
- (C) Ensure that the Support Services Building is equipped with a user station integral with the rest of the Facility if it is a separate physical structure.
- (D) Provide the ability to monitor the system from the management offices of the Facility.

(e) Not Used.

7. FACILITY SERVICES SUBGROUP SPECIFICATIONS

7.1 Mechanical Systems Design Principles

(a) See Section 5.8 “Mechanical Systems Design”.

7.2 Fire Suppression (Division 21)

(a) Fire Protection

(1) Basic Requirements

- (A) Provide all required fire protection for the Facility.
- (B) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.
- (C) Provide a sprinkler system and equipment that is designed for the applicable occupancy classification.
- (D) Provide a double check valve assembly on the sprinkler system take-off connection from the water supply. The assembly will be complete with OS&Y gate valves on both sides and tamper proof switches.
- (E) Provide a new fire pump system if required to meet the fire pressure and flow requirements. The existing fire pump may not be reused in the renovated design. Base the design on the lowest incoming pressure of the two water mains during peak summer operation.
- (F) Provide a fire pump with a transfer switch that is part of the fire pump controller. Mount the switch package in a separate mechanically attached enclosure that is approved by UL, ULC, FM and CSA and built to NFPA 20 standards for this application.
- (G) Provide a dry type sprinkler heads and / or a dry type sprinkler system in areas that may be subject to freezing temperatures.
- (H) Sprinkler heads in areas subject to vandalism will be vandal proof. This includes areas where psychiatric patients may be present and unsupervised.

- (I) Provide fire extinguishers complete with fully recessed cabinets. Each fire extinguisher will be located within the space it serves, and will be of appropriate size and hazard classification for that space. Do not use water extinguishers or other limited types. Coordinate fire extinguisher locations with the local authority having jurisdiction during design. Provide Type K extinguishers for any areas potentially containing grease and Type C in electrical rooms.
 - (J) Provide zone shut-off valves that are readily identifiable and accessible from the floor level, but not located in patient rooms. Zone valves will be located within the zone served.
 - (K) Provide fire department connections at a location that is approved by applicable authority having jurisdiction.
 - (L) All equipment located in the generator room, main electrical room and the main LAN room must be protected by a clean agent fire suppression system. No inert gas system will be allowed.
 - (M) All equipment located in the CT Scanner Room, Operating Rooms, Digital Imaging, and Auto-line in the Lab Services Area must be protected by a double interlocked pre-action with nitrogen charge type fire suppression system and pre-action sprinklers.
- (2) Performance Criteria
- (A) All equipment will be CSA, ULC or cUL approved.
 - (B) Equipment installation will comply with manufacturers' requirements.
 - (C) Fire protection systems and equipment will be installed, tested and certified by a qualified and licensed contractor, who is regularly engaged in such installations.

7.3 **Plumbing (Division 22)**

(a) Site Services

(1) Basic Requirements

- (A) Provide water, fire protection, propane, medical gas, sanitary, and storm services as required and sized to suit the usage needs of the Facility, plus the required additional capacity as per Section 4.1(c). Coordinate locations of these services with the requirements of Section 7.6 Electrical (Division 26).
- (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.

- (A) Water supply to the Facility will be by a combined domestic water / fire protection service. Provide two separate services for redundancy, complete with a separate water meter on each service. Calculate and submit to the authority having jurisdiction the estimated maximum flow requirement for the domestic water supply. Refer also to requirements listed in Section 7.6 Electrical (Division 26).
 - (B) Provide water and medical gas inlet connections on the exterior of the Facility as per Section 5.8(g)(2)(F).
 - (C) Provide a strainer, water meter, reduced pressure backflow preventer, filter, triplex variable speed domestic booster pump set, parallel pressure reducing valves and independent shut-off valve on the main water supply to the Facility. Provide a filtration/treatment system to address corrosion issues experienced in existing plumbing piping system.
 - (i) Installation will incorporate redundancy to maintain uninterrupted Facility operation while cleaning, repairing, or replacing devices.
 - (D) Provide subsurface drainage as required to alleviate water pressure exerted onto the bottom of foundations and/or floor slabs. Subsurface drainage will be sized and designed in accordance to the geotechnical conditions.
- (3) Performance Criteria
- (A) Water delivered to the Facility will meet the water quality requirements of all applicable standards and laws, including CSA Z317.1. Filter systems must be capable of operating at high turbidity levels.
 - (B) Any point of use filtration implemented will use stainless steel filter casings to minimize the occurrence of equipment failure and leaks.
 - (C) Provide utilities-commission approved meters for domestic water. The meters will be used to accurately measure water flow in all flow conditions.
 - (D) Water meter will have remote access capability for connection to the Facility automation system.
 - (E) All piping will be accessible. No in slab piping is permitted. No under slab piping is permitted except drains.
- (b) Domestic Hot Water Systems
- (1) Basic Requirements
- (A) Provide a domestic hot water system with sufficient capacity and recovery rate for the hot water requirements of the Facility, plus the required additional capacity as per Section 4.1(c).

- (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.
 - (A) The domestic hot water must be generated using indirect heaters from the central heating plant which will be piped such that during summer months domestic hot water is supplied by the biomass boiler system, which will be sized to accommodate the load at peak usage.
 - (B) A copper silver Ionization system shall be for the domestic hot water system to combat the potential of Legionella.
 - (C) Domestic hot water supply will be of adequate temperature to serve the needs of the Facility. Provide automatic mixing valves where the supply temperature at the fixture is required to be less than the system temperature.
 - (D) Locate thermostatic mixing valves serving plumbing fixtures as close as possible to the fixture it serves to minimize dead legs. Recirculate domestic hot water from the mixing valves.
 - (E) Design the domestic hot water system to prevent growth and spread of Legionella bacteria within the hot water generation plant, piping, fixtures, or any other component. Design methods shall include heat-based control and active treatment systems; eliminating dead-leg piping; and minimizing uncirculated piping by connecting the circulation system as close as possible to fixtures.
- (3) Performance Criteria
 - (A) Provide a hot water generating plant and hot water storage equipment to meet the requirements of CSA Z317.1.
 - (B) Recirculate domestic hot water from the distribution system(s) back to the generating equipment. Provide redundant domestic hot water recirculation pumps.
 - (C) Monitor hot water supply temperatures via the BMS and provide alarm outputs when the temperature exceeds or drops below the design setpoint range.
- (c) Plumbing Distribution Systems
 - (1) Basic Requirements
 - (A) All existing domestic piping (cold, hot and recirculation) must be removed and replaced though the course of the renovation. No existing piping is to remain.
 - (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.

- (A) Provide the plumbing systems to avoid disruption to the operation of the Facility during maintenance or repairs. Design the systems so that, as much as possible, Type I and Type II rooms do not need to be entered when performing these functions. All isolation, maintenance, balancing, and other service valves will be located in the corridor ceiling spaces and will be accessible. Refer to CSA Z317.2 for space Type definitions.
- (B) Distribute plumbing by means of risers to each floor area to a maximum of 1000 square meters of floor area. Provide isolation valves to each area.
- (C) All DHW and DCW piping to be installed with 45 degree elbows, not 90. This is a measure that has been deemed to be successful at minimizing the corrosion to copper piping caused by the aggressive water in Yellowknife.
- (D) Install back flow prevention devices to suit the CSA Z317.1 and American Water Works Association (AWWA) cross connection control standards. Assessment of the potential cross connection hazard shall be reviewed, such as hospital equipment, laboratory equipment, boiler feed water, kitchen equipment and any situation there is a potential for water contamination.
- (E) Incorporate flexibility in the system designs to accommodate future alterations and allow for future expansion in accordance with Section 4.1(c).
- (F) Label all systems clearly, including painting and labelling of all pipes, ceiling identification dots, valve tagging, and emergency valve identification signage.
- (G) Provide the water systems to ensure that water is supplied at the required pressures to all water outlets.
- (H) Provide a domestic water booster pumping system to meet water supply requirements. Base the design on the lowest incoming pressure of the two water mains during peak summer operation.
- (I) Provide durable materials to allow for 24 hour a day operation with minimal downtime. All potable water distribution systems are to be copper.
- (J) Provide all systems to meet the infection control requirements of the Facility.
- (K) The Project Co will provide either point of use or central reverse osmosis filtered water system for use where required by non-dialysis functions, such as laboratory equipment. If a central system is installed, it shall be provided as follows:
 - (i) include a single central water filtration package with continuously circulating distribution loop(s);
 - (ii) install distribution piping in accessible locations to allow replacement with minimal disruption of patient care areas; and

- (iii) provide piping and outlets that are suitable for use with both of the following systems: automated heat sterilization method; and a chemical sterilization method.
 - (L) Provide an independent reverse osmosis filtered water system for use in the MDR department, as follows:
 - (i) include a single central water filtration package with continuously circulating distribution loop(s);
 - (ii) install distribution piping in accessible locations to allow replacement with minimal disruption of patient care areas; and
 - (iii) provide piping and outlets that are suitable for use with both of the following systems: automated heat sterilization method; and a chemical sterilization method.
 - (M) Provide appropriate domestic water supply connections for portable reverse osmosis machines and hemodialysis units as follows:
 - (i) include all accessories needed to make the connection suitable for the intended use; to meet relevant codes and standards; and to meet the manufacturer's requirements for any connected equipment. This includes electrical outlets, point-of-use micron filtration, thermostatic mixing valves, and backflow preventers; and
 - (ii) provide water, sanitary sewer, and electrical connections, located at the headwall suitable for inpatient hemodialysis using portable reverse osmosis units in one medical/surgical unit inpatient pod and all ICU beds.
 - (N) Provide propane and fuel oil piping as needed for all uses within the Facility. Propane is to be connected to kitchen and laboratory loads, as well as all propane fired boilers and humidifiers.
 - (O) Provide plumbing connections to all medical and food services equipment provided by Project Co.
 - (P) Ensure the plumbing systems are designed to accommodate the requirements of commercial spaces. Make allowance within the base building systems for any future plumbing systems needed for future tenant fit-outs of the commercial spaces.
 - (Q) Ensure the domestic cold water, domestic hot water, and pure (reverse osmosis) water quality is within the required conditions of the applicable codes, standards, and manufacturer's recommendations for all equipment including medical device reprocessing.
 - (R) Ensure the instrument air quality is within the required conditions of the applicable codes, standards, and manufacturer's recommendations for all equipment including medical device reprocessing.
- (3) Performance Criteria

- (A) Insulate storm drainage, domestic water piping, and exposed p-traps throughout. Where piping and/or piping components are subject to freezing, provide insulation and thermostatically-controlled hydronic heat tracing. Ensure life-safety systems are not installed in locations subject to freezing.
 - (B) Provide flushing and disinfection of domestic water systems.
 - (C) Provide independent testing of piping systems once flushing and cleaning has been completed. Supply the testing reports to the Authority.
 - (D) All piping will be accessible. No in slab piping is permitted. No under slab piping is permitted except drains.
 - (E) Provide isolation valves for all plumbing services and clearly identify the location of all valves. Valves will be located at a minimum at each set of piping branches from the main distribution line, and at all locations where the branches serve group of rooms with similar uses. In Mental Health / Psychiatry Inpatient Units provide isolation valves within the public area in an easily accessible area to allow access without the need for a ladder.
- (d) Plumbing Fixtures
- (1) Basic Requirements
 - (A) Not used.
 - (B) Provide fixtures as described in the Clinical Specifications and as needed to comply with all applicable codes and regulations.
 - (C) All plumbing fixtures will be made of impervious, durable materials suitable for a hospital facility. Fixtures selected must have proven acceptable hospital performance from previous installations.
 - (D) Consult with the Authority on the selection of fixtures, and give particular attention to performance relative to infection prevention and control.
 - (E) Select all sink basin and faucet combinations to minimize the potential for splatter and contamination. Ensure the faucet does not discharge directly into the drain.
 - (F) Provide anti-splash, anti-aerosolizing, faucet fittings (i.e. laminar flow) that do not retain air. Provide gooseneck faucet fittings. Avoid low profile gooseneck faucet fittings.
 - (G) Sinks will be standalone wall hung type or have bowls integrally formed into countertops. Drop in or under mount style countertop sinks will not be used.
 - (H) Provide double or triple basin sinks where required.

- (I) Sinks will meet the requirements of CSA Z8000, including materials, size, construction, location, controls, backsplash, soap and lotion dispensers, and accessibility.
- (J) Provide stainless steel combination lavatory / toilet security fixtures where psychiatric patients may be present and unsupervised.
- (K) Barrier-free plumbing fixtures, fittings, and carriers to be provided where required will be suitable for use by bariatric users. Toilets not designated specifically for bariatric use will be wall mounted.
- (L) Select toilets that will reduce the spread of infection. The bowl must be designed to accommodate the flow of the flush valve. Toilet bowls will not splash or spray water onto the toilet rim or anywhere outside the toilet bowl and will be designed to minimize the aerosolization of the toilet contents.
- (M) Public toilets will consist of wall hung elongated bowls with an open front seat and electronic hands free flush valves with manual override.
- (N) Patient toilets will consist of wall hung elongated bowls, an open front seat and manual low flow (4.7Lpf) flush valves.
- (O) Intensive Care Unit and Isolation Room washroom will have a wall mounted cleaning and disinfecting appliance with water closet (Mieko Topline 30WC or an equal or better appliance). Appliance installation will be flush to the wall with a mounting frame. The appliance must have hot and cold water connections for a concealed disinfection drain pan washer with wall hung toilet mounted below. Water, drainage and sanitary vent piping to be installed in accordance with building codes and the manufacturer's recommendations.
- (P) Urinals will be wall-hung and low-consumption (0.5Lpf) with electronic hands-free flush valve operation.
- (Q) Washroom lavatory fixtures will be have electronic hands-free type faucets with single temperature discharge that can be adjusted and set to the desired temperature, except as follows:
 - (i) patient washroom lavatory fixtures will have a manual faucet with hot and cold supplies, with an anti-scald mixing valve.
- (R) Handwashing sinks or hand hygiene stations for nursing stations, patient care areas, examination rooms, food services, emergency room, soiled utility rooms and other similar function rooms will have electronic hands-free type faucets with gooseneck spouts and single temperature supply that can be adjusted and set to the desired temperature by maintenance staff. Basins will be adequately sized for proper washing and scrubbing of hands.
- (S) Scrub sinks will be dual basin stainless steel with integral backsplash and hands-free faucet and soap dispenser for hand hygiene, suitable for a user conducting surgery or other sterile procedures, and supplied as a proprietary equipment item by a medical equipment manufacturer.

- (T) For Labour, Delivery, Recovery and Postpartum Rooms with a birthing tub, the tub will be an acrylic or high density fiberglass tub. Provide a thermostatically controlled valve, fill spout and handles, hand held shower and grab bars.
- (U) Equipment cleaning sinks and other utility sinks will be made of stainless steel with blade handle faucets and gooseneck spout. Sinks will be large and deep to accommodate proper washing of equipment. Materials and piping will be suitable for the intended application of the sink.
- (V) Soiled utility rooms to have minimum of two wall mounted, cleaning and disinfecting appliance for bedpan washing (Meiko Topline 20 or an equal or better appliance). Provide required plumbing services per manufacturer's recommendations.
- (W) For pharmacy sinks in all areas including modular clean rooms, scrub rooms and ante rooms, and dispensary areas, provide a stainless steel sink with blade handle faucets and gooseneck spout. Stainless steel will be of an alloy suitable for the intended use.
- (X) For Laboratory sinks, including but not limited to nuclear medicine and bio-hazardous waste sinks, provide alloy material suitable for the intended use. Faucets will have blade handle with gooseneck spout. Sinks will be large and deep enough to accommodate the intended application.
- (Y) The Activities of Daily Living (ADL) kitchen sink will have an adjustable height counter to American Disabilities Act (ADA) standard height levels. Faucet to be ADA blade handles hot – cold with gooseneck swivel faucet. Drainage and water to meet adjustable heights.
- (Z) Showers and bathtubs will be provided with pressure balanced and high temperature limit shower valves, metal shower heads will be utilized. Shower bases will ensure that the water is contained within the shower area. Patient showers must be free of barriers with no lip between the washroom floor and shower.
- (AA) Interior emergency decontamination showers will be designed with a pull down type valve to supply tempered water from an overhead drench shower. Provide hot and cold isolation valves with freeze protection drainage for the exterior shower.
- (BB) Provide suitable quantities of janitors' sinks, hose bibs, eye wash stations, and drinking fountains with bottle fillers to provide sufficient service to the Facility.
 - (i) Non-freeze bibs will be provided around the Facility perimeter, at the loading dock area, in the garden areas and at the roof and have appropriate back flow prevention.
 - (ii) Eye wash stations will be complete with a water receptor and drain piping.

- (iii) Emergency showers and eye wash stations will be designed to supply tempered water within an acceptable timeframe in accordance with the ANSI guidelines.
 - (iv) Locate bottle fillers with water chillers in or near staff rooms, and as outlined in the Clinical Specifications.
 - (CC) Provide all appropriate services and connections to all equipment for patient care, laboratory and all other areas. Provide all accessories as needed.
- (2) Performance Criteria
 - (A) Provide accessible clean-outs for all sinks and lavatories above the flood-level rim of the sink.
 - (B) The following applies for all electronic sensor activated fixtures:
 - (i) all sensors will be hardwired and served by the
 - (ii) emergency power system so water is available during a power outage;
 - (iii) the duration of sensor faucet flow will be adjustable. All sensors will be able to operate for a minimum of 30 seconds without interruption of flow, to facilitate proper hand washing. Sensors will turn off automatically when hands are no longer in the sensor range; and
 - (iv) the domestic hot water recirculation system will be connected to the fixture's hot water supply immediately next to the fixture shut-off at the wall.
 - (C) Provide water hammer arresters at the cold water and hot water supply to each fixture or bank of fixtures served by a single branch.
 - (D) Automatic flush valves will also have a manual flush operator.
 - (E) If system pressure exceeds the acceptable delivery pressure, then provide pressure reducing valves with 100% redundancy. Place the valves in accessible locations.
 - (F) Provide stop valves at each hot and cold fixture connection.
- (e) Plumbing Drainage and Venting Systems
 - (1) Basic Requirements
 - (A) Not used.
 - (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.

- (A) Provide sanitary, storm, specialty drainage, and venting systems to avoid disruption to the operation of the Facility or interference with other services during operation and maintenance activities. Design the systems so that, as much as possible, Type I and Type II rooms do not need to be entered when performing these functions. Refer to CSA Z317.2 for space Type definitions.
- (B) Provide all drainage systems such that the system connects to the drainage services of the Lands, utilizing gravity drainage. No lift stations will be acceptable.
- (C) If pile foundations are used to support the structure, all underslab piping will be supported (hung) from the concrete slab above.
- (D) Hangers and rods will be of sufficient strength and be installed at intervals to carry the pipe and load and maintain the required slope. Hangers and rods will be corrosion resistant. Install light-weight fill above all piping that is supported (hung) from the concrete slab above.
- (E) Pumping systems for subsurface, storm, or sanitary drainage will include 100% redundancy (one redundant unit for each active unit) and related equipment will be supplied with emergency power.
- (F) The storm sump will have twin compartments (separate chambers for settling and pumping) and will be sized to prevent short cycling of the pump. Provide engineered packaged system(s) complete with controls and alarms including but not limited to high water level and pumps failure alarms. Provide local alarms annunciation with audible and visible alarms indication and remotely via the BMS.
- (G) All drainage and venting piping and fittings will be of a material suitable for the expected effluent. This includes but is not limited to dialysis systems and other specialty systems with acidic, high- temperature, or radioactive discharges. Drainage piping material will only be changed downstream a point where the hazardous property of the effluent is reduced so a different piping material is suitable:
 - (i) where the branch connects into a main drain line, such that the additional effluent flow dilutes the discharge; and
 - (ii) where a device is placed in-stream to reduce the hazard of the discharge, such as an acid neutralizer.
- (H) Piping will be cast iron in all areas with elevated temperature discharge is expected.
- (I) Provide drains suitable for discharge from dialysis machines at all locations where reverse osmosis water connections are provided, plus any locations designated for connection of portable dialysis machines.
- (J) Provide floor drains in all mechanical rooms and other rooms where water spillage from equipment or operations can be reasonably expected.

- (i) Provide drains for all devices that may discharge water, including but not limited to emergency showers, reverse osmosis systems, and backflow prevention devices.
 - (ii) Floor drains in patient care areas will be installed only as needed for the specific use of the room and as per CSA-Z317.1 and CSA-Z8000.
 - (iii) Ensure all equipment drain piping is terminated in floor drains.
 - (iv) Floor drains serving backflow preventers, sprinkler test points, or other devices will be sized to accommodate the discharge flow rate of the device.
- (K) Provide neutralizers, interceptors, and sediment buckets to intercept oil, grease, dirt, solids, and fuel where necessary.
- (i) Interceptors will be provided in accordance with the manufacturer's specifications.
 - (ii) Install plaster traps for casting sinks in well-ventilated closets or other service areas, so odours released during trap cleaning do not migrate beyond the immediate service area to other parts of the Facility.
 - (iii) Provide acid neutralizers at either the point of acid discharge to the drainage system or at the acid waste drainage system termination.
 - (iv) Provide a bio-hazard storage tank or tanks to contain radioactive waste from nuclear medicine sinks, bio-hazardous sinks and decontamination showers.
 - (v) Provide appropriate systems at all fuel storage tanks and filling stations to prevent fuel leakage beyond the designated containment area, in accordance with all applicable standards.
 - (vi) Provide grease interceptors to serve all sinks and floor drains in Food Services and Ware Washing areas. Run an independent drainage system sloped at a minimum 2%.
- (L) Provide automatic trap primers at drains that are subject to losing the trap seal, including infrequently used fixtures and p-traps in negatively pressurized rooms. Locate trap primers in a location where they can easily be accessed, inspected, and repaired.
- (M) Ensure the plumbing systems are designed to accommodate the requirements of commercial spaces. Make allowance within the base building systems for any future plumbing systems needed for future tenant fit-outs of the commercial spaces.
- (N) Provide liquid medical waste disposal system for Soiled Utility Rooms in Surgical Services. Units will be powered by tap water and safely empty canisters containing infectious liquid medical waste directly into the sanitary sewer with no pouring required.

- (O) Provide flushing rim type floor drains in all Mental Health / Psychiatry Secure Rooms.
- (f) Medical Gas Systems
- (1) Basic Requirements
 - (A) All existing medical gas piping, with the exception of medical vacuum, may be evaluated for reuse.
 - (B) Not used.
 - (C) Provide medical gases for the Facility as required by Appendix 3C [Medical Gas and Headwall Requirements] and CSA Z7396.1-12.
 - (D) The Existing Hospital utilizes two (2) oxygen concentrators to satisfy the pure oxygen requirements within the building. The Project Co may choose to incorporate this equipment into the Design of the Facility. Should the existing concentrators be reused in the existing location, an adequate cooling system must be provided.
 - (E) The Existing Hospital utilizes a duplex medical air system to satisfy the medical air requirements within the building. The Project Co may choose to incorporate this equipment into the Design of the Facility. The renovated system must meet the requirements of CSA Z7396.1-12.
 - (F) The Existing Hospital utilizes a new medical vacuum pump system to satisfy the medical vacuum requirements within the building. The equipment is new and the Project Co may choose to incorporate this equipment into the Design of the Facility. The renovated system must meet the requirements of CSA Z7396.1-12.
 - (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide all necessary temporary systems and components required to maintain continued service.
 - (A) Provide centralized backup manifold supply systems for the following medical gases: oxygen and medical air. Design the centralized bottle manifold supply with the oxygen concentrator/medical air compressor systems so that they will, when required, automatically switch to the spare bank of bottles (and that switching to the spare bank is alarmed at the master alarm).
 - (B) Provide centralized manifold supply systems for the following medical gases: nitrogen, nitrous oxide. Design the centralized duplex bottle manifold supply systems so that they will, when required, automatically switch to the spare bank of bottles (and that switching to the spare bank is alarmed at the master alarm).
 - (C) Include in the Facility an enclosed room with adequate space for the storage of medical gas bottles, including bottles of gases supplied by the centralized supply systems described above, all gases required for laboratory use, and bottles of the additional medical gases required.

- (i) Only medical gas valving and piping that is necessary for the installation of new bottles will be included in the bottle room.
 - (ii) Provide sufficient space for storage of enough medical gases so the Facility can maintain operational for the full post-disaster timeframe as per Section 5.8(g).
- (D) Provide new central medical air and medical vacuum systems with redundancy as required by CSA Z7396.1-12. Provide 'fail-safe' controls: all units will continue to run and maintain service in the event of failure of the electronic controls, without human intervention.
- (E) Connect new central medical air and medical vacuum systems and all oxygen concentrator systems to emergency power.
- (F) If the laboratories, MDR or any other non-clinical use requires a vacuum system or a medical air system, these systems will be independent from vacuum and medical air intended for patient use. Refer to the Clinical Specifications for laboratory requirements.
- (G) Each inpatient bed will have an oxygen outlet, a medical air outlet, and a vacuum inlet on each side of the bed.
- (H) Locate all medical gas outlets in a head wall system that incorporates medical gases, electrical and data outlets.
- (I) Provide medical gas service outlets as follows:
- (i) Provide recessed service outlet boxes designed for concealed piping and fabricated for straight insertion of secondary equipment.
 - (ii) Each recessed wall outlet will have a permanently marked, colour-coded non-interchangeable index system to prevent connection to the wrong gases. Provide a secondary check valve to maintain the line pressure if the primary valve is removed for maintenance.
 - (iii) Provide 2-part DISS type outlets for each medical gas. Each oxygen outlet will be complete with dial style integrated flow meter, adjustable knob for flow control, visual flow indicator, extra auxiliary port, and color coded labelling.
- (J) Provide connections to ceiling booms in operating rooms, procedure room and resuscitation room.
- (K) Provide a manually adjustable nitrogen regulators located in a wall panel in each room where nitrogen is used.
- (L) Provide a waste anaesthetic gas scavenging system for all points of anaesthetic gas use. Gas scavenging systems will be designed to applicable standards including CSA-Z7396.1-12.
- (M) All pipe and pipe fittings will be in accordance to ASTM 88, de-greased copper Type 'L'.

- (N) Ball type shut off valves will be UL labelled showing the appropriate gas service & pressure rating. Valves will swing out during installation and have a quarter turn from full open to close.
 - (O) Area zone shut off valves will be housed in a single box comprised of multiple shut off valves with tube extensions, lexan glass door with hinges and pull out opening ring. Provide pressure / vacuum gauges for each service.
 - (P) Provide medical gases to the LDRP washrooms as per Appendix 3C [Medical Gas and Headwall Requirements].
 - (Q) A central stationary plume scavenging system serving all operating rooms is not required. The Existing Hospital currently has local laser plume scavenging equipment in its operating rooms [Conmed System 5000 ESU with System 1200 Smoke Evacuator] which will be available for relocation by Project Co and continued use in any new operating rooms.
- (3) Performance Criteria
- (A) Provide the medical gas system so that there is a minimum of one zone shut off valve per programmed area.
 - (B) All medical gas valve stations are to be provided with backfeed capability.
 - (C) All medical gas piping, including in normally inaccessible areas (e.g. behind walls and boarded ceilings), will be clearly identified.
 - (D) All piping, valves and filters will be factory cleaned and capped or sealed to prevent contamination.
 - (E) Provide a future valved connection within each zone of all systems.
 - (F) Provide a local alarm panel for each zone. Local alarm panels may be combination valve box/alarm panel. Alarm panels will be connected to emergency power. Provide a master medical gas alarm panel to monitor all medical gas functions. Remote alarm annunciation will be provided at a location with 24 hour continuous monitoring by personnel. Provide an inter-connected status and alarm point and signal to the BMS.
 - (G) Within the plant operations and maintenance department, a master medical gas alarm panel shall be provided. Provide a second, fully redundant, master medical gas alarm panel, located within a 24 hour supervised area.
 - (H) Individually connect all alarm panels to the BMS. A single connection to the master alarm panel is acceptable, provided that the BMS can read alarms from all panels. Provide an alarm Interface signal to the BMS for critical alarms such as low or high pressure.

- (I) All medical gas systems will be certified in accordance with CSA standards by an independent and qualified testing agency. Supply the testing reports to the Authority.
- (J) All systems components requiring electrical power will be on emergency power.
- (K) The medical gas supply system will be for patient consumption only. If equipment and/or procedure(s) require instrument air, provide separate dedicated source equipment, piping, valving and monitoring to accommodate that application.

7.4 Heating, Ventilating and Air Conditioning (Division 23)

(a) Heating Plant:

- (1) Provide a heating plant to provide all necessary heating for the Facility and to meet the heating plant requirements of CSA Z317.2 for a Type A-2 HCF. Determine the design load and redundancy per the requirements of CSA Z317.2 and to ensure the heating plant has sufficient heating capacity to continue operations in Surgical Services (Component 4.0 of the Clinical Specifications) at all times of the year and heating required by building systems in a post disaster event.
- (2) Apply energy recovery systems to offset plant heating requirements. Provide analysis of energy savings, life-cycle costing, and maintenance concerns.
- (3) The Existing Hospital utilizes five (5) steam boilers to satisfy the heating and process loads within the building. Project Co may choose to convert these boilers to generate hot water and utilize them as part of the heating and/or humidification systems in the Facility. The steam boilers may not be used to provide heat to the Facility through converters.
- (4) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.
- (5) The renovated heating plant must incorporate a series of biomass hot water boilers, sized at a minimum of 50% of the full heating design load for the entire Facility, as well as propane/fuel oil boilers, sized to meet 100% of the full design load of the Facility. The biomass boilers must consist of a minimum of two boilers and be designed to operate efficiently to meet the domestic hot water load in the summer, meet the heating loads in the shoulder seasons and run at full capacity.
- (6) The design load of the Facility will be as defined by CSA Z317.2 and will include the full domestic hot water heating load. The heating plant to provide a minimum of 100% of the design load with the largest boiler out of service.
- (7) Designs for the biomass boiler system shall include wood pellet storage, conveyance, and an automatic ash removal system with storage. Site planning and biomass conveyance systems must allow for delivery of wood pellets by either a vacuum delivery truck or by B-train.

- (8) The wood pellet storage must be sufficient to supply the biomass boilers for a minimum of 72 hours when all biomass boilers are operating at 100% firing rate. Sizing of the biomass storage system must account for suction line position and maximum fill levels.

The fuel oil storage must be sufficient to supply the fuel oil boilers for a minimum of 72 hours when all fuel oil boilers are operating at 100% firing rate. Sizing of the fuel oil storage system must account for suction line position and maximum fill levels.

The generators are to be provided with a separate fuel storage system, capable of providing 72 hours of usable storage in reserve, considering suction line position and maximum fill levels. If the main fuel oil storage system feeds the generator storage system, the allowance for fuel oil for use in load tests, etc. may be accounted for in the main fuel oil storage tank, otherwise, it will need to be maintained in the generator fuel oil system.

The propane storage must be sufficient to supply the propane boilers for a minimum of 72 hours when all propane boilers are operating at 100% firing rate. Sizing of propane storage systems must account for suction line positioning and maximum fill levels.

Project Co must provide a minimum of 7 days of fuel storage, as per the requirements of the GNWT Good Building Practices for Northern Facilities. This requirement may be split between the three fuel types: biomass, fuel oil and propane.

Should the existing infrastructure be found to be insufficient, Project Co must provide the necessary upgrades to meet the technical requirements and to meet code.

The existing propane tank has been identified by the fire marshal as being too close to the Existing Hospital. The Project Co is required to evaluate the existing propane tank location and make modifications to develop a code compliant solution.

- (9) Each type of boiler must be able to serve any and all heating loads within the Facility.
- (10) The operation of the heating plant must be such that the biomass boilers are always enabled first to satisfy domestic hot water loads and will also serve as a secondary heat source for the Facility heating loads. The propane/fuel oil boilers will be used for satisfying peak loads, after the biomass boilers have reached full capacity.
- (11) The following loads must be fed from the central heating plant:
- (A) All envelope heating loads
 - (B) All reheat loads
 - (C) All outside air heating utilizing a glycol system
 - (D) Domestic hot water generated with indirect heaters

- (12) Design the heating plant to sufficiently meet the maximum design load for all systems served by the heating plant, as well as being capable of controlling and responding to periods of low usage.
 - (13) Provide heating and cooling water connection points at the exterior of the Facility for future connection to emergency backup systems (i.e. portable boilers or chillers). Configure the system to properly utilize this equipment with no modifications.
 - (14) The Existing Hospital utilizes a shell and tube heat exchangers to convert steam from the boilers into hot water to serve the building envelope and reheat loads, glycol to serve the Facility ventilation loads and domestic hot water. This strategy will not be accepted within the new Design. All Facility heating must be by hot water generated through the existing boilers (converted) or new hot water boilers.
 - (15) Provide separate standalone steam generators for all steam uses within the Facility. Provide separate steam generation systems for humidification and process loads.
 - (16) Ensure the feed water quality to steam generators is within the required conditions of the applicable codes, standards, and manufacturer's recommendations for both the generator and the downstream equipment. Steam quality must be condensate free and minimum 97% saturated vapour.
 - (17) Provide connections in the steam system near the point-of-use, which can be used to access the steam for quality measurement.
 - (18) Steam generators serving the MDR must be dual fuel.
 - (19) All existing boiler feed pumps, distribution pumps must be replaced as part of this renovation.
 - (20) Design pumps to operate at the system fluid temperature without vapour binding and cavitation. Pumps will be non- overloading in parallel or individual operation, and will operate within 25% of the midpoint of published maximum efficiency curve.
 - (21) Pump construction and installation will permit complete pump servicing without disrupting piping or motor connections.
 - (22) Provide main distribution pumps with variable frequency drives (VFDs) for motors greater than 5HP for energy savings under part-load conditions. Motor starters will be selected in accordance with the applicable Section within this Schedule.
- (b) Cooling Plant:
- (1) The Existing Hospital utilizes two (2) air cooled chillers to satisfy the cooling loads within the building. Project Co may choose to utilize these chillers in the Facility.
 - (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.

- (3) Design the cooling plant to meet the maximum design load as defined by CSA Z317.2 for all systems served by the cooling plant, as well as being capable of controlling and responding to periods of low usage.
 - (4) Provide equipment for all necessary cooling, including the required redundancy in the cooling systems as defined by CSA 317.2, and cooling required by Facility systems in a post disaster event. The redundancy of the cooling plant is to be beyond CSA Z317.2, in that it is to be designed to provide a minimum of 100% of the design day peak load for the entire Facility, as specified in CSA Z317.2, with the largest chiller out of service.
 - (5) Provide 100% outdoor air for free cooling as the first means of space cooling.
 - (6) Chillers will be rated in accordance with ARI 550/590-98. No absorption chillers may be used.
 - (7) Prime mover nameplate ratings for each circuit will not exceed 200 KW for groups A1, A2 or B1 refrigerants.
 - (8) Cooling towers performance will be certified in accordance with CTI (Cooling Tower Institute) Standard STD-201.
 - (9) Provide chillers and cooling towers for ease of operation, accessibility for maintenance, safety and appearance.
 - (10) Installation will comply with ASHRAE Guideline 12-2000 for Minimizing the Risk of Legionellosis Associated with Building Water Systems.
 - (11) Provide emergency power provisions to ensure that all Type 1 rooms are provided with cooling in the case of a power outage.
- (c) Space Heating and Cooling
- (1) Basic Requirements
 - (A) Provide all necessary space, ventilation and process heating for all building(s) on the Lands.
 - (B) Space heating capacity must be sufficient to meet the required high-end indoor design temperature per CSA-Z317.2-10.
 - (C) All heating elements must comply with CSA-Z317.2. Remove all noncompliant elements (i.e. finned tube radiation) and replace with a suitable alternative
 - (D) All existing piping to be reused must be thoroughly flushed and cleaned. All piping must be visually inspected prior to reuse. A representative sample of 10% of the elbows must be tested using destructive testing to determine adequate pipe wall thickness. Provide test results to the technical consultant for review.
 - (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.

- (A) Sources of heating and cooling that serve Type I and Type II spaces will be connected to the emergency power supply. Refer to CSA Z317.2 for space Type definitions.
 - (B) Provide air curtains to all vestibules adjacent to the exterior to prevent cold drafts from entering the adjacent occupied space.
 - (C) Insulate all piping, equipment and accessories in accordance with all applicable standards, including ASHRAE 90.1.
 - (D) Provide seismic mitigation and building separation devices for all piping that crosses buildings and/or utility corridors.
 - (E) Provide adequate expansion compensation for heating, cooling and steam piping.
 - (F) Location of anchors and guides, design of expansion compensation loops and selection of expansion compensation devices will be based on a thorough review of piping layout, and piping stress analysis.
 - (G) Ensure that no air within the air conditioning system, outside of the central air handling equipment, drops below its dewpoint temperature.
 - (H) Provide continuously available chilled water or condenser water systems, or air cooled condensers for all areas containing specialized medical equipment, walk in coolers, Server rooms and electrical rooms for managing continuous internal heat gains. Cooling and heat rejection for these critical loads may be served by the central cooling plant provided the system incorporates redundancy per CSA Z317.2 requirements and is connected to the delayed vital electrical system. Provide domestic water backup cooling on all water cooled essential loads. Design HVAC terminal components in conjunction with equipment location in order to mitigate unnecessary heat gain into the space.
 - (I) The crawlspace currently has a number of air cooled condensing units which reject heat from the year round cooling loads (body coolers, kitchen fridges, CT cooling and LAN and Server room). Should the contractor choose to retain this strategy, all equipment must be relocated into a fire rated room to satisfy the requirements set forth by the Fire Marshall. Provide adequate ventilation to the room to prevent heat buildup.
- (3) Performance Criteria
- (A) Install piping in an orderly manner (aligned with structural elements and at right angles). Slope piping to permit complete drainage of the system. Make allowances in all pipe sizing to provide flexibility for future renovations, in accordance with Section 4.1(c).
 - (B) Heating piping must be configured in a reverse return configuration. Direct return will not be acceptable.

- (C) Equipment and piping will be installed with adequate service space, access panels, and the ability to remove equipment for servicing or replacement. Locate services that require access for regular maintenance above non-critical spaces such as corridors to minimize or eliminate disruptions to the delivery of health care services.
 - (D) All high points in piping will be equipped with air removal devices such as air collection chambers and air vents.
 - (E) Provide isolation valves, unions, and bypass piping to allow for equipment isolation and removal without unduly affecting the system operation or major drain down.
 - (F) Provide ball valves at each side of all zone valves for ease of replacement.
 - (G) Provide balancing valves, flow-measuring devices, temperature and pressure sensors throughout the system to facilitate system balancing.
- (d) Ventilation
- (1) Basic Requirements
 - (A) Provide all necessary ventilation for the Facility.
 - (B) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.
 - (C) The existing air handling units may not be used. The equipment is beyond its useful service life and the Project Co may not incorporate this equipment into the Design of the Facility.
 - (D) Ventilation systems are to be designed to meet all requirements of CSA Z317.02, and 100% redundancy shall be provided for all areas so required by this standard.
 - (E) The air handling equipment for the Facility will be designed to provide 100% outdoor air capability at all times of the year to meet requirements of CSA Z317.2 during catastrophic events. Size heating and cooling equipment appropriately. Refer also to Section 7.4(d)(1)(K) of this Schedule.
 - (F) Design all surgical rooms to support invasive procedures as per applicable CSA Z317.02 guidelines. Operating rooms to incorporate air curtain and laminar flow air distribution system.
 - (G) In addition to the requirements of CSA Z317.2, design the ventilation systems so that all areas designated as outbreak control zones can operate to mitigate the spread of infections during an outbreak. A minimum of two adjacent inpatient units shall be operated as an outbreak control zone. The ventilation system will be capable of being:

- (i) easily converted into a negative pressure condition with respect to adjacent floor areas by proportionally changing the supply, return, and exhaust air ratio for all rooms within the zone; and
 - (ii) easily configured to ensure that no airborne infection can be re-circulated into any ventilation system from any outbreak control zone.
- (H) Provide an HVAC system that maintains appropriate pressure relationships between various areas of the Facility and provides necessary outdoor air quantity, air filtration, cleansing and exhaust to control the transmission of infection. Refer to applicable infection control standards and CSA Z317.2 for the relative pressurization and other minimum indoor air quality requirements for the Facility.
- (I) Provide HVAC systems with adequate backup capacity and equipment redundancy to ensure continuous Facility operations at all times.
- (J) Provide air handling units with sectional heating and cooling coils and manual isolation valves that will enable isolation and repairs to the damaged sections of coils without stoppage of the system.
- (K) Design and construct the Facility to comply with the requirements of CSA Z317.2 (Special Requirements for Heating, Ventilation & Air Conditioning Systems in Health Care Facilities) for a Class A-2 HCF (Health Care Facility), except as follows:
 - (i) Surgical Services (Component 4.0 of the Clinical Specifications) will have 100% redundant air handling unit systems, and will meet CSA Z317.2 for air change rates and will operate with continuous 100% outside air;
 - (ii) each of the air handling units serving the Medical / Surgical Inpatient Units in the Inpatient Services, as per the Clinical Specifications, will have interconnected air handling equipment to provide adequate redundancy. The redundancy for critical spaces being served will provide sufficient fresh air and filtration as outlined in CSA Z317.02;
 - (iii) all air handling equipment serving inpatient areas shall implement multiple fans or a fan wall within a single air handling unit cabinet; and
 - (iv) all air handling units must be located inside of a mechanical room. No outdoor units are permitted.
- (L) For the purposes of infection control during future renovations, provide a damper on each supply, return and exhaust duct main as it enters each unit and floor. Dampers are to be of sufficient quality to ensure minimal leakage of airflow. Provide an endswitch on each damper to ensure isolation has been achieved.

- (M) Provide air filtration in accordance with all applicable standards. All HVAC systems will perform such that any indoor contaminants are maintained at less than 50% of their occupational exposure limits (OELs). Provide MERV 15 and carbon filters on all air handlers serving Type 1 rooms to eliminate outside odors from forest fire smoke and diesel fumes.
 - (N) Provide dedicated supply air with HEPA filters for spaces as required by applicable standards.
 - (O) Design operating rooms as Type 1 – specialized rooms as described in CSA-Z317.2-10.
 - (P) Provide fans with variable frequency drives (VFDs) for energy savings under part-load conditions.
 - (Q) Air handling equipment will be factory-fabricated to ensure the highest construction standard.
 - (R) Provide vandal-proof HVAC fixtures in safe and seclusion rooms, and other areas where psychiatric patients may be present and unsupervised.
 - (S) Ensure the ventilation systems are designed to accommodate any additional ventilation supply needed for commercial spaces, to maintain proper pressurization throughout the Facility. Provide sufficient make up air for all NFPA-96 commercial exhaust hood systems. Make allowance within the base building systems for any future make-up air systems needed for future tenant fit-outs of the commercial spaces.
 - (T) Ensure the ventilation of residential dryers and range hoods exhaust air is ducted to the exterior. If the ducting exceeds the dryer's maximum allowable distance, provide a booster fan.
 - (U) Apply CSA-Z317.2-10 and ASHRAE standard 170-2008 for space pressurization and minimum air change rates. If the standards differ apply the most stringent requirement.
 - (V) Procedure Rooms that fall under CSA Z317.2 – Table 1 as Minor Surgical Procedure and Trauma Rooms, along with CSA Z8000 – Table 9.5 Items 20-22 will have a minimum of 20 air changes per hour notwithstanding that 15 air changes per hour is stipulated in these standards.
 - (W) Procedure Rooms, Isolation Rooms and the entire ICU Department shall be treated as an area of refuge. The air distribution system serving these areas must be suitable to maintain operation during a fire or other emergency.
- (2) Performance Criteria
- (A) Provide indoor air quality (IAQ) plans to meet the Project's IAQ requirements. All ventilation systems to be installed in full compliance with requirements of CSA Z317.13 Infection Control Procedures.

- (B) Incorporate a strategy to allow the installation and removal of major Facility equipment such as fans without disrupting hospital operations.
 - (C) Locate fans, common filters (e.g. HEPA), and other equipment in the central mechanical rooms. Allow for adequate clearance for service access.
 - (D) Provide exhaust systems with bag in–bag out filters and 100% redundancy for Isolation Room exhaust systems.
 - (E) Make allowances in duct sizing and equipment selections to provide flexibility for future changes in spaces. Refer to Section 4.1(c).
 - (F) Provide fresh air intakes, cooling coil drain pans, air handling units, duct mounted humidifiers, ductwork, and all other interconnected components to prevent moisture or contaminants from collecting within the system. Provide sufficient access panels to allow for inspection and cleaning.
 - (G) Fresh air intakes will be located to not entrain contaminants from outdoor sources including existing exhaust points of adjacent buildings. All intakes will be located in areas that are not accessible by the public and will not be located near exhaust air outlets. All outdoor air intakes are to incorporate downturn hoods as described in the Good Building Practices for Northern Facilities. All intakes are to incorporate motorized dampers installed at the exterior wall. Clearances to outdoor air intakes are, as far as possible, to meet those listed in CSA Z317.02.
 - (H) All supply, return, and exhaust air will be fully ducted to the space being served. Ceiling area may not be used as return air plenums.
 - (I) Insulate all ductwork to all applicable standards, including ASHRAE 90.1 and the National Energy Code of Canada for Buildings.
 - (J) Provide seismic mitigation and building separation devices for all ductwork that crossings buildings and/or utility corridors.
 - (K) No in-slab or under slab ductwork is permitted.
 - (L) All fire dampers installed throughout the Facility to be provided with adequately sized and suitably located duct access doors to allow maintainers to perform the annual drop tests required by CSA Z317.02.
 - (M) All ductwork to be cleaned as per CSA Z317.02, and have adequate access doors to enable regular cleaning of duct interiors during the lifespan of the Facility.
- (e) Exhaust Systems
- (1) Basic Requirements
 - (A) Design exhaust air discharges to ensure that there is no cross contamination with outdoor air intakes for the Existing Hospital and any new buildings on the Lands.

- (B) The Project Co is to perform a dispersion model to ensure no cross contamination.
- (2) The Existing Hospital will remain occupied at all times during the course of the Project. All modifications to the existing systems must be phased to ensure continuous service to all occupied spaces. Provide any temporary systems as required to maintain continued service.
- (A) Provide exhaust fans and locate them at the end of the exhaust ductwork systems. Ensure that the fans will be readily serviceable and are separated from spaces that house other mechanical equipment.
 - (B) Integrate the control of the exhaust systems with the ventilation supply air systems for spaces with differential pressure requirements from adjacent spaces.
 - (C) Provide an exhaust air system suitable for Type 1 rooms, the laboratory requirements, surgery rooms, morgue wall mounted autopsy station and any other special venting requirements as per CSA standards. These systems will be interlocked with the supply air systems.
 - (D) Provide commercial-grade NFPA-96 exhaust hood systems where commercial cooking operations will occur within a commercial space. Interlock the hood(s) with a make-up air system to ensure proper pressurization within the Facility is maintained.
 - (E) Provide exhaust systems at the emergency generators for radiator cooling and engine exhaust. Ensure exhaust termination points are located as per Good Building Practices for Northern Facilities so flue gases are not entrained in air intakes, operable windows, or any other building opening for the Facility or adjacent buildings.
 - (F) Make provisions in the Facility exterior for connections of portable negative pressurization ventilation units that are used during future Facility renovations. These connection points will be available for use without adversely affecting the building envelope. Provide sufficient connection points at the Facility exterior so all internal areas can be served by negative pressurization ventilation units.
- (3) Performance Criteria
- (A) Isolation Rooms and their associated washrooms will be provided with dedicated exhaust systems with 100% redundancy. HEPA filters will be provided in the exhaust ductwork in readily accessible locations for servicing.
 - (B) Biosafety cabinets will be provided with dedicated exhaust systems that are appropriate for their class and type. Where multiple cabinets are tied into a common system, a 100% redundant central exhaust system will be provided.
 - (C) Fume hoods and other smoke/fume generating process booths/space will be provided with dedicated exhaust systems that are corrosion/chemical resistant to the exhaust media.

- (i) Ensure all exhaust systems serving clean rooms, or the equipment within, are designed to comply with the most current version of USP 797.
 - (D) Provide dedicated exhaust systems as required for medical equipment. Provide central or built in systems for smoke evacuation in operations or procedures rooms. Do not use portable systems.
 - (E) All ductwork that exhausts humid air at or near saturation will be constructed of welded stainless steel of a suitable alloy, or of a material equally resilient to corrosion. All duct sections will be sloped to drain points and will be accessible for inspection and cleaning.
- (f) Metering Requirements for Energy Measurement and Verification
- (1) Provide meters on all services connecting to the Facility from an external infrastructure including but not limited to domestic water and electrical service.
 - (2) Provide all required meters, sensors, and trend logging equipment at end uses within the Facility to meet the energy monitoring requirements outlined in Appendix 2C [Energy and Carbon Emissions].
 - (3) All meters will be connected to an integrated energy management system to monitor, record, report, and analyze energy consumption. Coordinate electrical metering and the energy management system with the requirements of Section 7.6 Electrical (Division 26).
 - (4) Metering intervals will be fifteen minutes or less.
- (g) Sound Attenuation and Vibration Isolation
- (1) Provide all mechanical systems to prevent sound and vibration transmission between spaces, to prevent transmission from mechanical equipment to the spaces, and to minimize sound and vibration transmission to the outside of the Facility. Provide sound attenuation to limit sound levels in accordance with the Alberta Blue Book (with GNWT revisions).
 - (2) Systems will be provided with noise attenuation screening if the equipment or their exterior openings are located facing and within 200 meters of residential areas.
 - (3) Provide vibration isolation devices on all equipment with rotating components.
 - (4) All hung equipment will utilize spring isolators designed for the weight and vibration characteristics of the equipment.
 - (5) Provide flexible connections where needed to isolate mechanical equipment sound and vibration from ducting, piping and electrical wiring systems.
 - (6) Ensure duct silencers meet or exceed the requirements of the ductwork for cleanliness and inspection. All silencers, VAV box attenuators and acoustic insulation to be lined with rated film liners.
 - (7) Utilize fibre free internal insulation.

- (h) Testing, Adjusting, Balancing (TAB) and Commissioning (Cx)
 - (1) Without limiting Project Co's commissioning obligations under Section 12 (Commissioning) of Schedule 2 [Design and Construction Protocols], Project Co will:
 - (A) perform testing, adjusting, balancing and commissioning (TAB & Cx) of all mechanical equipment;
 - (B) integrate the TAB & Cx into the Project Construction and start-up schedules. Configure the TAB & Cx plan so it will support a phased occupancy of the Facility, if required by Construction conditions and approved by the Authority;
 - (C) utilize a quality assurance system throughout the TAB & Cx process to ensure that TAB & Cx has been performed to all equipment and systems requiring TAB & Cx;
 - (D) demonstrate the quality assurance system to the Authority prior to beginning TAB & Cx;
 - (E) ensure any Construction or installation errors are identified and remedied prior to the start of TAB & Cx functional testing;
 - (F) perform follow-up TAB & Cx services during each season over the first year of the Facility operation;
 - (G) make all TAB & Cx reports available to the Authority;
 - (H) the reports will identify how much additional capacity is available for in all systems, as required by Section 4.1(c); and
 - (I) retain complete records of all TAB & Cx data.

7.5 Integrated Automation (Division 25)

(a) Controls

(1) Basic Requirements

- (A) The Existing Hospital management system is a Johnson Controls Metasys system.
- (B) Provide a building management system (“**BMS**”) for the Facility that performs the following functions:
 - (i) automatically operates, monitors and manages the Facility’s mechanical systems to provide a high level of occupant comfort and maintains a healthy and productive environment without disruption to the delivery of clinical and patient treatment services;
 - (ii) provides an internet based means of external monitoring by the Authority, including all associated hardware and Software;
 - (iii) Interfaces with the Facility mechanical, electrical and communication systems and controls;
 - (iv) meters, trends and archives all data related to the flow of services into and out of the Facility, including domestic water, steam, condensate, medical oxygen, electricity and hot water and takes into account seasonal variations in flow rate;
 - (v) annunciates Facility and equipment alarms, including fire alarm, security alarms, freezer alarms, lab alarms, medical equipment alarms, lighting, UPS, emergency power systems, switchgear alarms, temperature and humidity setpoint deviation alarm;
 - (vi) monitors the status, temperature, humidity, and alarms for equipment including freezers, coolers, labs, and medical equipment; and
 - (vii) acquires and collates all data associated with energy measurement and verification as required by Section 7.4(f).
- (C) Design the controls systems to allow monitoring and operation of the Facility from a BMS location in the Facility, or from any location with appropriate security controls in place via an Integrated building management system over IP (BMS/IP).
- (D) The BMS will be a completely Integrated (front-end and back-end) Native BacNET DDC system.
- (E) The BMS will be non-proprietary and designed with open protocol.

- (F) The BMS will be provided as a complete package from one manufacturer, not a composite system from several. Proprietary systems may be Integrated into the BMS provided there are sufficient control points between the two systems to monitor and operate the system as required by these specifications, and to diagnose problems.
- (G) The BMS will optimize the system performance under all operating conditions to minimize Facility energy usage.
- (H) The BMS will accommodate future technological changes and the architecture of the BMS will permit expansion of the system for future renovations.
- (I) The BMS will be an independent system separate from the fire alarm and other control systems.
- (J) Provide airflow sensors at infectious control isolation dampers in ductwork to ensure isolation has been achieved.
- (K) Provide sensors to monitor outdoor air volumes, space CO2 levels, and other levels as required.
- (L) Provide continuously-operating sensors between all spaces requiring differential pressurization to monitor that the required pressure differential is in place. In addition to BMS alarms, provide local audio and visual alarms at the room entrance and also at the local monitoring station if applicable.
- (M) Provide particle counter sensors downstream of all HEPA filter installations.
- (N) Provide BMS complete with automated fault detection, diagnosis and reporting (AFDDR) Software. Configure and operate the AFDDR Software to ensure Facility systems remain continuously optimized, and the need for fault diagnosis by the Facility operator is minimized. AFDDR Software will provide customizable web-accessible reports available to the Authority.
- (O) Provide a separate physical network and any required network equipment for the BMS.
- (P) All system critical Server/head-end applications which the BMS relies upon will reside on the Authority's Server equipment. All Software systems, platforms and equipment will comply with the Authority's standards.
- (Q) BMS system to include all necessary devices and programming to provide automatic changeover to all backup systems with no unnecessary delays (systems switch over at Type 1 rooms, activation of standby boilers on failure of lead unit, etc.).

(b) Performance Criteria

- (1) Provide an independent control zone for each patient care room. For Type 3 spaces as defined in CSA Z317.2, zoning for HVAC systems will be based on occupancy, room location, room orientation and room heating and cooling loads.
- (2) Zone floor areas to provide control of smoke in a fire situation. Zone floor areas to ensure infection control for each of the care team stations.
- (3) Provide thermostats throughout the Facility as required. Mercury-containing components will not be permitted.
 - (A) Provide adjustable type thermostats in all patient rooms with temperature read out. The temperature range will be controlled by the BMS.
- (4) Provide local pressure control for each isolation room and anteroom. Provide a local annunciator panel located in the corridor outside each of these rooms.
- (5) All components will be designed to default to a safe position upon failure, and will be installed to ensure reliable operation at any failure situation.
- (6) The BMS will monitor, control, indicate alarms, and provide trending where applicable for all connected sensors and control points.
- (7) The BMS will be connected to emergency power and UPS to ensure continued availability during utility power disruptions.
- (8) The BMS will monitor critical alarms for essential building and life safety systems. Critical alarms include:
 - (A) fire alarm system for alarm, supervisory and trouble;
 - (B) all temperature alarms resulting from setpoint deviations;
 - (C) failure of any major HVAC or plumbing equipment;
 - (D) medical gas system high and low pressure alarms;
 - (E) all alarms relating to the fire protection system; and
 - (F) all alarms related to the emergency power generators and transfer switch control system.
- (9) The BMS documentation will include a detailed narrative description of the sequence of operation of each system.
- (10) User Interface will be graphical in nature with animated graphics to indicate equipment operation. Graphics will be grouped in systems and in departments.
- (11) The energy management system will be connected to the BMS. Provide sufficient meters to accurately distinguish between Targeted and Non-Targeted Energy loads, as defined in Appendix 2C [Energy].

- (12) Utilize BMS system to monitor pressurization of Construction areas by tying in sensors so it can be logged and tracked automatically during Construction.

7.6 Electrical (Division 26)

(a) Wiring Methods, Materials and Devices

(1) Basic Requirements

- (A) Use wiring methods, materials and devices that result in a safe, reliable and flexible electrical power, lighting control, communication, data and life safety system.
- (B) Install all wiring in a neat and secure manner so that it is protected from damage, is not in conflict with mechanical or architectural components and allows for future changes and additions.
- (C) Do not install conduit or wiring in floor slabs, except where it is impossible to supply the device from the ceiling, or specific approval has been granted by the Authority.
- (D) Branch circuits from panelboards will be routed to a large pullbox located in the ceiling space immediately above the panelboard for distribution through the above-ceiling service space.
- (E) Colour of power receptacles will be as follows:
 - (i) Normal power – WHITE
 - (ii) Essential power – RED
 - (iii) UPS power – GREY
 - (iv) Housekeeping – BLACK
- (F) All power receptacles will be identified with panel and circuit number. Colour of labelling will be in accordance with Authority colour coding standards as follows:
 - (i) Vital power - RED with WHITE text
 - (ii) Delayed vital power - BLUE with WHITE text
 - (iii) Conditional power - YELLOW with BLACK text
 - (iv) UPS - GREY with BLACK text
 - (v) Normal power - BLACK with WHITE text

- (G) Project Co will obtain approval from the Authority of the proposed classification of all patient care areas in the Facility per CSA Z32-09.
 - (i) The Authority will review these classifications and confirm the areas as basic, intermediate or critical care. Provide as a minimum the circuit and receptacle requirements identified in CSA Z32-09. Where this Schedule 3 identifies requirements beyond CSA Z32-09, comply with the requirements of this Schedule 3.

(2) Performance Criteria

- (A) Utilize non-alloyed copper for all conductors and all conducting components of electrical equipment, which form part of the Facility's wiring systems. Minimum conductor size will be #12AWG. Aluminum conductors installed in conduits may be used for feeders larger than #6AWG.
- (B) All conductors #10 AWG and larger will be stranded.
- (C) Project Co may use Teck cable in mechanical plant rooms and service rooms for connection to mechanical equipment. Teck cable will be installed in perpendicular runs and will be neatly strapped to dedicated cable support systems or tray. Do not support armored cabling from mechanical ducts, pipes or equipment. Where possible, Teck cable runs will be consolidated into common routes.
- (D) Each branch circuit will be provided with a dedicated neutral conductor.
- (E) Provide panelboards and feeders with double neutral(s) capacity where significant non-linear load(s) are anticipated for a data centre, the MCR and the LCRs.
- (F) Conceal all wiring and wiring support systems from public view except where approved by the Authority.
- (G) Separate all wiring for systems of different voltages and from different sources and do not run in common raceways. Maintain adequate shielding and separation between wiring for power and communication systems to prevent interference.
- (H) Provide hospital grade receptacles for all patient care areas. Receptacles in all other areas will be specification grade. Receptacles will be colour coded.
- (I) Utilize stainless steel cover plates for receptacles and switches. Grouped receptacles and switches will have a single cover plate for the whole group.

- (J) Design each room in the Facility such that receptacles and data outlets are distributed throughout the room as required to support functionality and convenient use of equipment by Facility Users and in accordance with Good Industry Practice and as required by other provisions of the Agreement. Provide sufficient quantities of receptacles and data outlets as required:
 - (i) to meet or exceed the requirements of CSA Z32-09; and
 - (ii) to support all of the systems and equipment to be installed or used in the Facility, including any additional power outlets required by other provisions of this Agreement; and as required by Good Industry Practice to provide convenience, flexibility of use and operational support throughout the Facility.
- (K) Unless otherwise requested by the Authority or elsewhere in this specification, provide emergency power per CSA Z32 requirements and for 75% of the receptacles within the Emergency Department. The remainder of the receptacles in the Emergency Department will be provided with conditional emergency power.
- (L) Allow a maximum connection of six general use receptacles to one 20 amp circuit.
- (M) Utilize 20 ampere branch circuit and receptacles throughout the facility except for system furniture and car heater receptacles. Use 15 ampere branch circuits for system furniture and car heater receptacles.
- (N) Utilize NEMA 5-20R 20Amp style receptacles for printers and copiers. Provide 20A rated dedicated circuits for each printer and copier.
- (O) Utilize NEMA 5-20R 20Amp style receptacles for housekeeping staggered on alternate sides of the hallways spaced a maximum of 10 meters apart. Provide 20A rated dedicated circuits for each area, to a maximum of 6 receptacles per circuit.
- (P) Provide duplex receptacles on a minimum of two walls in all offices. Provide two duplex receptacles in a single box at every workstation.
- (Q) Provide a minimum of one 20Amp circuit per four open office workstations.
- (R) Provide a minimum of one 20Amp circuit per two single person enclosed offices.
- (S) In each multi-occupancy office provide a minimum of one quadplex receptacle for each desk or workstation and a minimum of one duplex receptacle spaced every 3 meters of open wall space.
- (T) Each administration workstation will have a minimum of two duplex receptacles.
- (U) Provide a minimum of five duplex receptacles in each exam treatment room, two of which will be fed from vital power.

- (V) Provide a minimum of four duplex receptacles at each clean utility room, 50% of which will be fed from vital power and the remainder connected to conditional power.
- (W) In each care team station, provide one quadplex receptacle spaced 1 m on centre below work counters in knee space or above counter if no knee space is provided. 50% of these receptacles will be fed from vital power and the remainder connected to conditional power.
- (X) In each conference or meeting room provide a minimum of one duplex receptacle spaced every 3 meters of wall space and one duplex receptacle spaced a maximum every 1.5 meters above work counters. In addition, provide receptacles for all dedicated equipment such as microwaves, coffee makers, refrigerators, etc. At all locations with overhead projectors provide 20Amp 120 volt receptacle located at ceiling and provide one 27 mm conduit and pullstring to floor and/or wall outlet for the video signal to the projector. Provide a recessed floor box for under the table with a minimum of one duplex receptacle and two data jacks.
- (Y) Provide two duplex receptacles at each patient treatment bed or care location in patient care areas defined by CSA Z32-09 as "Basic Care Area", and connect one of the receptacles to vital power.
- (Z) Provide six duplex receptacles per patient care location in patient care areas defined by CSA Z32-09 as "Intermediate Care Area", and connect three of the receptacles to vital power.
- (AA) Provide eight duplex receptacles per patient care locations defined by CSA Z32-09 as "Critical Care Area", and connect 75% of these receptacles to vital power. Remainder of receptacles will be connected to conditional power.
- (BB) Provide one duplex receptacle for each electric bed where applicable in all patient care areas and connect to vital power.
- (CC) Provide a minimum of four duplex receptacles at each medication room, connect 50% of these receptacles to vital power.
- (DD) Provide one duplex receptacle for every 35 square meters, or portion thereof, of service, housekeeping and storage space. A minimum of one duplex receptacle will be provided per room.
- (EE) Provide special receptacles for fixed and moveable equipment as defined in the Equipment List.
- (FF) Provide each workbench in the biomedical technical work area with one 50A, 208V outlet, plus two dedicated 20A, 120V circuits each of which serves a six outlet power bar. One of the 20A circuits will be delayed vital power. Provide a recessed floor box in the centre of the room with a minimum of one duplex receptacle and two data jacks.
- (GG) Install approved fire stopping to maintain all fire separations and as required by local governmental authorities.

- (HH) Provide a duplex receptacle for every two parking stalls for car engine heaters except for the main parking lot. Feed these receptacles from dedicated panelboards complete with a network meter. Network these meters with the electrical metering system.

(b) Raceways

(1) Basic Requirements

- (A) Provide raceways for all wiring and cabling to support, protect and organize all wiring and cabling systems.
- (B) Design raceways to provide ease of access and install with capacity for expansion and change, consistent with the requirements of the equipment and systems that they serve.
- (C) Install all raceways in a neat and secure manner in such a way that they are protected from damage, are not in conflict with mechanical or architectural components and allow for future changes and additions.
- (D) Except as noted otherwise, install power wiring in EMT with steel couplings and connectors.
- (E) Install telecommunication outlets and building system wiring (unless otherwise required by applicable codes and standards) in EMT with steel couplings and connectors and/or cable trays. Install individual steel backboxes for all communication system devices. Conduits connecting to cable trays for communication system wiring will be mechanically connected, completed with grounding bushings.
- (F) EMT is to be surface mounted in service rooms and concealed in ceiling spaces and partition walls. Do not encase EMT in concrete. Use PVC conduit:
 - (i) for power wiring to lighting fixtures and receptacles located in the parkade; or
 - (ii) approved by the Authority as being necessary to achieve a concealed installation in finished spaces such as exposed concrete stairwells.
- (G) Minimum EMT conduit size is 21 mm (3/4"), except that minimum EMT conduit size for each communication or data outlet is 27 mm (1") – see Section 7.7 Communications (Division 27) for minimum cabling requirements for a telecommunication or data outlet.
- (H) Use flexible conduit for all final connections to vibrating equipment, such as transformers and motors.
- (I) Minimum flexible conduit size is 21 mm (3/4") and maximum length of any flexible conduit run is 1.5 metres.

- (J) Except as noted below, armored cable (BX) may be used only for final connections from concealed junction boxes to lighting fixtures on suspended ceilings. The maximum length of any individual piece of armored cable is 3.0 metres.
 - (K) Use rigid PVC conduits for the underground portion of services to lighting and power outlets located outside of a building.
 - (L) Install individual bonding conductor in each conduit and/or raceway.
 - (M) Raceways shall typically be concealed, however, surface raceways may be installed where required and approved by the Authority. Typical areas will include laboratory spaces, workbenches, nurse stations, and other areas where frequent changes in power and telecommunication outlets are likely.
 - (N) Armored cable (BX) may be provided for modular pre-fabrication of non-clinical electrical systems. Modular wiring will consist of pre-cut flexible wiring which will terminate at an easily located and accessible junction box above the ceiling. The junction box will be located in an adjacent room within 3m (horizontally) of the prefabricated unit. Excess lengths of armored cable will be neatly coiled up in the ceiling space to accommodate future changes. All wiring installed in walls will be vertical from device to ceiling space.
 - (O) Armored cable (BX) may be provided for receptacles and light switches for non-clinical administrative areas. All installation of armored cabling will be concealed and will originate from an easily located and accessible junction box mounted above the ceiling of the room it serves. This junction box will only serve one room, and will utilize conduit to home run its circuits back to a panelboard. Armored cable may be daisy-chained within a single wall, but will not extend (i) around a corner, or (ii) horizontally beyond 10 metres of its vertical drop from the junction box. There will be no excess armored cabling in the ceiling space and all wiring will be neatly strapped to the underside of slab, or onto dedicated wire management supports. Do not support armored cabling from mechanical ducts, pipes or equipment, or suspended ceiling systems.
- (2) All power outlet and telecommunication outlet back boxes will be a minimum 4" square welded steel type, equivalent to a Iberville 5200 series.
- (A) Provide cable trays for installation of all communication system wiring for data, telephone, public address and other such systems. Install cable trays from communication rooms and above most corridors. If cable trays pass through walls with fire resistance ratings, provide a non-removable ULC approved firestopping system similar to 'EZPath' raceway or 'Hilti Speedsleeve' of a quantity capable of accommodating the entire capacity of the cable tray. Follow clearances as dictated by CEC clause 12-2200(6) for all communication cabling cable trays.
 - (B) Cable tray will be aluminum or steel wire mesh or ladder type with manufactured fittings. Provide continuous #6AWG minimum bare copper bonding wire which is connected by split bolt to each length of the cable tray. Provide bare copper bonding jumper between the cable tray and every associated conduit to ensure continuous bond between tray and low tension raceways.

- (C) Identify all conduits, raceways, pull boxes, and junction boxes using painted colour bands. Colouring scheme will be determined by the Authority at a later date. Provide all power and communication systems with unique colours in accordance with the colouring scheme. Major colour to be 100 mm wide and minor colour to be 50 mm wide. Identify raceways with coloured bands (using either spray paint or coloured duct tape) at intervals of 6 m, plus at the point where the raceway enters a wall or floor (i.e. raceway is identified on both sides of a penetration to facilitate tracing of raceway). Colour-code all junction boxes using spray paint on the cover. Neatly identify the relevant system and circuit ID using permanent marker pen. Identify parallel conduit runs at common locations.
- (D) Indicate the location of conductors encased or embedded in concrete or masonry by conspicuous permanent markers set in the walls, floors, or ceilings. Markers will indicate each point at which buried conductors penetrate a wall. Markers will indicate encased or buried conductors every 10 meters and at each change in direction.

(3) Performance Criteria

- (A) Construct separate raceways or barriered raceways to isolate systems of different voltages and prevent magnetic interference to low voltage system conductors.
- (B) Design and install raceways without sharp edges or tight bends so that cables can be pulled in or laid in and removed without damage to the cables.
- (C) Provide all cable trays with minimum 50% spare capacity for the installation of future cables. If multiple raceways are required in a group, such as a duct bank or tray system interconnecting two or more major areas, provide matching empty raceway equal to a minimum of 50% of the capacity of the total installed group.
- (D) Provide a minimum of two spare 103 mm conduits with pullstrings from the main electrical room to each sub-distribution room.
- (E) Provide all duct banks with a minimum quantity of 50% spare conduits of the largest conduit size.
- (F) Install all conduits in finished areas within finished walls and above finished ceilings.

(c) Electrical Utilities

(1) Basic Requirements

- (A) Coordinate with the electric utility for service to the Lands. The Facility will be served by a utility owned transformer. The existing one will have to be replaced with a larger one. The minimum size of the utility transformer shall be 2500 kVA.

- (B) Coordinate with Northwestel Cable and provide fibre and cable TV services to the Lands. Consult with the Authority and provide redundant fibre and copper services to the new Main Communications Room (MCR).
 - (C) The main electrical room will be designed and constructed to facilitate future expansion with minimal disruption to Facility operation and continuity. The Facility will be constructed with all necessary infrastructure including spare capacity, spare circuit breakers, physical expansion space, ducts stubbed out from the building footprint and capped off for easy future extension, pull- pits, sleeves, housekeeping pads, wiring, controls, distribution routes, and ventilation as necessary to accommodate the future system expansion.
- (2) Performance Criteria
- (A) Design the electrical systems and equipment to comply with the NBC requirements for a post-disaster facility.
 - (B) Design the electrical and communication rooms to be accessible to authorized personnel only. Provide security measures as required by the Authority including access controls.
 - (C) Incorporate design features and practices to reduce arc flash hazards on electrical systems such that routine operations such as transfer switch operation, opening and closing distribution breakers, and inspection and maintenance activities will require (as defined in Z462) PPE Level 2. No activities will expose personnel to arc flash hazards which exceed the protection afforded by PPE Level 4. Label all electrical supply and distribution equipment down to panelboards, motor starters, and local disconnects with labels as specified by Z462. The arc flash study shall be redone after the actual transformers are delivered so that the actual transformer impedances are in the data set.
 - (D) Utilize technologies such as zone selective interlocking protection, limiting available fault current from transformers, maintenance mode settings of circuit breakers or providing remote control of switching and motorized racking devices.
 - (E) Prepare and submit to the Authority a detailed arc flash study signed and sealed by a professional and provide equipment labelling indicating available energy levels and level of PPE required when servicing the equipment.
 - (F) Provide a fully selective protection scheme for all of the 600 volt circuit breakers on all essential system distribution equipment immediately downstream of the transfer switches, for both utility and generator available fault currents. Additionally, all essential system 600 volt circuit breakers will be fully selective for circuit breaker sizes 150A and larger.
 - (G) Prepare and submit to the Authority a detailed distribution coordination study signed and sealed by a professional engineer.
- (d) Service Switchgear – Over 600 Volts – NOT USED

(e) Emergency Power

(1) Basic Requirements

- (A) Provide a Tier 2 emergency power generating plant comprising a minimum of two diesel powered generators. Generators will be located inside the Facility. The minimum size of each of the two generators shall be 1250 kW.
- (B) Generators will be capable of being installed and withdrawn from the Facility through the air discharge louvers with minimal deconstruction work being required.
- (C) Locate the generators to enable routine and emergency maintenance activities to be performed quickly and efficiently. Removal of the generators from the Lands will be simple and will not require disassembly of the Facility or systems, nor special lifting equipment.
- (D) Generators will not be located where they are subject to damage from vandalism, falling objects or debris, road traffic, fire, flood or adverse weather conditions.
- (E) Generator sizing will include the electrical system spare capacity per Section 5.9(b)(5). Upon loss of one generator, the remaining generator(s) will be capable of supplying the total future vital and delayed vital power systems peak load. The "future vital and delayed vital power system peak load" means peak demand load when the Facility has been constructed to include the future expansion capacity in Section 5.9(b)(5). The electrical system expansion criteria identified in Section 5.9(b)(5) pertains to load growth within the Facility only.
- (F) Spare space is required to accommodate future additional electrical distribution equipment necessary to serve the future site expansion identified in Section 4.1(c). Project Co will provide suitable physical space, ducts etc. required to accommodate the future additional electrical distribution equipment, but no additional electrical capacity is required to be provided for this expansion.

(2) Performance Criteria

- (A) Generators will be supplied by an established supplier of generators to healthcare facilities in NWT. The generator supplier will have a full service repair facility within 8 hours travel time (by road and sea) to the Site. Generator spares will be routinely stocked within the repair facility and will be available on Site within 24 hours.
- (B) The generators will normally operate in parallel and provide features including bumpless (closed transition) transfer operation, load sharing and base loading. It will be possible to use the Facility load as a base load for annual load testing of the generators.
- (C) The generator plant will be designed to minimize noise emissions. Provide high grade exhaust mufflers and other sound attenuation means, as necessary, to achieve a maximum sound level of 50 dBA measured at 7 m from the generator room in any horizontal plane.

- (D) Provide a generator exhaust system to discharge exhaust fumes in a manner that does not create an objectionable odour or noise issue to the Facility or neighbouring properties.
- (E) Provide a fuel system capable of supplying the maximum capacity of the emergency power plant at 100% load (including spare capacity) for a minimum of 72 hours.
- (F) Provide a dedicated load bank connection point for each generator which does not require the disconnection of existing cabling. The circuit breaker will automatically shunt trip the load bank upon loss of utility power to the Facility. Size the connection point for 100% of the capacity of the generator. This point shall be configured as that it can be used for a temporary generator. Provide isolation for the installed generator.
- (G) The essential electrical systems will include tie breakers from the main conditional distribution to each of the main vital and delayed vital distributions. Conditional power will be derived at 600V by means of an automatic transfer switch connected between the generator bus and normal power distributions.
- (H) For redundancy, the conditional power distribution throughout the Facility will include tie-breakers and be sized to provide power simultaneously to both the conditional load plus the larger of the vital or delayed vital loads in that locality.
- (I) Implement redundancy such that if an automatic transfer switch system fails, there is a manual means to restore power to the essential loads in the Facility. All transfer switches will have double sided bypass capability. Transfer switch mechanism will be capable of being withdrawn for servicing while the switch is in bypass mode.
- (J) Transfer switches will be contactor or power circuit breaker type and will be listed to UL1066 (30 cycle withstand rating at maximum available short circuit current) and will not require upstream circuit breakers for protection of the transfer switch.
- (K) Essential power branches will serve essential loads as defined by CSA Z32-09 and as required to meet the Clinical Specifications, including the following:
 - (i) Vital branch loads:
 - 1) Path of egress lighting.
 - 2) Exit signs.
 - 3) Stair and ramp lights.
 - 4) Receptacles and lights in service rooms.
 - 5) Medical gas alarm panels.
 - 6) Elevator cab and machine room lighting.
 - 7) Fire alarm and medical gas alarm systems.

- 8) Telecommunications systems.
 - 9) Public address systems.
 - 10) 50% of receptacles and lights in all patient care rooms.
 - 11) 50% of lights and outlets in care team stations.
 - 12) Nurse call system power supplies.
 - 13) Medical vacuum pumping systems.
 - 14) 50% of receptacles and lights in laboratories.
 - 15) Pharmacy dispensing areas.
 - 16) Equipment indicated on Equipment List.
 - 17) Emergency Department, 75% vital.
 - 18) ICU Department, 75% vital.
 - 19) Lab analyzers.
 - 20) Operating rooms and trauma rooms.
 - 21) Security systems.
 - 22) Medical fridges.
 - 23) Smoke fans.
 - 24) Nurse call systems.
 - 25) Patient wandering.
 - 26) Infant protection systems.
 - 27) Paging systems.
 - 28) Telemetry systems.
- (ii) Delayed vital branch loads:
- 1) Ventilation systems serving patient care rooms.
 - 2) Sump pumps and sewage ejector pumps.
 - 3) Medical air pumping systems.
 - 4) Fire pump and jockey pump if provided. (via integral transfer switch).
 - 5) Fume hoods.
 - 6) Essential heating, ventilation and plumbing systems.
 - 7) Radiology, ultrasound and CT scan equipment as per Equipment List and Clinical Specifications.

- 8) Alarmed freezers and refrigerators.
 - 9) Pneumatic tube system
 - 10) Automated dispensing cabinets for medication
 - 11) Food services freezers and refrigerators
 - 12) Retail services freezers and refrigerators.
- (iii) Conditional branch loads:
- 1) Per CSA Z32-09 Table 7.
 - 2) Food service equipment required to maintain food service during utility power outages.
 - 3) As required by other provisions of this Agreement.
- (L) The BMS will monitor and record emergency loads.
- (M) All elevators within the Facility will operate on emergency power.
- (f) Uninterruptible Power Supply (UPS) Systems
- (1) Basic Requirements
 - (A) Provide UPS power for all areas, equipment, and systems that require a continuous and uninterrupted source of power as per the requirements of this Schedule, Appendix 3A [Clinical Specifications], Appendix 2D [Equipment and Furniture], and for the following additional rooms, equipment and systems:
 - (i) Operating Rooms: Lighting and receptacles (receptacles for housekeeping and power tools are not included);
 - (ii) Care Hubs, Care Team, Collaboration Centres: Select lighting and receptacles;
 - (iii) switchboard;
 - (iv) Generator Room: Select lighting and receptacles;
 - (v) all equipment and systems located in Telecommunications Rooms including Equipment Racks as defined in 7.7.(g).(1).(K);
 - (vi) network equipment for the wired and wireless networks;
 - (vii) wireless access points;
 - (viii) wireless communications system;
 - (ix) nurse call system;
 - (x) public address system;

- (xi) RTLS system;
 - (xii) CCTV system;
 - (xiii) radio system;
 - (xiv) infant abduction system;
 - (xv) patient tracking / wandering system;
 - (xvi) equipment and asset tracking system;
 - (xvii) fire alarm system;
 - (xviii) physiological monitoring system;
 - (xix) staff communication system;
 - (xx) building management system (BMS);
 - (xxi) fixed panic system;
 - (xxii) access control systems;
 - (xxiii) intrusion detection system; and
 - (xxiv) emergency power plant control system.
- (B) Provide two centralized UPS systems, each with a static switch and a wrap-around bypass, within the main electrical room or other suitable space.
- (C) Do not provide small distributed, standalone UPS systems. All equipment shall be supplied from the centralized UPS systems.
- (D) Provide a UPS power sub-distribution system throughout the Facility. At a minimum provide one 42 circuit, 100 A, 120/208V UPS panelboard on each floor of the Facility. Provide additional panelboards as required to meet the requirements within this Section.
- (E) Provide an additional UPS system dedicated to the Operating Rooms, ICU beds and Emergency Department Trauma Rooms. The UPS will have a dedicated minimum capacity of 50kVA for the Operating Rooms and 20kVA for the ICU and Trauma Rooms. This UPS will be capable of running on batteries at full load for a minimum of 30 minutes. Coordinate with the Authority to determine which equipment is to be supplied with UPS power.
- (F) Provide this UPS to meet the requirements of Section 7.6(f)(2). Locate this UPS within the same fire compartment and within 25m of the OR suite.
- (2) Performance Criteria
- (A) The UPS system will be certified as suitable for post-disaster facility.

- (B) Connect UPS units to vital power.
 - (C) Each UPS system will have:
 - (i) external maintenance bypass switch for servicing; and
 - (ii) fully rated internal static bypass switch to bypass UPS in the event of UPS failure.
 - (D) Provide adequate batteries rated for a minimum of 15 minutes at full UPS capacity.
 - (E) Provide an audible warning in the OR Care Team Station, protection services, and switchboard to indicate that the UPS battery supply has less than ten minutes of power remaining. Provide adequate labelling.
 - (F) Provide monitoring of all alarm and trouble conditions of the UPS systems by the BMS.
 - (G) The UPS will be capable of providing adequate fault clearing current for a 100A circuit breaker without operation of the static bypass switch.
 - (H) The UPS utilization voltage will be 120V, however the UPS system may operate at 208V, 480V or 600V.
- (g) Distribution Equipment – 600 Volts and Below
- (1) Basic Requirements
 - (A) Provide electrical power transmission and distribution from the main sources of supply to meet all requirements of the Facility and the Clinical Specifications. Provide electrical equipment to establish a Facility distribution voltage of 600V.
 - (B) Provide one normal power main service transformers. Size the main transformers and distribution system such the transformer is capable of carrying the entire Facility load plus 50% spare capacity
 - (C) Provide rackable power circuit breakers for all circuit breakers upstream of the transfer switches. Provide portable motorized operators for these circuit breakers to reduce the arc flash exposure hazard.
 - (2) Performance Criteria
 - (A) Protect the main electrical room from ground water infiltration and separate it from plumbing and mechanical equipment. Provide raised housekeeping pads, drainage and sump pumps (on vital power) as required in electrical service areas to mitigate the risk of flooding. Design the electrical room to be readily accessible, secure, well ventilated and free of corrosive or explosive fumes, gases or any flammable material. Establish routes clear of obstruction to and from the electrical room which facilitate the addition and removal of the largest current and future components located within the room.

- (B) Locate major electrical equipment to minimize run length of feeders and branch circuits, and locate within the Facility so as to provide a clean, dry, safe, accessible installation protected from unauthorized access.
- (C) Locate and design electrical equipment for ease of maintenance and with due regard for future expansion and renovation.
- (D) Provide all circuit breakers 150A and larger with electronic trips and LSI field adjustable settings.
- (E) Provide a ground fault protection scheme such that ground faults are selective between the transformer and generator main circuit breakers and the downstream breakers sized 200A and larger.
- (F) Install 120/208V dry type transformers for small equipment loads in electrical rooms on concrete pads or suspend from structure. Install transformers so that removal can be facilitated without removal of any other equipment or conduit serving the room, except for luminaires.
- (G) All transformers will have copper windings and be rated minimum K-13. Provide areas with significant non-linear loads with transformers with a higher K-rating.
- (H) Rate all distribution devices to handle available fault duty at line terminals. Perform a computer generated fault study to ensure that all devices are properly rated. All circuit breakers 150A and larger will be fully selective.
- (I) Design and install protection equipment so that the initial electrical installation, future additions and modifications will be fully coordinated to isolate only the faulty portion of the system.
- (J) Select, configure, locate and install all components of transmission and distribution systems to minimize the transmission of noise, vibration or unwanted heat into other parts of the Facility.
- (K) Provide a networked digital metering system to monitor and record electrical loads and quality of power in the Facility. Provide, as a minimum, one for the main switchboard, the generator distribution panel, and one for each transfer switch. These meters shall provide maximum demand ratings.
- (L) Provide power factor correction equipment within the Facility to ensure the Facility's power factor does not fall below the threshold established for electrical utility surcharge. Coordinate capacitors with adjustable frequency drives and other harmonic generating equipment to avoid resonance conditions.
- (M) Provide dedicated transformation equipment for diagnostic imaging equipment as required by the imaging equipment vendors.
- (N) Provide circuit breaker type panelboards fully rated to handle calculated fault current level. Series rating of breakers and panelboards is not acceptable.

- (O) Construct flush mounted panelboards with two spare 53 mm conduits stubbed into an accessible location above the panel. Do not feed panelboard from below. All feeders must be routed down from the ceiling for top entry into the panelboard.
 - (P) Provide electronic grade panelboards to serve electronic equipment susceptible to electrical transients.
 - (Q) Install panelboards on the same floor as the loads they serve. Per CSA Z8000-11, all panelboards will be located in electrical service rooms.
 - (R) Do not daisy-chain the feeders to panelboard. All panelboard feeders must be dedicated.
 - (S) Components of the electrical distribution systems in any public, clinical, administrative or staff area will have long life expectancy without perceptible deterioration and a good appearance. Design and install so as to permit easy and complete cleaning.
 - (T) Provide individual enclosed motor starters for individual motors.
 - (U) Utilize motor control centers for groups of four or more motors that require individual motor starters.
 - (V) Motor starters will be combination of magnetic MCP (Motor Circuit Protector) type with integral control power transformers, Hand/Off/Auto (HOA) or Start/Stop control and at least two auxiliary contacts in addition to seal-in contacts. Provide "power on" and "running" LED type indicators on each motor starter.
 - (W) Provide combination starters for all motors 1/2 HP and larger that are not already controlled by adjustable frequency drive or include an integral control package. All motors of 1/2 HP or more will be 600 volt 3 phase.
 - (X) Provide voltage transient / surge protection for the main 600V and 120/208V switchgear loads and all other panels serving sensitive electrical loads including diagnostic equipment, lab equipment and adjustable frequency drives.
 - (Y) Locations of receptacles will comply with the requirements for each program area as described in the Clinical Specifications.
- (h) Metering
- (1) Basic Requirements
 - (A) Supply networked digital metering to provide detailed information about power quality and power consumption including peak demand at key points throughout the Facility. Key points include: automatic transfer switches, motor control centres, panelboards feeding mechanical equipment and power consumed by elevators and dedicated plug-load panelboards. Integrate information from all meters on a common Software platform residing on a dedicated electrical metering Server.

- (B) In addition to the above, provide metering as necessary to support the energy calculations required by Appendix 2C [Energy and Carbon Emissions].
 - (C) Integrate this metering to the site metering system and provide custom energy consumption reports as required by the Authority.
 - (D) Implement a networked metering system with terminals for maintenance and plant administration, and data transfer to the BMS.
 - (E) Connect electrical demand and consumption meters to the BMS.
 - (F) Design the digital metering system to be accessible from any Authority networked computer using appropriate Software.
 - (G) Provide to the Authority five Software licenses to enable access to the Facility metering system from remote Authority sites. These licenses will enable the Authority to access real time data, peak demand data, and to produce custom reports on energy consumption at the Facility.
 - (H) Provide monthly reports which summarize total electrical energy consumed by the regulated and non-regulated loads.
 - (I) Include trend logging equipment sensors to comply with and fulfill energy measurement and verification requirements. Logged information will not be overwritten and will be archived.
 - (J) Metering intervals will be 15 minutes or less.
 - (K) All metering information and records will be accessible to Authority personnel upon request.
- (2) Performance Criteria
- (A) Include metering displays at all distribution switchboards.
 - (B) Design the metering system network to store historical data and with the capability to generate user configurable electronic and printed reports on demand.
 - (C) Support the metering system by a backup power source(s), which ensures operation when the metered circuit is de-energized. The metering system will not be dependent on power from the metered circuit for its operation.
 - (D) The metering system will, at a minimum, provide the following information about each metered circuit: Phase-to-Phase Voltage (all phases), Line-to-Neutral Voltage (all phases), Phase Current (all phases and neutral), KW, KVA, Power Factor, KWH, VAR hours, maximum kW demand and maximum kVA demand.
 - (E) Utilize power quality type meters for monitoring harmonics and surges / sags. Provide power quality meters capable of monitoring harmonics on the normal, vital, delayed vital, conditional and UPS switchboards.

- (i) Grounding and Bonding
 - (1) Basic Requirements
 - (A) Provide grounding and bonding for all electrical equipment and systems in the Facility for the safety of people and for protection against damage to equipment or property in the case of a fault occurring in any of the equipment or systems. Install grounding and bonding as required by all applicable standards.
 - (B) Provide supplementary grounding per CSA Z32 in areas identified by the Authority as patient care areas.
 - (2) Performance Criteria
 - (A) Utilize non-alloyed copper for all conductors and all conducting components of electrical equipment which form part of the grounding and bonding systems in the Facility.
 - (B) Provide solid system grounding including conductors and bussing. Provide complete new main system ground to ensure suitability and longevity.
 - (C) Provide a minimum #12 copper bonding conductor in each and every conduit or raceway. Provide a #6 copper bonding conductor on each communications tray and ensure each section of the tray is securely bonded.
 - (D) Provide equipotential grounding systems and equipment for all patient care areas. Provide a #6 AWG copper bond from the panelboard to each room reference ground bus RRGB in each patient care area. RRGB will be located in a flush mounted enclosure, installed below the ceiling on the left hand side of the door upon entering the room. All branch circuits serving the patient care area will be routed through the RRGB enclosure. Provide a stainless steel cover over the enclosure with an identification label on it.
 - (E) Bond all exposed non-current carrying components of communication, radio or television equipment in patient care areas to ground using a properly sized equipment bonding conductor. Uniquely identify each bonding conductor at each end.
 - (F) Provide lightning protection. Complete a lightning protection study for the Facility to determine extent and means of lightning protection, with such study performed by a specialist in lightning protection work and signed and sealed by a professional engineer registered in the Northwest Territories and Nunavut.
- (j) Seismic Requirements for Electrical Systems
 - (1) Basic Requirements
 - (A) Provide seismic restraint for all electrical equipment and components of electrical systems. Design the electrical systems and its associated equipment to comply with the NBC for a post-disaster facility.

- (B) Provide seismic restraint systems and methods that facilitate ease of maintenance and ease of replacement and reconfiguration of electrical equipment and systems and other equipment and building components.
 - (C) Provide seismic restraint systems and methods that coordinate with the Facility's architecture and finishes. Wherever practicable, conceal components of seismic restraints from public view. Where concealment is not practicable, provide systems that complement the Facility's architecture and finishes.
- (2) Performance Criteria
- (A) Provide seismic support for all electrical equipment and components of electrical systems that have the potential to cause injury or damage during or following a seismic event.
 - (B) Use seismic restraint systems that are designed by a professional engineer, or, where an identified pre-designed standard restraint device or system exists for a particular item, that equipment may be used provided that written confirmation of its acceptability for the installation is provided by a professional engineer. Provide signed and sealed drawings as well as typewritten field reports from a professional seismic engineer. Obtain certification of the main electrical distribution equipment for "seismic withstand capability" and, to maintain the certification, anchor such equipment according to the manufacturer's instructions.
- (k) Power Quality
- (1) Basic Requirements
- (A) Establish and maintain an overall power quality which assures suitable conditions for operation of all electrical and electronic equipment throughout the Facility.
 - (B) Provide equipment and systems which assure that electrical equipment and systems will not be harmed or impaired either by external events or conditions, such as lightning and disturbances on the utility service, or by internal events or conditions generated within the Facility.
 - (C) Meet or exceed relevant standards for power quality where deemed necessary by the Authority and IEEE.
 - (D) Provide harmonic mitigation equipment, as necessary, to ensure that power quality meets or exceeds recommendations in IEEE, including standard 519. For the purposes of measuring the harmonic distortion, the "Point of Common Coupling" will be the incoming service from the utility transformer(s). As part of commissioning, confirm compliance to tables 10-2 and 10-3 of IEEE 519 by field measurements after Facility occupancy and under normal operating conditions.
 - (E) Provide individual harmonic filters ahead of and coordinated with variable speed drive for every motor greater than 7.5 HP.

(2) Performance Criteria

- (A) Provide equipment, such as filters, TVSS (Transient Voltage Surge Suppressor), etc, specifically designed to control and remove all adverse power quality conditions that could damage or impair function of sensitive electronic equipment used in the Facility. Adverse power quality conditions include voltage spikes, dips and droops, transients, harmonics, power factor and radio frequency interference.
- (B) Provide the ability to demonstrate to the Authority at any time that there are no potentially harmful power conditions present and that equipment intended to guard against such conditions is in proper working order.

(I) Lighting

(1) Basic Requirements

- (A) The lighting installed will meet the requirements of the Clinical Specifications.
- (B) Lighting systems will accommodate the needs of Facility staff, patients and visitors, and will support the visual tasks being performed and the desired appearance of the space.
- (C) Provide complete lighting solutions which align with the requirements and recommendations of Section 4 of IESNA-RP29-06. Illuminance levels and design criteria will be consistent with IESNA RP-29-06 Tables 3A and 3B.
- (D) Provide lighting controls with flexibility to adjust lighting to suit functions and activities and permit simple and Integrated control of lighting. Design controls to be easily operated and conveniently and appropriately located for each area and function. Include web-based programmable low voltage system to facilitate user program scheduling.
- (E) Lighting controls will comprise a significant part both of the energy management of the Facility and of the flexibility required to adjust lighting to suit functions and activities.
- (F) Provide luminaires which are easily maintainable (accessible components, quick change capability).
- (G) In patient treatment areas, related patient care support spaces, and anywhere the Authority would use chemical cleaning for infection control purposes, provide luminaires which minimize accumulation of dust and debris and which support the Authority's infection control policies and procedures. Provide and locate luminaires such that they are easily cleaned and of suitable construction to withstand chemical cleaning. The Authority's policies related to infection control will not apply to luminaries in administrative areas, non-patient care support spaces (stores, technical/service spaces, lobbies, cafeterias, stairwells etc.), public spaces, non-sterile corridors, and the Facility exterior.

- (H) An electrically powered "Laser In Use" sign will be located outside any room in which fixed laser equipment is anticipated to be used. The sign will be connected to an internally illuminated switch inside the room labeled "Laser". The switch will be interlocked with the laser equipment such that the equipment will not operate with the switch in the "off" position. Internal illumination of the switch will be on only when the "Laser in Use" sign is illuminated.
 - (I) An electrically powered "X-Ray In Use" sign will be located outside any room in which fixed x-ray equipment is anticipated to be used. The sign will be connected to an internally illuminated switch inside the room labeled "X-Ray". The switch will be interlocked with the x-ray equipment such that the equipment will not operate with the switch in the "off" position. Internal illumination of the switch will be on only when the "X-Ray In Use" sign is illuminated.
- (2) Performance Criteria
- (A) Provide luminaires that require minimal cleaning and permit practical and easy access and disassembly. All lighting components will be hospital grade.
 - (B) The use of LED lighting is encouraged. Use LED lighting for all exterior lighting, difficult to access interior lighting and dimmable lighting in boardrooms or for accent. Where LED is not used, utilize fluorescent lighting. The use of compact fluorescent lighting for decorative purposes will be kept to a minimum. Use high efficiency electronic fluorescent linear T8 and T5 lamps when possible. Do not use incandescent lighting unless otherwise indicated in this Schedule.
 - (C) Utilize premium grade quality luminaires with emphasis on energy efficiency (69 lumens/watt minimum) and high color rendition (.85 color rendering index minimum for fluorescent fixtures and .85 for metal halide lamps). Where achieving the energy efficiency specified in this Section is not feasible due to functional constraints imposed by the task being performed by the luminaire, the luminaire will be exempt from the energy efficiency requirement. Examples of luminaires that are exempt from the energy efficiency requirement include:
 - (i) wall sconces (used for night-time illumination);
 - (ii) medical procedure luminaires;
 - (iii) vandal resistant luminaires; and
 - (iv) task lighting.
 - (D) Lamps will have a colour temperature of 4100K. Provide high CRI/CCT (5000K) for telehealth applications.
 - (E) All exterior lighting will have a colour temperature of 4100K.
 - (F) Exterior lighting including street lighting, pathway, Facility perimeter and parkade will be low glare LED type with full cut off photometrics.

- (G) Utilize program start electronic ballasts for fluorescent lamps with a THD no greater than 10% and no more than 8% for third harmonic. Power factor will be .98 or greater and efficiency will be 90% or higher. Ballasts will be supplied by an established vendor with minimum 10 years history of serving the healthcare sector in North America, and manufactured in a Facility certified to ISO9002.
- (H) Minimize use of battery-operated unit emergency lighting. Battery-operated emergency lighting may be an acceptable alternative as a second level of emergency lighting in areas including inpatient areas, emergency power distribution rooms, and mechanical areas.
- (I) Connect lighting in critical care rooms to the UPS system.
- (J) Utilize low glare, recessed indirect LED or fluorescent luminaries
- (K) Specifically design to eliminate indirect glare in treatment rooms, offices, reception areas, care team stations and other areas where computer terminals and similar screens are available.
- (L) Design lighting in corridors to limit glare to patients being transported on stretchers.
- (M) Provide recessed, adjustable overbed patient exam lights, with a remote or a wand, located in the ceiling at the foot of the bed with the light direction toward the head of the bed. For a representative example, refer to <http://www.healthcare-lighting.com/assets/brochures/2012-cut-sheets/ceiling/ldr-led.pdf>. Refer to the Clinical Specifications for the required locations of such recessed, adjustable overbed patient exam lights.
- (N) Provide separate lighting control for each of the following areas within each patient room:
 - (i) entry (locate control at entry);
 - (ii) handwash sink (locate control at handwash sink);
 - (iii) recessed overbed patient exam lights and recessed adjustable patient exam lights (locate control at headwall);
 - (iv) patient reading light (locate control at headwall and via nurse call);
 - (v) patient area (locate 3-way lighting control at entry/headwall);
 - (vi) family area (locate 3-way lighting control at entry/family zone);
 - (vii) washroom (locate control at washroom); and
 - (viii) night lights (locate one switch at entry).
- (O) Provide two nightlights in patient rooms, one above toilet and the other along the walkway between the patient bed and washroom.

- (P) Design lighting in technology conference rooms and video conferencing facilities to maximize viewing of monitors and screens and provide suitable illumination of people being viewed.
- (Q) Provide special task lighting designed for the types of procedures conducted for rooms and areas where treatment is provided and rooms and areas where specialized analytical or diagnostic work is carried out.
- (R) Provide dimmable lighting in Medical Imaging Rooms and Radiology Reading Rooms.
- (S) Provide ceiling mounted articulated lighting with dimmable controls in all procedure, exam and treatment rooms. Confirm lighting requirements with the Authority.
- (T) Provide ceiling mounted double headed articulated surgical lighting with Integrated controls in the surgical suite and autopsy suite. Confirm lighting requirements with the Authority.
- (U) As architectural features, design lighting in main lobbies, waiting areas and the main entrance with high quality products aesthetically pleasing to the public and staff. Approval is required from the Authority.
- (V) Utilize vandal resistant and dark sky compliant exterior luminaires.
- (W) Utilize LED type exit signs.
- (X) Utilize lighting controls that comprise of a networked low voltage relay switching system with programmed on / off operation and local manual override capabilities for corridor lighting levels. Provide local control from care team stations and reception desks where applicable.
- (Y) Protect lighting controls from unauthorized operation when required to be located in areas accessible to the public.
- (Z) Design all lighting in public and administration areas to be capable of being switched from a central location.
- (AA) In open areas and common areas, zone and subdivide lighting to permit energy management and appropriate control and variation of light levels.
- (BB) Provide local lighting control for each treatment room. Each room will have 2 or more levels of illumination in addition to the off position unless specified otherwise. Lighting will support the clinical functions being performed.
- (CC) Integrate controls in technology conference rooms, videoconference rooms and meeting rooms with equipment controls and control stations in the room so as to permit the conference manager to vary the lighting as required for different activities. Provide a minimum of 2 levels of lighting control. If it is proposed that existing equipment is reused and cannot be integrated, contact the Authority to discuss options.

- (DD) Provide manually operated lighting controls, where required, of a type which can be completely cleaned and disinfected without requiring any disassembly, and which will not deteriorate or be otherwise adversely affected by frequent cleaning and disinfection.
 - (EE) Install specifically rated lighting controls for the application/condition in locations where they may be subjected to excessive moisture or to chemicals that might cause deterioration.
 - (FF) Utilize occupancy sensors and daylight control systems to maintain light levels at appropriate levels based upon the occupancy of the room and the quantity of daylight. This will include dual technology occupancy sensors in offices, meeting rooms, restrooms, support spaces, and storage rooms and daylight control systems at perimeter rooms where daylight contribution is significant. Occupancy sensors will have manual override capability to enable full control by occupant.
 - (GG) Provide a time clock, photocell and contactors with HOA switch for control of Site lighting. Submit a control plan to the Authority for approval.
 - (HH) Interface the lighting control system with the BMS (read only) for the purpose of implementing energy management schemes.
- (m) Mechanical Equipment Connections
- (1) Basic Requirements
 - (A) Provide electrical power control and monitoring connections to all mechanical equipment as required for proper operation, protection and maintenance of the equipment. Materials and installation methods will result in safe, reliable and serviceable mechanical equipment and systems in the Facility.
 - (2) Performance Criteria
 - (A) Utilize institutional or industrial quality cables, connectors, conduit systems, fittings and hardware used to make connection to mechanical equipment so as to provide for high levels of reliability, durability and ease of maintenance of the equipment.
 - (B) Design connections made to motors and/or motor driven equipment or equipment with noticeable levels of vibration to accommodate the vibration.
 - (C) Design connections to mechanical equipment to easily permit removal and replacement of the equipment.
 - (D) Size motor control centres, main feeders to motor control centres, and mechanical distribution centres to accommodate the current mechanical equipment with an additional 50% spare capacity.
 - (E) Utilize motor control centres when four 3-phase motors that require a starter are located within 50 m of each other.

(n) Specialty Systems

(1) Basic Requirements

(A) Special electrical and communications systems are required in the Facility (as described in this Schedule) and form essential parts of the Facility. Provide power supply, specially conditioned power and communication conduits and other electrical operational support equipment to meet all requirements of these special electrical and electronic systems.

(2) Performance Criteria

(A) Utilize institutional or industrial quality cables, connectors, conduit systems, fittings and hardware to make connection to special equipment and to provide for high levels of reliability, durability and ease of maintenance of the equipment.

(B) Provide connections to special equipment that easily permit removal and replacement of the equipment.

(o) Clock System

(1) Basic Requirements

(A) Provide a synchronized clock system to assure accurate consistent time is available at key control and clinical spaces in the Facility.

(B) Supply master time controllers and all clocks by a recognized industry leader with all components by the same manufacturer.

(2) Performance Criteria

(A) Provide digital clocks (similar to existing) that can be synchronized and that will receive correction signals from the master clock. Provide UPS power to these clocks.

(B) Locate synchronized digital clocks in areas including:

(i) each patient care area including treatment rooms, patient rooms, care stations, patient therapy rooms, interview/consult rooms, medication rooms, locker rooms, imaging rooms and corridors;

(ii) conference rooms, meeting rooms, care team stations, staff lounges, family rooms, reception desks and staff work rooms; and

(iii) operating rooms, trauma rooms and procedure rooms.

(C) Digital clocks will display numerical values for hours, minutes and seconds, and will have the capability of displaying 12 or 24 hour time format. Displays will be highly visible and legible from a minimum 10 metres away.

- (D) Provide local satellite transmitters to provide signals to all clocks in the Facility where required.
- (p) Fire Alarm System
- (1) Basic Requirements
 - (A) Provide a fire alarm system for the Facility and ensure that that system meets or exceeds the requirements in this Section. If the Existing Hospital remains as part of the Facility, reuse as much as possible of the existing fire alarm system and expand this existing system into the new addition.
 - (B) Fire alarm system must be of a type that failed devices can be rapidly replaced and programmed by Facility operations and not require on-site presence of a manufacturer's representative.
 - (C) Provide a complete two-stage, supervised, 24 VDC fire detection and alarm system that includes addressable, intelligent, automatic and manual initiation devices and audio/visual alarm devices with voice evacuation capabilities. Alarm activation will be initiated by manual pull stations, smoke / heat detection, and fire sprinkler water flow devices. Alarm indication will consist of visual and combination visual/audible devices.
 - (2) Performance Criteria
 - (A) Install all fire alarm wiring in conduit. Provide fire rated cable where required by the NBC.
 - (B) Provide addressable smoke detectors as required, self-correcting type to maintain consistent sensitivity.
 - (C) All Facility addressable fire alarm devices, fire alarms and fire troubles will be incorporated on the Authority's network computers. Ensure that the Facility's fire alarm panel devices and internal trouble condition details print out on the Authority's network printers.
 - (D) Provide two-stage manual pull stations at all exit doors and entrances to exit stairs as required.
 - (E) Provide visual notification devices at all corridors, public spaces, staff and patient and toilets and common use spaces.
 - (F) Provide fire alarm speakers throughout the Facility as required. Speaker system will be available to announce alarm conditions and for use as emergency public address announcements.

Provide a telephone Interface to the fire alarm voice paging system from the main switchboard. Pre-programmed messages will be transmitted over the public address system to annunciate origin of alarm. Any program sources on the public address system will be muted while alarm messages are transmitted.

- (G) Use combination audible alarm and visual notification devices where applicable.
- (H) Include control devices and connection to close fire and smoke doors on activation of alarm condition.
- (I) Incorporate smoke control systems with control fans and dampers.
- (J) Provide a class A addressable loop for all detection circuits.
- (K) Provide isolation modules at each penetration of a fire wall within the fire alarm zone.
- (L) Fully Integrate the fire alarm system with the sprinkler system, BMS, HVAC system, elevator controls, access control system, nurse call, emergency generator plant, and public address systems.
- (M) The fire alarm system will Integrate with the radio system to automatically broadcast voice messages to all protection services radios. The voice message will relay the specific alarm message produced by the addressable fire alarm system. Provide all middleware and converters required to Interface the radio system with the fire alarm system.
- (N) Provide an active graphic annunciator to match the existing, complete with LCD display at the main reception area for the Facility, as required and approved by the local fire department.
- (O) Provide LED type indicators for remote indication that a heat and/or smoke detector has been activated in a lockable room (located outside room adjacent to door), in an elevator shaft (located at elevator lobby ceiling) or duct sensors that are not readily visible (located on ceiling or at visible location nearest to sensor installation).
- (P) In consultation with the Authority, provide remote annunciators at key locations throughout the Facility. At a minimum, these will include maintenance workshops, boiler house and security offices. This information shall also be displayed at the nursing stations on a small LCD display to match existing.
- (Q) Provide a central monitoring system located at the Facility security centre. This computer workstation will display a graphical representation of the Facility and will indicate the general origin of the fire alarm, trouble, supervisory condition or system event. Supplemental 'drill-down' detailed maps of each building and fire compartment will allow staff to identify the exact location.
- (R) Provide a fireman's handset from the fire alarm system to a location of the Authority's choosing, such that the fire alarm voice paging system is capable of performing as a redundant public address system.
- (S) Coordinate with the Authority to establish a secure backup of the fire alarm system event log.

- (T) Provide a fully functional supervisory fire alarm computer workstation in maintenance department.
 - (U) Provide a printer with each fire alarm workstation to generate a hard copy of the system's event log.
 - (V) Provide gel electrolyte type batteries with overcharge protection for FACP and all transponders. Provide solid state battery charger(s) with capacity to recharge entire battery system in 4 hours. Batteries will have enough capacity (with 25 percent spare time) to operate entire system (except magnetic door holders) in accordance with the NBC.
 - (W) Include transmission of alarm signal to remote emergency response centre approved by the Authority.
- (3) ICT Categorization
 - (A) Software and Server – ICT Category A
 - (B) Infrastructure – ICT Category A
 - (C) Interface – ICT Category A
 - (4) Interface Requirements
 - (A) Public Address System, Elevators, Building Management System, Nurse Call System, Staff Communication System, Intercommunication System, Access Controls, Telephone Equipment, Radio System, CCTV
 - (5) Systems Operation – Operating Period
 - (A) End User Administration – Project Co
 - (B) Systems Lifecycle – 25 years

7.7 **Communications (Division 27)**

- (a) Principles, Guidelines and Assumptions
 - (1) New Project Co Servers will be located within the new Main Communications Room (MCR). Any Authority supplied Server equipment will be located within the Authority's Existing Data Centre.
 - (2) The management of all the Authority's employees' and patients' information is the responsibility of the Authority.
 - (3) Except as expressly stated otherwise Project Co will be responsible for designing and constructing all required Infrastructure, Servers and Software required to support the communication systems to be included within the Facility.

- (4) The City of Yellowknife currently has radio equipment located in the Existing Hospital penthouse, and antennas/dishes on the penthouse roof, which they use for fire, ambulance and bylaw services. This equipment is currently being upgraded, with new equipment replacing old, and this work will be complete prior to start of new Construction for the Facility. If Project Co's Design modifies the Facility to a height that will impede communication paths from this existing equipment, including microwave transmissions between the Existing Hospital and the Yellowknife airport and between the Existing Hospital and the Yellowknife city hall, as well as UHF radio transmissions from the Existing Hospital to surrounding emergency response teams and vehicles, then Project Co. will coordinate with the City of Yellowknife and RCMP to provide a new tower location on the highest point of the Facility. This new tower may be combined with the Emergency Operations Centre tower, as noted in Sections 5.3(i) and 5.3(j) of this Schedule, to provide a single tower adequately designed to support both the Emergency Operations Centre and City of Yellowknife/RCMP communications.

(b) Basic Requirements

- (1) The communications systems in the Facility will be an extension of the Authority's communications systems, and must meet all of the Authority's standards at the time of procurement. Project Co will ensure that all new technology, systems, and equipment are fully compatible and seamlessly Interfaced with the existing systems and equipment used at the Authority.
- (2) All applications used in the Facility for clinical purposes will be provided by the Authority.
- (3) The communications systems will be proven technology for use in facilities similar to the Facility.
- (4) All communications systems Infrastructure and equipment provided by Project Co and not covered by existing Authority standards will be the latest proven version of the equipment at the time of procurement.
- (5) Communication systems utilized in the Facility consist of multiple tiers of technical Infrastructure and services applied in support of both clinical and non-clinical Authority services.

(c) ICT Systems and Equipment Categorization and Responsibilities

- (1) This Schedule sets out requirements for information technology and information management systems on a system by system basis. For each system, Construction Period and Operating Period responsibilities for Software and Server, Infrastructure and Interface with Authority systems are set out by category. The following definitions are used:
 - (A) **"End User Administration"** means the day to day end-user configuration required to effectively use an application, including set up of end-user devices, but does not limit the obligations of the party responsible for Software and Server Installation, Interfacing, Commissioning, Maintenance, Renewal or Replacement.
 - (B) **"Infrastructure"** means everything required to support an ICT System except for the required Software and Server(s);

- (C) **“Integrate”, “Integrated” and “Integration”** mean the combining of Software or hardware components or both into an overall system that must be able to physically connect via a standards based Interface to Authority systems if required to pass information, status, or extend system functionality.
 - (D) **“Interface”** means the physical Infrastructure, system components, Software application development, configuration, messaging standards, commissioning and testing necessary to perform data interchange between separate systems. Interfacing of systems will be provided to achieve the Integration of systems which supports the overall clinical, operational and technical functional requirements. For each ICT system required for the Facility, this Schedule sets out a non-exhaustive list of other systems with which the system must Interface with in order to achieve the technical, performance and functional requirements specified within this Schedule for the purposes of integrating into a complete system.
 - (E) **“Server”**: a Server is a computer that provides hosting services for one or more applications including also acting as a data repository. Servers typically have additional processing capacity, memory, and data storage availability than basic or home computers. These requests between clients and Servers are usually transported via standard TCP/IP network connectivity. Examples of Server roles within the Authority include: authentication Servers, application hosting, data repository Servers, web Servers, utility Servers, Facility operation and life safety Servers.
 - (F) **“Service Level”** means the Service Level requirements as defined by the Authority;
 - (G) **“Software”**: also known as applications, Software’s role is to execute computer based instructions resulting in defined outputs supporting the Authority’s end user’s business and clinical workflow requirements, including building control and life safety systems. Software is grouped into two general categories: application based Software and operating system Software (including operating and related utilities).
 - (H) **“System Lifecycle”** means the time periods from Facility completion following which Project Co is required to renew or replace the applicable ICT System and Equipment as set out in this Schedule and its Appendices.
- (2) A summary of responsibilities for **“ICT Systems and Equipment”**, including categorization of responsibility for Server (and all hardware) and Software, Infrastructure and Interface, and including Operating Period is included in Appendix 3D [Information Systems Responsibility Summary].
 - (3) Project Co will be responsible for integrating all ICT Systems and Equipment in accordance with Good Industry Practice with the overall Design of the Facility and will include such ICT Systems and Equipment as part of the Design development process.

- (4) Responsibilities for ICT Categories A, B, C, D and E are as follows:
- (A) **“Category A ICT Equipment”**
 - (i) Project Co will be responsible for Procurement, Delivery, Storage, Setup, Installation, Commissioning, Maintenance, Renewal and Replacement;
 - (B) **“Category B ICT Equipment”**
 - (i) Project Co will be responsible for Procurement, Delivery, Storage, Setup, Installation, Commissioning and Maintenance; and
 - (ii) the Authority will be responsible for Renewal and Replacement;
 - (C) **“Category C ICT Equipment”**
 - (i) the Authority will be responsible for Procurement, Delivery, Storage, Setup, Installation, Commissioning, Maintenance, Renewal and Replacement;
 - (D) **“Category D ICT Equipment”**
 - (i) Project Co will be responsible for Storage, Setup, Installation and Commissioning; and
 - (ii) the Authority will be responsible for Procurement, Delivery, Maintenance, Renewal and Replacement;
 - (E) **“Category E ICT Equipment”**
 - (i) Project Co will be responsible for Procurement, Delivery, Storage, Setup, Installation and Commissioning; and
 - (ii) the Authority will be responsible for Maintenance, Renewal and Replacement.
- (d) ICT Design and Construction Responsibility
- (1) System Design
 - (A) Project Co will design all ICT Systems and Equipment in conformance with the applicable industry telecommunications standards plus the Authority technical standards and Integration, Interfacing, performance and quality requirements as described in this Schedule and its Appendices. In the event of any conflict between standards, the more stringent requirement will apply.

(2) System Procurement

- (A) If a system procured for use in the Facility represents a net new addition to the overall Authority systems inventory, Project Co will ensure that any contract it enters into for that system includes provisions:
 - (i) permitting assignment of the contract to the Authority on the same terms and conditions as included in the contract between Project Co and the system vendor; and
 - (ii) allowing use of the system to be expanded beyond the Facility to other Authority sites provided the associated increase of scope charges are paid;
- (B) Project Co will ensure that all of its contracts for supply of ICT Systems and Equipment:
 - (i) have a defined Service Level commitment that supports the Authority Service Level expectation as detailed in this Schedule; and
 - (ii) have a privacy and security schedule that aligns with the Freedom of Information and Protection of Privacy Act / Personal Information Protection and Electronic Documents Act legislation as applicable;
- (C) Applications, Software modules and any related Software installed, operated or used by Project Co must not interfere with the operation or performance of, or reduce the security or privacy of, any Authority applications or equipment.

(3) System Development/Implementation

- (A) For development and implementation of all systems that will be Integrated with, or that Interface with the Authority's systems, Project Co will obtain approval from the Authority's ICT representative.

(e) Telecommunications Infrastructure

(1) Basic Requirements

- (A) Project Co will design Infrastructure and systems for high availability, performance and security that meets or exceeds the industry standard for use in and support of hospital applications.
- (B) The following network Infrastructure separation will be provided in the Facility:
 - (i) the Authority's network (data, voice, video);
 - (ii) patient monitoring systems;
 - (iii) the BMS;
 - (iv) nurse call system;

- (v) patient entertainment; and
 - (vi) security systems (Division 28).
- (C) Project Co will consult with the Authority and meet all of the Authority's policies and standards for all connections to the Authority's data, voice or video networks. The above list is indicative only and does not limit Project Co's obligation to provide all physical networks required for the Facility.
- (D) Provide systems which promote operational efficiency and Integrate systems where this Integration provides efficiency and operational and cost advantages.
- (E) The communications systems will accommodate all media types, including data, voice, video and public address.
- (F) Train the Authority's ICT specialist(s) on configuration/setup and testing of the communication systems equipment in the Facility.
- (2) Performance Criteria
- (A) IP Protocol will be used for data, voice, and video network based equipment.
 - (B) All network protocols will be IPV4 and IPV6 compatible.
 - (C) Project Co will maintain the manufacturer's warranties on all communications systems equipment and ensure that the warranties are assignable to the Authority.
 - (D) All communications systems equipment provided by Project Co will support all applications run generally by the Authority.
 - (E) All networked equipment provided by Project Co intended for Integration with Authority networks/systems will include any adapters necessary to Integrate with the Authority's IP based network.
 - (F) All technology systems must be approved through regular Authority processes.
 - (G) Provide outside plant cable Infrastructure via physically diverse and redundant pathways to support three (3) external service providers. Outside plant cable Infrastructure will be continuous and terminate within Entrance Facility Rooms within the new Facility. Project Co will terminate all outside plant fibre and copper cables as directed by the Authority.
- (3) Quality Requirements
- (A) Project Co will:
 - (i) use the latest technology for transferring, securing, and storing information available at the date of procurement of the communications system for the Facility;

- (ii) use equipment and materials that are certified and clearly sealed by CSA or ULC or other testing agency approved and accepted by the local inspection authorities; and
 - (iii) comply with all Appendices of this Schedule.
 - (B) In the event of a conflict between applicable industry standards, Authority standards, or this Schedule, the more stringent standard will apply.
- (f) Site Utilities / Access Provider
 - (1) Project Co will coordinate the Design of the Facility with the Authority's telecommunications service providers to achieve two physically diverse and redundant telecommunications entry Infrastructure to the Facility. The redundant services will not share a common duct bank or fire compartment before entry into two separate entrance facilities. Each duct bank will contain four (4) 103mm conduits.
 - (2) For service redundancy, the telecommunications services will originate from separate central offices selected by the Authority.
 - (3) The communications systems that will be Integrated or interoperate with Authority systems will be compatible with the systems of the Authority's service providers as of the date of installation of the systems and be designed to Integrate with the service providers' equipment and, as appropriate, to utilize the Authority's existing service agreements by extending them to the Facility.
- (g) Telecommunication Equipment Rooms
 - (1) Basic Requirements
 - (A) Project Co will provide Telecommunication Equipment Rooms to accommodate the telecommunications Infrastructure and equipment in accordance with Schedule 3 and EIA/TIA standards.
 - (B) "Telecommunication Equipment Room" includes the following room types: Existing Data Center, Entrance Facility Room (EF), Main Communications Room (MCR) and Local Communications Room (LCR).
 - (C) The Existing Server Room will remain within the hospital crawlspace area.
 - (D) Provide an MCR within the Facility and coordinate supporting electrical, mechanical and structural infrastructure to minimize the possibility of being adversely impacted by damaging events (including impact resulting from flood, fire, vandalism, electrical, mechanical or structural failure).
 - (E) Provide and size LCR spaces to accommodate the telecommunications requirements of the Facility, including all required equipment racks, cabling systems and all active and passive network equipment, devices and Infrastructure while adhering to TIA 569-B (CSA-T530) Commercial Building Standard for Telecommunications Pathways and Spaces requirements.

- (F) Entrance Facility Room (EF) – an entrance to a building for both public and private service cables including the entrance point of the building and continuing to the Entrance Room. The Entrance Facility Room accommodates the joining of inter and intra building telecommunications backbone facilities.
- (G) Provide one EF space designed to accommodate the two physically diverse, redundant telecommunications services to the Facility.
- (H) All Telecommunication Equipment Rooms must provide sufficient redundant cooling capacity to permit all racks to be fully populated with a total load of 3kW of conditioned power per rack.
- (I) All Telecommunication Equipment Rooms must provide a minimum of 3kW of fully redundant power from both the UPS and conditional power systems to each rack.
- (J) Telecommunications Equipment Rooms will only serve the floor they are located on and will minimize the distances for cable runs. They will provide easy access for equipment modifications and working space, and will avoid interference with other services and systems.
- (K) Equipment Racks
 - (i) All equipment racks will be provided with a minimum clearance of one (1) meter both in front and behind each rack.
 - (ii) All equipment racks will be four-post cabinet type.
 - (iii) All racks will be seismically anchored to the Telecommunication Equipment Room floor slab with methods approved by the rack manufacturer for such applications.
 - (iv) Each network core rack requires approximately 50 sq ft of floor space with a min distance of 1 meter from any electrical distribution panel.
 - (v) All equipment racks must meet industry standard specifications with front and rear door locks, 42U in size, width=19", depth=39.7", height=78.7".
 - (vi) Provide each rack with sufficient quantity of rack mounted electronic power distribution units (ePDU) to accommodate all rack mounted equipment. ePDU's will be designed for active switching AC power sources. The ePDU will monitor both power inputs and providing a fast switch transfer from 120/208V UPS power to Conditional power source without interruption.
- (h) Structured Cabling
 - (1) Basic requirements
 - (A) All structured cabling will be designed, installed and tested in accordance with EIA/TIA standards.

- (B) The cabling Infrastructure will be universal and support the networks and systems required in the Facility, including voice (VOIP and analog), data, video, and to allow all forms of end-use equipment.
- (C) This Schedule identifies the structured cabling required by the Authority for its own networks. Any cabling required by Project Co to support its own networks will be provided in addition to that identified as requirements for the Authority.
- (D) Project Co will cause:
 - (i) the cabling Infrastructure to be designed by an RCDD;
 - (ii) the RCDD to work with the Authority to complete the physical network design; and
 - (iii) the RCDD to provide, as necessary, a network plan which would include the following: all active network devices, non-Authority applications, all connecting End-Use Equipment and each separate network. Project Co will assist the Authority in the network plan by supplying all necessary information to the Authority about their Facility network. The Facility network equipment is to match the network equipment specified by the Authority.
- (E) Project Co will provide preliminary conceptual drawings of proposed telecommunications outlet locations in advance of the first detailed room review meetings with the Authority.
- (F) As part of the design process, provide detailed plans including risers, rack layouts, telecommunication equipment layout, Infrastructure, raceways, expansion space, and elevations of Telecommunication Equipment Room walls including layouts in each of the Telecommunication Equipment Rooms.
- (G) Create, in consultation with the Authority, an operational plan for the cable Infrastructure, including a management strategy and resource requirements for maintenance.
- (H) Project Co will test all cable Infrastructure in consultation with the Authority. Any cable not meeting the established TIA test criteria will be replaced by Project Co at no cost to the Authority.
- (I) Provide and install a complete structured cabling solution for the Facility in accordance with and all applicable TIA standards.
- (J) Provide separate physical Infrastructure for networks, in accordance in consultation with the Authority, as required for the telecommunications systems and equipment installed or used in the Facility.
- (K) In consultation with the Authority, design and provide physically diverse and redundant structured cabling pathways between the Existing Data Center, Entrance Facility Room (EF), Main Communications Room (MCR) and Local Communications Rooms (LCRs).

(L) Telecommunication Outlets and Data Drops

- (i) In this Schedule and its Appendices, the terms “telecommunication outlet”, “data outlet”, and “communications outlet” are used interchangeably. Notwithstanding any standard referenced in this Schedule, all such outlets included in the Facility will:
- 1) include a minimum of two data drops, with each “data drop” comprising a complete Category 6 structured cabling connection between the RJ45 outlet jack and the port on a network switch;
 - 2) have a minimum conduit size of 27mm;
 - 3) include a 4 port cover plate with RJ45 jacks as required to terminate the supplied cabling, plus blank filler plates on unused outlets;
 - 4) use Category 6 termination technique. No differentiation will be made between data and voice cables.
- (ii) All horizontal cables will be terminated on patch panel termination hardware located in LCR spaces.
- (iii) Provide a minimum of one unused data drop at each telecommunication outlet.
- (iv) Project Co will, in consultation with the Authority, assign each room and space in the Facility a work area data drop density (“High”, “Medium” or “Low”) in accordance with the ANSI/TIA-1179 Healthcare Facility Telecommunications Cabling Standard Table 1. Notwithstanding the quantities defined in ANSI/TIA-1179, Project Co will provide a minimum quantity of data drops as defined below:
- 1) No Data Rooms - no data outlets for the following TIA 1179 defined room types: ‘Janitor Closet’, ‘General Storage’ and ‘Locker Rooms / Shower Rooms’
 - 2) Low Density Work Area – provide 2 data drops;
 - 3) Medium Density Work Area - provide 8 data drops;
 - 4) High Density Work Area - provide 14 data drops.
- (v) Project Co will provide additional data drops in excess of the minimum quantity required by Section 7.7(h)(1)(L)(iv) as required:
- 1) to support all of the networks, systems and equipment (including the Equipment) to be installed or used in the Facility;
 - 2) by Good Industry Practice to provide convenience, flexibility or use and operational support throughout the Facility; and

- 3) to ensure there is one unused data drop for each telecommunications outlet, except for wireless access points.
- (vi) Project Co will design each room in the Facility such that data drops are distributed throughout the room as required to support clinical functionality and convenient use of equipment by Facility Users and in accordance with Good Industry Practice.
- (M) Project Co will co-locate, at each telecommunications outlet location, an appropriate number of power outlets.
 - (N) The Authority will provide equipment, for which Project Co will provide appropriate racks, UPS, power, cooling and connectivity in each Telecommunication Equipment Room.
 - (O) All conduit pathways will have spare capacity at least as per EIA/TIA standards
 - (P) All Telecommunication Equipment Rooms will have physical floor and wall space to accommodate such expansion. Provide adequate floor space to facilitate at least 2 expansion racks to be located adjacent to required racks.
 - (Q) Ceiling spaces will have telecommunication outlets for wireless network access points, information display systems, and other ceiling mounted digital devices. Coordinate locations with other design disciplines to avoid installation conflicts.
 - (R) Provide equipment and cabling labelling as per the Authority's existing standards and conventions.
 - (S) Provide floor telecommunications outlets and floor power to connect floor mounted self-registration systems, electronic directional systems and patient education kiosks, as approved by the Authority.
 - (T) Provide a data outlet for all public phones, minimum 1 per lobby area per department in the Facility.
 - (U) Provide 24 strands of single-mode and 24 strands of multi-mode OM4 fibre-optic backbone cabling between the MCR and each of the following Telecommunication Equipment Rooms:
 - (i) LCRs
 - (ii) EF
 - (iii) Existing Data Centre
 - (V) Fiber-optic cables will be terminated on LC fiber-optic termination patch panels housed within standard racks in the EF, MCR, LCR and Existing Server Room.

- (W) Provide 100 pairs of Cat5E backbone cabling between the MCR and each of the following Telecommunication Equipment Rooms:
 - (i) LCRs
 - (ii) EF
 - (iii) Existing Data Centre
 - (iv) Existing Main Communications Room
 - (X) Project Co will replace all existing cabling in renovated areas of the Existing Hospital with equivalent quantities of Category 6 cabling.
- (i) Equipment
- (1) Project Co's Equipment
 - (A) Provide end-use equipment and communications equipment to provide a fully operational Facility and that Project Co may require for its own use for the performance of its obligations under this Agreement ("**Project Co's End-Use Equipment**").
 - (B) Do not connect any of Project Co's End-Use Equipment to the Authority's network, both wired and wireless, without prior approval from the Authority. Project Co is responsible for paying any additional cost incurred by the Authority for Project Co's use of Project Co's End-Use Equipment on the Authority's network.
 - (C) The Authority will accommodate Project Co's End-Use Equipment that has been approved for connection to the Authority's network.
 - (D) Servers and related equipment for Project Co's End-Use Equipment will be located in the MCR. They will not be located in LCRs.
 - (E) Any wireless devices used by Project Co will not interfere with the Authority's wireless Infrastructure or devices.
 - (F) The Authority wishes to have a single communications Infrastructure but where required this Infrastructure may be physically separated with approval of the Authority.
 - (G) If Project Co elects to reside on the Authority's network, Project Co will conform to all Authority network, end-use standards and will be subject to the Authority's Total Cost of Ownership (TCO) model.
 - (2) Authority's End-Use Equipment
 - (A) The Authority will provide its own end-use equipment and clinical devices (collectively called the "**Authority Supplied End-Use Equipment**") including:
 - (i) computers and peripheral devices, desktop, laptop, point-of-care, tablet, handheld;

- (ii) Servers for the Authority's business and clinical applications;
- (iii) multifunction printers, photocopier, scanner, e-mail, fax;
- (iv) patient identification printers and readers; barcode, RFID;
- (v) clinical dictation devices;
- (vi) computerized registration equipment;
- (vii) computerized information kiosks;
- (viii) telephones, desktop, digital, multiline;
- (ix) telehealth conferencing equipment;
- (x) standard televisions and displays;
- (xi) audio-visual equipment for staff;
- (xii) audio-visual equipment for clinical applications;
- (xiii) computerized medication dispensing systems;
- (xiv) physiological monitoring devices;
- (xv) patient beds and smart beds;
- (xvi) digital signage systems;
- (xvii) digital way-finding systems;
- (xviii) patient entertainment equipment;
- (xix) patient education equipment;
- (xx) staff attendance systems;
- (xxi) Clinical Information System (CIS) Software and Servers:
 - 1) Registration;
 - 2) Scheduling;
 - 3) Health Information Management (HIM);
 - 4) Laboratory;
 - 5) Radiology;
 - 6) Pharmacy;
 - 7) Emergency Department (ED);
 - 8) Surgery;

- 9) Anaesthesia;
 - 10) Acute and Ambulatory Electronic Medical Records (EMR);
 - 11) Documentation;
 - 12) Computerized Physician Order Entry (CPOE);
 - 13) Medication Administration Records (MAR);
 - 14) Care Plans;
 - 15) Point of Care Medication Administration;
 - 16) Device Connectivity;
 - 17) Infusion Management;
 - 18) Smart Pump Programming;
 - 19) Documentation Imaging;
 - 20) Interfaces; and
 - 21) Interface Engine.
- (xxii) CIS hardware, device connectivity engines and adaptors to 3rd party equipment; and
- (xxiii) other technology equipment needed to support the Authority's clinical applications which are not identified in the Project Agreement documentation.
- (B) Project Co will:
- (i) include the installation of the Authority Supplied End-Use Equipment as part of the move-in schedule;
 - (ii) assist the Authority to define locations for the Authority Supplied End-Use Equipment;
 - (iii) provide adequate space, Infrastructure, power, and wired network data outlets for the Authority Supplied End-Use Equipment; and
 - (iv) provide jack number information on the Authority's cable information to the Authority to facilitate placement of the Authority Supplied End-Use Equipment.

- (j) Authority Network
 - (1) Basic Requirements
 - (A) For the Authority's network and patient monitoring network, the Authority will:
 - (i) provide to Project Co network switches for installation by Project Co;
 - (ii) complete all logical network design (excluding structured cabling) and network equipment programming and configuration; and
 - (iii) be responsible for all network management licensing.
 - (B) For the Authority's network and Patient Monitoring network, Project Co will:
 - (i) install all network switches and connect harness cabling; and
 - (ii) complete all physical network design and provide all structured cabling.
 - (C) For all other networks required in the Facility, Project Co will:
 - (i) provide all required network equipment, including network switches;
 - (ii) in consultation with the Authority, complete the logical network design and program and configure all network equipment;
 - (iii) be responsible for all network management licensing; and
 - (iv) locate network and other equipment in the MCR or LCRs.
 - (D) For all of the networks described above, Project Co will mount and connect all network switches, patch panels and patch cables and test all network equipment and cable Infrastructure per in consultation with the Authority.
 - (E) The Authority will provide and manage all firewalls, security and systems for connections to the Authority's networks.
 - (F) Project Co is responsible to provide and manage all firewalls, security and systems for connections to all networks in the Facility other than the Authority's network and patient monitoring network.
 - (G) Project Co will retain a vendor certified network engineer trained on Project Co's network equipment.
 - (H) Redundancy and security will be incorporated in all network designs.

(k) Authority Servers

(1) Basic Requirements

- (A) Authority Servers will be installed in the Existing Data Center by the Authority.
- (B) All Servers will align with Authority policies and operational procedures with regards to security and operations.
- (C) Servers will meet minimum “*Lights out*” requirements where all Servers will have remote access cards and data outlets for remote management and support.

(2) Performance Criteria

- (A) Each Server will require network and power redundancy by means of dual power supplies and dual network Interface cards installed in each Server.
- (B) Project Co will provide structured cabling Infrastructure to support each Server. Each power supply will be connected to separate redundant rack PDU’S and each network card would be connected to separate core routers in the MCR.
- (C) Project Co will provide the cable Infrastructure to support each Server.

(l) Project Co Servers

(1) Basic Requirements

- (A) All Servers must align with Authority policies and operational procedures with regards to security and operations in accordance with this Schedule and its Appendices. This includes aligning to the Authority operating system and hardware patching processes.
- (B) Servers must meet minimum “*Lights out*” requirements where all Servers must have remote access cards and data outlets for remote management and support.
- (C) Servers will be the latest technology, as of the date of installation and will Interface to the Ethernet network via a 1000Mb network Interface card.
- (D) All Servers deployed must align with the Authority’s standards for procuring equipment including hardware models, operating systems, Software licenses, and maintenance and contract agreements. All agreements must be maintained for the life cycle of the hardware and or application.
- (E) All Servers as well as the applications hosted on those Servers must be entered into the Authority’s change management database system as configuration items and dependencies identified and linked. All changes, incidents, and problems relating to said Servers and applications must be managed, monitored, and tracked using the Authority’s change, incident, and problem management processes.

(2) Performance Criteria

- (A) Each Server will require network and power redundancy by means of dual power supplies and dual network Interface cards installed in each Server. Each power supply will be connected to separate redundant rack PDU'S and each network card would be connected in consultation with the Authority.
- (B) All network attached Servers will include the installation and management of antivirus Software that aligns with the Authority's antivirus policies.
- (C) All network attached Servers will include the installation and management of enterprise data backup and retention Software that aligns with the Authority's backup and retention policies and procedures.
- (D) Hardware and Software configuration of Servers provided by Project Co must be reviewed and approved by the Authority.
- (E) Servers for the technology and communication systems will be Microsoft compliant (version acceptable to the Authority) and will be from a common manufacturer.

(m) Telephone Equipment

(1) Basic Requirements

- (A) Design and construct the Facility including Infrastructure to support the Authority's VoIP, satellite telephone, patient telephone, and public telephone systems.
- (B) Project Co may, at its cost, use the Authority phone system for its telecommunications needs. If Project Co intends to use the Authority phone system, Project Co will provide and, in consultation with the Authority, install additional capacity and functionality as required.

(2) Performance Criteria

- (A) Have a public telephone company provide and install pay phones in consultation with the Authority. Project Co will provide Infrastructure as required by the public telephone company to support equipment connectivity.
- (B) The Authority will provide patient telephone system equipment. Project Co will provide all required Infrastructure to support equipment connectivity.

(n) Cellular Services

(1) Basic Requirements

- (A) Project Co will provide Infrastructure required to support cellular antennae systems of the following cellular service providers: Northwestel and Bell.

- (B) Ensure that the system installed supports both cellular voice and data requirements. The system will function effectively in all areas of the Facility, including underground parking if applicable.
 - (C) Project Co will work with the Authority and the cellular service providers to coordinate a transfer of the contract to the Authority upon Service Commencement.
 - (D) At minimum provide the following Commercial and Emergency Response frequency bands via the DAS:
 - (i) Paging;
 - (ii) CELL Cellular/trunked mobile;
 - (iii) LTE Mobile Broadband Services;
 - (iv) Personal Communication Service (PCS);
 - (v) Advanced Wireless Services (AWS); and
 - (vi) Local Emergency Responder (Fire, Police and Ambulance).
 - (E) Provide -60dB signal strength throughout and at the perimeter of the Facility.
- (o) Wireless Networks
- (1) Basic Requirements
 - (A) The Existing Hospital currently has WiFi for telemetry equipment only and not for network use.
 - (B) In consultation with the Authority, design and install a complete and entirely new 802.11 wireless network Infrastructure within the Facility to provide seamless wireless coverage throughout all areas, including new Construction. Project Co will not install any other 802.11 wireless networks in the Facility without written approval of the Authority.
 - (C) Provide structured cabling outlets to support the Authority's wireless network in the Facility with sufficient wireless access point density to comply with TSB-162 (10m x 10m grid) layout.
 - (D) The Authority will procure, program and configure wireless access points and controllers and supply to Project Co for installation.
 - (E) Project Co will install all structured wiring, wireless access points, controllers, and test all cable Infrastructure and wireless system devices for the wireless network in consultation with the Authority. Install all network equipment in accordance with all applicable standards.

- (F) The wireless Infrastructure will service 802.11b (2.4Ghz DSSS), 802.11g (2.4Ghz OFDM), 802.11a (5Ghz OFDM), 802.11n Draft 2.0, or newer (5Ghz and 2.4Ghz MIMO), and 802.11ac wireless communications and data transfer requirements for access by wireless devices to data and voice services within the Facility and across the Authority, via the Authority WAN.
 - (G) Provide a complete structured cabling Infrastructure that will allow the installation of the complete wireless network. Project Co will install telecommunication outlets and access points in consultation with the Authority. Note that the patient monitoring wireless access points will be installed independently from the Authority wireless network.
 - (H) Assist the Authority in planning and testing for the wireless network.
 - (I) Provide WiFi heat maps for the Facility indicating the channel coverage, signal level, data rate and noise floor for 802.11 standard including 802.11b, 802.11g, 802.11a and 5GHz 802.11n wireless networks.
 - (J) Project Co will update the Authority's wireless management applications to include the Facility floor plans including wireless access point locations mapped to a floor plan with RF characteristics defined for structural composition which will include glass, concrete, wood, drywall, metal, and permanently mounted RF obstacles.
 - (K) The wireless network will provide 100% coverage that meets the latest performance requirements throughout the Facility including elevator cabs, mechanical spaces, service areas, and stairwells.
- (2) Performance Criteria
- (A) Work with the Authority in creating an operational plan for the wireless network complete with management strategy alerts notification and resource requirements for maintenance.
 - (B) Retain a RCDD certified network engineer with expertise and experience in working with the Authority approved equipment to design the wireless network.
 - (C) Each wireless access point will have a singular data drop terminated at a telecommunication outlet.
 - (D) Design the Facility to minimize RF interference to the wireless network. The resulting RF environment in the Facility must be consistent with the strictest specifications of the wireless end-use equipment.
 - (E) Provide adequate signal strength to the boundaries of the Facility / Lands.
- (p) Staff Communication System
- (1) Basic Requirements
 - (A) The Authority's wireless network will support a complete wireless staff to staff communication system.

- (B) The staff communication system will allow staff to initiate 2-way voice conversations from their staff communication system device to:
 - (i) other staff communication system devices; and
 - (ii) VoIP telephone.
 - (C) The staff communication system will allow staff to receive 2-way voice conversations into their staff communication system device from:
 - (i) other staff communication system devices;
 - (ii) VoIP telephone;
 - (iii) nurse call consoles;
 - (iv) patient stations;
 - (v) staff / duty station;
 - (vi) external telephone; and
 - (vii) duress / panic system.
 - (D) The Authority will provide all wireless end-use devices and centralized staff communication services.
 - (E) Project Co will ensure that all required systems Integrate with the staff communication system. At the Authority's discretion, some of the system Integration may be performed through the Authority's phone system.
 - (F) Project Co may use a different system for its own communication such as portable radios. Any such devices or system must not interfere with the Authority's wireless communication devices or systems or other devices or systems.
 - (G) The wireless system will function throughout 100% of the Facility, including elevator cabs, mechanical spaces, service areas, parkade, Facility exterior, stairwells, and parking lots.
- (2) Performance Requirements
- (A) Provide adequate space and power outlets for wireless device charging stations inside each department, taking in to account that charging units with multiple devices may cause signal concentrations that impact active unit performance. Sufficient spread of units must be maintained for both charging and storage areas so as not to impact operational performance of active units.
- (q) Real Time Location System (RTLS)
- (1) Basic Requirements
 - (A) The Authority has not selected a RTLS manufacturer and cannot confirm that this system will be provided in the future.

- (B) In consultation with the Authority, design and install WiFi based RTLS structured cabling Infrastructure for the Facility.
 - (C) The RTLS structured cabling Infrastructure will be designed to provide 100% coverage throughout the Facility including elevator cabs, mechanical spaces, service areas, and stairwells.
- (r) Public Address System
- (1) Basic Requirements
 - (A) Provide cable Infrastructure and equipment for a public address system in the Facility, including any parkade. This public address system is intended to be used for general and emergency voice paging. Other communications systems will be also used for routine communications between staff and patients.
 - (B) The public address system will be separate from and act independently of the fire alarm system paging system. Provide interconnects between the systems as required by all applicable regulatory standards or codes.
 - (C) Provide, in consultation with the Authority, Interface to the public address system from the telephone system. The public address system Integration will facilitate single-step dialing from a telephone handset directly to a paging zone. This will accommodate speed-dial functionality.
 - (D) Voice paging will typically be performed via a telephone located at the switchboard. In addition, provide a hard-wired backup microphone in a location to be advised by the Authority in the event the phone system fails. This backup microphone must be able to page the entire Facility.
 - (E) Generally, voice paging will be on an 'all-page' basis. Provide physical zoning of the public address system by department to enable each department to page itself, if so desired.
 - (F) The new public address system will be expanded to any existing areas renovated within the scope of the Project.
 - (2) Operational Requirements
 - (A) Provide complete speaker coverage throughout 100% of the Facility so that emergency voice pages can be heard everywhere in the Facility, including specifically situated speakers within each meeting room, on-call sleep areas, a remote parkade, and energy centre, with high intelligibility and low loss of articulation of consonants (%ALCONS).
 - (B) Provide sound levels as follows throughout the Facility:
 - (i) Normal voice paging: 60 dB minimum.
 - (ii) Voice paging sound levels will be at least 10 dB above ambient noise levels in mechanical rooms and similar locations.

- (C) Provide all equipment necessary for a fully operational public address system, including:
 - (i) paging amplifiers;
 - (ii) flush ceiling speakers in finished areas, with adjustable volume levels;
 - (iii) trumpet type speakers in mechanical and other high ambient locations;
 - (iv) microphone(s);
 - (v) mixers; and
 - (vi) telephone/network system Interfaces.
 - (D) Size amplifiers to handle total load plus 20% spare capacity.
 - (E) Provide telephone access for public address with a maximum delay of 1 second between accessing system and ability to transmit page.
- (s) Intercommunication System
- (1) Basic Requirements
 - (A) Local intercom systems are required at locked entrance doors that delivery personnel or the public will need access through, and at doors provided with access controls as identified in Appendix 3E [Door Operations Matrix].
 - (2) Quality Requirements
 - (A) The intercom systems will be an IP based system manufactured by recognized industry leaders in the intercom business.
 - (3) Performance Criteria
 - (A) Provide a video intercom system at all entrance locations as identified in Appendix 3E [Door Operations Matrix], in consultation with the Authority, and based on the Facility threat and risk assessment.
 - (B) Provide an intercom door-station at the entrance to each inpatient department. Each inpatient department will have master stations at each collaboration station and care hub. Calls from the door-station will be broadcast to each master station simultaneously, and may be answered from any of these locations. Any master station will be capable of releasing the inpatient entrance door.
 - (C) Coordinate the provision of intercom systems for all other areas with the Authority.

- (D) Door stations will be provided as follows:
 - (i) full colour surveillance camera with ability to pan and tilt;
 - (ii) hands-free full duplex audio capability;
 - (iii) push-to-talk/call buttons; and
 - (iv) vandal resistant and weatherproof where required.
 - (E) Master stations will be provided as follows:
 - (i) capable of being desk and wall mounted;
 - (ii) full colour display screen with ability to control pan and tilt of door station;
 - (iii) hands-free full duplex audio capability; and
 - (iv) capability to release to the secure entry door.
 - (F) Provide desk loud-speaking master station with handset at locations as determined in consultation with the Authority, including:
 - (i) each digital imaging control room; and
 - (ii) pharmacy dispensing area.
 - (G) Provide flush wall loud-speaking master station without handset at locations including:
 - (i) digital imaging rooms.
 - (H) Provide dedicated duplex voice intercom system between each seclusion room and the local nurse station. Nurse station will have the capability of turning the volume off, or up, as required. Intercom will be hands free in the seclusion room and will be ceiling mounted behind a guard.
- (t) Video Conferencing and Telehealth System
- (1) Basic Requirements
 - (A) The Authority will provide all videoconferencing systems.
 - (B) Project Co will provide supporting Infrastructure including power, telecommunication outlets, audio-video wiring, raceways, outlet boxes, structural requirements necessary to support the Authority's video conferencing requirements.
 - (C) Project Co will retain audio visual professionals with expertise and experience in the application, use and Integration of audio/video conferencing systems for the design, configuration and Integration of the required videoconference rooms and systems.

- (2) Performance Criteria
 - (A) Design and construct videoconference rooms and locate microphones, video cameras, video monitors, lighting systems and sound attenuation structures/materials to optimize the performance of the video conferencing systems. Follow recommendations described within Infocomm / BICSI AV Design Reference Manual - Latest Edition.
 - (B) Coordinate with the Authority for network access. Video conferencing systems will be configured in consultation with the Authority and adhere to the Authority security and quality of service requirements so not to negatively impact the Authority's network performance in any way.

- (u) Radio System
 - (1) Basic Requirements
 - (A) Provide a new 2-way, multi-channel digital radio system including all required Infrastructure and equipment to support the requirements of the Facility.
 - (B) Provide 20 portable 2-way radios with all required equipment to complete a fully working system.
 - (C) The 2-way radio system will be multi-channel and will meet or exceed the capabilities of the Authority's existing system.
 - (D) The radio system will not be reliant upon the Authority network for continued operation.
 - (E) Provide 100% coverage of the Facility Lands such that radios will work in all interior and exterior spaces/areas.
 - (2) Performance Criteria
 - (A) The radio system will facilitate communication between any Authority telephone and any radio channel.
 - (B) The radio system will be capable of sending text messages from the Dispatch Centre to individual radios and to groups of radios.
 - (C) The radio system will automatically broadcast pre-recorded voice messages from each of the fixed duress locations to all radios.

- (v) Patient Entertainment System
 - (1) Basic Requirements
 - (A) The patient entertainment system will provide patient, visitor, and staff television. The system will be administered after Facility completion under the direction of the Authority.

- (B) Project Co will be responsible for design and provision of the complete Infrastructure, system, and Interfaces necessary to support the system. Project Co will direct and procure services to provide a complete patient entertainment system.
- (C) The Authority will procure and deliver the IP TVs and wall mount brackets for the TVs to Project Co.
- (D) The patient entertainment system will consist of internet protocol based display units (television).
- (E) The patient entertainment and education system will both utilize the same display and audio. User controls for these systems will not necessarily be the same.
- (F) The patient entertainment system will operate over physical networks other than the Authority's network.
- (G) Project Co will be responsible for the complete system design and installation including entrance pathways, demarcation, and distribution. The Authority will be responsible for the ongoing cost of the TV (cable) service after service commencement.
- (H) Patient entertainment outlets will be installed at:
 - (i) each patient bed location, patient care area, and each patient use area in all patient use and patient care areas/rooms/units of the Facility including: General Medical / Surgical Inpatient, Intensive Care / Telemetry, Maternity, Psychiatric, Emergency, Ambulatory / Daycare, Clinics, Surgical Daycare, Outpatient Procedural Care, Cardio-Pulmonary, and Medical Imaging; and
 - (ii) each care team station, care hub, nurse station, staff lounge, waiting room, sunroom, main entrance/lobby area (3 outlets), cafeteria (two outlets), on call room, doctor sleeping room, physician lounge, teaching facility lounge, and sleeping rooms.
- (I) At patient entertainment locations other than inpatient bed locations, Authority staff will control the channels/programming via remote control and will be able to change program channels or television inputs for access to patient entertainment programming.
- (J) At patient bed locations, patients will control content including channels, programming, and volume via pillow speakers connected to the nurse call system.
- (K) At each patient location in all clinical areas:
 - (i) provide a patient entertainment outlet capable of receiving television programming, patient education resources, clinical applications, and internet access.

- (2) Quality Requirements
 - (A) The patient entertainment system will be manufactured by an industry leader and all components will be of that manufacturer.
- (3) Performance Criteria
 - (A) A patient entertainment outlet consists of a quadplex receptacle, one data outlet, and one coaxial cable. A patient entertainment outlet will serve a patient entertainment display, a patient education display, or a combined patient entertainment/education display. All cabling will be connected in the closest LCR.
 - (B) At each patient entertainment outlet location provide sufficient structural support and backing for a 55" display (TV) unit.
 - (C) Arrange for the installation and connection of TV service including the complete backbone, horizontal, and distribution connections throughout the Facility.
- (w) Patient Education System
 - (1) Basic Requirements
 - (A) The Authority intends to provide the application services, programs and electronic educational material that will be displayed via the Authority's network on televisions, patient entertainment displays, video conferencing equipment, information kiosks, tracking dashboards, and personal computers.
 - (B) Project Co will be responsible for design and provision of the complete Infrastructure, system, and Interfaces necessary to support the education system.
 - (C) The patient entertainment and education system will both utilize the same display, audio, and control features.
 - (D) The Authority will provide the head-end components for the patient education system on the Authority's Servers.
 - (2) Performance Criteria
 - (A) At patient education locations other than inpatient bed locations, Authority staff will control the channels/programming via remote control and will be able to change program channels or television inputs for access to patient education programming.
 - (B) At inpatient bed locations, patients will control content and volume via pillow speakers connected to the nurse call system.

- (x) Nurse Call Systems
 - (1) Basic Requirements
 - (A) The nurse call system will utilize the latest proven technology used in facilities similar to the Facility.
 - (B) The nurse call system in a smart hospital environment is a hub for Interfacing technologies and systems. Incorporate in the planning, design and installation the multiple virtual and physical Interfaces, and pathways that are required to support an Integrated patient centric system. Physical pathways, interconnections, and Interfacing are also required to support lighting, blind control, and control of the patient entertainment system from nurse call pillow speakers.
 - (C) Prior to designing and installing the nurse call system and as required by the Authority, coordinate the technical capabilities of the nurse call system, hardware Interface and Integration requirements, system layout, and functionality with the Authority and the Authority's clinical staff.
 - (D) Installation of the nurse call system will be to the satisfaction of the Authority including programming, configuration, Interfacing, testing and commissioning of the system.
 - (E) Train Authority staff on the nurse call system, with training schedule to be determined in consultation with the Authority.
 - (F) Provide a full feature audio and visual nurse call system with full duplex communications in any and all patient use and patient care areas/rooms/units of the Facility including: General Medical / Surgical Inpatient, Intensive Care / Telemetry, Maternity, Psychiatric, Emergency, Ambulatory / Daycare, Clinics, Surgical Daycare, Outpatient Procedural Care, Cardio-Pulmonary, and Medical Imaging.
 - (G) The nurse call system will be:
 - (i) the primary communication device for patients to contact staff in each clinical use and patient care area; and
 - (ii) the primary communication device for Authority staff to alert other staff that they need assistance in a clinical use or patient care area.
 - (2) Quality Requirements
 - (A) Comply with all applicable standards, including UL1069, CSA C22.2 and CSA Z32-09.
 - (3) Performance Criteria
 - (A) In consultation with the Authority, Interface the nurse call system with other systems in a seamless manner to achieve the Integrated functional requirements as determined in consultation with the Authority.

- (B) The nurse call system will be capable of Interface with the Authority's CIS to enable bi-directional communications and transfer of Admit Discharge Transfer (ADT) data.
- (C) Integrate the nurse call system with the Authority VoIP/telephone network and provide sufficient audio channels for use in mobile clinical workflow, in consultation with the Authority, for the requirements of the Facility. Provide all gateway Software and/or hardware required for this Integration.
- (D) The nurse call system will provide a full range of Software applications as offered by the nurse call vendors most current systems intended for use in large acute care facilities. The applications will include system administration and supervision, staff assignment and messaging, staff tracking and presence, workload and workflow management, and statistical reporting.
- (E) The nurse call system will allow the CIS to report from the nurse call system and pull data from the nurse call system for the purposes of reporting Admit Discharge Transfer (ADT) data.
- (F) All data points within the nurse call system will be capable of being retained for the purposes of reporting for a minimum two weeks.
- (G) Provide all network equipment for the nurse call system and Integrate this network, in consultation with the Authority, with other Facility networks.
- (H) Utilize standard Category 6 cabling and connectors for nurse call cabling as applicable.
- (I) Install nurse call terminal cabinets in LCRs as approved by the Authority. All nurse call network horizontal runs will be terminated on dedicated patch panels.
- (J) The nurse call system will annunciate on the wireless staff communication system (staff communication device, wireless phone devices, PDA's or phones) for near instant alarm response as a secondary alerting system. The nurse call system will operate seamlessly with the wireless staff communication devices and allow two-way VoIP communication into all patient locations.
- (K) The nurse call system will utilize VoIP communications between all major components including staff consoles, patient stations, staff stations and all telephones and staff communication devices.
- (L) At a minimum, provide a staff console in each clinical nursing area including care team stations, care hubs, nurse stations, reception, and administrative.
- (M) Staff consoles will be colour, touch screen, user configurable, allow multiple screens, soft key enabled, hands-free full duplex capability with handset for private conversations.

- (N) Staff consoles will have the capability to redirect all calls to other staff consoles on a manual, automatically scheduled basis, call escalation, or console failure.
- (O) Patient stations will be installed at each patient bed headwall location, patient care area, and each patient use area.
- (P) In each General Medical / Surgical Inpatient Room, provide the following:
 - (i) one patient station for each bed location;
 - (ii) one bath station with audio and pull cord capability; and
 - (iii) one pull/call cord station for each patient chair location.
- (Q) In each Procedure / Surgical Room, provide the following additional station:
 - (i) a four (4) button workflow station.
- (R) Patient stations will be individually programmable to allow multiple call classification and priority levels. Patient stations will be capable of connecting two nurse call cords or auxiliary alarm inputs. Provide the ability to disable any nurse call system input from any staff console.
- (S) Patient stations located in psychiatric areas will have a suitable physical barrier, or enclosure that enables staff to prohibit access to the patient station by the patient.
- (T) The nurse call patient station will fully Interface with the full range of smart bed call and audio functions by means of industry standard nurse call bed connector.
- (U) The nurse call system will provide an Interface such that the audio from the patient entertainment/education system will be connected and audible through pillow speakers and/or smart bed speakers.
- (V) The nurse call system will also provide an Interface such that the pillow speakers are capable of controlling patient headwall lighting, and up/down control of the patient room electric blind.
- (W) Provide nurse call cords for each patient station plus 10% spare. 25% of the call cords will be pillow speaker type, with the remainder being standard call cords.
- (X) Provide emergency pull cord stations at all patient bath rooms, shower rooms, and change room locations complete with audio and staff emergency alarms.
- (Y) Pull cords will be washable and compliant with the Authority's infection control policies.
- (Z) Psychiatric facilities will not have cords permanently attached to input devices.

- (AA) Provide multi-call classification dome light (minimum 4 LEDs) to annunciate staff presence, or calls in all rooms with nurse call devices. Locate dome lights in a manner that allow Authority staff the best possible view from the outside of the room where the nurse call device is located. Provide zone lights at all corridor intersections to direct and lead staff from anywhere within or outside the unit to the origin of the call.
- (BB) Provide a code blue system with code blue buttons at locations determined in consultation with the Authority including all clinical use area, patient care area, care team stations, care hubs, nurse stations, reception, administrative, and all patient therapy rooms, patient lounges, procedure rooms, exam rooms and inpatient rooms. Provide a code blue system that is Interfaced with the following systems: access control, Authority network, elevator controls and public address system.
- (CC) Provide a code blue system that achieves the following sequence of operation:
 - (i) Upon a code blue button activation, a priority call signal will be annunciated at the staff console, and a pop-up message will also be displayed on all switchboard workstations that will indicate the precise origin of the code blue call.
 - (ii) Provide dome / zone lights at all corridor intersections and elevator lobbies to direct and lead the code blue team from anywhere within or outside the unit to the origin of the code blue call.
 - (iii) A message will be automatically sent to all unit based staff communication and paging devices as directed and determined by the Authority.
 - (iv) Upon authentication of the code blue event by the unit clinical staff to the switchboard, a code blue signal will be manually initiated by the switchboard staff. The code blue signal will comprise a coded message on the public address system, and a text message which is sent to the code blue team's staff communication devices, and a pre-recorded message to be sent to the radio system.
 - (v) Switchboard staff will also activate an elevator homing command by way of keyswitch at the switchboard location.
 - (vi) Switchboard will also activate a pushbutton which confirms that the code blue event is genuine.
 - (vii) Each code blue team member will have the ability to recall any elevator from any elevator lobby by means of an elevator recall keyswitch. The code blue team will assume control of the elevator by means of a code blue keyswitch located inside each elevator cab.
 - (viii) Upon cancellation of the code blue call at the patient station, all systems will reset and resume normal operation.

(DD) Provide adequate staff / duty stations for each nurse call system to ensure that tones are heard throughout each department. Provide the capability to mute each staff / duty station.

(y) Middleware

- (1) Project Co shall provide all middleware Software and hardware Integration to provide system Interface requirements within their scope. Refer to Appendix 3D [Information Systems Responsibility Matrix] for a list of middleware system Interface connectivity requirements.
- (2) The middleware Software will be a commercial Software product that is proven for healthcare Integration applications in large acute care environments.
- (3) Consult with the Authority clinical staff and program the middleware system to meet the on-going workflow call routing requirements for Interface to all Project Co provided systems.
- (4) Provide web browser based middleware Software that can be accessed by Authority users simultaneously from any Authority workstation with the password authentication.
- (5) Provide training for Authority users in the use of the middleware Software.
- (6) Provide the Authority with customized reporting of middleware events on an as requested basis.
- (7) Record all middleware events in a database. Provide the Authority with electronic format data reports of all database event transactions for archival purposes each quarter (90 days).

7.8 **Electronic Safety and Security (Division 28)**

(a) General

- (1) Project Co will:
 - (A) utilize CPTED (Crime Prevention Through Environmental Design) principles along with workplace safety and security considerations;
 - (B) minimize the visibility of security devices in patient care areas to reinforce the therapeutic nature and residential qualities of treatment spaces. In interior and exterior public spaces such as lobbies, reception and waiting areas, rest areas, access and egress points, security devices may be visible;
 - (C) design the Facility and all outdoor areas with Facility Users safety and security in mind;
 - (D) ensure a safe environment for staff, patients and visitors by proper utilization of electronic access control, duress, video monitoring and intrusion detection systems; and
 - (E) provide a wireless patient wandering system installation for each inpatient unit.

- (2) Refer also to the summary included in Appendix 3D [Information Systems Responsibility Summary].
- (b) Electronic Security Systems
- (1) General
 - (A) Design, provide and install a security system to meet the Authority's security programs within a healthcare facility environment.
 - (B) Provide fully networked Integrated security systems to protect staff, patients, visitors and property. As part of this security management program, at a minimum, provide a closed circuit television system to view and record events, an access control system to restrict access to secure areas to authorized personnel only and to support the safe operation of psychiatric facilities, a patient/infant wandering system, an intrusion alarm detection systems to detect and report unauthorized entry into protected spaces, and Facility wide panic duress system (wired) to protect staff.
 - (C) Develop the security design based on the facility threat and risk assessment by a licensed security consultant.
 - (D) Project Co will be responsible for the initial programming of proximity cards. Project Co will locate all security devices and provide monitoring and alarm annunciation requirements to the satisfaction of the Authority.
 - (E) Project Co will provide control and monitoring for security systems from both a new Security Office in the new Facility and the present Security Office location in the Authority's existing Security Dispatch Centre. Project Co will be responsible for modifying the existing dispatch centre to accommodate new monitors, PCs, hardware and Software infrastructure and all electrical requirements.
 - (F) All electronic security systems will reside on a dedicated Security Systems network provided by Project Co. The Security Systems network will be fully accessible by the Authority via secure firewall connection to the Authority's network in order to allow the Authority the opportunity to control and monitor the status of security systems both locally and remotely.
 - (G) Electronic security systems will be scalable to allow for future additions and interconnections of many devices and subsystems from different manufacturers.
 - (H) The security system will incorporate commercial off-the-shelf equipment and proven designs from manufacturers regularly engaged in the production of models and types of equipment used in the security industry. Products will be quality control tested and verified for the intended operation prior to installation at site.
 - (I) All materials, including hardware and Software provided will be fully compatible with the Authority's head-end systems and the most current version or production model.

- (J) Electronic security systems will maintain dependability and reliability under all operational environmental conditions, capable of 24 hours per day, seven days per week continuous operation.
 - (K) Interconnect security systems to the fire alarm system and other systems as required by applicable codes and standards.
 - (L) Arrange meetings with the Authority to coordinate system design, interconnections and programming requirements to Integrate with the Authority's security systems.
 - (M) Train Authority staff on the use and operation of security systems and location of all security devices. Coordinate and schedule training with the Authority.
 - (N) Security systems Infrastructure must comply with the manufacturer's technical specifications and configuration requirements.
 - (O) All electronic security systems will meet all Authority privacy standards pertaining to storage and operation of devices. Provide all necessary documentation and completed privacy impact assessment (PIA) required to meet Authority privacy/confidentiality standards.
 - (P) Integrate the parking gate control system with the access control system for remote override.
 - (Q) Provide duress stations that are highly visible, illuminated, and accessible. Duress stations upon activation will annunciate locally by means of a minimum 90dBA siren, a xenon strobe, and will be supervised by protection services monitoring, and be Integrated with the CCTV system and radio system.
 - (R) Provide all areas of parking including the parkade with duress stations such that no location in the parkade is further than 30m from a duress station.
 - (S) Ensure that all areas of the Facility interior, including stairwells, are capable of being viewed with either PTZ or fixed CCTV. Coverage will be to a level that will allow facial identification. The term "facial identification" or "facial recognition" means capturing a target's face with CCTV cameras and providing images of 80 pixels per foot.
 - (T) For Facility exterior areas, including parking areas, provide a CCTV solution with 40 pixels per foot resolution.
- (c) Access Controls
- (1) Basic Requirements
 - (A) Provide a new access control system for the Facility.
 - (B) Provide new access control field devices, pathways, wiring, control panels, network equipment and all supporting Infrastructure.
 - (C) Not used.

- (D) The intent at the completion of capital works is that the new access control system in the Facility supports the entire Facility.
- (E) The new access control system will be backwards compatible with the Authority's existing system to allow for a phased transition to the new campus access control system. If the access control system is not backwards compatible to the Authority's existing system, then it will fully Integrate with and utilize the existing database of users, groups, events and schedules. Integration will be such that any change to one system will effect and cause the same change on the other system with no additional input or action.
- (F) The access control system will lock and unlock doors via time schedule and card readers utilizing proximity field effect technology to grant or restrict access to employees via a programmable classification system with sufficient capacity to handle at minimum 65,000 regional employees down to the field panel level, and operate over a standard TCP / IP Ethernet network.
- (G) Refer to Appendix 3E [Door Operations Matrix] for a schedule of doors required by the Authority, at a minimum, to be equipped with card access control.
- (H) All doors that require card access control will be equipped with:
 - (i) door position contacts/monitors,
 - (ii) request to exit sensors, hardware, or pushbuttons,
 - (iii) electric strikes or magnetic locks,
 - (iv) proximity card readers,
 - (v) Interface relays, and
 - (vi) power supplies.
- (I) Locking systems will be fail secure as a preference, or as required by code. The access control and monitoring system will be Integrated with the alarm Interface unit and event recorder providing graphic display of door position status and operating Interface for central locking / unlocking of doors.
- (J) The access control system will permit full control functionality from off-site and on-site workstations.
- (K) The access control system will Interface with the CCTV system such that when an alarm is initiated at an access controlled door all local CCTV cameras associated with the door are displayed at the local security workstation.
- (L) The access control system will Integrate with the infant/patient wandering system to prevent unauthorized egress.

(M) Interface requirements between the access control system and other systems are described in this Schedule and Appendix 3D [Information Systems Responsibility Summary].

(2) Performance Criteria

(A) Refer to Appendix 3E [Door Operations Matrix] for the high level description of functional intent for doors required to be provided with access control.

(B) All access controlled doors will be provided with keyed hardware, on both sides of the door if required, to override all access controls and allow passage through the door in either direction.

(C) All mag lock controlled doors will be able to be manually unsecured by means of a keyswitch which directly interrupts power to the doormag(s). A key override will be provided on each side of the door(s).

(D) All doors from the stairwells leading into the Facility will be equipped with proximity card access control.

(E) All seclusion rooms will require simultaneous operation of a local pushbutton and proximity card to enter the room. A single card reader inside the room will enable egress. Each seclusion room will have a remote release toggle switch and door locked/unlocked indicators at the local nurse station. All switches and indicators will be clearly labeled to indicate their function.

(F) All access control panels / field controllers will reside in LCRs.

(G) All access control panels will either have integral battery backup for 2 hour continual operation and be connected to vital power, or be connected to UPS power. Access controls and door hardware components required in Mental Health (MH) and other secure doors in the Facility which do not fail secure, will be provided battery backup for 60 minutes and UPS power. Determination of these battery backed secure doors will be made by the Authority during the Design phase.

(H) All remote power supplies serving access control components and door hardware will have battery backup for 2 hour continual operation, and these will be connected to vital power.

(I) Each access controlled door and its associated electrical door hardware components including door strikes, door mags and hold open devices will be supplied with individually fused, battery-backed circuits. Individual power supply units will not serve more than 8 doors, or more than 1 department, or multiple floors of the building(s), or an area greater than 2000m².

(J) All doors will have their hardware keyed to provide fail-safe mechanical override of the access control.

- (K) Card access system will utilize a file Server and allow multiple workstations to access this file Server for control and annunciation purposes. All alarms will be annunciated locally and at the Security Dispatch Centre (located off-site), and will allow concurrent remote monitoring capability both on and off-site.
- (L) Project Co will provide a user Interface at both the Security Dispatch Centre and local monitoring station that will provide the following functionality:
 - (i) presentation of access control system alarm locations superimposed on a Facility floor plan;
 - (ii) ability to configure and control each door, or monitored point;
 - (iii) alarm handling; and
 - (iv) real-time indication of door/device status.
- (M) Each access controlled door will have the capability to emit an audible tone/alarm signal to annunciate door held open and door forced open alarms. This tone will be adjustable in volume and will have a programmable option allowing the tone to be silenced or removed for door functionality as required on access or egress.
- (N) The access control system will function at the field controller level without connection to the PC host or gateway. All field controllers will be connected by TCP / IP using the structured cabling.
- (O) The access control system will have the capability to lock down departments or other areas identified by the Authority in the event of an emergency or per an established schedule on a door by door basis or global command. Determine and program final access control system configuration in consultation with the Authority.
- (P) The access control system will use dual technology (proximity and microchip) type readers and will be capable of reusing all existing cards presently distributed across the Authority. Volume level of the tones emitted by the card reader will be adjustable and will be suitable for quiet environments. Card readers will also have will have a silent operation capability.
- (Q) The access control system will be compatible with the Authority's existing systems to allow existing Authority cards to work on the system and allow new cards for the Facility to work on systems in the rest of the Authority's region. Provide base programming and coordination with the Authority.
- (R) Provide all necessary equipment, hardware, network Infrastructure and programming as required to establish interconnectivity and seamless Interface with the existing head-end equipment.

- (S) Provide one thousand (1000) blank HID Corporate 1000 proximity cards with smart technology for Authority staff. Consult with the Authority on card numbering sequence and format before ordering cards to ensure compatibility with existing cards and equipment.
- (T) Provide delayed egress operation and alarms at emergency exit doors; alarms to annunciate audibly locally and via the Integrated access system. See Appendix 3E [Door Operations Matrix].
- (U) Interconnect and Interface all electronically controlled doors for remote “lock & unlock” capability through the access control system on a door-by-door or global command basis.
- (V) Provide clear signage indicating entry procedures. Consult with the Authority for appropriate and acceptable wording.
- (W) All security alarms will be logged and archived. Logging system will be capable of external archiving/backup in order to extend the event info storage duration.
- (X) Access control system will provide canned reports and custom reporting capability as defined during consultation with the Authority.
- (Y) Provide interconnection access to the applicable control and reporting platform to security workstations located in the security offices.
- (Z) Provide a maintenance / administration workstation (MAW) PC complete with operating & application Software, monitor, keyboard, mouse and interconnection to the security system. Locate MAW in MCR data room, accessible to authorized personnel and Authority staff.
- (AA) Determine, in consultation with the Authority and per Appendix 3E [Door Operations Matrix], the location of access control doors and door alarms within the Facility. Provide card readers, locking hardware, request-to-exit devices, door closers, door position/alarm contacts with all associated mechanical and electric hardware and field devices, including power supplies for a fully operational system.
- (BB) Following consultation with the Authority, provide combination pin code/proximity card readers at all access/egress locations to/from all strictly controlled areas identified by the Authority, such as:
 - (i) ambulance entrance(s); and
 - (ii) ambulance patient transport locations.
- (CC) Combination pin code / proximity card readers will be fully Integrated into the Facility’s access control platform (stand-alone, non-Integrated pin pads are not acceptable). Combination pin code / proximity card readers will facilitate access by the following methods:
 - (i) pin code only;
 - (ii) card read only; and

- (iii) pin code and card read.
 - (DD) Provide pan / tilt colour video intercom communications between the secure side of main entry doors and reception / care stations in departments and areas that are strictly controlled. Provide momentary remote pushbutton operation to release main entry doors when activated by staff or security personnel. Integrate the video intercom system with the access control system as required.
 - (EE) All delayed-egress doors intended for emergency use only will be alarmed locally at the carehub and collaboration desk, and at the protection services monitoring stations via the access control system. Alarms will be silenced through use of a keyswitch that will be integral to the panic hardware.
 - (FF) In MH inpatient units, provide two access controlled doors between interior patient accessible areas and exterior unsecured space.
- (d) Fixed Panic System
- (1) Basic Requirements
 - (A) Provide a new fixed panic system for the Facility.
 - (B) Provide new fixed panic field devices, pathways, wiring, control panels, network equipment and all supporting Infrastructure.
 - (C) Not used.
 - (D) The intent at the completion of capital works is that the new fixed panic system in the Facility supports the entire Facility.
 - (E) The fixed panic system will provide staff with the ability to either discreetly or overtly initiate a call for assistance.
 - (F) The fixed panic system will indicate the exact location of the call on a local protection services office workstation, the Security Dispatch Centre, and transmit a message to the staff communication system.
 - (G) The access control system will be utilized for integrating the fixed panic system.
 - (2) Performance Criteria
 - (A) Fixed panic system buttons will be strategically located, suitably sized, clearly identified, suitable for application, and require key to reset.

- (B) Provide fixed panic system buttons for staff to initiate emergency assistance calls in areas of the Facility as determined in consultation with the Authority, including but not limited to:
- (i) main lobby reception/security kiosk;
 - (ii) each department nurse station and substation;
 - (iii) care/sub-care station reception desks;
 - (iv) medication rooms;
 - (v) pharmacy;
 - (vi) each interview room;
 - (vii) imaging exam rooms (including but not limited to general radiology, CT and ultrasound);
 - (viii) decontamination room;
 - (ix) all triage desks;
 - (x) trauma rooms;
 - (xi) parkade, parking lots and parkade booth (locate so that a button is within 30 meters of a person anywhere in the parking lot /parkade; parking lot duress alarms may be located on light poles);
 - (xii) gift shop;
 - (xiii) patient information desk;
 - (xiv) patient admitting;
 - (xv) in and outpatient clinics;
 - (xvi) cash offices;
 - (xvii) health records; and
 - (xviii) secure rooms.
- (C) Upon activation of a fixed panic button a signal will identify the exact location of the event while providing the name of the device that initiated the alarm on mapping Software located at the Security Dispatch Centre, specified care stations and Facility protection services offices, while simultaneously annunciating a voice message on security radios. A local audible and visual alarm will be annunciating so that it may be seen and heard by staff throughout certain areas as determined by the Authority during the duress system design.

- (D) The fixed panic system will Integrate with the access control system and intrusion detection system to activate alarm notifications on these systems. Provide all middleware and converters required to Interface the intrusion and access control systems with the fixed panic system.
 - (E) The fixed panic system will be hard-wired and supervised such that a trouble / error message will be reported to both Project Co and protection services.
 - (F) The entire fixed panic system will be supervised for the following:
 - (i) power loss;
 - (ii) system trouble;
 - (iii) communication loss; and
 - (iv) wiring and button (including short, ground fault, open circuit).
- (e) Intrusion Detection
- (1) Basic Requirements
 - (A) Provide a new intrusion detection system for the Facility.
 - (B) Provide new intrusion detection field devices, pathways, wiring, control panels, network equipment and all supporting Infrastructure.
 - (C) Not used.
 - (D) The intent at the completion of capital works is that the intrusion detection system in the Facility supports the entire Facility.
 - (E) Intrusion detection systems will be installed in all areas where protection of physical assets is deemed critical by the Authority.
 - (2) Performance Criteria
 - (A) The intrusion detection system(s) will utilize industry proven devices for intrusion alarm detection and reporting capable of 24 hours per day, seven days per week continuous operation, with a minimum of 8 hours battery backup operation in the event of power outages.
 - (B) Provide intrusion detection system(s) including alarm controllers, local keypads, motion sensors, shock sensors, glass break sensors, door contacts, strobes, sirens and other alarm initiating devices as needed for a reliable and fully operational system(s).
 - (C) Control each system with keypad(s) located inside the department or area being protected.

- (D) Local alarm controllers will be Integrated with the Authority's existing intrusion monitoring system which resides in the Security Dispatch Centre. The intrusion alarms will report to the access control system with its own phone line through a dedicated telephone line and be backed up over the LAN / WAN.
 - (E) Install intrusion detection systems in all areas where protection of physical assets is critical including:
 - (i) pharmacy and narcotics rooms;
 - (ii) office suites (human resources administration, etc);
 - (iii) health records storage;
 - (iv) stores (shipping/receiving);
 - (v) cash offices; and
 - (vi) areas designated as high risk by the Authority.
 - (F) Intrusion alarm system and all associated alarm panels must be compatible and remotely programmable from existing Authority system equipment.
 - (G) The intrusion alarm system will Integrate with the radio system to automatically broadcast voice messages to all protection services radios. The voice message will indicate the specific department area from which the call was initiated. Provide all middleware and converters required to Interface the radio system with the intrusion alarm system.
- (f) CCTV
- (1) Basic Requirements
 - (A) Provide a new CCTV system for the Facility.
 - (B) Provide new CCTV field devices, pathways, wiring, control panels, network equipment and all supporting Infrastructure.
 - (C) Not used.
 - (D) The intent at the completion of capital works is that the CCTV system in the Facility supports the entire Facility.
 - (E) Provide CCTV throughout the Facility, parkade and exterior areas for the purpose of viewing and recording video to enhance the level of security and assist Authority staff in providing a safe environment for patients, staff, visitors and the general public while protecting the physical assets. With respect to CCTV coverage of doors, provide as a minimum, CCTV in accordance with Appendix 3E [Door operations Matrix].

- (F) Project Co will post signage at the main entrances to the Facility. The signage as per Authority standards will notify the public that this area is under video surveillance. CCTV processes will be governed by the Public Surveillance System Privacy Guidelines.
 - (G) The system must be able to record clear images of individuals, which would allow distinction of gender, ethnicity and age category. System will provide recorded images of sufficient quality to be used as court evidence in Canada.
 - (H) Integrate all Authority CCTV cameras onto a single open architecture type platform.
 - (I) The CCTV system will allow web based access to all live recording images and all system programming from remote Authority sites.
 - (J) Interface requirements between the CCTV system and other systems are described in this Section and in other Sections.
- (2) Performance Criteria
- (A) System(s) will be a dedicated Software-based virtual matrix that Integrates to the existing Authority CCTV system using the structured cable plant for transmission and recording of images.
 - (B) Provide the appropriate encoding / decoding capability to support 2 way (video and control) communications with any and all CCTV camera, individually and/or in predetermined clusters via the Authority network.
 - (C) Provide video storage capacity for minimum of 30 days at 15 frames per second, minimum HD (1920 x 1080p) resolution. The CCTV system will have the option of recording each camera at various resolution levels and FPS depending on use and location, as well as by schedule or event. Provide file Servers, workstations, and optical storage devices and connect to network. The system will have activity detection and incorporate smart search capabilities. Playback speed will be capable at 5x normal rate. During alarm conditions, allow for higher recording rates.
 - (D) CCTV display and review system will be network-based client application allowing for authorized users to remotely view, control and manage all aspects of the CCTV system across the network. System will have network and web access for remote monitoring, using predefined user authentication.
 - (E) Display and review for all the cameras will be accessible through dual screen workstations located in the Security Office and Security Dispatch Centre. Provide CCTV workstations with all required operating and application Software, monitors, keyboard, mouse, joystick control with interconnection to security system network.

- (i) Indoor cameras will be fixed type, capable of facial recognition, colour, high-resolution, high sensitivity (day / night), smoke dome type with an auto iris and zoom capability. Mounting will be appropriate for the environment, unobtrusive, matching colour with hidden cabling. Fixed cameras will be vandal resistant wall mounted and/or mounted at protective locations and heights.
 - (ii) Outdoor cameras will be pan-tilt-zoom (PTZ) colour dome cameras, high resolution, capable of minimum 35x optical zoom, high-speed with low light day / night operation capability with 360 degrees rotation in less than 3 seconds. Domes will mount on poles, parapets and walls located to provide optimum unobstructed viewing of the area under surveillance. PTZ cameras will have the ability to mask portions of view through Software and remote programming.
 - (iii) Outdoor cameras will be complete with weatherproof housing and internal heater/ defroster / blower / wiper as required for suitable operation under varying environmental conditions.
 - (iv) Cameras will not be set up in private areas such as patient rooms, treatment rooms or clinical areas (unless specifically identified for use by clinical department staff), locker rooms or washrooms. Cameras will not be placed or reviewed for the purpose of observing work performance of employees.
 - (v) Provide a local CCTV system (without recording capability) for monitoring of Safe / Secure Rooms.
 - (vi) CCTV clinical activity monitors will be located out of public view as required to protect privacy.
 - (vii) Provide controller at security office to view and control all PTZ CCTV cameras.
 - (viii) Provide 2 workstations located at the Security Dispatch Centre complete with virtual matrix controller and 4x42" 1080p monitors. Integrate these monitors with the existing system to permit remote supervision of the Facility.
 - (ix) Provide megapixel cameras in consultation with Authority to capture appropriate identification footage.
 - (x) All entry and exit points to departments and associated areas require recorded video surveillance Integrated to the CCTV security system as identified in Appendix 3E [Door Operations Matrix]. Where required by the Authority, provide video monitors for department staff to monitor local CCTV cameras associated with the department.
- (F) Provide CCTV equipment to monitor and record the identity of all persons entering and exiting the Facility's main entrances, corridor / links and utilizing elevators in strictly controlled high risk departments and associated areas, as identified in consultation with the Authority.

- (G) Provide CCTV cameras at locations determined in consultation with the Authority, including:
 - (i) main entrances & exits to the Facility;
 - (ii) entrance and exit corridors to all departments;
 - (iii) public lobbies and waiting areas;
 - (iv) pharmacy and associated entry doors;
 - (v) narcotic vaults;
 - (vi) perinatal;
 - (vii) loading docks;
 - (viii) inside all elevators and elevator lobbies;
 - (ix) parkade entrances and exits, including stairwells, exterior locations and parkade levels for viewing parking areas;
 - (x) perimeter walkways and walkways connecting to other building(s) on-site;
 - (xi) public thoroughfares and walkways;
 - (xii) gift shops;
 - (xiii) cafeterias;
 - (xiv) cash offices or areas where cash is exchanged; and
 - (xv) all mental health and addiction services areas.
- (H) MH departments will include recorded and non-recorded (clinical) CCTV coverage.
- (I) MH non-recorded CCTV coverage will be monitored locally at the care hub. The non-recorded areas will include:
 - (i) any patient accessible common areas;
 - (ii) rooms not directly observable from the care team station;
 - (iii) interview / consultation rooms; and
 - (iv) secure rooms provide clinical activity camera coverage.
- (J) Emergency Department will include recorded and non-recorded (clinical) CCTV coverage. Areas in which CCTV is employed will have 100% CCTV coverage.

- (K) Emergency Department non-recorded CCTV coverage will be monitored locally at the care hub. The non-recorded areas will include seclusion rooms.
- (g) Patient and Infant Wandering Systems
- (1) Basic Requirements
 - (A) Provide a patient wandering control system for control of perimeter doors for each inpatient unit.
 - (B) For all elevators providing access to patient care areas, the elevator shall not operate when an infant abduction tag or patient wandering system tag is present in the elevator cab.
 - (C) Provide active RTLS tags, including ID bands/bracelets, infant specific and staff badges. Exact types to be confirmed during detailed Design phase with clinical stakeholders.
 - (D) Provide a quantity of tags as follows:
 - (i) 200 patient wandering tags
 - (ii) 100 infant abduction tags
 - (iii) 200 staff / companion tags
 - (E) The system must operate via a common Server..
 - (2) Performance Criteria
 - (A) At each inpatient department door, provide a patient wandering exciter array that will be Interfaced with the access control system such that a 'lock-down' of a door can be initiated automatically upon local detection of patient wandering or infant abduction tags.
 - (B) Provide a local keypad at each patient wandering exciter door for override by authorized staff members. Local override can also be accomplished by detection of a staff/companion tag at the same exciter door location.
 - (C) The patient wandering system will Interface with applicable elevators such that these elevators will not operate when an unaccompanied tagged patient is present in the elevator cab. The elevator inhibit feature will not operate when the patient is accompanied by an authorized companion or staff tag, or a keypad override is used.
 - (D) The system will incorporate latest encryption techniques to secure patient ID and location from public access.
 - (E) Provide a PC based application that will provide a presentation of patient locations by superimposing positional data on a Facility / Existing Hospital floor plan and providing patient tag based information.

- (F) Provide dedicated workstations at each inpatient unit care station and at the security monitoring station which can assign tags and annunciate alarm locations.
- (G) Each department utilizing the patient wandering system will be provided with a wireless patient tracking tag test device that audibly and visually indicates on a pass / fail basis the functionality and battery life of the patient tracking tag. The testing device will be a closed loop device / station that allows for full functional testing without activating the Facility / Existing Hospital patient tracking alarm system and will provide audit function as required.
- (H) All tags to report on battery status in real-time and be rechargeable.
- (I) Provide tags and battery types that last 6 months minimum based on average usage scenarios.
- (J) Patient and infant tags to provide real-time battery status feedback.

8. SITE, INFRASTRUCTURE, AND LANDSCAPE SUBGROUP SPECIFICATIONS

8.1 Exterior Improvements

- (a) Aggregate Base Courses
 - (1) Basic Requirements
 - (A) Utilize granular base for stability of surface treatment through freeze thaw cycles and for its ability to store rainwater. Base material to meet City of Yellowknife 20mm minus – select granular base, or approved equal.
 - (2) Performance Criteria
 - (A) Exceed limits defined by regional average freeze thaw cycles averaged over a twenty year period.
- (b) Asphalt Paving
 - (1) Basic Requirements
 - (A) Utilize asphalt paving in areas where vehicle traffic and snow clearing equipment require a smooth surface for travel.
 - (2) Performance Criteria
 - (A) Asphalt mix is to be suitable for use in climatic conditions found at the site. Asphalt will meet or exceed standard City of Yellowknife requirements.
 - (B) Pavement structure thicknesses will be as required by Project Co's geotechnical engineers, based on assessment of specific site conditions, but in no case will be less than 60mm.
- (c) Concrete Paving

- (1) Basic Requirements
 - (A) Utilize concrete paving in areas that require firm, long lasting hard surfaces for activities such as pedestrian pathways, loading docks and Facility entrances.
 - (B) Stamped concrete to be smooth finish and will not impede accessibility.
 - (C) Coloured concrete in contrasting grey and white tones is preferred treatment of displaying accessible routes.
 - (D) In areas with large expanses of concrete, pattern should be used. A combination of saw cuts and shades can be combined to create an abstract pattern, deriving from the surrounding native landscape.

- (d) Concrete Curb & Gutter
 - (1) Basic Requirements
 - (A) Utilize barrier face curb and gutter around parking area perimeter and adjacent to new road ways.
 - (2) Performance Criteria
 - (A) Curb and gutter will meet or exceed standard City of Yellowknife requirements.
 - (B) Avoid irregular geometry configurations and minimize projections and bulbs to minimize damage to curbs during snow removal operations.

- (e) Prevailing Winds
 - (1) Basic Requirements
 - (A) Protect pedestrians at Facility entrances and high activity pedestrian areas from the negative effects of the prevailing winds.
 - (2) Performance Criteria
 - (A) Design and install the landscape with trees, shrubs, hedges, fencing, walls or other elements to protect pedestrians from the north western winds in winter and other prevailing winds that would impede operation of doorways or create drafts into the Facility. Undertake an environmental wind and snow study.

- (f) Landscape Retention and Protection
- (1) Basic Requirements
- (A) Minimum 50% of the existing landscape is to be retained where it does not conflict with development or grading of the Lands. This includes areas of natural rock outcrops, ground covers, shrubs and trees. Areas of vegetation that will be retained must be protected during Construction.
 - (B) To reinforce the image of a well-established landscape, retention and incorporation of natural rock outcrops, ground covers, shrubs and trees must be incorporated into the development the Lands.
 - (C) To help mitigate cost of shipping larger caliper plants and to ensure plants are acclimated to local conditions, healthy plant material that is to be removed should be relocated to new green spaces surrounding the Facility. This includes spaces such as courtyards, therapeutic gardens, staff retreats, play areas, entrances etc.
- (2) Performance Criteria
- (A) Engage a certified arborist (licensed with the International Society of Arboriculture – ISA) to evaluate the existing trees to remain.
 - (B) Treat the retained trees as directed by the arborist and under the direct guidance of the arborist (e.g. root pruning, spiral pruning, watering, fertilizing).
 - (C) As trees are of smaller caliper in Northern landscapes, the importance of all existing trees, shrubs, and ground covers together as existing landscape ecosystems should be protected and preserved as outlined in the Canadian Nursery Landscape Association (CNLA). At a minimum orange snow fence on T-Bars 1.5m (5') high at outer limit of root zones.
 - (D) Trees, vegetation, ecosystems and landscapes that will be retained must be surrounded by protective fencing as defined by the CNLA.
 - (E) No excavation, storage of materials, parking, vehicular driving, preloading, or filling will occur within the critical protection zone of the landscapes being preserved.
 - (F) Tree replacement requirements:
 - (i) If a tree of over 300mm diameter at breast height is identified on-site, Project Co is encouraged to preserve the tree in its present location without damage to the root structure.
 - (ii) If it is deemed necessary to remove a tree of over 300mm diameter at breast height, standard arboriculture processes for tree compensation will be used. The standard process for tree compensation can be reviewed here: International Society of Arboriculture, Guide for Plant Appraisal 9th Edition, Council of Tree & Landscape Appraisers, 2000, or similar.

- (iii) Replacement trees will be specimen trees and must have a minimum caliper of 14 cm (5.9 in.) in diameter at breast height for deciduous trees, or 3.0 m ht. for coniferous trees.
 - (G) Provide tree wells and/or creative grading of the ground away from existing vegetation to remain. Where tree wells are to be constructed, the wells must be a minimum distance of 1.5 times the distance from the trunk of the tree to the drip line.
 - (g) Outdoor Art
 - (1) Basic Requirements
 - (A) The Master Site Plan will include areas for outdoor art/sculptures.
 - (2) Performance Criteria
 - (A) Provide areas for outdoor art.
 - (h) Trees, Shrubs and Groundcover
 - (1) Basic Requirements
 - (A) Provide plantings to support the landscape design by reinforcing spatial relationships and way-finding. The plant selection and placement will address micro-climates surrounding the Facility and mitigation of heating and cooling loads. Planting will shade and screen parking lots. Planting will provide habitat for birds and other animals.
 - (B) Provide landscape treatments for the complete Lands that contributes to the creation of a livable, healthy and responsive community.
 - (C) Use large caliper deciduous trees and evergreen trees that provide seasonal interest in association with ground covering shrub plantings. Use a variety of plant material to reflect seasonal change. Appropriate trees include: Black and White Spruce, Jack Pine, Paper Birch, Dwarf Birch, Tamarack, Trembling Aspen and Balsam Poplar.
 - (D) Use similar plant species to create a visual relationship with the surrounding natural character, create recognizable spaces, contribute to site orientation and create a strong sense of place, recognizing that a diversity of tree species may increase the survival ratio of new landscaping.
 - (E) Use of indigenous flora will be considered a priority, in terms of minimizing maintenance and expressing the local ecosystem and microclimates.
 - (i) Proponents shall refer to Appendix 1 – Plant Species List, as referenced from Ecosystem Classification Group, 2008, Ecological Regions of the Northwest Territories – Taiga Shield, Department of Environment and Natural Resources, Government of the Northwest Territories, Yellowknife, NT, Canada, viii+146pp.+insert map.

- (F) Landscape open space and setbacks to include existing trees that are of high quality, desirable species and appropriately situated.
- (2) Performance Criteria
- (A) All planting is to be per CNLA.
 - (B) Trees to be no smaller than 4.5 cm cal for deciduous shade trees, 2.0 m ht. for ornamental/understory trees and 1.0 m ht. for coniferous trees upon installation.
 - (i) The City of Yellowknife Zoning Bylaw No. 4404 planting sizes quoted in Part Seven Development Standards, 7.1 Rules Applicable to All Zones, (2) Landscaping Requirements, paragraph (f) shall be used as part of this project.
 - (C) Shrubs will be no smaller than #1 pot size upon installation.
 - (D) Plants must be grown in the container for a minimum of three months or have a well-established root system reaching the sides of the container to maintain a firm ball.
 - (E) Landscape treatment and circulation routes must be in accordance with Section 4.2(a)(10).
 - (F) To ensure safety and security, sightlines must be provided through any cluster of tall growing vegetation by keeping all under story plants to a maximum of 1.2 m (3.9 ft.) in height.
 - (G) 100% of the total numbers of plants on the Lands are to be native to the Yellowknife climate zone.
 - (i) Proponents shall refer to Appendix 1 – Plant Species List, as referenced from Ecosystem Classification Group, 2008, Ecological Regions of the Northwest Territories – Taiga Shield, Department of Environment and Natural Resources, Government of the Northwest Territories, Yellowknife, NT, Canada, viii+146pp.+insert map.
 - (H) Use some flowering and fruiting shrubs to promote natural avian habitat. Optional shrubs might include: Black Currant, Bog Rosemary, Crowberry, Ground Juniper, Labrador Tea, Mountain Cranberry, Prickly Wild Rose, Silverberry, Soapberry, and Willow.
 - (I) The trees on the Lands will be a combination of species to highlight the differences between sizes and textures of the native palate.
 - (J) Do not install any plants listed as poisonous to humans by the Canadian Government's 'Canadian Poisonous Plants Information System'.
 - (K) Group plants to minimize the use of water, chemicals and fossil fuel use for routine maintenance and to promote a healthy local ecosystem using sustainable measures.

- (L) Provide elements of healing gardens in the courtyards and close to Facility entries to stimulate senses of sight, smell and touch.
 - (M) Shrubbery within 2 m of walkways will not exceed 50 cm in height.
 - (N) Trees planted in narrow planting areas (e.g. 'street trees') between hard surfaces (e.g. curbs, sidewalks, roads, buildings) will have a continuous volume growing medium available to their roots along the length of the planting area (i.e. no tree pits). Minimum widths of planting areas to be 1.5 m, but wider planting areas are encouraged.
 - (O) Trees will be planted in areas that will provide root zone access to a volume of growing medium sufficient to support proper growth. This may include linear tree trenches, structural soil beneath pavement or other means necessary to provide ample growing medium. Provide soil volume per tree as follows:
 - (i) 5 cubic metres for small trees;
 - (ii) 10 cubic metres for a medium-sized tree; and
 - (iii) 20 cubic metres for a large tree.
- (i) Utility Visibility
- (1) Basic Requirements
 - (A) Locate refuse/recycling areas, shipping, loading or utility areas, satellite dishes, and other similar structures, such as outdoor vents, mechanical equipment, or transformers out of view from streets and from adjacent properties.
 - (B) In cases where the above items cannot be located out of view, they must be screened out of view from streets and from adjacent properties.
 - (C) Garbage and recycling bins must be easily accessible, and contained within roofed/walled enclosures or screened from public view and from adjacent properties.
 - (2) Performance Criteria
 - (A) Refuse/recycling areas, shipping, loading or utility areas, satellite dishes, and other similar structures, such as outdoor vents, mechanical equipment, or transformers must be screened out of view from streets and from adjacent properties using hedging, shrubs, trees, fencing or walls.
 - (B) Garbage and recycling bins must be easily accessible, and contained within roofed/walled enclosures, or screened from public view and from adjacent properties using hedging, shrubs, trees, fencing or walls.
 - (C) Bury electrical wires.

8.2 Landscape

- (a) Outdoor Open Space
 - (1) Basic Requirements
 - (A) Provide outdoor spaces in the Design of the Facility to accommodate activities.
 - (2) Performance Criteria
 - (A) Provide outdoor spaces in the Design of the Facility to accommodate activities, including:
 - (i) space and hard landscape elements conducive to healing and recovery that may be used as a component of physical and occupational therapy. If furnishings (benches, tables, chairs, waste receptacles) are included, these should be of appropriate design for those with physical challenges;
 - (ii) space which acts as the main entry of the Facility which will be fully accessible to the public with strong connections to the site and the neighbourhood;
 - (iii) space to accommodate semi-public/private activities; and
 - (iv) spaces for activities including patient/family visiting, staff breaks/retreats.
 - (B) Provide access to the outdoor spaces from the public areas of the hospital.
- (b) Therapeutic Gardens
 - (1) Basic Requirements
 - (A) In addition to general outdoor spaces, provide distinct, separate therapeutic gardens to accommodate programmed and unprogrammed activities, as follows:
 - (i) staff therapeutic garden, general therapeutic garden and a children's therapeutic garden (to include a variety of play options). If required, these spaces may be combined, but must have distinct and recognizable zones for the different uses they provide.
 - (2) Performance Criteria
 - (A) The general specifications in this Section 8.2(b)(2) will apply to all the therapeutic gardens.

- (B) Project Co will design the therapeutic gardens:
- (i) to provide a sense of control:
 - 1) provide a variety of spaces from which to choose;
 - 2) provide fixed furniture and mobile furniture; and
 - 3) promote a sense of security and safety.
 - (ii) to provide for social support:
 - 1) provide areas with seating to encourage conversation;
 - 2) provide areas of refuge; and
 - 3) provide areas for meditation, contemplation and reflection.
 - (iii) to provide for physical movement and exercise
 - 1) provide a variety of different activities;
 - 2) provide easy wayfinding;
 - 3) provide a variety of longer and shorter pathway loops for strolling and exercise;
 - 4) no pathway is to have dead ends;
 - 5) utilize walkway edging to prevent those using wheelchairs from rolling into planting beds;
 - 6) walkways will be a minimum 1.5m in width and will have a surface that accommodates patients with intravenous equipment, gurneys and wheelchairs or walkers;
 - 7) provide a minimum of one handrail between the entrance to any garden (from the interior of the Facility) and a seat for patients experiencing difficulties with strength or balance; and
 - 8) pavement expansion joints to be no more than 1/8" in width to prevent the wheels of IV poles getting caught and stuck.
 - (iv) to provide access to nature and positive distractions
 - 1) gardens are to be incorporated as an integral extension of the hospital interiors, linking its internal spaces to view vistas of the exterior greenspace;
 - 2) gardens are to be visible from at least one well-used interior area (unless otherwise noted below);
 - 3) incorporate visibility and visual interest both into and out of the garden;

- 4) provide adequate signage within the Facility to alert people of the gardens;
 - 5) gardens are to be fully accessible with automatic doors and low entry lips to facilitate wheelchair access;
 - 6) gardens are to be unlocked during daytime hours (as determined by hospital staff);
 - 7) provide artwork including 'found elements' of art that provide visual distraction;
 - 8) provide plant material that attracts birds and provides seasonal interest;
 - 9) design elements that stimulate the senses and create an atmosphere of peace, such as reflecting pools;
 - 10) provide visual relief and interest in vertical and horizontal dimensions;
 - 11) provide bright colours; and
 - 12) provide visual vistas of nature/landscape elements viewable to patients who are confined to their rooms.
- (v) to minimize intrusive stimuli:
- 1) gardens must have sheltered locations from the wind;
 - 2) provide some gathering/seating areas that are sheltered from the sun and rain;
 - 3) surfaces must reduce glare (e.g. integral coloured, stained/ tinted concrete);
 - 4) seating material to be constructed of warm, comfortable material that does not get excessively hot or cold (e.g. wood) and facilitates the shedding of water. Avoid the use of concrete, aluminum & steel seats;
 - 5) seating must be designed to accommodate the mobility challenged and include back and arm rests;
 - 6) take measures to reduce or cover up loud or repetitive man-made sounds (e.g. by providing running water);
 - 7) locate gardens to avoid unpleasant odours and smoke;
 - 8) design gardens to avoid bright lights;
 - 9) all selected plant material shall not cause serious harm to humans if ingested (eg. Red Baneberry, *Actaea rubra*);

- 10) all selected plant material shall take into consideration the plant location in relation to potential issues of contact dermatitis, rash or skin inflammation if handled (eg junipers, *Juniperus spp.*, roses, *Rosa spp.*);
 - 11) species that create high levels of pollen may be used; and
 - 12) the Authority reserves the right to reject proposed species at any time due to known adverse reactions to patients and staff.
- (vi) as gardens and not paved courtyards:
- 1) gardens are to be green, reflecting the surrounding native landscape, with a minimum ratio of planted areas to hard surface areas of 7:3. Higher ratio of plants and landscape features are acceptable;
 - 2) stimulate the senses of sight, sound, smell and touch, however, smells of an extraordinarily strong or offensive manner should be avoided;
 - 3) provide natural lighting and sounds;
 - 4) design with an emphasis on natural features such as plants, rocks, wood and water; and
 - 5) provide at least one hose bib in each therapeutic garden regardless of whether an automatic irrigation system is supplied as part of the design.
- (vii) to minimize ambiguity:
- 1) provide a well-defined and inviting garden entrance;
 - 2) provide a design that is easy to interpret by the majority of people; and
 - 3) avoid the use of abstract art; the use of art provided by local or regional artists is encouraged.
- (C) To supplement the general specifications identified above, the following Sections 8.2(b)(2)(D) to 8.2(b)(2)(F) set out specific requirements for each of the outdoor therapeutic gardens at the Facility.
- (D) Design the staff therapeutic garden so that it:
- (i) provides staff outdoor resting areas in close proximity to the Facility;
 - (ii) provides visual privacy from public and patient care areas so staff does not have to mingle with patients on their breaks;
 - (iii) is at least 100 m²;
 - (iv) has moveable furniture; and

- (v) includes tables and chairs, with seating for at least 15 people.
- (E) Design the general therapeutic garden / exterior social space at each wing to be accessible to the general population of the hospital including patients, staff and visitors. Each general therapeutic garden will:
- (i) be highly visible from a nursing station as well as well-populated areas of the Facility;
 - (ii) have continuous glazing to provide daylight to all spaces or circulation zones adjacent to the garden;
 - (iii) be at least 200 m²;
 - (iv) include tables and chairs, with seating for at least 20 people;
 - (v) include an integrated interpretive signage system;
 - (vi) respect Northern Aboriginal culture as follows:
 - 1) consult with Northern Aboriginal representatives, as designated by the Authority, during the design phase, the installation phase and the maintenance phase of the general therapeutic garden;
 - 2) incorporate cultural elements such as wood and rock sculpture and wood poles and indigenous plants used for traditional healing;
 - 3) provide some edible indigenous plants;
 - 4) provide a plaque acknowledging traditional Northern Aboriginal territory; and
 - 5) provide resting places that promote enjoyment and education of Northern Aboriginal culture.
 - (vii) reference local history and heritage by incorporating cultural and historical references to the local history and heritage of the local community (unique to the hospital).
- (F) Design the primary accessible play / outdoor recreational space to be accessible to the general population of the hospital including patients, staff and visitors. Each general therapeutic garden will:
- (i) be highly visible from a nursing station as well as well-populated areas of the Facility;
 - (ii) have continuous glazing to provide daylight to all spaces or circulation zones adjacent to the garden;
 - (iii) be at least 200 m²;
 - (iv) include tables and chairs, with seating for at least 20 people;

- (v) include an integrated interpretive signage system; and
 - (vi) include a variety of equipment to entertain a wide range of children of varying ages and abilities.
- (c) Site Slopes and Retaining Walls
- (1) Basic Requirements
 - (A) Site grading is to provide positive drainage throughout the Lands(except where required for storm water detention/retention).
 - (B) Site grading is to avoid over-steepened slopes on the Lands that cannot hold growing medium and plants.
 - (C) Retaining walls to be architecturally finished.
 - (2) Performance Criteria
 - (A) Minimum gradients (e.g. 2%) are required to avoid ponding throughout the Lands except where required for storm water detention/retention.
 - (B) Steep slopes are to be no steeper than 2:1 and finished with growing medium and plant material. Prohibit riprap on slopes.
 - (C) Slopes steeper than 2:1 are to be retained using architecturally-finished retaining walls (e.g. cast-in-place concrete, precast concrete). Prohibit gabion baskets and lockblock walls on the Lands.
- (d) Street Furniture
- (1) Basic Requirements
 - (A) Unify the exterior ground plane treatment through the use of common paving materials, tree grates, lighting and other landscape furniture items.
 - (B) Provide and coordinate design for street furniture, including benches provided at regular intervals for ease of use particularly for the infirm.
 - (C) Where possible use exterior steps and landscape features for the enjoyment of staff and visitors.
 - (D) Seating in public areas must: be ergonomically designed for a variety of people; be designed to allow a wheelchair to sit alongside fixed seating or, where tables are provided, to allow a wheelchair to pull up to each table; have a minimum of 5% with backrests; a minimum of 5% with armrests; and shed rain water.
 - (E) All outdoor lighting in therapeutic and staff gardens must be decorative and low level lighting features where gardens are visible from public indoor or patient rooms.

- (2) Performance Criteria
 - (A) Unify the ground plane treatment through the use of common paving materials, tree grates, lighting and other landscape furniture items.
 - (B) Seating areas with benches will be located throughout the Lands no more than 70 m apart from each other. Select products on the basis of safety, comfort, design and materials that relate to the Facility architecture and landscape design, durability and required maintenance.
 - (C) Select products for their suitability and durability in the climatic conditions found at the Lands.
 - (D) Utilize a variety of scales, locations and orientations of seating areas and site furnishings to cater to varied outdoor activities and varied experiences of the staff and visitors.

- (e) Existing Landscape Features
 - (1) Basic Requirements
 - (A) Existing landscape features should be retained and incorporated into the therapeutic gardens to a reasonable extent.
 - (B) Where it is not possible to retain a natural feature or planting area, attempts should be made to retain the existing plants with anticipation of transplanting and reusing the existing material in the new garden spaces.
 - (C) Existing landscape features should be utilized as part of the overall site conditions and be used in the design of outdoor features such as gardens and parking areas.

 - (2) Performance Criteria
 - (A) Existing landscape areas should maintain a native appearance when complete and compliment the surrounding environment.
 - (B) Therapeutic garden spaces should celebrate the native landscape palate and utilize a combination of local plant material and hard elements such as rock.
 - (C) Where existing landscape features are utilized in the development of gardens and parking areas, the transition between zones will be seamless.

**Government of the Northwest Territories
Stanton Territorial Health Authority**

Stanton Territorial Hospital Project

APPENDIX 3A - Clinical Specification

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0.0 Executive Summary

0.1 Introduction

The Stanton Territorial Health Authority (STHA) provides acute secondary, tertiary and other specialized health care services to residents of the Northwest Territories and Kitikmeot Region of Nunavut from a number of locations in Yellowknife. Stanton Territorial Hospital is the largest facility in the authority.

The Stanton Territorial Hospital opened in 1988. Technical renewal is considered a priority in terms of providing a safe and comfortable environment that meets applicable code requirements and standards; however, program renewal is also necessary for the delivery of services within the hospital and associated STHA facilities.

This Appendix 3A is the Clinical Specification. This document reflects the Functional Program delivered in conjunction with the Indicative Design, the 2013 Schematic Design Program and Planning Study. As such, it includes data that will directly and indirectly influence the design decisions, with the purpose of the document being to outline and describe overall Functional Planning Assumptions, and detailed spatial requirements required by the Stanton Territorial Hospital Authority to achieve the desired model of care. This document was adapted from the Program and Planning Study for the *Stanton Territorial Hospital Renewal Project: Functional Program* (Hayward and Associates LLC, March 2013).

The Clinical Specification is presented in three sections as follows:

- **Functional Program** (this document) includes the programs and services that are part of the Stanton Territorial Renewal Project — most of which will be located on the existing campus — along with the schedule of accommodation (in the Appendix).
- **Schedule of Accommodations** is a comprehensive listing of the space tables from each department.
- **Room Data Sheets** include detailed information on the rooms/areas addressed in the functional program. Each individual room or alcove is assigned a reference code that corresponds to the schedule of accommodation.

0.2 Organization of the Functional Program

Program Groupings and Facility Components

The functional groupings are organized into the ten sections of this report. The following descriptions of each grouping reflect elements of the Indicative Design:

- **Main Entry/Customer Service Centre (Section 1.0)** includes the main entrance/lobby, a newly organized Customer Service Centre, the Auxiliary Tuck Shop, and a new chapel/meditation room.
- **Diagnostic Services (Section 2.0)** —includes a newly-configured Diagnostic Centre with an outpatient intake area from which patients access the diagnostic imaging suite, a newly-organized cardiopulmonary/ ultrasound suite, or the outpatient specimen collection area; the laboratory and morgue are also addressed in this section as well as shared support space. A magnetic resonance imaging (MRI) area has also been planned for future expansion purposes, but is not included in the total space summary for Diagnostic Services.
- **Ambulatory Care Centre (Section 3.0)** —will include an Exam Treatment space, Medical Day Care Unit, and Renal Care Unit along with an Ambulatory Care Check-in area, Shared Procedure Rooms and Clinical Support Space. The three major components will be organized as follows:
 - **Outpatient Clinic.** A reconfigured Outpatient Clinic will provide flexible space for the permanent and visiting specialists and consolidate various outpatient clinics that are currently located throughout the hospital.
 - **Medical Day Care Unit.** A reorganized Medical Day Care Unit will include chemotherapy, intravenous (IV) therapy, and central venous catheter (CVC) care as well as outpatient antimicrobial therapy (OPAT) and minor procedures — thoracentesis, paracenteses, and liver biopsies.
 - **Renal Care Unit.** An integrated, territorial-wide renal care program will be established (including outpatient renal dialysis). Shelled-in spaces will be included to accommodate future program expansion.
- **Surgery and Special Procedures (Section 4.0).** A new Day Procedure Unit (DPU) will be developed adjacent to the Surgery Suite to provide efficient and coordinated pre-procedure preparation and post-procedure recovery for admit day of surgery (ADS), surgical day care (SDC), and patients undergoing endoscopies and other special procedures. **Outpatient Rehabilitation Centre (Section 5.0)** —will include physiotherapy, occupational therapy, speech language pathology, and audiology.
- **Critical Care Services (Section 6.0).** The Emergency Department (ED) and the Intensive Care Unit (ICU) will be operationally and physically integrated into a single critical care area on the first floor. Staff support space, as well as some clinical support space, will be shared between the ED and the new six-bed ICU. All patient care space will be designed for flexible use — particularly with the ability to flex for a lower level of care.
- **Inpatient Services (Section 7.0).** The renewed inpatient units are organized into general units and specialty units. Two 28-bed general units — Medical Unit and Surgical Unit— will be standardized to the extent possible to provide space that can flex for medical and surgical, patients. Specialty units will include the Obstetrics Unit, Pediatric Unit and General Psychiatry Unit.
- **Pharmacy (Section 8.0)** will be reconfigured and expanded.
- **Operational Support Services (Section 9.0)** includes an executive office suite for hospital administrative and corporate staff, and groups of offices/workstations for patient care administrative support, medical affairs, booking, and computer/information services staff space for financial services and medical travel continue to be located outside the hospital in leased space.

-
- **Facility Support Services (Section 10.0)** includes supply receiving and staging, housekeeping, the food service, medical device reprocessing, facility maintenance and operations, property and program services materials management (warehouse), laundry/linen service, biomedical engineering, computer/information services and record storage.

Document Organization

Each section generally includes the following information:

- An overview of the proposed program renewal
- Specific functional planning assumptions for each facility component within the section:
 - Description of the current situation
 - Planned scope of services
 - Hours of operation
 - Projected workload and key patient testing/treatment spaces
 - Projected staffing (headcount)
- Proposed facility reconfiguration and key spaces:
 - Facility reconfiguration concept
 - Patient access and circulation (or workflow)
 - Description of the major facility components and individual rooms/areas
 - Facility layout and design considerations
- Summary of space requirements:
 - Summary of future space need
 - Future flexibility

The schedule of accommodation is included as an Appendix and aligns with the ten functional groupings (report sections).

Additional detail on the service components (current and future state), workload and staffing projections, work flow, support services, and major equipment is provided in the operational plan.

0.3 Facility Planning Principles

The functional program and space requirements for the renewal of Stanton Territorial Hospital are based on the following key facility planning principles:

- **STH should be community-oriented, culturally sensitive, and focused on wellness.** In addition to its role as a territorial referral facility, the hospital should also be perceived as a “community centre” with a barrier-free main entrance and a welcoming reception area. All public and client care areas should be designed to provide easy access and simplified way finding to and from the main entrance. The use of natural light within the facility should be optimized (except as noted), with consideration for patient, staff and public areas. Finishes and furnishings should be selected for sound attenuation. The ambience and design should reflect the traditions and values of the local community.
- **The STH environment should be safe and secure.** The renewal of STH should facilitate customer and staff safety and infection control and the confidentiality of patient records and data should be strictly maintained. After-hours access by patients and visitors to the hospital will be restricted to the emergency department entrance such that the rest of the facility can be secured, while providing access to public elevators so that patients and visitors do not pass through the Emergency Department treatment areas, or through any other department. The reception and staff work areas throughout the facility should serve as control points to monitor access to clinical areas and access to administrative and building support spaces by patients and visitors should also be restricted. All waiting areas should be observable by a staff work or reception area. In particular, some areas within the General Psychiatry Unit will be secured and access to/from other inpatient units will be restricted as appropriate.

The availability of mechanical assistance for lifting patients and specialized facilities for bariatric patients will further promote patient and staff safety. Infection control will be improved with the ability to better isolate specific patients and separate clean and soiled materials. Moreover, the selection of interior building finishes and furnishings should be based on ease of cleaning and disinfection.

- **Advanced technology should be embraced to the extent possible.** Implementation of the electronic health record, use of enhanced telehealth technology to triage, diagnose, and treat patients remotely (as well as for communicating with specialty centres in the south), and increased automation in the laboratory, pharmacy, and other clinical support functions should be adopted when financially feasible. Wireless technology will be available for staff and customers and active and passive electronic monitoring systems will also be used within the facility.
- **Space should be multi-functional, flexible, and adaptable as programs, services, and technology evolve over time.** Programs and services that use similar resources — space, equipment, and staff — should be co-located to optimize their utilization as workloads ebb and flow: rooms used for patient examination, testing, or treatment are grouped together so they can be used by various medical specialties and testing modalities as medical practice, staffing roles and responsibilities, technology, and linkages to other health providers, change over the life of the facility; rooms that will be used infrequently (or on an episodic basis) should be designed and equipped for multiple uses; rooms and areas that accommodate similar functions should be identically sized and equipped to the extent possible — supported by the same processes and procedures across the territories; office and work areas that require staff and administrative support facilities should be arranged so they can efficiently share access to components such as reception, office equipment alcoves and washrooms.

In addition to the Main Entry Customer Service Area Washrooms, a set of Male and Female public washrooms, independent of any departments shall be located on each level, other than the main floor, and in close proximity to the public elevators.

Where rooms with planned with two sided access, the circulation shall not reduce net usable area required by program.

0.4 Application of CSA Z8000 and Special Patient Accommodations

The Canadian Standards Association (CSA) issued the Z8000-11 standard for Canadian Health Care Facilities in September 2011 — referred to as Z8000. Functional service requirements specified in Z8000 were considered a significant guide in the establishment of key space requirements, key relationships and dependences, and minimum room sizes for this Clinical Specification.

In the Schedule of Accommodation, the net square metres (NSM) for each room/area is consistent with CSA Z8000 minimum standards, with the exception of areas in which alternate sizing was required for achieving Indicative Design. In addition, relevant functional planning requirements pertaining to the number, size, and configuration of airborne isolation rooms (Clause 7.5.5), accommodations for bariatric persons (Clause 7.8.8), and secure/observation rooms and examination/safe rooms for mental health inpatients have been incorporated into this document. Specific assumptions include:

- **Airborne isolation rooms (AIRs)** are planned as follows:
 - Medical Unit and Surgical Unit — five AIR patient bedrooms are planned on each of these 28-bed units.
 - General Psychiatry Unit – One AIR patient bedroom is planned within the Inpatient Pod A.
 - Pediatric Unit — one AIR patient bedroom is planned.
 - Critical care services — one AIR high-dependency patient bedroom is planned for the Intensive Care Unit; and AIR exam/treatment room is co-located with the trauma/resuscitation room in the Acute Treatment area.
No AIR patient bedrooms will be provided in the Obstetrics Unit.
 - Facilities for protective isolation will not be provided at STH.
- **Accommodations for bariatric persons** will comply with Z8000 (Clause 7.8.8). Bariatric individuals have a body mass index of greater than 30 or a weight above 225 kg and generally need furnishings and equipment that can support their size and weight. They also require larger door openings for travel between individual spaces and more physical space for maneuvering (either via wheelchair, motorized scooter, or with staff assistance).

Bariatric patient bedrooms require a ceiling-mounted gantry patient lift and track system that extends to both sides of the bed. STH will not accommodate patients weighing over 453 kg. Specific requirements incorporated into this document include:

- Public areas — all lounges and waiting areas will accommodate at least one bariatric seat and one public bariatric washroom will be located on the first floor.
- Medical Unit and Surgical Unit — two bariatric patient bedrooms are planned on each of these 28-bed units.
- General Psychiatry Unit – One bariatric patient bedroom is planned within the Inpatient Pod A.
- Critical care services — the AIR exam/procedure room in the ED acute treatment area will also be equipped for a bariatric patient; also, the two-bay casting/suture room in the ED minor treatment area will be designed to flex to accommodate a single bariatric patient.
- Ambulatory Care Centre — two bariatric exam/treatment rooms will be located within the clinic space (one per each six exam room pod) and one of the two AIR procedure rooms will also be designed to accommodate a bariatric patient.
- Surgery suite — one operating room will be equipped with a ceiling-mounted patient lift and track system in compliance with Z8000.

-
- Other areas of the hospital — including diagnostic services and rehabilitation — will be designed and equipped to accommodate bariatric patients as suggested by Z8000 and approved by HSS.
 - **Seclusion and security.** CSA Z8000 outlines detailed technical requirements for safety and risk mitigation for mental health and addiction services (Clause 8.4.3) including specialized and acute inpatient care, psychiatric high acuity units, and outpatient services. In addition, an examination/safe room must be provided in an emergency department for patients presenting with psychosis, delirium, suicidal, or aggressive behavior. In addition to the Z8000 requirements, HSS has provided specific direction on the following types of accommodations:
 - Seclusion rooms — designed with full forensic, suicidal, and self-harm protection features for patients that are secured under the Mental Health Act and for temporary restraint when posing a significant risk of violence to staff or other occupants.
 - Security rooms — where patient egress is not restricted unless the zone is in temporary lock-down for the protection of the patient or building occupants, additional monitoring is provided, and self-harm design principles are applied.

Specific requirements incorporated into this document include:

- Medical Unit, Surgical Unit, and Pediatric Unit — two of the 20 standard patient bedrooms on each 28-bed unit will be equipped with security features as well as the procedure room on each unit.
- General Psychiatry Unit — all patient bedrooms on this 21-bed unit will be equipped with security features as well as the procedure room and seclusion rooms on the unit.
- Emergency department — one seclusion/safe treatment room is planned for the acute treatment area.

CSA Z8000 includes specific design and technical requirements for various functional services within a hospital. It is assumed that these must be considered during the design process along with infection prevention and control (Clause 7.5), occupational and health safety (Clause 7.6), safety and security (Clause 7.7), and accessibility (Clause 7.8). Design and technical requirements that do not specifically relate to the number and types of spaces required, key relationships and dependences, and minimum room sizes are not generally addressed in this document.

- **Outpatient Way finding Concept.** One goal of the renewed functional groupings is to simplify outpatient way finding at the Stanton Territorial Hospital by creating a limited number of potential “destinations” with simplified signage and minimal travel distances. Outpatients enter the facility via the hospital main entrance and immediately encounter the Customer Service Centre and associated amenities. At this point there will be three potential outpatient destinations:
 - **Diagnostic Centre**
 - **Ambulatory Care Centre**
 - **Day Procedure Unit**

Outpatients and visitors will also be directed to the Cafeteria.

0.5 Summary of Space Requirements

The component net square metres (CNSM) for each facility component — organized by the functional groupings/report sections and documented in the schedule of accommodation — is summarized in the following table along with an estimate of the component gross square metres (CGSM). The CGSM or potential “footprint” of each facility component is estimated using a net-to-gross space conversion factor. This

factor is used to estimate the amount of additional space required for internal circulation corridors, walls/partitions, the building structure, and small mechanical shafts.

Table 1 – Summary of the Schedule of Accommodation: Future Space Requirements for Program Renewal (2045)

**APPENDIX 3A
ATTACHMENT 2 -SCHEDULE OF ACCOMODATIONS**

Section	Room/Area	Factor	CNSM	CGSM	Notes
1.0 MAIN ENTRANCE/CUSTOMER SERVICES					
1.01	Main Entrance/Lobby	1.30	104.8	136.2	
1.02	Customer Service Centre	1.30	116.1	150.9	<i>updated 6/2/2014</i>
1.03	Auxiliary Tuck Shop	1.30	23.9	31.1	
1.04	Chapel/Meditation Room	1.30	36.0	46.8	
	Total (Main Ent./Customer Services)	1.30	280.8	365.0	<i>updated 6/2/2014</i>
2.0 DIAGNOSTIC SERVICES					
2.01	Outpatient Intake Area	1.50	60.2	90.3	
2.02	Diagnostic Imaging Suite	1.50	299.1	448.7	<i>updated 6/2/2014</i>
2.03	Cardiopulmonary/Ultrasound Suite	1.50	144.9	217.4	<i>updated 6/2/2014</i>
2.04	Outpatient Specimen Collection Suite	1.50	46.8	70.2	
2.05	Shared Support Space	1.50	123.7	185.6	
2.06	Laboratory	1.35	300.0	405.0	
2.07	Morgue	1.35	64.0	86.4	<i>updated 01/12/2014</i>
	Total (Diagnostic Services)	1.45	1038.7	1503.5	<i>updated 6/2/2014</i>
2.08	Magnetic Resonance Imaging	1.50	99.1	96.0	<i>MRI included as an allowance for future expansion. CGSM for MRI is not included in the total for Diagnostic Services, nor in the grand total summary.</i>
3.0 AMBULATORY CARE CENTRE					
3.01	Ambulatory Care Check-In	1.46	111.0	162.1	<i>formula corrected updated 6/2/2014 and updated 31/10/2014</i>
3.02	Exam/Treatment Spaces	1.46	345.7	504.7	
3.03	Collaborative Workspaces	1.46	351.7	513.5	
3.04	Shared Clinical Support Space	1.50	108.7	163.1	
3.05	Medical Day Care Unit	1.50	125.5	188.3	
3.06	Renal Care Unit	1.46	227.6	332.3	<i>updated 6/2/2014 and 11/12/2014</i>
3.07	Shared Support Space	1.46	68.1	99.4	<i>updated 6/2/2014 , 31/10 and 11/12/2014</i>
	Total (Ambulatory Care)	1.47	1338.3	1963.3	
4.0 SURGERY AND DAY PROCEDURES					
4.01	Surgery Suite	1.60	487.3	779.7	
4.02	Day Procedure Unit	1.55	431.9	669.4	<i>updated 6/2/2014</i>
	Total (Surgery & Special Procedures)	1.58	919.2	1449.1	<i>updated 6/2/2014</i>

5.0 OUTPATIENT REHABILITATION CENTRE	1.40	889.9	1245.9
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Re-located off-site in leased space.
updated 6/2/2014

6.0 CRITICAL CARE				
6.01	Outpatient Triage Area	1.60	228.0	364.8
6.02	Minor Treatment Area	1.60	90.3	144.5
6.03	Acute Treatment Area	1.60	301.4	482.2
6.04	Intensive Care Unit	1.55	285.5	442.6
6.05	Shared Staff Support Space	1.55	60.4	93.6
Total (Critical Care)		1.58	965.6	1527.7

updated 6/2/2014
updated 6/2/2014
updated 6/2/2014 and 11/12/2014
updated updated 6/2/2014 and 31/10/2014 and 11/12/2014
updated 6/2/2014
updated updated 6/2/2014 and 31/10/2014 and 11/12/2014

7.0 INPATIENT SERVICES				
7.01	Medical Unit	1.55	1129.4	1750.6
7.02	Surgical Unit	1.55	1129.4	1750.6
7.03	General Psychiatry Unit	1.55	980.5	1519.8
7.04	PICU removed	1.55	0.0	0.0
7.05	Obstetrics Unit	1.55	628.7	974.5
7.06	Pediatric Unit	1.55	387.8	601.1
Total (Inpatient Services)		1.55	4255.8	6596.5

updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014

8.0 PHARMACY	1.30	254.4	330.7
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9.0 OPERATIONAL SUPPORT SERVICES				
9.01	Executive Office Suite	1.30	209.0	271.7
9.02	Patient Care Admin. Support	1.30	91.7	119.2
9.03	Medical Affairs	1.30	30.9	40.2
9.05	Booking Office	1.30	14.8	19.2
9.06	Health Records	1.30	156.6	203.6
9.08	Information/Computer Services	1.30	60.5	78.7
9.09	Volunteers	1.30	25.1	32.6
9.10	Other Staff Support Space	1.30	452.5	588.3
Subtotal (Hospital Based)		1.30	1041.1	1353.4
9.04	Medical Travel Office	1.30	--	---
9.07	Transcriptionist	1.30	36.2	47.1
9.11	Financial Services	1.30	--	---
Total (Operational Support)		1.30	1041.1	1353.4

updated 01/12/2014
updated 6/2/2015
updated 6/2/2015
updated 6/2/2015
updated 6/2/2015
updated 6/2/2015
updated 6/2/2015
updated 6/2/2015
Located off-site in leased space.
Re-located off-site in leased space.
Located off-site in leased space.
updated 6/2/2015

10.0 FACILITY SUPPORT SERVICES				
10.1	Supply Receiving and Staging	1.25	162.6	203.25
10.2	Housekeeping	1.25	43.3	54.13
10.3	Facility Maintenance & Operations	1.25	92.8	116.00
10.4	Property and Program Services	1.30	179.2	232.96
10.5	Food Service	1.25	578.0	722.50
10.6	Medical Device Reprocessing	1.25	532.6	665.75

updated 6/3/2015
updated 6/3/2015



Subtotal (Hospital-Based)		1.25	1588.5	1990.6	
10.7	Support Services Building	1.25	1083.7	1354.6	<i>updated 11/2/2014 and 6/2/2015</i>
Total		1.25	2672.2	3345.2	<i>updated 6/2/2015</i>
Grand Total (All Components)			13656.0	19680.4	<i>updated 6/2/2015 and 01/12/2014 and 11/12/2014</i>

1.0 Main Entry & Customer Services

Overview of Program Renewal for Main Entry & Customer Services

As part of program renewal at Stanton Territorial Hospital (STH), a welcoming environment and user-friendly customer access will be provided for the various programs and services available at STH. The main hospital entrance and the associated customer amenities will be updated and customer services will be better centralized and/or coordinated from a Customer Service Centre to be located immediately inside the main hospital entrance.

Customer Service Centre: Functional Planning Assumptions

Current Situation

The current reception/registration area is located immediately inside the hospital main entrance with an adjacent public waiting area. Three registration cubicles, an office, and an area with office equipment is contiguous with the main reception/information desk. A second desk faces the back corridor that leads to outpatient services in the west wing, to the cafeteria in the east wing, and to the emergency department (ED) walk-in entrance at the north side of the hospital. This second desk is frequently occupied by the security officer, which is confusing to patients and visitors. Language/interpreter Services currently use several offices on the third floor.

Planned Scope of Services

Using a “hub and spoke” concept, the Customer Service Centre will be the first point of contact for patients and visitors as they enter the hospital — similar to a hotel reception desk. Customer Service Centre staff will either provide the requested service, “link” the customer via telecommunications to whomever can provide assistance, or escort the customer to the appropriate service location. Customer services will include patient registration and language/interpreter services as well as general information dissemination and assistance with way finding. The central switchboard/communications function for STH will also be provided at this location and a workstation for use by the security officer.

Hours of Operation

The primary hours of operation for the Customer Service Centre will be from 0730 to 2100 hours, Monday through Friday, and from 0800 to 2100 hours on Saturdays, Sundays, and holidays — consistent with the hours that the main hospital entrance will be open. The hours of operation for specific components are as follows:

- **Patient registration** will register all inpatients and outpatients presenting at the hospital. All ED patients will be registered in the ED as well as any other patients who need to be registered during the hours when the Customer Service Centre is not staffed. In addition to the Customer Service Centre, patients will also be registered at the Ambulatory Care Centre.
- **Switchboard/communications.** The switchboard will be staffed from 0730 to 2330, Monday to Friday, and from 0800 to 2330 on Saturdays, Sundays, and holidays. After hour incoming calls will go to an automated answering system with a forwarding option to the ED registration clerk if person-to-person communication is required.
- **Language/interpreter services.** A representative will be located in the Customer Service Centre from 0730 to 1530 hours, Monday to Friday (at a minimum) to be present during the busiest time of day.

- **Security** will continue to be provided 24-hour per day, 365 day per year. A security officer will generally be located at the main entrance/lobby area during the day shift; the security officer will work at the ED walk-in entrance during the hours when the main entrance door is locked.

Projected Workload

The projected number of patients registering for hospital services will be a reasonable indicator of the minimum level of activity in the main entry and the Customer Service Centre (CSC). The rise in clinical activity will also generate additional family members/escorts, visitors, and the public. However, it is assumed that the vast majority of patients will be pre-registered (via phone or Internet). The following table provides an estimate of the projected patient registration volume to 2045 based on the projected capacity for each clinical area. Emergency visits will be registered in the ED and are not provided in this table.

Table 2 – Projected Customer Service Centre Activity

Clinical Service	Unit of Measure	Projected			
		2020	2025	2030	2045
Diagnostic Imaging	Tests	22,656	23,199	23,959	25,680
Laboratory Specimen Collect	Visits	20,221	20,705	21,059	22,920
Cardiac Diagnostics	Visits	tbd	tbd	tbd	tbd
Respiratory Diagnostics	Visits	1,800	1,843	1,875	2,040
Medical Day Care	Visits	3,789	3,878	3,944	4,194
Clinic	Visits	24,191	24,770	25,194	27,420
Day Procedures Unit*	Visits	4,178	4,279	4,355	4,736
Subtotal (Outpatients)		76,835	78,674	80,386	86,990
Inpatients	Separations	5,433	5,569	5,673	6,163
Total		82,268	84,243	86,059	93,153

“tbd” = To be determined; data/projections not available.

** = Excludes “admit day of surgery” which are included with the inpatients.*

Projected Staffing

It is projected that seven staff (headcount) will work out of the Customer Service Centre during the day shift by 2045 as shown in the following table:

Table 3 – Projected Staffing (Headcount) for the Customer Service Centre

Position	Headcount by Shift		
	Day	Evening	Night
Supervisor (Patient Registration)	1	-	-
Patient Registration Clerk (Customer Service Centre)	2	1	-
Patient Registration Clerk (located in the ED)	-	-	-
Patient Registration Clerk (located in the ACC)	-	-	-
Language Services Interpreter	1	-	-
Switchboard Operator	1	1	-
Patient Care Coordinator	1	1	1
Security Officer (located in the ED after hours)	1	1	1
Total (Customer Service Centre-Based Staff)	7	4	2

The Territorial Support Network — which will be operated by the Territorial Services Network and based within close proximity to the patient care coordinator — will be staffed with a physician, an RN, and a secretary/clerk.

Main Entry & Customer Amenities: Functional Planning Assumptions

Current Situation

The main entrance to STH is located on the southeast side of the hospital with a drop-off drive and adjacent visitor and staff parking areas. A public lounge is positioned to the right of the main entrance with the entrance to the clinic to the left. The entrance corridor continues to the west, past the reception desk, to the public elevators and washrooms. Access to other areas of the first floor is via another corridor that encircles the registration area to the east. The Auxiliary Tuck Shop is located off this corridor across from the registration desk. Although the cafeteria is due west of the registration area, access to the cafeteria requires a circuitous route — around the registration area to the east wing, and past the corridor to the ED walk-in entrance, to the west wing. A chapel is located on the third floor with access from within the Medical Unit (3-West). The STH Foundation is currently located off-site on the first floor of the Diamond Plaza.

Planned Scope of Services

No change to the overall location or orientation of the existing hospital main entrance is anticipated unless it is necessary to implement other program renewal priorities. Specific customer amenities will include:

- **Main Entrance/Lobby** or “home base” for family members and friends to meet up with each other or for patients awaiting pick-up from the hospital.
- **Chapel/Meditation Room.** The chapel will be relocated from the third floor to the main entry area to provide a more accessible space for spiritual reflection, meditation, and quiet respite.
- **Auxiliary Tuck Shop.** The Auxiliary will continue to operate the Tuck Shop and its location should continue to be in a high-visibility area near the main entrance.
- **STH Foundation.** The STH Foundation currently operates an automated teller machine (ATM). A kiosk is planned in the hospital lobby for the STH Foundation which will be staffed during peak

patient/visitor traffic times. In addition, a Foundation office will be located at the Customer Service Centre. The ATM and the new STH Foundation kiosk should also be located in a high-visibility area.

- **Customer Service Centre** for patient registration and check-in and communication/reception services.
- **Med Response** call-centre will be located away from the public .

Hours of Operation

The primary hours of operation for the main hospital entrance will be from 0730 to 2100 hours, Monday through Friday, and from 0800 to 2100 hours on Saturdays, Sundays, and holidays. The Auxiliary Tuck Shop will maintain its current hours of operation although the specific hours of operation will be determined by the Auxiliary. It is also assumed that a STH Foundation representative will be available at the designated STH Foundation kiosk during the busiest and high-traffic hours of day.

Projected Staffing

The Auxiliary Tuck Shop will be staffed by two volunteers during the day and evening shift and a STH Foundation representative will generally be available in the main entrance/ lobby during the day.

Proposed Facility Reconfiguration and Key Spaces

Projected Staffing

The Customer Service Centre — to be located immediately inside the main hospital entrance — will provide one-stop-shopping for patients and visitors arriving at the hospital main entrance. With a welcoming “front door,” efficient and expedient customer services, and associated amenities, customers will develop a positive “first impression” as they begin their journey through the hospital.

Patient Access and Circulation

Unless bound for the ED, patients and visitors will access STH via the main hospital entrance (during the hours that it is open). They will either park their private vehicle and walk to the main entrance or be dropped-off directly at the main entrance. Direct admits and outpatients going to the Diagnostic Centre will present at the Customer Service Centre upon arrival during its regularly scheduled hours. Surgery patients and outpatients going to the Ambulatory Care Centre will proceed directly to the ambulatory care check-in area.

It is assumed that most patients will be pre-registered. If pre-registered, their identification will be checked and the appropriate point-of-service notified electronically. If not pre-registered, they will be registered into the hospital information system and the appropriate documentation will be generated. Volunteers will be available as “greeters” to assist with orientation and way finding and will direct patients and visitors to their desired destination.

Simple follow-up appointments will be scheduled by the registration clerk (post-appointment check-out). A telephone will be provided with a direct line to the booking office if a more complicated follow-up appointment is required. If a patient requires an interpreter, the language services representative will provide support and arrange for an appropriate interpreter. After hours, all patients will be directed to the ED walk-in entrance where they will be registered by the ED registration clerk. From the main entrance, patients and visitors may also wait in the visitor lounge, go to the Auxiliary Tuck Shop or the Chapel/ Meditation Room, use the ATM, visit the STH Foundation kiosk, or go to the cafeteria/vending area.

As a result of program renewal at STH, way finding will be simplified with a minimal number of destinations for patients and visitors upon arrival at the main hospital entrance. Admitted patients and their escorts will proceed to their designated inpatient unit. Visitors going to the inpatient units will use a public elevator to access the appropriate floor level (during designated visitor hours).

Specific outpatient destinations will be limited to the following:

- **Diagnostic Centre** will include a central intake area for outpatients requiring diagnostic imaging, ultrasound, cardiac diagnostics, respiratory testing/therapy, or laboratory specimen collection.
- **Ambulatory Care Centre** will include the Outpatient Clinic (to accommodate the permanent specialists, visiting specialists, and other hospital-based outpatient programs), Medical Day Care Unit (providing chemotherapy, intravenous or parenteral therapy, central venous catheter care, and wound care), and the Renal Care Unit.
- **Day Procedure Unit.** Outpatients requiring surgery or endoscopy will go to the Day Procedure Unit where they will be prepped/recovered for their procedure which will either be performed in the unit or in the adjacent surgery suite. Accompanying family members or visitors will be directed to a central family/visitor lounge or could return to the main entrance lobby. Patients admitted on the day of surgery would also check-in at the Day Procedure Unit.

Major Facility Components

As shown in the functional diagram, based on the indicative design, below, the main entry/customer services at STH will include four major functional components as follows:

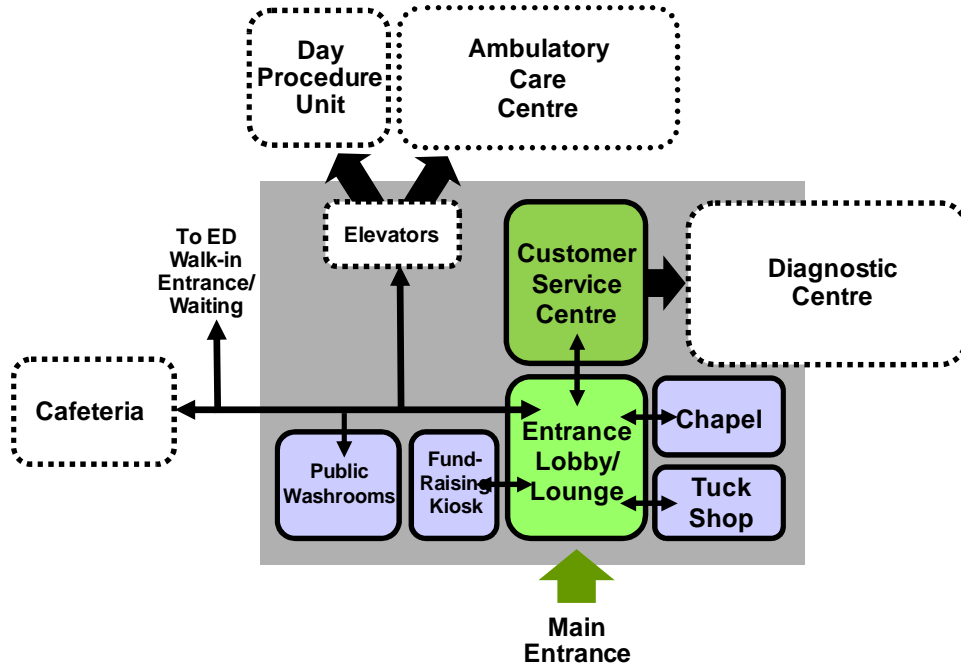
- **Main Entrance/Lobby**
- **Customer Service Centre**
- **Auxiliary Tuck Shop**
- **Chapel/Meditation room**

1.1 Main Entrance/Lobby

The main entrance is located on the main floor and should be easily-identifiable and welcoming. In addition to the entry vestibule, a patient/visitor lounge and associated amenities will be provided as follows:

- **Main Entrance Vestibule** to serve as the primary entrance for non-emergent ambulatory patients, family members, and visitors and with direct access to the Customer Service Centre.
- **Public Lobby/Lounge** with lounge-type seating for up to 30 persons and a window with view of the main entrance vestibule and drop-off/pick-up drive. An alcove for wall-mounted phones (e.g., taxi), an automated teller machine (ATM), and the STH Foundation kiosk or wall display — with a contiguous counter, stool, and cueing space — will also be located in this area. Includes space for 2 bariatric seats/wheelchairs. The public lounge shall include a breastfeeding room as per the CSA z-8000 recommendations.
- **Wheelchair alcove** with space for the temporary storage/holding of two wheelchairs (one standard and one bariatric). Accessible from the Customer Service Centre but out of view of the lounge.
- **Public washrooms** (male and female) that are wheelchair accessible.
- **Storage Room** for general storage including storage for personal items of patients who have been discharged but are awaiting flights.

**Diagram 1 – Main Entry & Customer Services
Major Facility Components and Functional Adjacencies**



1.2 Customer Service Centre

As the first point of contact for patients and visitors arriving at STH, this area should be easily-identifiable and welcoming. To the extent possible, the reception/concierge, registration/communication, and security workstations should be designed for flexible use depending on the staff assigned at any given time. Specific spaces to be provided as part of the Customer Service Centre include:

- **Reception/Concierge Desk** (counter-height) with space for two workstations open to the public (on-stage); one of the workstations will be staff by language services.
- **Registration/Communication Cubicles (2)** with a clerical workstation and 2 patient/visitor chairs. Requires direct access to an office equipment alcove.
- **Self-Registration Kiosk (2)** with queuing space and in view to entrance and lounge.
- **Workstation** for the switchboard operator (off-stage).
- **Office/Cubicle** for the patient registration supervisor (off-stage).
- **Security Office/Cubicle** positioned to allow a clear view of the main entrance and direct access to the lobby by the security officer who will monitor traffic to the elevators and ED.
- **Office** for the patient care coordinator.
- **Office** for the Foundation.
- **Med Response**, while categorized as part of the Customer Service Centre will be based off-stage with access to natural light and include a work area with 3 large workstations for electronic consultation and each equipped with up to 10 monitors, an alcove for office equipment, and a

physician office/consultation room with a PACS workstation for phone and/or telehealth consults as part of the Territorial Services Network.

- **Office Equipment Alcove** to provide space for a printer/copier, fax machine and other patient processing equipment and supplies; contiguous with the reception/registration workstations (off-stage).

1.3 Auxiliary Tuck Shop

This retail shop sells gifts and other amenities to patients, visitors, and staff. In addition to the display area and cashier counter, a contiguous storage room is required to storage inventory not yet displayed.

1.4 Chapel/Meditation Room

The existing chapel will be located on the main floor to improve its accessibility; the new space will be designed for non-denominational observance, spiritual reflection, or simply used by customers and staff for quiet respite. The chapel/meditation room will incorporate flexible seating with a raised altar/stage platform and will include a contiguous storage room for items used for multi-faith worship or celebration.

Facility Layout and Design Considerations

Key facility layout and design considerations pertaining the configuration of the main entry/customer services at STH are listed below:

- The main hospital entrance should be clearly visible to patients and visitors arriving on the site. Visual cues should be provided — such as a prominent portico — in addition to directional signage. The main entrance should be clearly differentiated from the ED walk-in and ambulance entrances. The hours that the main entrance is open should be clearly displayed with directions to the ED entrance for customers arriving after hours.
- The reception/concierge desk and self check-in kiosks should be immediately accessible upon entry through the main entrance vestibule.
- Convenient access to the cafeteria and the public elevators will be provided and the Customer Service Centre will also be accessible from the Emergency Department walk-in entrance.
- The main entrance/vestibule and patient/visitor lounge should be located to provide unobstructed visibility from the reception/concierge desk and the security desk.
- The Stanton Foundation Kiosk should be clearly visible by visitors arriving and circulating to other areas of the hospital as well as visible by patients waiting in the patient/visitor lounge.
- The Auxiliary Tuck Shop should be located to optimize its visibility from the patient/visitor lounge and main circulation corridor.
- The chapel/meditation room should be easily identifiable and accessible from the main entrance but away from major activity areas.
- All customer-facing staff assigned to the Customer Service Centre — whether at the reception/concierge desk, a registration/communication cubicle, or at the security desk — should be co-located to allow verbal and visual communication.
- The office equipment alcove will be shared by all Customer Service Centre staff and should be easily accessible from all workstations.

-
- A public access corridor should connect the main hospital entrance and Customer Service Centre, with the ED walk-in entrance and ED general waiting area.
 - Direct access from the main entrance and customer service area to the public elevators and the cafeteria/vending area is required; however, the main entrance and customer service area (public areas) should be securable from the remainder of the hospital so that public traffic can be controlled as required.

Summary of Space Requirements

Summary of Future Space Needs

A listing of required spaces is listed in the following tables. Corresponding room data sheets are provided under separate cover in *Stanton Territorial Hospital Renewal Project — Room Data Sheets* outline additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets. This information is intended to supplement the FF&E list, and the relevant codes and standards.

A total of 359.3 component gross square metres (CGSM) will be required for the main entry/customer services at STH by 2045 based on the net square metres (NSM) tabulated in the Schedule of Accommodation and using the following estimated net to gross space conversion factors. It should be noted that the actual component gross square metres or “footprint” of the main entry and customer services area will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

**Table 4 – Main Entry & Customer Services
Summary of Future Space Requirements (2045)**

Facility Component	CNSM	Conversion Factor	CGSM
Main Entrance/Lobby	104.8	1.30	136.2
Customer Service Centre	111.7	1.30	116.6
Auxiliary Tuck Shop	23.9	1.30	31.1
Chapel/Meditation Room	36.0	1.30	46.8
Total	276.4	1.30	359.3

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
1.00	Main Entry/Customer Services					
1.01	MAIN ENTRANCE/LOBBY					
1.01.01	CSS-1	Main Entrance Vestibule	1	11	11	Main hospital entrance for patients/visitors who are ambulatory; size may vary based on architectural design.
1.01.03	CSS-2	Patient/Visitor Lounge	1	38.5	38.5	Direct view of drop-off/pick-up drive; includes space for two bariatric seats/wheelchairs.
1.01.05	---	ATM Alcove	1	1.9	1.9	Alcove adjacent to seating area.
1.01.06	---	Stanton Foundation Kiosk	1	4.6	4.6	Kiosk or wall display with contiguous counter, stool, queuing space, within direct view of public seating.
1.01.07	MEA-1	Wheelchair alcove	1	4.6	4.6	Accessible from Customer Service Centre but out of view of lounge.
1.01.08	WRS-4	Public Washroom (Female)	1	14.6	14.6	Includes entrance vestibule, two handwashing sinks, wheelchair accessible toilet stall and regular toilet stall.
1.01.09	WRs-4	Public Washroom (Male)	1	14.6	14.6	Includes entrance vestibule, two handwashing sinks, wheelchair accessible toilet stall and urinal.
1.01.10	CSS-7	Storage Room	1	5.6	5.6	General storage including storage for personal items of patients who have been discharged but are awaiting flights.
1.01.11	---	Breastfeeding Room	1	7.5	7.5	as per the CSA z-8000 recommendations.
SUBTOTAL		MAIN ENTRANCE/LOBBY			104.8	
1.02	CUSTOMER SERVICE CENTRE					
1.02.01	CSS-3	Reception/Concierge Desk	1	9	9	Immediately adjacent to main entrance vestibule; open reception desk with two staff workstations (one for language services).

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
1.02.02	CSS-4	Registration/Communication Cubicle	2	6	12	Semi-enclosed cubicle with desk and two patient/visitor chairs. Requires direct access to an office equipment alcove.
1.02.03	---	Self-Registration Kiosk	2	3.7	7.4	Free standing kiosk with queuing space for self check-in; in view to entrance and lounge.
1.02.04	WKS-2	Workstation	1	4.5	4.5	Semi-enclosed cubicle for switchboard operator.
1.02.05	WKS-5	Office/Cubicle	1	9.3	9.3	Office/cubicle for patient registration supervisor.
1.02.06	WKS-2	Workstation	1	3.7	3.7	Touchdown station for the Registration Assistant.
1.02.07	WKS-5	Office/Cubicle	1	9.3	9.3	Office/cubicle for security officer during daytime hours; view to main entrance/lounge must be provided.
1.02.08	OFF-1	Office (Standard)	1	9.3	9.3	Patient care coordinator, used 24/7 by shift supervisor; located near to the Emergency Department with convenient access to all patient care areas required.
1.02.09	WKS-1	Med Response	1	23	23	Includes 3 large workstations for electronic consultation, each equipped with up to 10 monitors; can be open to the office equipment alcove. Natural light desired.
1.02.10	OEQ-1	Med Response: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and related equipment.
1.02.11	OFF-1	Med Response: Office/Consult Room	1	9.3	9.3	Physician office//teleconference.
1.02.12	OFF-1	Office (Standard)	1	9.3	9.3	Foundation office.
1.02.13	OEQ-2	Office Equipment Alcove	1	6	6	Printer/copier/fax and other related equipment.
SUBTOTAL		MAIN ENTRANCE/LOBBY			116.1	
1.03	AUXILIARY TUCK SHOP					

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
1.03.01	CSS-6	Retail Area	1	18.9	18.9	Includes display shelving and cashier/counter workstation.
1.03.02	CSS-7	Storage Room	1	5	5	Contiguous with retail area with connecting door; mobile storage.
SUBTOTAL		AUXILIARY TUCK SHOP		23.9		
1.04		CHAPEL/MEDITATION ROOM				
1.04.01	CSS-8	Chapel/Meditation Room	1	30	30	Flexible seating with raised altar/stage platform.
1.04.02	CSS-9	Storage Room	1	6	6	Items used for multi-faith worship or celebration; contiguous with chapel.
SUBTOTAL		CHAPEL/MEDITATION ROOM		36		
TOTAL		Main Entry/Customer Services		280.8		

Future Flexibility

The functional program and schedule of accommodation for customer services at STH were prepared to optimize future flexibility and adaptability to accommodate changes in staffing patterns and technology through 2045. Specific opportunities include:

- The customer-facing workstations at the Customer Service Centre are planned to provide optimal flexibility depending on the services needed at any given time. Any of the workstations could be used by a registrar, volunteer, security officer, language services consultant/interpreter, customer communication with off-site services, or other customer service staff positions to be identified in the future.
- The patient/visitor lounge and the cafeteria could provide overflow waiting space for the Diagnostic Centre, Ambulatory Care Centre, or the Day Procedure Unit through the use of electronic devices to notify the patient, family member, or visitor when their presence is requested in a specific treatment area.

2.0 Diagnostic Services

Overview of Program Renewal for Diagnostic Services

Diagnostic services at Stanton Territorial Hospital (STH) include diagnostic imaging, cardiopulmonary services (cardiac diagnostics, respiratory diagnostics and respiratory therapy), and the laboratory. These services will be consolidated into a Diagnostic Centre directly adjacent to the Critical Care Services and easily accessible from the Ambulatory Care Centre. Using the Customer Service Centre as a single point of access for reception/registration, outpatients will be directed to a central Diagnostic Centre waiting area from which they will be escorted to decentralized sub-waiting or staging areas and/or the appropriate testing or treatment room when it is available.

Diagnostic Imaging: Functional Planning Assumptions

Current Situation

The diagnostic imaging department currently occupies 418 component gross square metres (CGSM) on the ground floor in the west wing. Existing procedure rooms include:

- General radiography rooms (2)
- Fluoroscopy room (also used for general radiography)
- Computed tomography (CT) room
- Mammography room
- Ultrasound rooms (2)

Some obstetrical ultrasound tests are performed on the inpatient obstetrics unit as part of the Northern Women's Health program. General radiography, ultrasound, and bone density testing are also provided at the Yellowknife Primary Care Centre and the program leader and booking clerk for the breast cancer screening program are located at the Diamond Plaza.

Planned Scope of Services

As a key component of the Diagnostic Centre, the diagnostic imaging service will support all clinical programs provided at STH and provide outpatient diagnostic imaging to the local community. As the territorial-referral facility, specialized examinations that cannot be accommodated in other hospitals and health centers in the Northwest Territories and Kitikmeot Region of Nunavut will also be performed at STH. Additionally, the breast cancer screening program will be housed at the hospital and perform all screening mammograms for its designated catchment area.

The STH-based radiologists will interpret all diagnostic examinations performed in the Northwest Territories and Kitikmeot and will provide a visiting service to Fort Smith, Hay River, and Inuvik (when fully staffed). The STH imaging service will also function as the administrative centre for the picture archiving and communications system (PACS) in the Northwest Territories and as the imaging technical resource centre for other healthcare facilities. The satellite imaging service at the Yellowknife Primary Care Centre will continue to provide general radiography, bone density, and ultrasound testing (as technologist resources become available).

Specific diagnostic imaging services will include:

- **General Radiography.** It is expected that the demand for general radiography exams will remain constant or decrease somewhat given the shift to using other modalities such as CT and ultrasound for diagnostic purposes. However, digitized radiographic images are expected to continue to be a cost-effective diagnostic tool.
- **Fluoroscopy.** There is expected to be a decreased demand for fluoroscopy exams due to the increased use of CT.
- **Computed Tomography (CT).** The use of CT has increased dramatically in North America over the last two decades although the use rate in the Northwest Territories is significantly less than the Canadian average. It is expected that the demand for CT services at STH will continue to increase toward the Canadian average.
- **Ultrasound.** STH currently provides abdominal, renal, pelvic, breast, thyroid, scrotal, leg veins, and obstetrical ultrasound and support of some biopsies. It is expected that the use of ultrasound testing will continue to increase in the future.
- **Mammography.** Screening and diagnostic mammography will continue to be provided as part of the breast health initiative — along with ultrasound and biopsy services — to expedite breast cancer screening, diagnosis, and treatment.
- **Magnetic Resonance Imaging (MRI).** STH may provide this service at some point in the future — i.e. through the use of either a permanent or mobile unit. A detailed space list for this future service can be found in the Appendices: Schedule of Accommodation, but this area has not been included in the overall CGSM summary for Diagnostic Services.

Hours of Operation

Diagnostic imaging services at STH will be provided from 0730 to 2000 hours, Monday through Friday, and from 0730 to 1600 hours on weekends and holidays although Saturday hours could be extended in the future. On-call response will be provided 24-7.

The satellite service at the Yellowknife Primary Care Centre will continue to operate from 0815 to 1615 hours, Monday to Friday. Bone density testing will be available on one half-day per week.

Projected Workload and Key Testing Spaces

The table below compares the current average diagnostic imaging procedures by modality with the projected procedures through 2045.

Table 5 – Projected Diagnostic Imaging Procedures by Modality

Procedures	Current	Projected			
	Average 2006-2010	2020	2025	2030	2045
General Radiography	17,951	19,268	19,730	20,067	21,840
Fluoroscopy	465	476	488	496	540
CT	3,537	5,452	5,583	5,678	6,160
Ultrasound	6,827	8,094	8,287	8,425	9,174
Mammography (Screening)	1,213	967	992	1,014	1,100
Mammography (Diagnostic)	1,150	615	631	644	699
Total	31,143	34,872	35,711	36,324	39,513

There is a sufficient number of diagnostic imaging procedure rooms today — with three radiography/fluoroscopy rooms, a CT room, a mammography room, and two ultrasound rooms — to accommodate the projected 2045 workload assuming that the existing imaging equipment will be replaced/upgraded over time. However, a potential future expansion zone for diagnostic imaging should be identified during block planning and schematic design development to accommodate new technologies.

Projected Staffing

The projected staffing (headcount) for diagnostic imaging services is shown in the table below. Although the breast cancer screening program leader and booking clerk are currently located off-site, an office is planned within the STH Diagnostic Centre and an additional workstation is included in the central administrative office suite as “placeholders.” It should be noted that several additional staff will be located remote from the main diagnostic imaging area as follows:

- Clerical supervisor and a diagnostic imaging clerk will be located at the Customer Service Centre.
- Dictatypist will be co-located with the health records transcriptionists.

Table 6 – Projected Staffing (Headcount) for Diagnostic Imaging

Position	Headcount by Shift		
	Day	Evening	Night
Radiologist	2	---	---
Tech Supervisor	1	---	---
Radiology Tech I	3	3	---
Mammography Tech (Screening and Diagnostic)	2	---	---
CT Tech	1	1	---
Sonographer	3	3	---
Clerk	1-2	0	---
PACS Coordinator	1	---	---
Manager (Diagnostic Imaging)	1	---	---
Total (Diagnostic Imaging Staff)	15-16	7	---

Cardiopulmonary Services: Functional Planning Assumptions

Current Situation

Cardiopulmonary services — including cardiac diagnostics, respiratory diagnostics, and respiratory therapy — are currently provided in several locations. Cardiac diagnostics are located as follows:

- Outpatient electrocardiograph (EKG) tests are performed in the laboratory on the ground floor (by laboratory staff); ED patient testing is performed in the ED, and inpatient testing is performed at the point-of-care with mobile units.
- Holter monitoring and cardiac stress tests are performed in a dedicated testing room in the medical day care area on the third floor.
- Vascular doppler tests are performed in the diagnostic imaging area on the ground floor.
- A pacemaker clinic is conducted at the Stanton Medical Centre.
- Adult echocardiograms are performed in the Medical Day Care Unit by Internal Medicine specialists and pediatric echocardiograms are performed at the Stanton Medical Clinic by the pediatric cardiology visiting specialist (with their own equipment).

Respiratory diagnostics and therapy are performed on the second floor adjacent to the surgery suite. The space consists of a three-room suite with an office, a respiratory diagnostic/therapy room, and a multipurpose room for equipment cleaning and storage.

Planned Scope of Services

As part of program renewal, cardiopulmonary services will be incorporated into the Diagnostic Centre on the ground floor along with diagnostic imaging services and outpatient specimen collection. Cardiac diagnostics will include electrocardiography (EKG) testing as well as exercise stress testing and Holter monitoring. Capacity will be available to perform additional cardiac diagnostic services such as mobile blood pressure

testing and a chest pain clinic. The pediatric cardiology team, however, will continue to provide pediatric echocardiography in the outpatient clinic during scheduled visits rather than in the Diagnostic Centre.

The respiratory diagnostics and therapy service will continue to provide diagnostic and therapeutic care to inpatients and outpatients with respiratory diseases, insufficiencies, failures, or other associated problems and conditions — but will be relocated to the ground floor and integrated into the Diagnostic Centre.

Specific cardiopulmonary services will include:

- **Electrocardiography testing (EKG or ECG).** All EKGs performed in the Northwest Territories will be read and recorded at STH regardless of where they are performed. Cardiac diagnostics staff will also perform all EKGs on adults and children, both inpatients and outpatients.
- **Echocardiography.** Adult echocardiograms will continue to be performed at STH by internal medicine specialists; pediatric echocardiograms will continue to be performed at the Stanton Medical Clinic by the pediatric cardiology visiting specialist (with their own equipment).
- **Holter monitoring.** Holter monitors — portable EKG devices that monitor a heart's electrical activity over time while the patient is outside the hospital — will be applied and removed by the cardiac diagnostics staff. An internal medicine physician will review the downloaded EKGs.
- **Exercise stress testing.** Facilities and equipment (e.g. treadmill and bicycle) will be provided within the Diagnostic Centre for the cardiac diagnostics staff to conduct stress testing. This equipment will also be scheduled by the respiratory therapy staff for respiratory exercise testing.
- **Mobile blood pressure testing** will be provided using a device that straps around the outpatient's waist to record blood pressure readings for 24 hours while the patient is outside the hospital.
- **Pacemaker clinic.** Initial and regular follow-up appointments, for patients who have had a permanent pacemaker inserted, will be conducted and managed by the nurse practitioner, supported by an internal medicine or cardiologist specialist.
- **Chest pain clinic.** This service provides rapid assessment and evaluation of patients with chest pain who present to the emergency department, but who do not require hospitalization, and who would benefit from early outpatient evaluation. Investigative tests may include an EKG, blood analyses, a chest x-ray, an exercise stress test, a CT scan, and/or endoscopy.
- **Respiratory diagnostics** will be performed — such as pulmonary functional testing (PFT), exercise-induced asthma testing, bronchoscopy, overnight testing on inpatients, and a variety of other tests.
- **Respiratory therapy** will be primarily focused on inpatients and performed at the point-of-care.

In addition to space for patient testing and consultations, the respiratory therapists working remotely on the inpatient units will require a central “home base” (for coordination and administration). Space will also be required for the storage, assembly, testing, and dispatch of clean equipment along with an area for soiled equipment holding, disassembly, and cleaning.

Hours of Operation

Cardiac and respiratory diagnostics and respiratory therapy will be provided as follows:

- Holter monitoring, stress testing, mobile blood pressure monitoring, and the pacemaker and chest pain clinics will be conducted from 0800 to 1600 hours, Monday to Friday.
- Scheduled outpatient EKGs, respiratory diagnostics, and chronic disease management will generally occur from 0800 to 1600 hours, Monday to Friday. Respiratory therapy and urgent respiratory diagnostics will be available from 0700 to 2300 hours, seven days per week and on-call after hours.

- EKG testing will generally be performed on inpatients from 0800 to 1600 hours, seven days per week with attending nurses performing EKGs after hours.

Projected Workload and Key Testing Spaces

The table below compares the current average cardiopulmonary diagnostic tests/visits by modality with the projected procedures through 2045.

Table 7 – Projected Cardiopulmonary Tests & Visits by Modality

Cardiopulmonary Tests/Visits	Current	Projected			
	Average 2006-2010	2020	2025	2030	2045
EKG Tests	5,246	7,887	8,076	8,214	8,940
Holter Monitor/Stress Tests	815	1,165	1,192	1,213	1,320
Pacemaker Visits	n/a	tbd	tbd	tbd	tbd
Mobile Blood Pressure Tests	---	tbd	tbd	tbd	tbd
Chest Pain Clinic Visits	---	tbd	tbd	tbd	tbd
Total (Cardiac)	6,061+	9,052+	9,268+	9,427+	10,260+
Respiratory Tests (Inpatient)	4,581	4,923	5,041	5,127	5,580
Respiratory Tests (Outpatient)	1,052	1,112	1,138	1,158	1,260
Respiratory Therapy (Inpatient)	9,050	9,740	9,973	10,144	11,040
Respiratory Therapy (Outpatient)	628	688	705	717	780
Total (Respiratory)	15,311	16,463	16,857	17,146	18,660

"n/a" = Data not available.

"tbd" = To be determined; data/projections not available.

Multi-purpose testing and procedure space is planned to accommodate the expected cardiopulmonary diagnostic workload through 2045. Most of these tests rely upon mobile equipment that can be transported from one exam/treatment room to another. The co-location of cardiac diagnostics with respiratory diagnostics and ultrasound will further enhance future flexibility and adaptability as the demand for these diagnostic modalities changes over time. Designated testing rooms will be provided for cardiac testing and pulmonary function testing along with a shared exercise/stress testing room (two bays with curtain closure). An additional multi-purpose testing room is also programmed that could provide future flexibility for cardiopulmonary services as well as ultrasound.

Projected Staffing

The projected staffing (headcount) for cardiopulmonary services is shown in the following table. There is also a cardiac diagnostics booking clerk who will be located with other hospital-based operational support staff in a central office suite elsewhere in the hospital.

Table 8 – Projected Staffing (Headcount) for Cardiopulmonary Services

Position	Headcount by Shift		
	Day	Evening	Night
Nurse Practitioner (Cardiac Diagnostics)	1	---	---
Cardiology Tech	2	---	---
Respiratory Therapist (Outpatient)	1	---	---
Respiratory Therapist (Inpatients)	2	1	---
Respiratory Therapist (Sleep Studies)	---	---	1
Total (Cardiopulmonary Staff)	6	1	1

Laboratory: Functional Planning Assumptions

Current Situation

The laboratory is currently located on the ground floor in the west wing. A total of 353 component gross square metres (CGSM) is occupied adjacent to the diagnostic imaging suite and across the corridor from outpatient rehabilitation. Space for outpatient specimen collection and testing includes a blood drawing area and specimen collection washroom as well as an EKG testing room — all of which are contiguous with the central accessioning area. Additional laboratory testing sections include the core laboratory (hematology and chemistry), microbiology (in an enclosed area), transfusion services; offices for the laboratory supervisor and the manager of laboratory/diagnostic imaging, and a staff washroom. The morgue is currently located to the west next to the emergency department and includes separate rooms for viewing, staff changing/washroom, and body holding.

Planned Scope of Services

The STH laboratory will continue to be the primary referral laboratory for specialized testing and the technical support center for all laboratory services in the Northwest Territories. Although healthcare facilities outside of STH provide a range of testing locally — from simple point-of-care testing in smaller health centres to standard testing at the larger facilities in Inuvik, Hay River, and Fort Smith — the STH laboratory will provide back-up testing to these health facilities when equipment breaks down, during equipment maintenance, and during staff shortages.

Laboratory personnel who work in the specimen collection and accessioning area will collect blood and urine specimens from outpatients presenting at the Diagnostic Centre. Specimens from inpatients and emergency patients will be collected at the point-of-care. All specimens will be received and processed for analysis including specimens referred-in from other health centres in the Northwest Territories and those to be prepared and packaged for transport to other laboratories for testing not performed at STH. STH will continue to be responsible for all testing of drinking water from community water supplies throughout the Northwest Territories.

Both outpatient specimen collection and electrocardiograph testing (EKGs) will be more closely integrated with the Diagnostic Centre. Upon check-in at the Customer Service Centre, outpatients will be directed to the waiting area until escorted by a laboratory assistant to the specimen collection area. EKGs will be performed in the cardiopulmonary/ultrasound suite by cardiac diagnostic staff. Outpatient specimen collection will also occur in the Outpatient Clinic (main floor) and will continue to be provided at the Yellowknife Primary Care Clinic. Laboratory testing performed at STH will include hematology, chemistry, microbiology, and transfusion services. Anatomical pathology will continue to be referred out with the exception of frozen sections preparation and analysis, which will be located in the surgical suite.

Hours of Operation

It is anticipated that the STH laboratory will expand its hours of operation in the future. The core laboratory will be staffed 24 hours per day; 365 days per year and microbiology will be staffed from 0700 to 1800 hours, 365 days per year (on-call after hours for urgent microbiology).

Outpatient specimen collection at the hospital will generally occur during the hours that the Customer Service Centre and Diagnostic Centre are staffed. Specimen collection will be provided at the Yellowknife Primary Care Centre from 0800 to 1600 hours, Monday to Friday.

Projected Workload

The table below compares the current average number of tests performed at STH (based on the most recent multi-year average utilization rate) to the projected tests through 2045. It does not account for repatriation of referred-out specimens from the Sahtu Health Region or for other specimens currently bypassing the STH laboratory. The number of outpatient visits for specimen collection is included in this table.

Table 9 – Projected Laboratory Tests

Laboratory Tests	Current	Projected			
	Average 2006-2010	2020	2025	2030	2045
Hematology	42,317	45,417	46,505	47,301	51,480
Chemistry	365,094	391,923	401,312	408,175	444,240
Transfusion Service	5,671	6,087	6,233	6,340	6,900
Microbiology	26,567	28,240	29,215	29,716	32,340
Other Tests	14,964	16,092	16,477	16,759	18,240
Total	454,613	487,759	499,742	508,291	553,200
Outpatient Specimen Collection	14,964	16,092	16,477	16,759	18,240

Projected Staffing

The projected staffing (headcount) for the laboratory is shown in the following table.

Table 10 – Projected Staffing (Headcount) for the Laboratory

Position	Headcount by Shift		
	Day	Evening	Night
Visiting Pathologist/Anatomical Pathology Tech	1	-	-
Laboratory Supervisor	2	1	-
Laboratory Assistant (Specimen Collect/Accession)	7	2	1
Tech II (Bacteriology)	1	-	-
Lab Tech (Bacteriology)	4	2	-
Tech II (Core Laboratory)	2	1	-
Lab Tech (Core Laboratory)	4	3	2
Quality Control Tech	2	-	-
Manager (Laboratory)	1	-	-
Total (Laboratory-Based Staff)	24	9	3
Laboratory Information System (LIS) Coordinator	2	-	-
Total (Facility-Based Staff)	26	-	-

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

The Diagnostic Centre will provide one-stop-shopping for most outpatient testing performed at STH. Along with the Ambulatory Care Centre and the Day Procedure Unit, the Diagnostic Centre will be one of a limited number of outpatient destinations at the hospital which will simplify outpatient way finding and stream line outpatient care delivery.

At the same time, discreet circulation patterns and holding/staging areas will be provided for emergency department patients and inpatients who may need to visit the Diagnostic Centre for tests that cannot be performed in the ED or on the inpatient unit with portable equipment.

As shown in the functional diagram on the following page, the Diagnostic Centre will be comprised of three “suites” that share a common outpatient waiting area — the diagnostic imaging suite, cardiopulmonary/ultrasound suite, and the specimen collection suite (outpatient lab). Common support space will be shared between all testing areas.

The central laboratory will be an off-stage production area with convenient access to the central specimen processing/accessioning area for receiving specimens from the ED, inpatient units, and the outpatient specimen collection suite. In addition, exterior access to the laboratory will be required for sending-out and receiving specimens from other facilities (with the designated entrance to be determined during schematic design).

Installation of a pneumatic tube system has been included as part of the technical renewal of the STH laboratory space and associated facility components.

Patient Access and Circulation

The majority of outpatients will already be pre-registered when they arrive at the main hospital entrance. They will check-in at the Customer Service Centre where their identification will be checked. The destination testing suite will also be notified of their arrival. Once check-in is completed (or registration), they will be directed to the Diagnostic Centre waiting area. From this shared waiting area, outpatients may be escorted to a sub-waiting area (if they need to gown and undergo pre-test preparation) or they will be taken directly to the designated testing or procedure room. Post-testing, outpatients may check-out at the Customer Service Centre (only if necessary) and depart via the hospital main entrance. Outpatients who require recovery may be moved to the Medical Day Care Unit until they are ready for discharge. Outpatient Clinic visits will be coordinated, to the extent possible, so that outpatients can undergo testing on the same visit.

ED patients and inpatients — arriving either in a wheelchair or on a stretcher — will be taken to an inpatient holding alcove until they are transported to the appropriate diagnostic imaging procedure room. Most ED patients and inpatients will require diagnostic imaging tests although some may also need to access the cardiopulmonary/ultrasound suite. Once their testing is completed, the ED or the inpatient unit will be notified to pick up the patient.

Major Facility Components

Diagnostic services at STH will include seven major functional areas as follows:

- **Outpatient Intake Area**
- **Diagnostic Imaging Suite**
- **Cardiopulmonary/Ultrasound Suite**
- **Outpatient Specimen Collection Suite**
- **Shared Support Space**
- **Laboratory**
- **Morgue**

2.1 Outpatient Intake Area

This is the first point of contact for outpatients once they have checked-in at the Customer Service Centre and will include common outpatient waiting area and patient washrooms as follows:

- **Diagnostic Centre Waiting Room** for outpatients (with their accompanying family members or escorts) who have checked-in at the Customer Service Centre and are waiting service in the Diagnostic Centre; a coat rack and a contiguous child play alcove will also be provided. A wall-mounted digital display monitor that is visible from the waiting area seating will show programmed educational messages and videos relating to health prevention and wellness, and items of community interest. This waiting area will provide seating for up to 30 people, including space for 2 wheelchairs and a bariatric seat.
- **Patient/visitor washrooms (2)**, male and female with wheelchair accessibility. To be easily accessible from the common waiting area.

2.2 Diagnostic Imaging Suite

This suite will include a patient reception and preparation area with a sub-waiting alcove, male and female patient changing/washrooms, and a discreet holding area for patients arriving in wheelchairs or on stretchers from the emergency department or from an inpatient unit. The major imaging procedure rooms — diagnostic radiography, fluoroscopy, CT, and mammography — and associated staff workstations and support space is also included in this suite as follows:

- **Patient Reception and Preparation Area** including a sub-waiting alcove with seating for four persons — directly adjacent to the staff work area — and male and female patient changing/washrooms.
- **Inpatient/ED Holding Alcove** that is not within view of the outpatient waiting area; discreet and convenient access will be provided from the emergency department as well as from inpatient units. Space provided can accommodate either a curtained cubicle for a stretcher, or a holding alcove for 2 wheelchairs. This alcove will be located adjacent to staff work areas and near DI imaging procedure rooms.
- **Staff work area** with workstations for each modality, dedicated offices/cubicles for the Clerical and DI tech supervisors and the PACS coordinator, an alcove for office equipment, and a hand hygiene sink.
- **Radiography suite** with two general radiographic procedure rooms, each with a contiguous control/workstation.
- **Fluoroscopy suite** with fluoroscopy procedure room — that could also perform routine radiography — and a contiguous control/workstation and a patient washroom.
- **CT suite** with a CT procedure room and a contiguous control/workstation and a patient washroom.
- **Mammography procedure room** with a contiguous control/workstation.
- **Radiologist office (2)** with PACS viewing stations and space for consultation with other providers.

2.3 Cardiopulmonary/Ultrasound Suite

This suite will include a patient recovery/preparation area with a sub-waiting alcove and a patient washroom. In addition to a central staff work area, flexible testing/procedure rooms will be provided — all of which will be equipped with mobile equipment — along with associated support space as follows:

- **Patient Recovery/Preparation** with a sub-waiting alcove with seating for four persons and a patient washroom — both directly adjacent to the staff work area.
- **Staff Work Area** with workstations for each modality, a dedicated office/cubicle for the cardiac nurse practitioner, an alcove for office equipment, and a hand hygiene sink. An additional touch-down workstation will be shared by the respiratory therapists assigned to the inpatient units.
- **Ultrasound Testing Rooms (2)** equipped with mobile ultrasound units.
- **Cardiac Exam/Testing Room** for electrocardiography (EKGs), echocardiography, Holter monitoring, etc., all of which are mobile units.
- **Respiratory Testing Room** for pulmonary function testing. This room will be negative pressure capable and could also accommodate a body box.
- **Testing Room (Multipurpose)** that could be used for remote monitoring/telehealth or accommodate future ultrasound, cardiac, or pulmonary function testing equipment.

- **Exercise/Stress Testing Room** that is enclosed with two treadmill bays (curtain enclosure) to be shared by cardiac and respiratory techs.
- **Physician Viewing Area.**
- **Patient washroom (2)** that are wheelchair accessible, with one located between the two ultrasound testing rooms and one central to the other testing rooms.

2.4 Outpatient Specimen Collection Suite

This area will include a patient reception/sub-waiting area along with a specimen collection work area, blood drawing cubicles and a specimen collection washroom as follows:

- **Patient Reception/Sub-Waiting Area** with seating for four persons directly adjacent to the specimen collection work area.
- **Specimen Collection Work Area** with a computer & label maker and a staff work area for preparing specimens to be transported to the laboratory accessioning area. Connected to the Laboratory Central Specimen Processing Area via a pass-through or pneumatic tube, and contiguous with the phlebotomy cubicles.
- **Blood Drawing Cubicle (3)** with phlebotomy chair and curtain closure and adjacent to the collection work area.
- **Patient Specimen Collection Washroom** that is wheelchair accessible with a pass-through cabinet to the staff work area.

2.5 Shared Support Space

This area will include spaces shared between the three Diagnostic Centre suites including clean and soiled utility rooms, an equipment storage room, and an alcove for staging mobile equipment. Other staff support spaces include a staff room, staff lockers alcove, staff washroom, a conference room, offices for the Diagnostic Centre manager and breast screening program leader, and workstations for the breast screening and booking clerk, as follows:

- **Clean Utility Room** for the storage of clean and sterile supplies and the storage, assembly, and testing of equipment (e.g., respiratory therapy).
- **Soiled Utility Room** for the temporary holding of soiled equipment for disassembly and cleaning, and/or the holding of items that will be removed for cleaning, reprocessing, or destruction.
- **Housekeeping Closet** to store a housekeeping cart, back-up supplies and mop for cleaning.
- **Equipment Storage Room** for the holding of equipment (primarily respiratory) ready for dispatch, and requires convenient access to the ICU, or can be located with the ICU
- **Mobile Equipment Alcove** for the staging of mobile equipment used both in the Diagnostic Centre or transported to other areas of the hospital. This alcove will include electrical support.
- **Office (2)** for the DI Centre managers (Diagnostic Imaging and Lab).
- **Office** for the breast screening program lead.
- **Workstations (2)** for the breast screening clerk and booking clerk.
- **Conference Room** with seating for eight to ten persons.

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- **Staff Room** with a kitchenette, dining table, and six chairs.
 - **Staff Lockers Alcove** with 20 stacked purse/tote bag lockers for staff that do not have dedicated workstations.
 - **Staff washrooms (2)** with wheelchair accessibility.

2.6 Laboratory

The existing laboratory space consists of a large open area with several pieces of automated equipment — that provide quick turnaround for chemistry, hematology, and urinalysis — supported by designated areas for the highly manual testing for microbiology, and transfusion services. The microbiology equipment was recently upgraded. Although the central specimen accessioning/processing area requires expansion and reconfiguration, any further reconfiguration of the rest of the laboratory should be postponed as long as possible — pending block planning and the staging of technical renewal — given the rapid changes occurring in laboratory automation.

- **Central Specimen Processing Area** that includes 3 workstations: a receiving/sorting workstation for receiving, sorting and data entry and includes a computer, phone, label printer and printer/fax; a processing workstation for specimen centrifuging/aliquoting with two counter top centrifuges and one label printer; and a referral/sent out workstation for specimen packaging with a computer, printer, label printer and phone. This area also includes a shared support space with a floor mounted double-door refrigerator, a double sink, and supply storage for specimen processing, referral/send out and courier boxes.
- **Pneumatic Tube**
- **Microbiology Work Room** with an anteroom and work room.
- **Core Laboratory Space** for chemistry and hematology.
- **Transfusion Services**
- **Laboratory Support Space** with storage for refrigerator/freezer, 2 offices (one for lab supervisor and one for clerical supervisor), an office/workstation for lab information services, a central work area functioning as touchdown stations for lab staff, and a staff washroom that is wheelchair accessible.

The degree of automation in the future will have a significant impact on both the space and configuration of the laboratory — with a very large volume of tests performed on a single piece of equipment. Because of this, test volume and staffing are not generally used to determine the amount of space required for lab operations in automated areas. Automation is making tremendous strides — every year, more tests are available on automated analyzers, reducing the number of staff workstations needed in technical areas and giving laboratories the capability to perform esoteric tests that they could not provide in the past. Even in the highly manual sections of the laboratory, new technology is being developed to automate specific processes. For 2045 it is not expected that the footprint of the STH laboratory will need to be any larger.

As the referral centre for the Northwest Territories, the STH laboratory could potentially move outside the hospital at some point in the future — if supported by a Business Case — such that only a smaller specimen processing/accessioning area, rapid response laboratory, and transfusion services would need to be located within the hospital.

2.7 Morgue

The morgue is located on the main floor between the emergency department and the primary east-west corridor. Its current space includes a body preparation area, body holding refrigerators, a staff changing/washroom, and viewing area. The existing size and configuration of the morgue is generally adequate, however the viewing area will be enlarged and bariatric capability will be added to the body holding area. Off-stage access for body transport is required and public access to the viewing area is met with the location being near the service entrance, as follows:

- **Family Viewing Area** that is adjacent to the body holding area.
- **Morgue**
- **Body Holding Area** for holding up to 6 bodies including bariatric capability.
- **Family Washroom** for visitors of the Family Viewing Area that is adjacent to the Family Viewing Area.

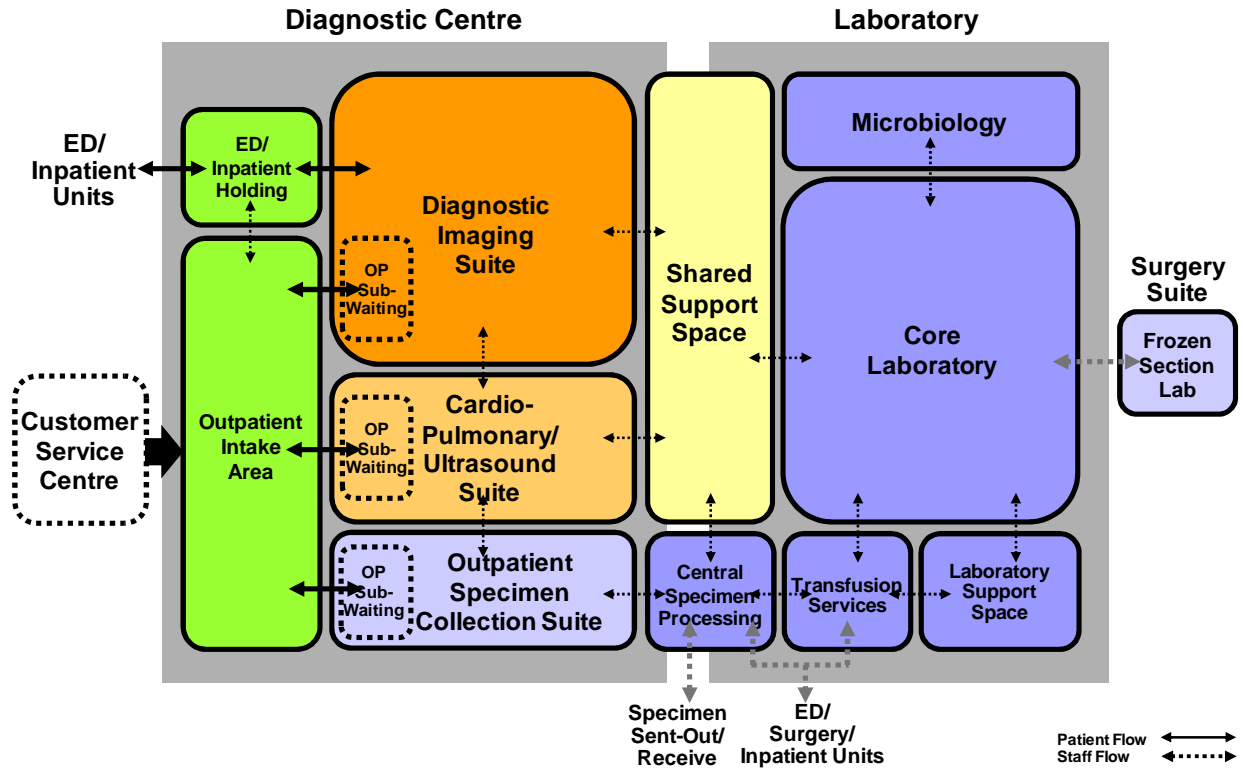
2.8 Magnetic resonance imaging (MRI)

Space to accommodate an MRI unit in the future has been planned and includes an anteroom/entry area with a hand hygiene sink and patient washroom along with the actual MRI suite (procedure room, control room, and equipment room), as follows:

- **Anteroom** area to manage patient transfers and to create an allowance for the gauss perimeter area.
- **Hand Hygiene Sink** that is contiguous with the anteroom.
- **Patient Washroom** that is wheelchair accessible.
- **MRI Suite** that includes the MRI procedure room with RF and magnetic shielding, a control room with a dedicated cooling system and automatic emergency backup, and an equipment room with a 3.0 Tesla magnet.

Note: Although the MRI area has been included in the Space List, it is not included in the total CGSM summary for Diagnostic Services, as it is an area that is planned for future expansion.

Diagram 2 – Major Facility Components and Functional Adjacencies for Diagnostic Services



Facility Layout and Design Considerations

Key facility layout and design considerations pertaining to the configuration of diagnostic services at STH are listed below:

- The Diagnostic Centre waiting area should be directly accessible from the Customer Service Centre with easy access to the three testing suites — diagnostic imaging suite, cardiopulmonary/ultrasound suite, and the outpatient specimen collection suite. This waiting area should be clearly identified as the intake area for the “Diagnostic Centre” and differentiated from the public lounge that is contiguous with the main entrance to the hospital.
- Convenient access to the Diagnostic Centre should also be provided from the Outpatient Clinic.
- Discreet access to the Diagnostic Centre — out of view of the outpatient waiting area — must be provided for inpatients and emergency patients arriving for testing.
- The central specimen processing area in the laboratory should be located at or near the entrance to be used by phlebotomists and/or other staff bringing specimens to the laboratory — to be determined during schematic design.

Summary of Space Requirements

Summary of Future Space Needs

A listing of required spaces is listed in the following tables. Corresponding room data sheets are provided under separate cover in *Stanton Territorial Hospital Renewal Project — Room Data Sheets* outline additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets. This information is intended to supplement the FF&E list, and the relevant codes and standards.

A total of 1,497.1 component gross square metres (CGSM) will be required for diagnostic services at STH by 2045 based on the net square metres (NSM) tabulated in the the Schedule of Accommodation and using the following estimated net to gross space conversion factors. It should be noted that the actual component gross square metres or “footprint” for diagnostic services will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

Table 11 – Summary of Future Space Requirements for Diagnostic Services (2045)

Facility Component		CNSM	Conversion Factor	CGSM
2.1	Outpatient Intake Area	60.2	1.50	90.3
2.2	Diagnostic Imaging Suite	295.0	1.50	442.5
2.3	Cardiopulmonary/Ultrasound Suite	142.8	1.50	202.8
2.4	Outpatient Specimen Collection Suite	46.8	1.50	65.7
2.5	Shared Support Space	123.7	1.50	185.6
2.6	Laboratory	300	1.35	402.3
2.7	Morgue	64.0	1.35	86.4
Total		1,032.5	1.45	1,497.1
2.8	Magnetic Resonance Imaging (Future Expansion)	99.1	1.50	148.7

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
2.00	Diagnostic Services					
2.01	OUTPATIENT INTAKE AREA					
2.01.01	WTA-1	Diagnostics Centre Waiting Room: Waiting Area	1	46	46	Seating for up to 30 with 2 wheelchairs and a bariatric seat: educational display area and coat rack.
2.01.02	WTA-2	Diagnostics Centre Waiting Room: Child Play Area	1	5	5	Contiguous with the clinic waiting area; small alcove with child's table and chairs, books, and small toys for quiet play.
2.01.03	WRS-2	Patient/Visitor Washroom	2	4.6	9.2	Wheelchair accessible; male and female; could be eliminated if other facilities are available nearby.
SUBTOTAL	OUTPATIENT INTAKE AREA				60.2	
2.02	DIAGNOSTIC IMAGING SUITE					
2.02.01	WTA-1	Patient Reception and Preparation Area - Sub-Waiting Area	1	6	6	Seating for up to 4 persons, directly adjacent to staff work area.
2.02.02	DXS-1	Patient Reception and Preparation Area - Male Patient Changing/Washroom	1	12.6	12.6	Includes 2 changing cubicles, six full size lockers.
2.02.03	DXS-2	Patient Reception and Preparation Area - Female Patient Changing/Washroom	1	12.6	12.6	Includes 2 changing cubicles, six full size lockers.
2.02.04	EXT-4	Inpatient/ED Holding Alcove	2	7.5	15	Curtained cubicle for a stretcher or holding alcove for 2 wheelchairs, adjacent to staff work area and near DI imaging procedure rooms.
2.02.05	WKS-1	Staff Work Area: Clerical Workstation	2	3.7	7.4	Touch down stations for clerks responsible for film management and other duties.
2.02.06	WKS-1	Staff Work Area: Tech Workstation	3	3.7	11.1	Touch down stations for X-Ray, CT and mammography techs.
2.02.07	OFF-1	Staff Work Area: Office	1	9.3	9.3	Clerical supervisor.
2.02.08	WKS-5	Staff Work Area: Office/Cubicle	1	9.3	9.3	DI Tech supervisor.
2.02.09	WKS-4	Staff Work Area: Office/Cubicle	1	6.5	6.5	PACS coordinator.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
2.02.10	OEQ-2	Staff Work Area: Office Equipment Alcove	1	6	6	Printer/copier/fax etc.
2.02.11	HHS-1	Hand Hygiene Sink	1	1	1	
2.02.12	---	Radiography Suite: Radiography Procedure Room	1	29	29	
2.02.13	---	Radiography Suite: Radiography Control/Workstation	1	7.5	7.5	
2.02.14	---	Radiography Suite: Radiography Procedure Room	1	29	29	
2.02.15	---	Radiography Suite: Radiography Control/Workstation	1	7.5	7.5	
2.02.16	---	Fluoroscopy Suite: Fluoroscopy Procedure Room	1	29	29	
2.02.17	---	Fluoroscopy Suite: Fluoroscopy Control/Workstation	1	7.5	7.5	Requires access from within the room and from the corridor.
2.02.18	WRS-2	Fluoroscopy Suite: Patient Washroom	1	4.6	4.6	Wheelchair accessible.
2.02.19	DXS-3	Mammography Procedure Room	1	14	14	
2.02.20	---	CT Suite: CT Procedure Room	1	40	40	
2.02.21	---	CT Suite: CT Control Room	1	11	11	
2.02.22	WRS-2	CT Suite: Patient Washroom	1	4.6	4.6	Wheelchair accessible. This washroom is to be contiguous with CT room.
2.02.23	OFF-1	Office (Radiologist)	2	9.3	18.6	Requires access from within the room and from the corridor.
SUBTOTAL		DIAGNOSTIC IMAGING SUITE			299.1	
2.03	CARDIOPULMONARY/ULTRASOUND					
2.03.01	WTA-1	Patient Recovery/Prep Area: Sub-Waiting Area	1	6	6	Seating for up to 4 persons, directly adjacent to staff work area.
2.03.02	WRS-2	Patient Recovery/Prep Area: Patient Washroom	1	4.6	4.6	Wheelchair accessible.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
2.03.03	WKS-1	Staff Work Area: Tech Workstation	3	3.7	11.1	Touch-down stations for ultrasound, cardiac and respiratory techs working on the cardiopulmonary/ultrasound suite.
2.03.04	WKS-1	Staff Work Area: Tech Workstation	1	3.7	3.7	Touch-down station shared by respiratory therapists working on the inpatient units.
2.03.05	WKS-4	Staff Work Area: Office/Cubicle	1	9.3	9.3	Nurse practitioner (cardiac).
2.03.06	OEQ-1	Staff Work Area: Office Equipment Alcove	1	4	4	Printer/copier/fax and other related equipment.
2.03.07	HHS-1	Staff Work Area: Hand Hygiene Sink	1	1	1	
2.03.08	EXT-7	Ultrasound Testing Room	2	13	26	Ultrasound unit (mobile).
2.03.09	EXT-7	Cardiac Exam/Testing Room	1	12	12	EKGs, echocardiography, Holting monitor prep. etc.: all mobile units.
2.03.10	EXT-7	Respiratory Testing Room	1	14	14	Pulmonary function testing; could accommodate body box; Negative pressure capable.
2.03.11	EXT-7	Testing Room (Multipurpose)	1	12	12	Could be used for remote monitoring/telehealth, as an additional ultrasound room, or to accommodate CP testing equipment.
2.03.12	DXS-5	Exercise/Stress Testing Room	1	20	20	Enclosed room with two treadmill bays (curtain closure) to be used for cardiac and respiratory exercise/stress testing.
2.03.13	DXS-8	Physician Viewing Area	1	9.2	9.2	Per CSA Z8000.
2.03.14	WRS-2	Patient Washroom	2	4.6	9.2	Wheelchair accessible: one between the two ultrasound rooms, one central to other testing rooms.
2.03.15	WKS-6	Charting Alcove	2	1.4	2.8	Located in the corridor outside of the ultrasound rooms.
SUBTOTAL		CARDIOPULMONARY/ULTRASOUND			144.9	
2.04	OUTPATIENT SPECIMEN COLLECTION					
2.04.01	WTA-1	Patient Reception/Sub-Waiting Area	1	6.2	6.2	Seating for up to four persons, directly adjacent to collection work area.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
2.04.02	DXS-6	Specimen Collection Work Area	1	9.5	9.5	Computer & label maker: contiguous with phlebotomy cubicles, connected to the Laboratory Central Specimen Processing Area via a pass-through or pneumatic tube.
2.04.03	DXS-7	Blood Drawing Cubicle	3	7.5*	24.5	Cubicle with phlebotomy chair, adjacent to collection work area; curtain closure. *One cubicle should accommodate stretcher (CSA Z8000 recommendation 9.5m ²).
2.04.04	WRS-2	Patient Washroom (Specimen Collection)	1	5.6	5.6	Wheelchair accessible with pass-through cabinet to work area.
2.04.05	HHS-1	Hand Hygiene Sink	1	1	1	
SUBTOTAL			OUTPATIENT SPECIMEN COLLECTION		46.8	
2.05 SHARED SUPPORT SPACE						
2.05.01	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
2.05.02	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.
2.05.03	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, mop cleaning.
2.05.04	STO-1	Equipment Storage Room	1	12	12	Holding of equipment (primarily respiratory) for dispatch.
2.05.05	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Holding/docking of mobile equipment with electrical support.
2.05.06	OFF-1	Office (Standard)	2	9.3	18.6	DI Centre (diagnostic imaging and lab) manager.
2.05.07	OFF-4	Office	1	9.3	9.3	Breast screening program leader.
2.05.08	WKS-1	Workstation	2	3.7	7.4	Breast screening clerk and booking clerk.
2.05.09	CFR-1	Conference Room	1	15	15	Seating for eight to ten persons.
2.05.10	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, six chairs.
2.05.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstations.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
2.05.12	WRS-2	Staff Washroom	2	4.6	9.2	Wheelchair accessible.
SUBTOTAL		SHARED SUPPORT SPACE			123.7	
2.06		LABORATORY				
2.06.01	WKS-1	Central Specimen Processing Area: Receiving/Sorting Workstation	1	3.7	3.7	Receiving, sorting, data entry; computer, phone, label printer. and printer/fax.
2.06.02	WKS-1	Central Specimen Processing Area: Processing Workstation	1	3.7	3.7	Specimen centrifuging/aliquoting; two counter top centrifuges and one label printer.
2.06.03	LAB-1	Central Specimen Processing Area: Referral/Send Out Workstation	1	5.6	5.6	Specimen packaging; computer, printer, label printer, phone.
2.06.04	LAB-1	Central Specimen Processing Area: Shared Support Space	1	15	15	Includes double-door refrigerator (floor mounted), double sink, and supply storage for specimen processing, referral/send out, courier boxes.
2.06.05	PNT-1	Pneumatic Tube	1	2	2	
2.06.06	LAB-2	Microbiology: Microbiology Work Room	1	50	50	
2.06.07	LAB-3	Microbiology: TB Ante Room	1	8	8	
2.06.08	LAB-4	Microbiology: TB Work Room	1	16	16	
2.06.09	LAB-5	Core Laboratory	1	104	104	Chemistry and hematology.
2.06.10	LAB-6	Transfusion Services	1	20	20	
2.06.11	LAB-7	Storage (with Refrigerator/Freezer)	1	24	24	For refrigerator / freezer
2.06.12	OFF-1	Office	1	9.3	9.3	Lab Supervisor
2.06.13	OFF-1	Office	1	9.3	9.3	Clerical Supervisor
2.06.14	WKS-5	Office/Workstation	1	9.3	9.3	Lab information services
2.06.15	LAB-5	Central Work Area	1	13.5	13.5	Touchdown stations for lab staff
2.06.16	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible
2.06.17	HHS-1	Hand Hygiene Sink	2	1	2	One Located in each Core Lab and Central Speciman Processing
SUBTOTAL		LABORATORY			300.0	
2.07		MORGUE				

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
2.07.01	MOR-1	Family Viewing Area	1	20	20	Adjacent to body holding area.
2.07.02	MOR-2	Morgue	1	28.4	28.4	
2.07.03	MOR-2	Body Holding	1	11	11	Holding for 6 bodies including bariatric capability.
2.07.04	WRS-1	Family Washroom	1	4.6	4.6	Adjacent to Family Viewing Area
SUBTOTAL		MORGUE			64.0	
2.08	MAGNETIC RESONANCE IMAGING					
2.08.01	---	Anteroom	1	10	10	An area to manage patient transfers and to create an allowance for the gauss perimeter area.
2.08.02	HHS-1	Hand Hygiene Sink	1	1	1	Contiguous with anteroom.
2.08.03	WRS-2	Patient Washroom	1	4.6	4.6	Wheelchair accessible.
2.08.04	---	MRI Procedure Room	1	50	50	Requires RF and magnetic shielding.
2.08.05	---	Control Room	1	14	14	Requires a dedicated cooling system with automatic emergency backup.
2.08.06	---	Equipment Room	1	19.5	19.5	3.0 Tesla magnet.
SUBTOTAL		MAGNETIC RESONANCE IMAGING			--	
TOTAL		Diagnostic Services			1038.7	

Future Flexibility

The functional program and schedule of accommodation for diagnostic services at STH were prepared to optimize future flexibility and adaptability to accommodate changes in medical practice, staffing patterns, technology, and linkages to other healthcare providers through 2045. Specific opportunities include:

- The four testing rooms planned for the cardiopulmonary/ultrasound suite are all interchangeable providing optimal flexibility depending on the type of mobile equipment to be used in the future. A central staff work area is also planned to be shared by cardiac, respiratory, and ultrasound staff.
- Similarly, the major procedure rooms with fixed equipment are aggregated in the diagnostic imaging suite and can be equipped for different modalities over time as required.
- MRI testing — planned in the future expansion phase — could be performed with a mobile unit as long as a building access point and docking area is identified during block planning and schematic design development.

A flexible time frame for renewal of the laboratory should be planned in light of its role as a territorial service and its evolving technology and automation. It should be noted that if the production components of the laboratory are located off-site at some point in the future, space will still need to be provided within STH for central specimen processing, rapid-response testing, and transfusion services.

3.0 Ambulatory Care Centre

Overview of Program Renewal for Ambulatory Services

As part of program renewal, ambulatory services will be consolidated, and will have convenient access from the main entry and Customer Service Centre, and to the Day Procedure Unit (DPU) (see Section 4.0 Surgery and Special Procedures). A new Ambulatory Care Centre (ACC) will include flexible clinic space to accommodate visiting specialists. Medical day care and the renal care program will also be incorporated into the ACC and share common check-in and clinical support space with the clinics whenever possible. Provider office space and/or workstations will be provided within the various ambulatory care areas.

Outpatient Clinic: Functional Planning Assumptions

Current Situation

Residents of the Northwest Territories can access specialists either in Yellowknife or at a travel clinic in their home community or region. Travel clinics are currently provided in Fort Simpson, Fort Smith, Hay River, Inuvik, and selected communities in Nunavut. Specialists are categorized into two groups: permanent specialists and visiting specialists. There are currently 10 permanent specialties and 10 visiting specialties.

Permanent specialists: Most of the specialists base their practices in a clinic environment with the exception of anesthesiology (based in the surgery suite), radiology (based in diagnostic imaging), and the Chief Public Health Officer (located at the Department of Health and Social Services). The psychiatrists are based at the hospital (inpatient unit) and within the community. The remaining specialists are based at clinics in three distinct locations in Yellowknife, all managed and operated by the Stanton Territorial Health Authority (STHA):

- **Stanton Medical Clinic** — located on the first floor of the hospital — provides office, exam, and procedure room space for the permanent specialists in general surgery, orthopedic surgery, obstetrics/gynecology, and pediatrics, and for visiting specialists in orthopedic back surgery, pediatric orthopedic surgery, pediatric cardiology, pediatric allergy, urology, and gynecologic oncology.
- **Stanton Medical Centre** — located less than a kilometer from the hospital — provides office, exam, and procedure room space for permanent specialists in internal medicine and otolaryngology, and for visiting specialists in oncology, nephrology, neurology, and rheumatology.
- **Stanton Eye Clinic** — located in downtown Yellowknife — provides office, exam, and procedure room space for the permanent specialist in ophthalmology.

Visiting specialists from the south see patients at both the Stanton Medical Clinic and the Stanton Medical Centre.

Outpatient clinics are provided at various locations throughout the hospital including:

- **Pre-admission clinic** — provided from the inpatient surgical unit on the second floor.
- **Northern Women's Health program** — provided from the obstetrics unit on the second floor — is a nurse practitioner led service with the goal of improving women's health.
- **Northern Options for Women** — provided from the inpatient surgical unit on the second floor — is a program dedicated to making reproductive choice and abortion services available to women in the Northwest Territories and Kitikmeot region of Nunavut.
- **Fracture clinic** — provided from the emergency department on the first floor.

-
- **Anticoagulation management clinic** — provided from the emergency department.
 - **Adult and pediatric follow-up clinics** — provided from various locations in the hospital (for adults) or from the inpatient pediatric unit (for pediatrics).
 - **Emergency department follow-up clinic** — provided from the emergency department.

Planned Scope of Services

As part of program renewal, both the permanent and the visiting specialists will see patients in one of two clinics in Yellowknife. The Permanent Specialists Clinic will consolidate the following permanent specialties: general surgery, orthopedic surgery, obstetrics/gynecology, pediatrics, internal medicine, and otolaryngology. The Outpatient Clinic will consolidate all the visiting specialties as well as all other outpatient clinics currently distributed throughout the hospital. These 2 clinics will be part of the Ambulatory Care of the hospital building. The objective is to achieve operational and space efficiencies as well as to facilitate and enhance collaboration among the caregivers.

The primary activities to be performed in the Outpatient Clinic will include:

- Initial consults on newly referred patients.
- Follow-up consults on patients previously seen in the clinic, returning from treatment provided elsewhere, or recently discharged from an inpatient unit at STH.

All diagnostic testing and minor treatments or procedures currently performed in existing clinics will be performed in either the Diagnostic Centre, Day Procedure Unit, or in one of the two procedure rooms to be provided as part of the Ambulatory Care Centre. At this time, it is assumed that the Stanton Eye Clinic will remain outside the hospital.

Hours of Operation

Permanent Specialists Clinic – will continue to schedule patients from 0800 to 1600 hours, Monday through Friday with a 45-minute lunch break.

Outpatient Clinic – will schedule patients from 0800 to 1600 hours, however the hours may vary depending on the specific clinic. Visiting specialists may see patients into the evening if needed to accommodate wait-lists between visits. Clinics may also expand to Saturdays in the future.

Projected Workload and Exam Room Requirements

Exam room requirements were calculated for both the permanent specialists and for the outpatient clinics and visiting specialists.

A total of 20,819 annual visits are projected for the permanent specialists based on the expected number of physician full-time equivalents (FTE) needed in the community to be a Level III Trauma Centre (22 FTE). There are currently 15.0 FTE specialists for internal medicine, otolaryngology, general surgery, orthopedic surgery, obstetrics/gynecology, and pediatrics. The projected visits were based on the current average annual visits per permanent specialist FTE and adjusted for the increase in FTEs. The available “annual hours per each exam room” assumes that all exam rooms are scheduled 250 days per year, 6.5 hours per day at 90% utilization — allowing for a 10% scheduling inefficiency. Approximately five exam rooms will be required for the permanent specialists based on the calculations in the table on the following page. A decision was made to increase the exam room allocation to 6 to accommodate each specialty and/or to accommodate the potential addition of urology as a permanent specialty.

Table 12 – Exam Room Calculation for the Permanent Specialists

Permanent Specialty	Projected Physician FTEs	2045 Projected Visits	Estimated Average Minutes/ Visit	Required Annual Room Time (Hours)	Annual Hours/Each Exam Room	Exam Rooms Required
Ob-Gyn	4.0	2,488	40	1,659	1,625	1.0
General Surgery	4.0	4,556	20	1,519	1,625	0.9
Orthopedic Surgery	4.0	5,180	15	1,295	1,625	0.8
Pediatrics	4.0	3,236	40	2,157	1,625	1.3
Otolaryngology	2.0	2,075	15	519	1,625	0.3
Internal Medicine	4.0	3,284	30	1,642	1,625	1.0
Total	22.0	20,819	25	8,791	1,625	5.3 (6)

In addition to the projected visits for the permanent specialists, another 10,801 annual visits are projected for the visiting specialists and the outpatient clinics. The need for approximately six exam rooms was calculated based on the expected half-days per week and the target average visits per half-day, assuming 250 days per year of operation (outlined in the following table). Given the expected increase in ambulatory care clinics in the future, a decision was made to increase the exam room capacity to 8 (this will be achieved by converting standard consult rooms to full exam rooms).

Table 13 – Exam Room Calculation for the Visiting Specialists and Outpatient Clinics

Outpatient Clinic	2045 Projected Visits	Planned Clinic Half-Days/ Week	Planned Average Visits/ Half-day	Projected Average Visits/ Week	Exam Rooms Required
Pre-Admission Clinic	2,160	10	4.0	43.2	1.1
Northern Women's Health Program	1,926	10	4.5	38.5	0.9
Fracture Clinic	1,560	4	9.0	31.2	0.9
Anticoagulation Management	1,331	5	6.0	26.6	0.9
Pediatric Follow-Up	188	1	4.5	3.8	0.8
Visiting Specialists	3,127	6	12.0	62.5	0.9
Subtotal (in Clinic Area)	10,292	36	40.0	205.8	5.5 (6+2)
Northern Options for Women (DPU)	509	4	3.0	10.2	0.8
Total OP Clinics	10,801	40	43.0	216.0	6.3

Projected Staffing

The projected staffing (headcount) for the clinic-based staff – excluding the physicians – is shown in the table on the following page. The nurse practitioners (NPs) that support the permanent specialists have expertise in internal medicine, pediatrics, and orthopedic surgery. These practitioners will have office/cubicles in the Permanent Specialists Clinic. The orthopedic surgery nurse practitioner also covers the fracture clinic. The nurse practitioner who oversees the ED follow-up clinic will work in the Emergency Department when the clinic is not in session. The NP/RN who covers the Northern Options for Women program (four half-days/week) will have an office/cubicle in the Outpatient Clinic, but will perform consults and assist with the associated procedures in the Day Procedures Unit. A hospital-based pharmacist will oversee the

anticoagulation management clinic during the five, half-days per week that this clinic is held. Although not listed in the staffing table, two (2) offices for Ambulatory Care Centre managers will be located within the Ambulatory Care Centre.

Table 14 – Projected Staffing (Headcount) for the Outpatient Clinic

Position	Headcount by Shift		
	Day	Evening	Night
Nurse Practitioner (IM, Pediatrics, Orthopedic Surgery)	3	-	-
Registered Nurse (RN)	5	-	-
Clinical Program Assistants	8	-	-
Subtotal (Permanent Specialists Clinic)	16	-	-
Registered Nurse (Pre-Admission Clinic)	1	-	-
Nurse Practitioner (ED Follow-Up Clinic)	1	-	-
Nurse Practitioner (NWHP & NOW)	1	-	-
Nurse Practitioner/RN (Oncology)	1	-	-
Nurse Practitioner (Visiting Specialists Clinic)	1	-	-
Unit Clerk	1	-	-
Clinical Coordinator	1		
Subtotal (Outpatient Clinics)	7	-	-
Total (Clinic-Based Staff)	27	-	-

Equipment & Technology

Any diagnostic or treatment equipment used in the exam room or the procedure room will be portable. Major diagnostic tests and procedures will be performed in either the Diagnostic Centre, Day Procedures Unit, or in one of the two procedure rooms to be provided as part of the Ambulatory Care Centre. Although space will accommodate the use of paper charts, it is assumed that by 2045 all documentation will be electronic. However, no paper charts will be stored in the Ambulatory Care Centre, but will be stored in Health Records. Telehealth and videoconferencing technology will be increasingly used for initial screening, monitoring, and for patient follow-up as well as to provide clinical support and education for remote providers.

Medical Day Care Unit: Functional Planning Assumptions

Current Situation

The medical day care area is currently located on the third floor within the inpatient medical unit (3-East) and occupies 130 component gross square metres (CGSM). This space was originally designed for inpatient care — the equivalent of four inpatient bedrooms — and includes a treatment area (with four bays), an endoscopy procedure room, a cardiac stress testing room, a staff charting/work area, a small waiting area with three to four chairs, and a patient washroom. The existing treatment area is undersized with inadequate space between patient bays to minimize cross infection and provide appropriate visual and acoustical privacy. The congested waiting area allows waiting patients direct view of the endoscopy room and the patient washroom. The endoscopy room is also undersized and lacks negative pressure. There is inadequate storage overall, particularly for storing scopes or holding a stretcher. Cardiac stress testing and Holter monitoring have subsequently been moved down the hall to an inpatient bedroom.

Planned Scope of Services

Specific service components to be included in the reconfigured Medical Day Care Unit (MDCU) area:

- **Chemotherapy.** The MDCU will provide chemotherapy services (primarily infusions) under the direction of a visiting oncologist or local internist with chemotherapy expertise. This may be done virtually (by telephone and/or telehealth) and supplemented with monthly on-site visits. When on site, the oncologist will visit the MDCU to meet patients and consult with the staff (oncology consults will occur in the Outpatient Clinic). Intravenous chemotherapy preparations will be prepared in the pharmacy and delivered to the MDCU in time for the scheduled treatment.
- **IV therapy/OPAT.** Intravenous or parenteral therapy (IV therapy) will include a variety of procedures from blood and blood product administration to non-chemotherapy drug infusions. Outpatient antimicrobial therapy (OPAT) will also be provided within the MDCU (currently provided in the emergency department).
- **Central venous catheter care (CVC).** The MDCU nurses will be responsible for the care and management of patients with CVCs — catheters inserted in the arm or chest to give medicines, fluids, nutrients, or blood products via a large vein, over a long period of time, usually several weeks or more. CVC care will be provided in a procedure room in the ACC.
- **Minor procedures.** A number of minor procedures will be performed in one of the ACC procedure rooms including paracenteses, thoracenteses, and liver biopsies. Physicians will perform these procedures with support as required from MDCU nursing staff.
- **Wound care.** Registered nurses with wound care expertise will be based in the MDCU and provide wound care to both outpatients and inpatients. Outpatient wound care will be provided in a procedure room in the ACC.

The Cancer Patient Navigator, who supports cancer patients and their families throughout the hospital, will be relocated to an easily accessible location.

Hours of Operation

The MDCU will provide IV therapy/OPAT from 0800 to 1600 hours seven days per week. Chemotherapy, CVC care, minor procedures, and wound care will be provided from 0800 to 1600 hours, Monday to Friday.

Projected Workload and Key Treatment Spaces

The Medical Day Care Unit will provide its services to adults from all over the Northwest Territories and the Kitikmeot Region of Nunavut. The table on the following page compares the current five-year average visits/procedures with the projected visits/procedures through 2045.

By 2045, there will be an average of 12 patients per peak weekday receiving chemotherapy and IV therapy/OPAT at the MDCU with an average of 10 patients per day on the weekends. A total of six treatment bays (with recliner chairs) is planned to accommodate these patients — assuming that each chair will turn over twice during the shift. In addition, a procedure room will be provided for other procedures and CVC and wound care (contiguous with the Outpatient Clinic procedure room).

By 2045, there will be up to 15 patients per peak weekday receiving chemotherapy and IV therapy/OPAT at the MDCU with an average of 4-5 patients per day on the weekends. A total of six treatment spaces are planned to accommodate these patients, 4 treatment bays with recliner chairs and 2 treatment rooms that will accommodate either a recliner chair or a stretcher. It is assumed that each space will turn over 2 to 3 times during a weekday shift. In addition, a procedure room will be available in the ACC for other procedures and wound care. CVC care will be provided within the MDC in one of the treatment rooms.

Table 15 – Projected Medical Day Care Unit Visits/Procedures

MDCU Visits/Procedures	Current	Projected			
	Average 2006-2010	2020	2025	2030	2045
Chemo/IV Therapy	1,211	1,326	1,357	1,381	1,503
OPAT	1,825	1,970	2,017	2,051	2,233
CVC Care	358	379	388	394	429
Subtotal (in MDCU)	3,394	3,675	3,762	3,826	4,165
Other Procedures (Procedure Rm)	93	114	116	118	129
Wound Care (Procedure Rm)	---	---	---	---	---
Total	3,487	3,789	3,878	3,944	4,294

Projected Staffing

The projected staffing (headcount) for a MDCU with six treatment bays and a procedure room is shown in the table on the following page. Reception/registration will be provided by the Customer Service Centre for patients that have not been pre-registered. Scheduling will be provided by the centralized booking office staff.

Table 16 – Projected Staffing (Headcount) for the Medical Day Care Unit

Position	Headcount by Shift		
	Day	Evening	Night
Registered Nurse (OPAT)	1	---	---
Clinic Coordinator	1	---	---
Registered Nurse (Chemo/IV Therapy)	1	---	---
Registered Nurse (Wound Care) Based in MDC	1	---	---
Subtotal (in MDC)	4	---	---
Cancer Patient Navigator (Based in alternate location)	1	---	---
Total (Clinic-Based Staff)	5	---	---

Note: Cancer Patient Navigator does not need to be with this group, but needs an office.

The Wound Care Nurse would go to procedure area in Clinic, and would need supply storage for dressings, etc.

Renal Care Unit: Functional Planning Assumptions

Current Situation

The hemodialysis service is located on the second floor of the hospital. Four hemodialysis stations occupy the equivalent of two inpatient bedrooms. One of the stations is used for isolation and is dedicated for the exclusive use of one patient positive for Hepatitis B. A second hemodialysis unit for the Northwest Territories is located at the Hay River Hospital.

Planned Scope of Services

An integrated, territorial-wide renal care program will be established in Yellowknife and will be located at the Stanton Territorial Hospital. A nephrologist from Edmonton will continue to provide visiting specialty services

to the hospital with four visits per year. The nephrologist is responsible for the medical supervision and direction of the territorial-wide program, including hemodialysis, peritoneal dialysis, renal insufficiency, and surveillance. A territorial-wide renal registry will be established to assist the program in planning, organizing, and evaluating services.

The operational plan specifies that six outpatient hemodialysis stations are to be provided. In addition, one ICU patient room will be constructed hemodialysis capable. Teleconferencing will be utilized for regular patient reviews by the Stanton staff and the nephrologist. The staff will participate in monthly patient conferences or reviews by teleconference with the nephrologist from Edmonton.

Six additional outpatient hemodialysis stations are to be planned as shelled space, intended to provide some flexibility for the changes in the delivery of medial service in future years. Appropriate patient and staff support spaces to accommodate these future treatment stations will also be included. The shelled space must be designed and built for convenient future expansion, with all necessary services sized accordingly and brought to the edge of the shelled space. Expansion must not interfere with the operation of the currently planned six station renal unit.

Hours of Operation

The Renal Care Unit will operate from 0800 to 2000 hours, Monday to Friday, with hemodialysis provided up to 12 hours per day, seven days per week as required. Inpatient hemodialysis at STH will operate on an as needed basis.

Projected Workload

Projected utilization in the number of hemodialysis runs, based on the most recent two-year average run rate is provided in the following table. The average treatment is four hours. These projections should be used with caution, as projected activity based on current utilization is not a reliable predictor of the need for hemodialysis services (e.g. incidence and prevalence of end stage kidney disease in the future requiring dialysis). The movement toward peritoneal dialysis as the first option for renal patients will also impact future workload volumes.

Table 17 – Projected Hemodialysis Runs

Hemodialysis	Current	Projected			
	Average 2009-2010	2020	2025	2030	2045
Runs	1,059	1,137	1,163	1,183	1,288

Projected Staffing

All renal program staff will be located at the hospital and coverage of the inpatient units will be through outreach (renal nurses providing hemodialysis in the ICU when needed). Biomedical personnel and dietician resources associated with the renal program will be utilized to support both inpatient and outpatient hemodialysis. The projected staffing (headcount) for the renal care program is shown in the following table.

Table 18 – Projected Staffing (Headcount) for the Renal Care Program

Position	Headcount by Shift		
	Day	Evening	Night
Clinical Coordinator	1	---	---

Nurse Practitioner (Renal Insufficiency Clinic)	1	---	---
Registered Nurse (Hemodialysis)	2	---	---
Dietician (Hospital-based)	1	---	---
Biomedical Engineer (Hospital-based)	1	---	---
Total	6	---	---

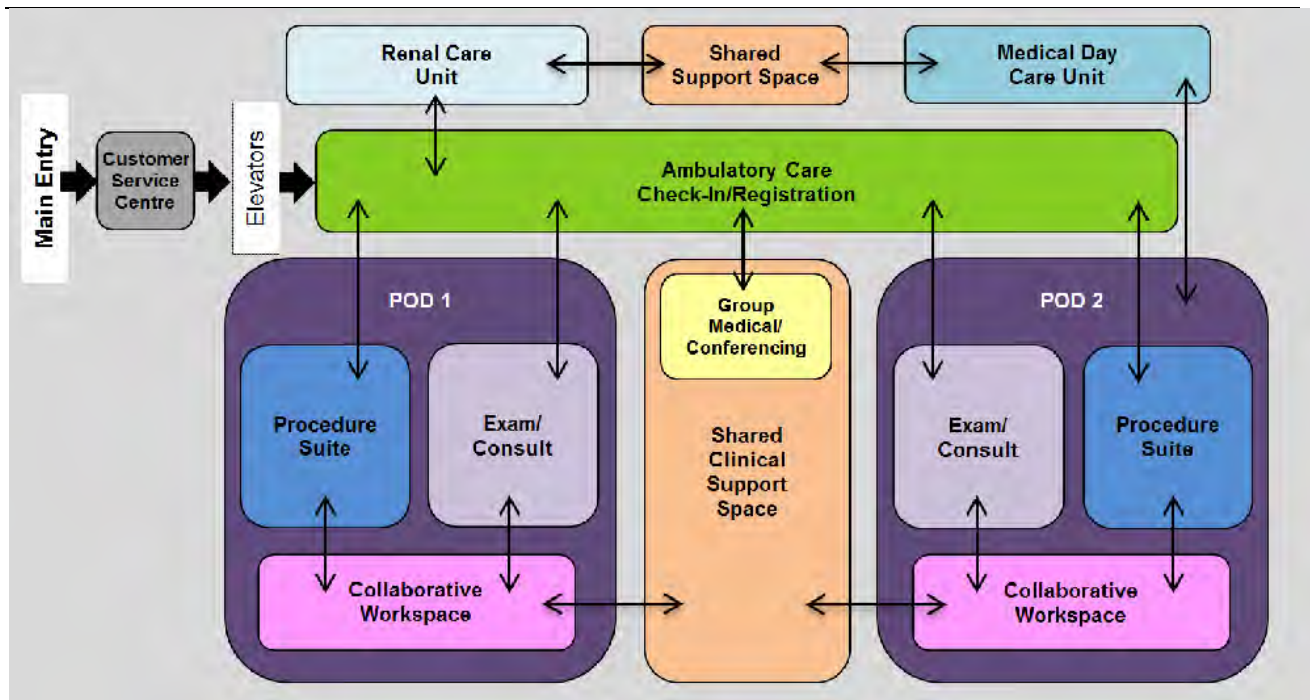
Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

The renewed Ambulatory Care Centre (ACC) will provide one-stop shopping for most ambulatory care provided at STH. Along with the Day Procedure Unit and the Diagnostic Centre, the ACC will be one of a limited number of outpatient destinations at the hospital which will simplify outpatient way finding and streamline outpatient care delivery. At the same time, discreet circulation patterns and holding/staging space will be provide for inpatients who may need access to ambulatory care services (e.g. hemodialysis, procedure rooms).

As shown in the diagram following, the Ambulatory Care Centre will be comprised of four key areas – the Exam/Treatment Spaces, the Collaborative Work Spaces, Medical Day Care Unit, and the Renal Care Unit. A common ambulatory care check-in area will support these service areas. Shared support and clinical support space will be provided where feasible.

Diagram 3 – Ambulatory Care Centre Major Facility Components and Functional Adjacencies



Patient Access and Circulation

The majority of outpatients will already be pre-registered when they arrive at the main hospital entrance. They will be directed to the Ambulatory Care Reception where their identification will be checked or registered, if required. Once check-in is completed (or registration), they will be directed to the Outpatient Clinic waiting area or escorted to either the medical day care or renal care sub-waiting areas. Post-visit or treatment, outpatients will check-out at the respective area where their care was provided and depart via the elevators to the hospital main entrance. Diagnostic Centre visits will be coordinated, to the extent possible, so that outpatients can undergo testing on the same visit.

Inpatients — arriving either in a wheelchair or on a stretcher — will be taken to an inpatient holding alcove within the procedure suite until they are transported to the appropriate treatment area. Once their treatment is completed, the inpatient unit will be notified to pick up the patient.

Permanent Specialists patients will be booked by either Clinical Program Assistants or the Booking Office (to be determined) according to the nature and urgency of the visit – urgent, semi-urgent, elective, or via telehealth. Related visits and testing will be scheduled at the same time whenever possible. Either a new chart will be created or the patient's existing chart will be requested from Health Records and transported to the clinic on the day of the appointment.

Outpatients will be booked by the Booking Office using a referral form and scheduled according to the specific clinic booking criteria. Related visits and testing will be scheduled at the same time whenever possible. Either a new chart will be created or the patient's existing chart will be requested from Health Records and transported to the clinic on the day of the appointment.

Once at the Ambulatory Care Centre, clinic patients will be retrieved from the central waiting area by a clerk, program assistant, or nurse and taken to an intake alcove in each clinic for initial assessment - including vital signs, weight, etc., or directly to the exam/consult room. The patient will then be escorted to an exam,

consult, or procedure room along with his/her paper chart. Providers will also have access to the electronic medical record at workstations within each exam/consult/procedure room. Once the exam/consult/procedure is completed by the provider(s), the patient will receive discharge instructions as per clinic protocol. On exit, the patient may be requested to check-in with a program assistant or receptionist to book a simple follow-up appointment, or they may be given the booking office phone number to call if the follow-up appointment is more complex. If additional testing is required, the patient will be directed to the appropriate location within the hospital either before or after their clinic visit. After the provider documents his/her notes manually or electronically, the chart will be sent back to Health Records for filing.

Medical day care patients will be scheduled for an initial appointment with the nurse and/or physician in the MDCU. Outpatients will be seen in the MDCU and inpatients will be seen on the inpatient unit. Emergency department patients may be given their first treatment in the ED. Once a treatment protocol is confirmed, the information will be relayed to the booking office for subsequent scheduling.

Upon arrival at the Medical Day Care Unit, outpatients requiring chemotherapy, IV therapy, OPAT, or CVC care will be assigned to a treatment space – either in a recliner chair in one of the semi-enclosed treatment cubicles or in a recliner chair or stretcher in one of the two enclosed treatment rooms. CVC care will be provided as part of a scheduled infusion visit or as a separate discreet visit. Patients will be escorted to the Procedure Suite for wound care appointments or for any special procedures (e.g. thoracentesis, paracentesis). Outpatients will exit via the elevators through the main hospital entrance after their treatment is completed.

Likewise, outpatients arriving at the Renal Care Centre for hemodialysis will be assigned to one of five semi-enclosed treatment cubicles or the private treatment room. Renal insufficiency patients will meet with the Nurse Practitioner in the office/consult room.

Major Facility Components

As shown in the functional diagram on the previous page, the Ambulatory Care Centre will include eight major functional areas as follows:

- **Ambulatory Care Check-In Area**
- **Exam/Treatment Spaces**
- **Collaborative Work Spaces**
- **Shared Clinic Support Space**
- **Medical Day Care Unit**
- **Renal Care Unit**
- **Shared Support Space**

The Medical Day Care Unit and Renal Care Unit will share common clinical support space – clean/soiled utility rooms, equipment storage room, and staff facilities.

3.1 Ambulatory Care Check-in Area

This area will be the first point of contact for patients as they arrive to the Ambulatory Care Centre. A welcoming reception/check-in desk and comfortable waiting area will be provided along with washroom facilities.

- **Reception/Check-In Desk** immediately adjacent to the elevator lobby with an open reception desk with two staff workstations in view of the family/visitor lounge. Also includes an on-stage workstation for the Unit Clerk, a pneumatic tube and an office equipment alcove.
- **Self Check-In Kiosk** that is free-standing with queuing space for self check-in and in view of the registration/communication cubicles.
- **Waiting Area** that will primarily support ambulatory care waiting with seating for up to 30 patients/visitors (with two wheelchair/bariatric seats) and within view of the check-in desk. This includes for inclusion of a child play alcove.
- **Public Washrooms (2)** for male and female and each including an entry vestibule, two hand washing sinks, wheelchair accessible toilet and standard toilet stall for female and urinal for male.
- **Public Washroom** for family/bariatric use (unisex) and is wheelchair accessible.
- **Conference Room** with seating for 15-18 persons and teleconferencing capabilities; for patient education, family conferences, or ACC staff meetings. To be accessible near the entry to the clinic.

3.2 Exam/Treatment Spaces

This area includes a patient intake alcove and 2 exam/treatment pods. Pods need not be equal in size due to constraints of working with existing 3rd floor layout; for example, exam/treatment and office spaces might be allocated 60% - 40% between pods.

- **Patient Intake Alcove**
- **Exam/Treatment Pods (2)** that are easily accessible with good wayfinding from central waiting area and include the following:
 - **Exam/Consult Room (Standard) (9)** with point-of-care supply in each room. All rooms have access for patients off of public corridors and access for clinicians off of collaborative staff work areas.
 - **Exam/Treatment Room (Isolation)** that are negative pressure with bariatric capability. Also includes a contiguous personal protection and equipment alcove and an ensuite isolation washroom.
 - **Procedure Room (Isolation)** that is negative pressure. Pod 1's procedure room includes four-sided access and is equipped with a ceiling mounted gantry patient lift track for a bariatric patient and associated bariatric design and used for minor treatments and procedures. Pod 2's procedure room includes three-sided access for minor procedures and wound care and is located close to the Medical Day Care Unit. Both rooms include a contiguous patient washroom that is wheelchair accessible and a contiguous PPE prep alcove consisting of a hand hygiene sink, PPE organizer and hamper for soiled materials.
 - **Clean Utility Room** for storage of clean and sterile supplies.
 - **Soiled Utility Room** for temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.
 - **Patient Washroom**

3.3 Collaborative Work Spaces

This area includes office spaces for the director, supervisor, coordinator and managers and two work area pods. Within each pod the proportion of treatment/exam space should be commensurate with the proportion

of office space (i.e. if a pod contains 60% of the exam/treatment space, it should contain about 60% of the office space as well)

- **Work Area – Pod No.1** that is accessible from Exam Pod No. 1 with privacy from the public. Includes a hospital application of a demountable partition system for flexible modular arrangement distribution of CPA's, RN's, NP's and Permanent and Visiting Specialists as teams and operations change. Includes the following spaces:
 - **Workstations (10)** for 4 Clinical Program Assistants, 3 RN's and 3 Visiting Specialists.
 - **Offices (14)** for 11 Physicians and 3 NP's.
 - **Hand Hygiene Sink** for the staff work area.
 - **Alcove** for office equipment.
- **Work Area – Pod No. 2** that is accessible from Exam Pod No. 2 with privacy from the public. Includes a hospital application of a demountable partition system for flexible modular arrangement distribution of CPA's, RN's, NP's and Permanent and Visiting Specialists as teams and operations change. Includes the following spaces:
 - **Workstations (11)** for 4 Clinical Program Assistants, 4 RN's and 3 Visiting Specialists.
 - **Offices (14)** for 10 Physicians and 4 NP's.
 - **Hand Hygiene Sink** for staff work area.
 - **Alcove** for office equipment.
- **Offices (5)** for the Clinical Coordinator, 2 Ambulatory Care Managers, a Medical Director and a Clinical Supervisor.

3.4 Shared Clinic Support Space

This area is shared by the exam/treatment spaces and includes the following:

- **Conference Room** with seating for 15-18 persons and is accessible near the entry to the clinic for group medical appointments and for staff meetings.
- **Medication Room** for medication preparation and storage. Includes a small Pyxis machine.
- **Housekeeping Closet** for the housekeeping cart, supplies and mop cleaning.
- **Equipment Storage Room** for the storing and staging of mobile equipment used in the clinics. Centrally located and easily accessible from each treatment pod.
- **Mobile Equipment Alcove (2)** for the temporary holding of stretchers, wheelchairs or mobile equipment.
- **Staff Room** with a kitchenette, dining table and 6 chairs.
- **Staff Locker Alcove** with 20 stacked purse/tote bag lockers for staff without dedicated workstations.
- **Staff Washroom (4)** that is wheelchair accessible.
- **Supply Storage** for dressings, etc. and storage used by the Wound Care Nurse.

3.5 Medical Day Care Unit

This treatment area is directly accessible from the Ambulatory Care Check-in and will include the following key spaces:

- **Reception/Staff Work Area** with 3 provider charting workstations for use by registered nurses (OPAT, Chemo/IV therapy and wound care). Also includes an office equipment alcove and a pneumatic tube.
- **Offices (2)** for the clinical coordinator and the cancer patient navigator.
- **Medical Day Care Sub-Waiting Area** with seating for up to four persons and a coat rack directly adjacent to the reception/staff work area.
- **Treatment Room (Recliner Chair) (2)** Enclosed negative pressure room with a recliner chair and includes a hand hygiene sink.
- **Patient Washroom** to accommodate negative pressure treatment room.
- **Treatment Cubicle (Recliner Chair) (4)** that are semi-enclosed with recliner chair and could be configured into 2 pods separated by staff work area. Curtains not included due to infection control issues.
- **Hand Hygiene Sink (2)** one between each two treatment cubicles.
- **Patient Washroom** to be shared and accessible between all 6 treatment rooms and is wheelchair accessible.
- **Mobile Equipment Alcove (4)** for the staging of wheelchairs/stretchers.

3.6 Renal Care Unit

This treatment area will be directly accessible from the Ambulatory Care Check-in and will include the following key spaces:

- **Reception/Staff Work Area** with three shared touch-down workstations for nursing staff and other providers, including 2 registered nurses (hemodialysis).
- **Offices (2)** for the clinical coordinator and nurse practitioner (renal insufficiency clinic)
- **Wheelchair Parking** area dedicated for wheelchairs and scooters brought in by the patients.
- **Treatment Cubicle (5)** that are flexible and semi-enclosed with recliner chair.
- **Hand Hygiene Sink (2)** one between each two to three treatment cubicles.
- **Patient Washroom** that is wheelchair accessible.
- **Treatment/Procedure Area** that includes a flexible private treatment room that is stretcher accessible with a patient washroom. This room can be used as a negative pressure exam/treatment room. Also includes a contiguous PPE prep alcove with a hand hygiene sink, personal protection and equipment organizer and container for soiled materials.
- **Nourishment Alcove** for the storage and preparation of patient snacks. Includes a sink, counter for coffeemaker and under counter refrigerator.
- **Mobile Equipment Alcove** for the holding of supply cart, wheelchair or stretcher.
- **Water Treatment Room** sized to provide treated water to future dialysis station in ICU.
- **Wheelchair Scale Alcove**

In addition, the following spaces will be shelled in for future expansion capability of the renal program:

- **Workstation** that is shared touchdown space for nursing staff and other providers.

-
- **Treatment Cubicle (5)** that are flexible and semi-enclosed with recliner chair.
 - **Hand Hygiene Sink (2)** one between each two to three treatment cubicles.
 - **Patient Washroom** that is wheelchair accessible.
 - **Isolation Treatment Room** with a contiguous PPE alcove and washroom. Can also be used as a negative pressure exam/treatment room and must be stretcher accessible.
 - **Mobile Equipment Alcove** for the holding of supply cart, wheelchair or stretcher.

3.7 Shared Support Space

This area is shared by the Medical Day Care and Renal Care Program and includes the following spaces:

- **Medication Room** for the preparation and storage of medications and includes a small Pyxis machine.
- **Clean Utility Room** for the storage of clean and sterile supplies.
- **Soiled Utility Room** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or disposal.
- **Housekeeping Closet** to store a housekeeping cart and back-up supplies and for mop cleaning.
- **Equipment Storage Room** for the storage and staging of mobile equipment used in the clinics.
- **Staff Room** with a kitchenette, dining table, and seating for six persons.
- **Staff washroom** that is wheelchair accessible.

Facility Layout and Design Considerations

Key facility layout and design considerations pertaining to the configuration of the Ambulatory Care Centre at STH are listed below:

- Convenient access should be provided between the main hospital entrance and Customer Service Centre, the public elevators, and the ambulatory care check-in area.
- With the use of electronic, hand-held pagers, visitors would not need to stay in the Ambulatory Care Centre, and should be encouraged to utilize other common areas (cafeteria and other amenities).
- The shared clinical support spaces should be directly adjacent to those service areas sharing the space (MDCU and Renal).
- A combination of treatment cubicles and enclosed rooms in the MDCU will allow immune-suppressed chemotherapy patients to be separated from other IV therapy/OPAT patients if necessary.
- While single patient rooms will allow most treatments and consults to be performed on the inpatient units, when inpatients must be transferred to the ACC, convenient access should be provided. Inpatients will be transported via wheelchair or stretcher from the inpatient unit to the inpatient holding alcove in the Procedures Suite from which they will be moved to their designated treatment area. Upon completion of treatment, they will again wait in the inpatient holding alcove until they are moved back to their unit.
- Neither MDC or Renal patients shall pass through one area to get into the other.

-
- Access to natural daylight is required for both Renal and Medical Daycare.

Summary of Space Requirements

Summary of Future Space Needs

The schedule of accommodation for the renewed Ambulatory Care Centre is included in the Appendix. Corresponding room data sheets are provided under separate cover in the *Functional Program for the Stanton Territorial Hospital Renewal Project — Room Data Sheets*. Additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

A total of 1,826.1 component gross square meters (CGSM) will be required for the Ambulatory Care Centre by 2045 based on the net square meters (NSM) tabulated in the Schedule of Accommodation and using the following net to gross space conversion factors.

It should be noted that the actual component gross square meters or “footprint” of the Ambulatory Care Centre will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

Table 19 – Summary of Future Space Requirements for Ambulatory Care Centre (2045)

Facility Component	CNSM	Conversion Factor	CGSM
3.1 Ambulatory Check-In Area	109.6	1.46	146.9
3.2 Exam/Treatment Spaces	345.7	1.46	504.7
3.3 Collaborative Work Spaces	356.8	1.46	520.9
3.4 Shared Clinic Support Spaces	108.7	1.50	163.1
3.5 Medical Day Care Unit	123.4	1.50	185.1
3.6 Renal Care Unit (including shelled space)	227.6	1.46	332.3
3.7 Shared Support Space	68.1	1.46	99.4
Total	1,339.9	1.47	1,952.4

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
3.00	Ambulatory Care Centre					
3.01	AMBULATORY CARE CHECK-IN CENTRE					
3.01.01	CSS-3	Reception: Check-in/Registration Desk	1	9	9	Immediately adjacent to elevator lobby; open reception desk with 2 staff workstations with view of family/visitor lounge.
3.01.02	WKS-1	Reception/Check-in Desk: Workstation	1	4.5	4.5	For Unit Clerk, on-stage.
3.01.03	PNT-1	Reception/Check-in Desk: Pneumatic Tube	1	2	2	
3.01.04	OEQ-2	Reception/Check-in Desk: Alcove	1	6	6	Office equipment.
3.01.05	0	Reception/Check-in Desk: Self Check-in Kiosk	1	3.7	3.7	Free-standing kiosk with queuing space for self check-in; in view of registration/communications cubicles.
3.01.06	WTA-1	Reception/Check-in Desk: Waiting Area	1	46	46	Primarily to support ambulatory care waiting; seating for up to 30 with two wheelchair/bariatric seats; within view of check in desk.
3.01.07	WTA-2	Reception/Check-in Desk: Child Play Alcove	1	5	5	Contiguous with the clinic waiting area; small alcove with child's table and chairs, books, small toys for quiet play.
3.01.08	WRS-4	Public Washroom (Female)	1	14.6	14.6	Includes entry vestibule, two handwashing sinks, wheelchair accessible toilet and standard toilet stall.
3.01.09	WRS-3	Public Washroom (Male)	1	14.6	14.6	Includes entry vestibule, two handwashing sinks, wheelchair accessible toilet and urinal.
3.01.10	WRS-4	Public Washroom (Family/Bariatric)	1	5.6	5.6	Unisex, for use by family and/or bariatric patient, wheelchair accessible.
SUBTOTAL	AMBULATORY CARE CHECK-IN CENTRE				111.0	
3.02	EXAM/TREATMENT SPACES					
3.02.01	INT-1	Patient Intake Alcove	1	5.6	5.6	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
3.02.02	EXT-1	Exam/Treatment Pod No. 1 - Exam/Consult Rooms (Standard)	9	12	108	Point of care supply in each room. Rooms should have access for patients off of public corridors, and access for clinicians off of collaborative staff work areas.
3.02.03	EXT-3	Exam/Treatment Pod No. 1- Exam/Treatment Rooms (Isolation)	1	13	13	Negative Pressure, with Bariatric Capability.
3.02.04	PPE-1	Exam/Treatment Pod No. 1- Exam/Treatment Rooms (Isolation) - PPE Alcove	1	2	2	Contiguous personal protection and equipment alcove.
3.02.05	WRS-2	Exam/Treatment Pod No. 1- Exam/Treatment Rooms (Isolation) - Isolation Room	1	4.6	4.6	Ensuite
3.02.06	PRC-2	Exam/Treatment Pod No. 1 - Procedure Room (Isolation)	1	16.5	16.5	Negative pressure isolation exam/treatment room with four-sided access, also equipped with ceiling mounted gantry patient lift track for a bariatric patient and associated bariatric design; for minor treatments and procedures.
3.02.07	PPE-1	Exam/Treatment Pod No. 1 - Procedure Room (Isolation)- PPE Prep Alcove	1	2	2	Contiguous with procedure room; includes hand hygiene sink, personal protection and equipment (PPE) organizer, hamper for soiled materials.
3.02.08	WRS-2	Exam/Treatment Pod No. 1 - Procedure Room (Isolation) - Patient Washroom	1	4.6	4.6	Wheelchair accessible, contiguous with procedure room.
3.02.09	CLU-1	Exam/Treatment Pod No. 1 - Clean Utility Room	1	5.5	5.5	Storage of clean and sterile supplies
3.02.10	SLU-1	Exam/Treatment Pod No. 1- Soiled Utility Room	1	6	6	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal
3.02.11	WRS-2	Exam/Treatment Pod No. 1 - Patient Washroom	1	4.6	4.6	
3.02.12	EXT-1	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Standard)	9	12	108	Point of care supply in each room. Rooms should have access for patients off of public corridors, and access for clinicians off of collaborative staff

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
						work areas.
3.02.13	EXT-3	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Isolation)	1	13	13	Negative Pressure, with Bariatric Capability, Point of care supply in each room
3.02.14	PPE-1	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Isolation) - PPE Alcove	1	2	2	Contiguous personal protection and equipment alcove.
3.02.15	WRS-2	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Isolation) - Isolation Washroom	1	4.6	4.6	Ensuite
3.02.16	PRC-1	Exam/Treatment Pod No. 2 - Procedure Room (Isolation)	1	23	23	Negative pressure isolation exam/treatment room with three-sided access; for minor procedures and wound care. Located close to Medical Day Care Unit.
3.02.17	PPE-1	Exam/Treatment Pod No. 2 - Procedure Room (Isolation) - PPE Alcove	1	2	2	Contiguous with procedure room; includes hand hygiene sink, personal protection and equipment (PPE) organizer, hamper for soiled materials.
3.02.18	WRS-2	Exam/Treatment Pod No. 2 - Procedure Room (Isolation) - Patient Washroom	1	4.6	4.6	Wheelchair accessible, contiguous with procedure room.
3.02.19	CLU-1	Exam/Treatment Pod No. 2 - Clean Utility Room	1	5.5	5.5	Storage of clean and sterile supplies
3.02.20	SLU-1	Exam/Treatment Pod No. 2 - Soiled Utility Room	1	6	6	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal
3.02.21	WRS-2	Exam/Treatment Pod No. 2 - Patient Washroom	1	4.6	4.6	
EXAM/TREATMENT SPACES					345.7	
SUBTOTAL						
3.03	COLLABORATIVE WORK SPACES					
3.03.01	WKS-1	Work Area - Pod No. 1 - Workstations	10	4.5	45	4 Clinical Program Assistants, 3 RN's, 3 Visiting Specialist

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
3.03.02	OFF-5	Work Area - Pod No. 1 - Office	14	7.5	105	11 Physician and 3 NP's
3.03.03	HHS-1	Work Area - Pod No. 1 - Hand Hygiene Sink	1	1	1	For staff work area.
3.03.04	OEQ-1	Work Area - Pod No. 1 - Alcove	1	4	4	Office equipment.
3.03.06	WKS-1	Work Area - Pod No. 2 - Workstations	11	4	49.5	4 Clinical Program Assistants, 4 RN's, 3 Visiting Specialist
3.03.07	OFF-5	Work Area - Pod No. 2 - Office	14	7.5	105	10 Physician and 4 NP's
3.03.08	HHS-1	Work Area - Pod No. 2 - Hand Hygiene Sink	1	1	1	For staff work area.
3.03.09	OEQ-1	Work Area - Pod No. 2 - Alcove	1	4	4	Office equipment.
3.03.10	OFF-1	Clinical Coordinator	1	9.3	9.3	
3.03.11	OFF-1	Ambulatory Care Managers	2	9.3	18.6	
3.03.12	OFF-1	Medical Director	0	9.3	0	-
3.03.13	OFF-1	Clinical Supervisor	1	9.3	9.3	
SUBTOTAL COLLABORATIVE WORK SPACES					351.7	
3.04	SHARED CLINIC SUPPORT SPACES					
3.04.01	CFR-2	Conference Room	1	30	30	Seating for 15-18 persons. To be accessible near the entry to the clinic for group medical appointments and for staff meetings
3.04.02	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes small Pyxis machine.
3.04.03	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, mop cleaning.
3.04.04	STO-1	Equipment Storage Room	1	12	12	Storing and staging of mobile equipment used in the clinics. Must be centrally located and easily accessible from each treatment pod.
3.04.05	MEA-1	Mobile Equipment Alcove	2	4.6	9.2	Temporary holding of stretchers, wheelchairs or mobile equipment.
3.04.06	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, 6 chairs.
3.04.07	LKR-1	Staff Lockers (Alcove)	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstations.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
3.04.08	WRS-2	Staff Washroom	4	4.6	18.4	Wheelchair accessible.
3.04.09	STO-1	Supply Storage	1	5	5	For dressings, etc. and storage used by the Wound Care Nurse.
SUBTOTAL SHARED CLINIC SUPPORT SPACES			108.7			
3.05 MEDICAL DAY CARE UNIT						
3.05.01	WKS-1	Reception/Staff Work Area - Provider Charting Workstation	3	3.7	11.1	Touchdown workstation. For Registered Nurse (OPAT), Registered Nurse (Chemo/IV Therapy), Registered Nurse (Wound Care).
3.05.02	OEQ-1	Reception/Staff Work Area-Office Equipment Alcove	1	4	4	Fax/copier/printer etc.
3.05.03	PNT-1	Reception/Staff Work Area - Pneumatic Tube	1	2	2	
3.05.04	OFF-1	Clinic Coordinator Office	1	9.3	9.3	
3.05.05	OFF-1	Cancer patient Navigator Office	1	9.3	9.3	Could be based in alternate location.
3.05.06	WTA-1	Medical Day Care Sub-Waiting Area	1	6	6	Seating for up to four persons, coat rack, directly adjacent to reception/staff work area.
3.05.07	MDC-2	Treatment Room (Recliner Chair)	2	13	26	Enclosed room with recliner chair; includes hand hygiene sink.
3.05.08	WRS-2	Patient Washroom	1	4.6	4.6	
3.05.09	MDC-1	Treatment Cubicle (Recliner Chair)	4	11	44	Semi-enclosed cubicle with recliner chair; could be configured into 2 pods separated by staff work area. Curtains not recommended due to infection control issues. Include Hand Hygiene Stations in Treatment Area. See CSA Z-8000-11 Table 9.1 Item 8.
3.05.10	WRS-2	Patient Washroom	1	4.6	4.6	To be shared and accessible between all 6 treatment rooms; wheelchair accessible.
3.05.11	KTC-1	Nourishment Alcove	--	0	--	Shared with Renal Care Unit.
3.05.12	MEA-1	Mobile Equipment Alcove	1	4.6	4.6	For staging of stretchers/wheelchairs.
SUBTOTAL MEDICAL DAY CARE UNIT			125.5			
3.06 RENAL CARE UNIT						

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
3.06.01	WKS-1	Reception/Staff Work Area: Workstation	3	3.7	11.1	Three shared touch-down workstations for nursing staff and other providers, including 2 Registered Nurses (Hemodialysis).
3.06.02	WKS-1	Reception/Staff Work Area: Workstation	1	3.7	3.7	Shelled in space for future expansion of renal unit
3.06.03	OEQ-1	Reception/Staff Work Area: Office Equipment Alcove	0	1.9		Shared with Medical Day Care Unit
3.06.04	PNT-1	Reception/Staff Work Area: Pneumatic Tube	0	2		Shared with Medical Day Care Unit
3.06.05	OFF-1	Offices: Clinical Coordinator	1	9.3	9.3	
3.06.06	OFF-1	Offices: Nurse Practitioner (Renal Insufficiency Clinic)	1	9.3	9.3	
3.06.07	DYS-1	Treatment Station (Open Recliner Chair)	3	7.5	22.5	Flexible, open cubicles each with recliner chair, intended for community dialysis social treatment area. 2400 from centre to centre of recliners, and 1500 mm clear between recliners. See CSA Z-8000-11 Table 9.2. Item 1
3.06.08		Treatment Station (Open Recliner Chair)	3	7.5	22.5	Shelled in space for future expansion of renal unit
3.06.09	DYS-1	Treatment Station (Patril Walls)	2	11	22	Flexible, semi-enclosed cubicles each with recliner chair. See CSA Z-8000-11 Table 9.2.
3.06.10		Treatment Station (Patril Walls)	2	11	22	Shelled in space for future expansion of renal unit
3.06.11	HHS-1	Hand Hygiene Sink	2	1	2	One between each two to three treatment cubicles.
3.06.12		Hand Hygiene Sink	2	1	2	Shelled in space for future expansion of renal unit
3.06.13	WRS-1	Patient Washroom	1	4.6	4.6	Wheelchair accessible.
3.06.14		Patient Washroom	1	4.6	4.6	Shelled in space for future expansion of renal unit
3.06.15	EXT-3	Treatment /Procedure Area: Isolation Treatment Room	1	16.5	16.5	Flexible room with a contiguous PPE alcove and wash-room; can also be used as a negative pressure exam/treatment room; must be stretcher accessible. See CSA Z-

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
						8000-11 Table 9.2. Item 2
3.06.16		Treatment/Procedure Area: Isolation Treatment Room	1	16.5	16.5	Shelled in space for future expansion of renal unit
3.06.17	PPE-1	Treatment /Procedure Area: Isolation Treatment Room - PPE Prep Alcove	1	2	2	Immediately outside the procedure room (isolation); includes hand hygiene sink, personal protection and equipment (PPE) organizer, and container for soiled materials.
3.06.18		Treatment/Procedure Area: Isolation Treatment Room - PPE Prep Alcove	1	2	2	Shelled in space for future expansion of renal unit
3.06.19	WRS-1	Treatment /Procedure Area: Isolation Treatment Room- Patient Washroom	1	4.6	4.6	Wheelchair accessible; contiguous with treatment/procedure room.
3.06.20		Treatment/Procedure Area: Isolation Treatment Room - Patient Washroom	1	4.6	4.6	Shelled in space for future expansion of renal unit
3.06.21	KTC-1	Nourishment Alcove	1	4.6	4.6	Storage and preparation of patient snacks; sink, counter for coffeemaker, and under counter refrigerator.
3.06.22	MEA-1	Mobile Equipment Alcove	1	4.6	4.6	
3.06.23		Mobile Equipment Alcove	1	4.6	4.6	Shelled in space for future expansion of renal unit
3.06.24	DYS-2	Water Treatment Room	1	20	20	Sized to provide treated water for up to 12 dialysis stations, per CSA Z8000. Includes salt/chemical storage, positive floor drainage and security/alarm equipment. Must be adjacent to treatment areas.
3.06.25	---	Wheelchair Scale Alcove	1	2	2	
3.06.26	MEA-1	Wheelchair/Scooter Parking	1	10	10	Dedicated area for wheelchairs and scooters brought in by the patients.
SUBTOTAL		RENAL CARE UNIT			227.6	
3.07	SHARED SUPPORT SPACE					

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
3.07.01	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes small Pyxis machine. Shared by medical day care and renal unit.
3.07.02	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
3.07.03	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.
3.07.04	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, mop cleaning.
3.07.05	STO-1	Equipment Storage Room	1	12	12	Storage and staging of mobile equipment used in the clinics.
3.07.06	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, 6 chairs.
3.07.07	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
SUBTOTAL		SHARED SUPPORT SPACE		68.1		
TOTAL		AMBULATORY CARE CENTRE		1338.3		

Future Flexibility

The functional program and schedule of accommodation of the Ambulatory Care Centre were prepared to optimize future flexibility and adaptability. In particular, the design of two flexible exam/treatment pods will allow the space to accommodate various operational configurations day-to-day as well as changes in medical practice, staffing patterns, technology, and linkages to other healthcare providers through 2045 with minimal renovation. The shelled renal space will allow for flexibility for changes in the delivery of medical service in future years.

Each exam/treatment room, consult room, physician office and other provider workspaces will have computer workstations to accommodate electronic health record documentation and physician order entry.

4.0 Surgery and Special Procedures

Overview of Program Renewal for Surgery and Special Procedures

In addition to the procedures performed in the surgery suite, special procedures at Stanton Territorial Hospital (STH) include gastrointestinal (GI) endoscopies, cystoscopies, coloscopies and other gynecological procedures, therapeutic abortions (Northern Options for Women program), and other minor procedures.

As part of program renewal, a Day Procedure Unit will be developed to provide efficient and coordinated pre-procedure preparation and post-procedure recovery for admit day of surgery (ADS), surgical day care (SDC), and other patients undergoing special procedures. The new Day Procedure Unit will be integrated with the existing surgery suite.

Surgical Services: Functional Planning Assumptions

Current Situation

The surgery suite — including the operating rooms (ORs) and associated support space, the post-anesthesia recovery room (PARR), and the OR booking office — occupies a total of 489 component gross square metres (CGSM) on the north side of second floor. Although there are currently three ORs, only two ORs are staffed each day. There are also five PARR stretcher bays although only three are functional due to the unusual configuration of the room. The surgery suite was originally designed with an adjacent procedure room for Cesarean sections directly outside the sterile core and connected to the inpatient obstetrical unit. This room is currently used for storage.

A separate admit day of surgery and surgical day care area (ADS/SDC) occupies the equivalent of four inpatient rooms on the west side of the second floor between the surgery suite and the inpatient surgery unit. Ten minimally-sized stretcher cubicles, two patient washrooms, and a small nurse charting station are accommodated in 131 CGSM. This area is used for pre-surgical care for patients who are admitted the day of surgery and for pre- and post-surgical care for surgical day care patients (who will be discharged from the hospital the same day). The pre-admission clinic is also conducted from this space along with anesthetist interviewing. Approximately 30% of the current total ADS/SDC patients are admitted and, therefore, are transferred directly to the inpatient surgical unit from the PARR.

Planned Scope of Services

Stanton Territorial Hospital will continue to be the primary referral centre for surgery for the Northwest Territories and the Kitikmeot Region of Nunavut although surgical procedures requiring specialized expertise and equipment will be referred to specialty centres outside the Northwest Territories. The surgery suite will provide care to patients of all ages undergoing surgical or interventional procedures requiring a sterile environment and/or the support of an anesthetist. While the majority of procedures will be performed under general anesthetic, some of the procedures will be performed with spinal or epidural anesthesia, or nerve blocks, and the majority of cases will continue to be surgical day care.

The types of surgery performed in the surgery suite include general surgery, orthopedic surgery, ophthalmology, otolaryngology, urology, gynecology, and dental surgery as well as Caesarian Sections. Cystoscopies and pain procedures — currently performed in operating rooms — will be moved into a procedure room setting; therapeutic abortions will also be performed in a procedure room. Cataract procedures could be accommodated in a procedure room as well.

It is assumed that the pre-admission clinic will move to the new consolidated Ambulatory Care Centre and that the operating room booking clerks will be co-located with other booking clerks elsewhere in the hospital.

The post-anesthesia recovery room (PARR) is staffed by nurses who are responsible for monitoring vital signs; managing the surgical site, post-operative pain, and related symptoms; and providing more intensive care as required. Patients will be discharged from the PARR on order of the anesthetist.

The existing ADS/SDC function will be integrated with the Day Procedure Unit to provide a central patient intake, prep, and recovery area for surgery, procedural, and endoscopy services — including pre-surgical care to adults who are admitted the day of surgery and pre and post-surgical care to outpatients. Pediatric surgery patients will continue to be received, prepped, and recovered on the inpatient Pediatric Unit.

As part of program renewal, case carts will be used to deliver clean supplies and instruments to the surgery suite (and to remove soiled materials/instruments). The case carts will be transported to/from the surgery suite via a hospital elevator (off hours).

Hours of Operation

The operating rooms and post-anesthesia recovery area will continue to be staffed from 0730 to 1530 hours, Monday to Friday, with call-back after hours and on weekends. Planned closures for two weeks at Christmas, two weeks in March, and two weeks in August may continue in the future.

Projected Staffing

The projected staffing (headcount) for the surgery suite is shown in the table below.

Table 20 – Projected Staffing (Headcount) for the Surgery Suite

Position	Headcount by Shift		
	Day	Evening	Night
Anesthetist	3	---	---
Clinical Coordinator	1	---	---
Registered Nurse (First Assist)	3	---	---
Registered Nurse (Operating Room — Circulating)	3	---	---
Registered Nurse (Operating Room — Scrub)	3	---	---
Registered Nurse (Float)	1	---	---
Registered Nurse (PARR)	3	---	---
Anesthetic Aide	1	---	---
Operating Room Supply Coordinator	1	---	---
Total (Surgery Suite-Based Staff)	19	---	---

Projected Workload and Key Treatment Spaces

The table below compares the current three-year average surgery cases with the projected cases through 2045.

Table 21 – Projected Surgery Cases

Current	Projected
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Surgery/ Special Procedures	Average 2007-2010	2020	2025	2030	2045
Surgery Cases (Elective)	1,759	1,890	1,935	1,968	2,142
Surgery Cases (Urgent)	306	328	336	342	372
Total	2,065	2,218	2,271	2,310	2,514

Although there are currently three operating rooms at STH, only two are staffed regularly. By 2045, there will be an average of nine to ten surgical cases per day (assuming 46 weeks per year allowing for planned closures) which can be comfortably accommodated with three ORs. The current ORs have approximately 35.5 net square metres (NSM) of useable space which is less than the minimum recommended in CSA Z8000.

Special Procedures: Functional Planning Assumptions

Current Situation

Special procedures are currently provided in the following distinct area within the hospital:

- **Medical day care unit** is located on the east side of the third floor within the inpatient medical unit — endoscopies are performed in a procedure room that is undersized and lacks negative pressurization; minimally-sized stretcher bays for prep and recovery are shared with other medical day care patients.
- **Stanton Medical Clinic** is located on the first floor near the main hospital entrance — two procedure rooms are used for colposcopies, loop electrosurgical excision procedures (LEEPs), and minor surgery (lumps and bumps).
- **Surgery suite** — cystoscopies are performed in an operating room in the surgery suite.
- **Procedure room** next to the ADS/SDS unit — therapeutic abortions are performed in this former patient room as part of the Northern Options for Women program (NOW).

Planned Scope of Services

Endoscopies and other special procedures — including cystoscopies, colposcopies, LEEP, and therapeutic abortions — will be combined with the existing ADS/SDC functions into a new Day Procedure Unit (DPU). This will provide a central patient intake, prep, and recovery area for outpatients undergoing a surgical or special procedure as well as patients being admitted the day of surgery.

After the appropriate pre-surgery preparation, surgery patients will be transported to an operating room in the surgery suite and recover in the PARR (if general anesthesia is administered). They will then be transported back to the DPU for further recovery and to receive discharge instructions.

Endoscopies and other special procedures will be performed within the DPU along with the pre-procedure preparation and post-procedure recovery.

The daily workload for endoscopy will be divided into approximately one-third gastroscopies and two-thirds colonoscopies with procedures staggered to allow for equipment reprocessing and turnaround. Cystoscopies will be scheduled according to the visiting urologist's schedule (approximately once per month) and the

number of procedures performed in a day will depend in part on the ability to reprocess cystoscopies.

Hours of Operation

The Day Procedure Unit will be staffed from 0730 to 1550 hours, Monday through Friday, with the first case beginning at 0745 and a 30-minute break for lunch. Given the projected volume, cystoscopies will be performed on selected days per month. There will be no after-hours coverage for scope cleaning; scopes will be soaked and reprocessed the next day.

Projected Staffing

A multidisciplinary team will work in the Day Procedure Unit including permanent and visiting specialists, nurses, a unit clerk, scope processing tech, and students. The projected staffing (headcount) for the DPU is shown in the table below.

Table 22 – Projected Staffing (Headcount) for the Day Procedure Unit

Position	Headcount by Shift		
	Day	Evening	Night
Registered Nurse (Conscious Sedation)	1	-	-
Registered Nurse (GI Endoscopy)	1	-	-
Registered Nurse (Special Procedures)	1	-	-
Registered Nurse (Prep/Recovery)	3	3	-
Clinical Coordinator	1	-	-
Unit Clerk	1	-	-
Technician (Scope Reprocessing)	1	-	-
Total (Day Procedure Unit-Based Staff)	9	3	-

Projected Workload and Key Treatment Spaces

The table below compares the current three-year average workload that will occur in the new Day Procedure Unit with the projected workload through 2045.

Table 23 – Projected Day Procedure Unit Workload

Prep/Recovery/ Procedures	Current	Projected			
	Average 2007-2010	2020	2025	2030	2045

Admit Day of Surgery (ADS)	537	577	591	601	654
Surgical Day Care (SDC)	1,222	1,313	1,344	1,367	1,488
Subtotal (Prep/Recovery)	1,759	1,890	1,935	1,968	2,142
GI Endoscopies	1,730	1,856	1,900	1,932	2,104
Cystoscopies	299	341	349	355	386
Subtotal	2,029	2,197	2,249	2,287	2,490
Colposcopy	302	331	340	348	376
LEEP	23	25	26	26	28
Therapeutic Abortions	291	312	320	327	354
Subtotal	616	668	686	701	758
Total	4,404	4,755	4,870	4,956	5,390

By 2045, there will be an average of 22 patients per day in the DPU — three ADS patients (prep only), six SDC patients (prep/recovery), 10 GI endoscopy patients, and three patients undergoing other special procedures. Assuming that each prep/recovery bay is turned over at least twice during the day, a total of 10 stretcher bays should be sufficient.

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

The Day Procedure Unit will be located on the contiguous with the Surgery Suite to provide convenient access to the operating rooms for ADS/SDS patients. Pediatrics surgery patients will be prepped and recovered on the inpatient Pediatric Unit while other procedures on children will be performed in the multi-purpose procedure room within the Day Procedure Unit.

Patient Access and Circulation

Unless pre-admission is required, all patients will arrive the day of their procedure and check-in at the Customer Service Centre. They will then be directed (or escorted) to the Day Procedure Unit. Patients will be received by a nurse who will take them to a prep/recovery stretcher cubicle. At this point, the patient will change into a gown and the nurse will conduct a pre-procedure assessment. ADS/SDC patients will be interviewed by an anesthetist as well. Pre-surgical or pre-procedure preparation will be provided as appropriate.

ADS patients will be transported to an operating room (with their belongings sent to the inpatient surgical unit) and then moved to an inpatient bed after they are discharged from the post-anesthesia recovery room. Patients on stretchers will not be transported through the public corridors.

Outpatients undergoing surgery, endoscopy, or other special procedures will be transported to the appropriate procedure room — an operating room, endoscopy room, or multi-purpose procedure room — and brought back to the stretcher cubicle in the DPU after their procedure. Once their pain and symptoms have been managed and discharge instructions given, the patients will be discharged from the DPU and

escorted to the hospital main entrance (or Customer Service Centre if required) by a family member or support person. SDC patients will receive a follow-up phone call from a nurse within 24 hours of their discharge.

Family members and/or support persons accompanying outpatients undergoing surgery or special procedures will be directed to wait in the family/visitor lounge. If the patient has already been admitted, family members/support persons may wait in the patient's bedroom on the Surgery Unit.

Major Facility Components

As shown in the functional diagram on the following page, surgery and special procedures at STH will include the Surgery Suite and the Day Procedure Unit (with the scope processing suite) as follows:

4.1 Surgery Suite

Key priorities for renewal of the surgery suite — to accommodate program changes and the projected 2045 workload — include expansion/reconfiguration of the operating rooms and post-anesthesia recovery area (Stage I), enhancement of anesthesia and other staff support space, and the addition of a case cart staging area and a frozen section laboratory. The renewed surgery suite will require the following spaces:

- **Surgical Procedure Suite** consisting of 2 surgical procedure rooms that are sized and configured to comply with CSA Z8000 requirements with four-sided access and space for optional fixed imaging and control alcove. Also included is a surgical operating room (hybrid) per CSA Z8000 for hybrid operation/imaging procedure room, with contiguous control room and computer room. A sterile core is also a part of this suite, and requires 7.5 to 9.2 NSM per surgical procedure room exclusive of circulation. 3 scrub stations with a pair of two scrubs sink in each are located per operating/procedure room.
- **Clean Utility Room** for the storage of clean and sterile supplies.
- **Soiled Utility Room** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or destruction.
- **Case Cart Support** that includes a clean case cart holding area for the staging of nine clean case carts, and a soiled case cart holding area for the temporary removal of nine soiled case carts until removal from surgery.
- **Anesthesia Support** with an equipment alcove to accommodate spare anesthesia machines, and an anesthesia office designed per CSA Z8000 that is accessible from the hallway within the surgery/day procedure zone.
- **Frozen Section Laboratory** that provides intra-operative analysis of surgical specimens by visiting pathologist and requiring telemedicine technology.
- **Equipment Storage Room** designed per CSA Z8000 for the storage of portable X-ray equipment, stretchers, warming devices, pumps, etc.
- **Pneumatic Tube**
- **Mobile Equipment Room** with electrical support for mobile equipment.
- **Housekeeping Closet** to store the housekeeping cart. Includes a floor-level and shelving for supplies.
- **Surgery Communication Centre** with two shared provider workstations, a dedicated workstation for the operating room supply coordinator, a private office for the clinical coordinator, an alcove for office equipment and a hand hygiene sink.

- **Patient Holding/Staging Cubicle** for the staging/holding of patients on stretchers arriving from an inpatient unit.
- **Post Anesthesia Recovery (Stage 1)** consisting of 4 stretcher cubicles with curtain enclosure, 1 stretcher cubicle with an airborne isolation and anteroom, a soiled holding alcove for the storage of a soiled linen cart and waste bins, a clean supply/medication alcove for medication storage and preparation/storage of clean supplies and 3 hand hygiene sinks shared between each three to four stretcher cubicles. Also included are 2 provider charting workstations for providers working in the preparation/recovery area, and a patient washroom.
- **Male Staff Lockers/Changing Area** with an entry vestibule, a coat rack/boot storage, a staff washroom, a staff washroom with shower stall, a hand hygiene sink in addition to the staff washrooms and 10 full width lockers.
- **Female Staff Lockers/Changing area** with an entry vestibule, a coat rack/boot storage, a staff washroom, a staff washroom with a shower stall, a hand hygiene sink in addition to the staff washrooms and 20 full width lockers.
- **Staff Lounge** to be located contiguous with the staff lockers/changing rooms. The existing room size and configuration will be maintained.

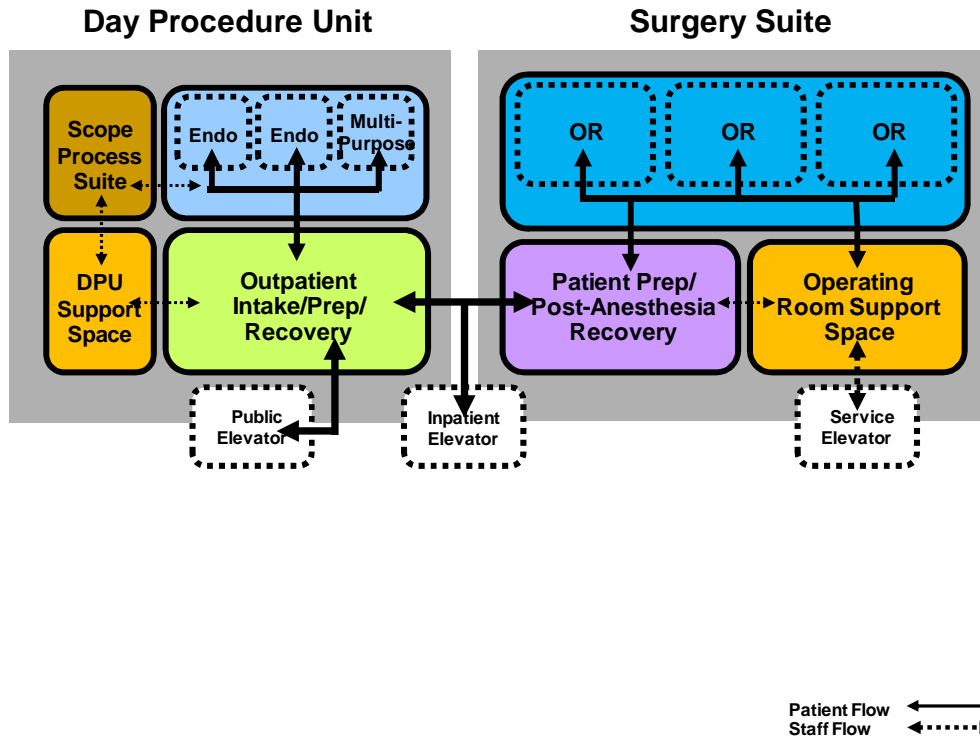
4.2 Day Procedure Unit.

This distinct area will be adjacent to the Surgery Suite and will include a reception/staff work area, patient sub-waiting alcove, a patient intake alcove, three procedure rooms, the patient prep/recovery area, and associated support space as follows:

- **Reception/Staff Work Area** consisting of a family/visitor lounge to primarily support the Day Procedure unit and Surgery family waiting area and also used for outpatient sub waiting area. Seating for up to 20 people with two wheelchair/bariatric seats and within view of the reception/staff work area. A clinical workstation is included that also function as reception and requires direct view into the waiting area. Also included are 3 provider charting workstations for providers working in DPU, a semi-enclosed physician dictation cubicle, a private office for the clinical coordinator, an office equipment alcove and a hand hygiene sink.
- **Pneumatic Tube**
- **Outpatient Sub-Waiting Area** with seating for six persons and a coat rack/alcove directly adjacent to the reception/staff work area.
- **Patient Intake Alcove** to accommodate an initial assessment of height/weight, vital signs, injections, etc. with a hand hygiene sink.
- **Procedure Room (2)** for GI endoscopies with four-sided access and connecting both procedure rooms with door access.
- **Scope Storage Room** that is accessible from both endoscopy rooms and a pass through cabinet opening onto internal circulation. The scope reprocessing suite has been relocated within medical device reprocessing.
- **Procedure Room (Multipurpose)** for cystoscopies and other adult and pediatric procedures. Includes four-sided access and will accommodate the NOW procedures.
- **NOW Waiting Area**
- **3 Bay Recovery Area** that is equipped with chairs and a minimum of 7' wide. Used for NOW patients and for other patients who do not require access to a stretcher (e.g. cystoscopies and cataract surgeries).

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- **Office Workstation** to accommodate the NOW program.
 - **Patient Washroom (2)** where one is contiguous with the multipurpose procedure room and the other is adjacent to the two GI endoscopy procedure rooms. Both washrooms are wheelchair accessible.
 - **Mobile Equipment Alcove** for the storage of a stretcher or mobile equipment and includes electrical support.
 - **Patient Intake/Prep/Recovery Area (Stage 2)** consisting of 12 stretcher cubicles with curtain enclosure that are semi-enclosed to provide acoustical separation between cubicles, a stretcher room with a negative pressure stretcher bay and ensuite washroom, 2 patient washrooms that are wheelchair accessible and 3 hand hygiene sinks shared between each three to four stretcher cubicles. The 3 stretchers for the NOW program will not be separated. This area also includes 2 staff charting workstations for providers working in the prep/recovery area and a nourishment alcove to serve snacks to patients waiting to be discharged.
 - **Clean Utility Room** for the storage of clean and sterile supplies.
 - **Soiled Utility Room** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or destruction.
 - **Medication Room** for the preparation and storage of medications with a dedicated Pyxis machine for the DPU.
 - **Equipment Storage Room** for the staging of mobile equipment. Could be located elsewhere on the floor or combined with another functional component.
 - **Housekeeping Closet** to store the housekeeping cart. Includes a floor level sink and shelving for supplies.
 - **Staff Room** with a kitchenette, dining table, and four to six chairs.
 - **Staff Locker Alcove** with 20 stacked purse/tote bag lockers for staff that do not have dedicated workstations.
 - **Staff Washroom** that is wheelchair accessible.

**Diagram 4 – Surgery and Special Procedures
Major Facility Components and Functional Adjacencies**



Facility Layout and Design Considerations

Key facility layout and design considerations pertaining to the configuration of surgery and special procedures are listed below:

- The entrance to the Day Procedure Unit should be easily recognizable.
- An internal corridor should be provided to transport the admit day of surgery and surgical day care patients on stretchers between the Day Procedure Unit and the surgery suite.
- Family members and/or support persons accompanying outpatients undergoing surgery or special procedures will be directed to wait in the family/visitor lounge. The use of hand-held beepers to alert family members or support persons when the patient's procedure has been completed should be considered to encourage those waiting to also go to the cafeteria, chapel/meditation room, or Tuck Shop. If the patient has already been admitted, family members/support persons may wait in the patient's bedroom on the Surgery Unit.
- Direct access, segregated from public circulation, between the Surgery Suite and the Obstetrics Inpatient Unit is required to facilitate stretcher access for emergency C-sections.

Specific comments relative to the internal configuration of spaces within the Day Procedure Unit include:

- Outpatients in the sub-waiting area should not be able to see into any of the procedure rooms or patient washrooms.
- The scope processing suite should be adjacent to the procedure rooms to minimize travel throughout the unit with scopes.

Specific comments relative to the internal configuration of spaces within the surgery suite include:

- Operating room staff must enter the lockers/changing areas from a public corridor and proceed into the staff lounge and sub-sterile core after they have gowned.
- The post-anesthesia recovery area (Stage I) should be conveniently located to provide direct access to/from the operating rooms — via the sub-sterile core — as well as convenient access to/from the Day Procedure Unit patient intake/prep/recovery area (Stage II) without travel through a public corridor.
- In a situation where the MDR is located above or below the Surgical Suite, case carts will be used to deliver clean supplies and instruments to the surgery suite (and to remove soiled materials/instruments). The case carts will be transported to/from the surgery suite via dedicated Clean (sterile) and Dirty (soiled) lifts. The Clean lift will go from the Sterile Stores area of MDR to the Sterile Core in the Surgical Suite. The Soiled lift will go from the Soiled Case Cart Holding Room in the Surgical Suite to the Work Area on the dirty side of the MDR. If the MDR and the Surgical Suite are located on the same floor, the same principles will apply. There must be a dedicated direct connection from the Sterile Stores area of MDR into the Sterile Core in the Surgical Suite, and another from the Soiled Case Cart Holding Room in the Surgical Suite into to the Work Area on the dirty side of the MDR.
- The MDR and Surgical suite shall be serviced by a dedicated corridor or dedicated Surgical Processing Elevators described in Schedule 3. If the components are located as per the indicative design they are to be served with dumbwaiters as per Schedule 3.

Summary of Space Requirements

Summary of Future Space Requirements

The schedule of accommodation for the renewed Surgery and Special Procedures areas is included on the following pages. Additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

Table 24 – Summary of Future Space Requirements for Surgery and Special Procedures (2045)

Facility Component	CNSM	Conversion Factor	CGSM
4.1 Surgery Suite	480.6	1.60	769.0
4.2 Day Procedure Unit	427.8	1.55	663.1
Total	908.4	1.58	1,432.1

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
4.00	Surgery and Special Procedures					
4.01	SURGERY SUITE					
4.01.01	PRC-3	Surgical Procedure Room	2	38	76	Per CSA Z8000 for four-sided access procedure room; includes space for optional fixed imaging and control alcove. Standard Surgical Procedure Rooms shall be of the same size and same-handed orientation. Provide Lift.
4.01.02	PRC-4	Surgical Operating Room (Hybrid)	1	70	70	Per CSA Z8000 for hybrid operation/imaging procedure room. Provide Lift.
4.01.03	---	Control Room	1	14	14	Contiguous with hybrid operating room.
4.01.04	---	Computer Room	1	10	10	Contiguous with hybrid operating room.
4.01.05	ORS-10	Sterile Core	1	27.9	27.9	Requires 7.5 to 9.2 NSM per surgical procedure room exclusive of circulation.
4.01.06	ORS-9	Scrub Station (2 sinks)	3	1.6	4.8	Pair of two scrub sinks per operating/procedure room.
4.01.07	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
4.01.08	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing or disposal.
4.01.09	ORS-1	Clean Case Cart Holding	1	10.8	10.8	Staging of nine clean case carts.
4.01.10	ORS-2	Soiled Case Cart Holding	1	10.8	10.8	Temporary removal of nine soiled case carts until removal from surgery.
4.01.11	MEA-2	Anesthesia Support Equipment Alcove	1	2	2	To accommodate spare anesthesia machine.
4.01.12	ORS-4	Anesthesia Office	1	9.3	9.3	Per CSAZ8000. Should be accessible from hallway within surgery/day procedure zone.
4.01.13	ORS-5	Frozen Section Laboratory	1	7.4	7.4	To provide intra-operative analysis of surgical specimens by visiting pathologist: required telemedicine technology. Requires access from both the sub sterile corridor and general staff circulation.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
4.01.14	STO-1	Equipment Storage Room	1	14	14	Per CSA Z8000: storage of portable X-ray equipment, stretchers, warming devices, pumps etc.
4.01.15	PNT-1	Pneumatic Tube	1	2	2	
4.01.16	MEA-2	Mobile Equipment Room	1	4.6	4.6	For mobile equipment with electrical support.
4.01.17	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, floor-level sink, shelving for supplies.
4.01.18	WKS-1	Surgery Communication Centre: Provider Charting Workstation	2	3.7	7.4	Touchdown stations for providers working in surgery suite.
4.01.19	WKS-2	Surgery Communication Centre: Clinical Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.
4.01.20	WKS-2	Surgery Communication Centre: Operating Room Supply Coordinator	1	4.5	4.5	Dedicated workstation.
4.01.21	OEQ-1	Surgery Communication Centre: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.
4.01.22	HHS-1	Surgery Communication Centre: Hand Hygiene Sink	1	1	1	
4.01.23	EXT-4	Patient Holding/Staging Cubicle	1	7.5	7.5	Staging/holding of patients on stretchers arriving from an inpatient unit.
4.01.24	WKS-1	Post Anesthesia Recovery (Stage 1): Provider Charting Workstation	2	3.7	7.4	Touchdown stations for providers working in the prep/recovery area.
4.01.25	HHS-1	Post Anesthesia Recovery (Stage 1): Hand Hygiene Sink	3	1	3	One shared between each three to four stretcher cubicles.
4.01.26	ORS-6	Post Anesthesia Recovery (Stage 1): Clean Supply/Medication Alcove	1	4.6	4.6	Medication storage and preparation/storage of clean supplies.
4.01.27	ORS-7	Post Anesthesia Recovery (Stage 1): Soiled Holding Alcove	1	3.7	3.7	Storage of soiled linen cart and waste bins.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
4.01.28	EXT-5	Post Anesthesia Recovery (Stage 1): Stretcher Cubicle	4	9.5	38	Semi-enclosed to provide acoustical separation between cubicles with curtain enclosure. Provide 3 Sided Access
4.01.29	EXT-6	Post Anesthesia Recovery (Stage 1): Stretcher Cubicle w/ isolation/anteroom	1	18.9	18.9	Includes airborne isolation and anteroom (13.9NSM + 5.0 NSM for anteroom as per CSA Z8000 Table 9.5).
4.01.30		Male Staff Lockers/Changing Area: Entry Vestibule	1	2.8	2.8	
4.01.31		Male Staff Lockers/Changing Area: Coat Rack/Boot Storage	1	1.9	1.9	
4.01.32		Male Staff Lockers/Changing Area: Lockers	10	0.9	9	Full width lockers.
4.01.33		Male Staff Lockers/Changing Area: Hand Hygiene Sink	1	1	1	In addition to staff washroom.
4.01.34		Male Staff Lockers/Changing Area: Staff Washroom	1	2.8	2.8	
4.01.35		Male Staff Lockers/Changing Area: Staff Washroom/Shower	1	6	6	Washroom with shower stall.
4.01.37		Female Staff Lockers/Changing Area: Entry Vestibule	1	2.8	2.8	
4.01.38		Female Staff Lockers/Changing Area: Coat Rack/Boot Storage	1	1.9	1.9	
4.01.39		Female Staff Lockers/Changing Area: Lockers	20	0.9	18	Full width lockers.
4.01.40		Female Staff Lockers/Changing Area: Hand Hygiene Sink	1	1	1	In addition to staff washroom.
4.01.41		Female Staff Lockers/Changing Area: Staff Washroom	1	2.8	2.8	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
4.01.42		Female Staff Lockers/Changing Area: Staff Washroom/Shower	1	6	6	Washroom with shower stall.
4.01.43	KTC-2	Staff Lounge	1	23.8	23.8	Existing room size/configuration could be maintained.
4.01.44	WRS-1	Post Anesthesia Recovery (Stage 1): Patient Wash-room	1	4.6	4.6	Patient washroom adjacent to the Post Anesthesia Recovery area, wheelchair accessible.
SUBTOTAL		SURGERY SUITE			487.3	
4.02	DAY PROCEDURE UNIT					
4.02.01	WTA-1	Reception/Staff Work Area: Family/Visitor Lounge	1	31	31	Primarily to support day procedure unit and surgery family waiting; also used for outpatient sub waiting area; seating for up to 20 with two wheel chair/bariatric seats. Within view of reception/staff work area.
4.02.02	WKS-2	Reception/Staff Work Area: Clinical Workstation	1	4.5	4.5	Unit clerk. Designed as clinical workstation and reception. Requires direct view into waiting area.
4.02.03	WKS-1	Reception/Staff Work Area: Provider Charting Workstation	3	3.7	11.1	Touchdown stations for providers working in DPU.
4.02.04	WKS-3	Reception/Staff Work Area: Physician Dictation Cubicle	1	4.5	4.5	Semi-enclosed.
4.02.05	WKS-2	Reception/Staff Work Area: Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.
4.02.06	OEQ-2	Reception/Staff Work Area: Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment.
4.02.07	HHS-1	Reception/Staff Work Area: Hand Hygiene Sink	1	1	1	
4.02.08	PNT-1	Pneumatic Tube	1	2	2	
4.02.09	WTA-1	Outpatient Sub-Waiting Alcove	1	8	8	Seating for up to six persons with coat rack/alcove: directly adjacent to the staff work area.
4.02.10	INT-1	Patient Intake Alcove	1	5.6	5.6	Initial assessment (height/weight, vital signs etc.); hand hygiene sink.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
4.02.11	PRC-2	Procedure Room (GI Endoscopy)	2	23	46	GI endoscopies; four-sided access; Connect both procedure rooms with door access. Gantry ceiling lift systems required.
4.02.12	DPU-1	Scope Storage Room	1	7.2	7.2	Accessible from both endoscopy rooms and pass through cabinet opening onto internal circulation.
4.02.13	PRC-2	Procedure Room (Multi-purpose)	1	23	23	Cystoscopies and other adult and pediatric procedures; four-sided access. Will accommodate the NOW procedures. Gantry ceiling lift systems required.
4.02.14	WTA-1	NOW Waiting Area	1	3	3	
4.02.15	EXT-5	3 Bay Recovery Area	1	21.2	21.2	Equipped with chairs and minimum 7' wide. Used for NOW patients and for other patients who do not require access to a stretcher (e.g. cystoscopies, cataract surgeries).
4.02.16	WKS-4	Office Workstation	1	5.2	5.2	To accommodate NOW program.
4.02.17	WRS-2	Patient Washroom	2	4.6	9.2	One of two to be planned for discrete use with 4.02.17 Now Recovery Room and the multipurpose procedure room, and the second to be planned adjacent to the two GI endoscopy procedure rooms; wheelchair accessible.
4.02.18	MEA-1	Mobile Equipment Alcove	1	4.6	4.6	Storage of a stretcher or mobile equipment with electrical support.
4.02.19	WKS-1	Patient Intake/Prep/Recovery (Stage 2): Staff Charting Workstation	2	3.7	7.4	Touchdown stations for providers working in the prep/recovery area.
4.02.20	HHS-1	Patient Intake/Prep/Recovery (Stage 2): Hand Hygiene Sink	3	1	3	One shared between each three to four stretcher cubicles. Design not to consider separation of 3 stretchers for NOW program.
4.02.21	EXT-5	Patient Intake/Prep/Recovery (Stage 2): Stretcher Cubicles	12	9.5	114	Semi-enclosed to provide acoustical separation between cubicles with curtain enclosure.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
4.02.22	WRS-2	Patient In-take/Prep/Recovery (Stage 2): Stretcher Room	1	13	13	With negative pressure stretcher bay.
4.02.23	KTC-1	Patient In-take/Prep/Recovery (Stage 2): Nourishment Alcove	1	4.6	4.6	To serve snacks to patients waiting to be discharged; will need an ice cream machine.
4.02.24	WRS-2	Patient In-take/Prep/Recovery (Stage 2): Ensuite wash-room	1	4.6	4.6	In negative pressure stretcher room.
4.02.25	WRS-1	Patient In-take/Prep/Recovery (Stage 2): Patient Wash-room	2	4.6	9.2	Wheelchair accessible.
4.02.26	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
4.02.27	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing or disposal.
4.02.28	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes Pyxis machine.
4.02.29	STO-1	Equipment Storage Room	1	12	12	Could be located elsewhere in floor or combined with another functional component.
4.02.30	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, floor level sink and shelving for supplies.
4.02.31	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, and four to six chairs.
4.02.32	LKR-1	Staff Locker Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff members without dedicated workstation.
4.02.33	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
SUBTOTAL		DAY PROCEDURE UNIT			431.9	
TOTAL		SURGERY SUITE			919.2	

Future Flexibility

The functional program and schedule of accommodation for Surgery and Special Procedures were prepared to optimize future flexibility and adaptability to accommodate changes in medical practice, staffing patterns, technology, and linkages to other healthcare providers through 2045. In particular, the aggregation of procedure rooms with the surgical operating rooms — will provide optimal future flexibility to accommodate new procedures and equipment.

5.0 Outpatient Rehabilitation Centre

Overview of Program Renewal for Outpatient Rehabilitation

Clinical services that will be located outside the hospital include the outpatient rehabilitation and the Stanton Eye Clinic. Currently located in downtown Yellowknife, the Stanton Eye Clinic is not addressed in this report (outside the scope of the functional planning study).

Outpatient Rehabilitation Centre: Functional Planning Assumptions

Current Situation

Outpatient rehabilitation includes physiotherapy, occupational therapy, speech language pathology, and audiology. Outpatient physiotherapy and occupational therapy are provided in the east wing of the first floor at STH. Speech language pathology and audiology are provided from the Stanton Medical Centre located less than a kilometer from the hospital.

Planned Scope of Services

It is assumed that all outpatient rehabilitation services — including physiotherapy, occupational therapy, speech language pathology, and audiology — will be consolidated into an Outpatient Rehabilitation Centre located outside of the hospital. Specific services will include:

Physiotherapy. Physiotherapists will provide direct care (assessment, diagnosis, treatment), monitor the delivery of treatment delegated to clients, family, or other health providers, and act as an educational resource to family and other healthcare professionals. The physiotherapists work with patients of all ages with a wide range of acute and chronic problems involving the musculoskeletal, neurological, pulmonary, and cardiovascular systems. Community outreach will also be provided.

Occupational therapy. Occupational therapists will provide diagnostic, intervention, treatment, preventative, educational, counseling and referral services to patients whose health and/or function is affected by developmental, cognitive, physical, and mental health challenges. Outpatient services include adult and pediatric therapy and community outreach.

Speech language pathology (SLP). Services will include the assessment and intervention for adults with neurological, cardiovascular, and psychiatric disabilities including dementia. As part of the school program, the therapists assist students to overcome and prevent communications problems in speech, language, voice, fluency, and feeding/ swallowing.

Audiology will provide early detection, prevention and rehabilitation of hearing loss as well as assessment of balance disorders.

Hours of Operation

The Outpatient Rehabilitation Centre will operate from 0800 to 1600 hours, Monday through Friday although extended hours will be considered as the workload grows.

Projected Workload

Projected utilization by modality for outpatient rehabilitation is provided in the following table:

Table 25 – Projected Outpatient Rehabilitation Workload

Attendances	Current	Projected			
	Average 2006-2010	2020	2025	2030	2045
Physiotherapy	8,840	9,475	9,702	9,868	10,740
Occupational Therapy	2,802	3,017	3,090	3,142	3,420
Speech Language Pathology	2,839	3,070	3,144	3,198	3,480
Audiology	1,193	1,270	1,301	1,323	1,440
Total	15,674	16,832	17,237	17,531	19,090

Projected Staffing

The projected staffing (headcount) for the Outpatient Rehabilitation Centre is shown in the following table.

Table 26 – Projected Staffing (Headcount) for Outpatient Rehabilitation

Position	Headcount by Shift		
	Day	Evening	Night
Child Development Team Coordinator	1	---	---
Family Liaison	1	---	---
Family Counselor	1	---	---
Social Worker	1	---	---
Neuropsychologist	1	---	---
Subtotal (Child Development Team)	5	---	---
Physiotherapist	7	---	---
Physical Therapy Aide	1	---	---
Program Assistant	1	---	---
Subtotal (Physical Therapy)	9	---	---
Occupational Therapist	8	---	---
Occupational Therapy Aide	2	---	---
Program Assistant	1	---	---
Rehabilitation Aide (Community Outreach)	1	---	---
Subtotal (Occupational Therapy)	12	---	---
Speech Language Pathologist	7	---	---
Program Assistant	1	---	---
Subtotal (Speech Language Pathology)	8	---	---

Audiologist	2	---	---
Hearing Aid Practitioner	1	---	---
Subtotal (Audiology)	3	---	---
Reception/Registration Clerk	1	---	---
Total (Outpatient Rehabilitation Centre)	38	---	---

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

It is assumed that assessment and treatment space for physiotherapy, occupational therapy, speech language pathology, and audiology will be consolidated in a single location — the Outpatient Rehabilitation Centre — with a single patient intake area, and related staff workstations and support space. The Outpatient Rehabilitation Centre does not need to be located within the hospital and could benefit from a more easily accessible location for outpatients who may not be very ambulatory and who will have recurrent visits.

5.1 Outpatient Rehabilitation Centre

Major Facility Components

The outpatient rehabilitation centre for the STH will be located in an off-site leased space, and will include the following components:

- **Patient Reception/Staging Area** that includes a waiting area with seating for up to 20 people with two wheelchair/bariatric seats and is directly adjacent to the staff work area. This area also includes records and office storage space, an office equipment alcove, a reception/clerical workstation, a child play alcove and a patient washroom with change table.
- **Staff Work Area** for use by the physiotherapy and occupational therapy groups. Includes a 8 provider charting workstations for physiotherapists and 9 provider charting workstations for occupational therapists, 2 clerical workstations for program assistants and an office equipment alcove.
- **Offices (4)** for the outpatient rehabilitation centre manager, and three supervisors (OT, PT, SLP).
- **Consult Room** shared occupational therapists and physiotherapists.
- **Exam/Treatment Room (2)** that are private and include plinths (treatment beds).
- **Physical Therapy Treatment Cubicles (11)** where 7 of the cubicles are standard and 4 are for bariatric use.
- **Chartering Stations (2)**
- **Open Treatment Gym** consisting of an open area with plinths, parallel bars, stairs, and wall-mounted and floor-mounted exercise equipment. Includes island with double utility sink, ice machine and chartering workstation.
- **Equipment Alcove** used for modality carts; opens off gym.
- **Hand Hygiene Sink (2)** that are easily accessible from the gym and treatment cubicles.
- **Equipment Storage Room (Gym)** that is contiguous with the open treatment gym. Used to store walkers, crutches, braces, etc.

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- **Whirlpool Room** with a portable whirlpool bath and wax bath.
 - **Occupational Therapy Activity Room** with 3 large cubicles, an upper extremity station and a work counter with utility sink. Includes room for mobile equipment.
 - **Occupational Therapy Workshop** located adjacent to the occupational therapy activity room. Includes a work counter with utility sink, a grinder, a fume hood (for work with glues and solvents) and a hazardous goods cabinet.
 - **Small Pediatric Exam/Treatment Room** that is private for use by pediatric patients.
 - **Viewing Console** that is contiguous with the viewing window into both pediatric rooms.
 - **Large Pediatric Treatment Room** that includes gross motor activity and suspension equipment.
 - **Hand Hygiene Sink (2)** that are easily accessible from the occupational therapy work areas.
 - **Patient Washrooms (2)** that are wheelchair accessible and for use by all rehab components.
 - **Equipment Storage Room (OT Pediatric)** that is contiguous with the large pediatric treatment room.
 - **Equipment Storage Room (OT Adult)** that is located near the OT activity and exam rooms with access to off-site storage in warehouse. For the storage of soft goods.
 - **Equipment Storage Room (OT Adult)** for ADL equipment and access to off-site storage in warehouse.
 - **Provider Work Area** for use by the SLP and audiology groups. Includes 7 off-stage workstations per speech language pathologist, 2 off-stage workstations per audiologist, 1 off-stage workstation for the SLP program assistant, 1 off-stage workstation for the hearing aid practitioner and an office equipment alcove.
 - **SLP/Audiology Testing Suite** that includes an audiology sound booth with 2 rooms and a mini sound booth that includes a station for the operator, a workstation for hearing aid fitting, a viewing window and a hand hygiene sink. Also includes a multi-purpose testing room with ABR (no electrical interference), VNG, a hand hygiene sink, a workstation and space for a future mini sound booth.
 - **Audiology Workshop** for hearing aid fitting. Located near the audiology testing suite and includes a hand hygiene sink.
 - **Consult/Assessment Room (4)** that are shared by the speech language pathologists, audiologists and the child development team for individual consults and team/family conferences. Includes telehealth capability.
 - **Viewing Console** that is contiguous with the viewing window into two of the consult assessment rooms.
 - **Equipment Storage Room (SLP/Audio.)** located in the SLP/Audiology zone.
 - **Staff Work Area** that includes a semi-enclosed workstation for the child development team coordinator, a semi-enclosed workstation for the fetal alcohol spectrum disorders (FASD) family liaison and a workstation shared by the family counselor, social worker and neuropsychologist.
 - **Housekeeping Closet** to store the housekeeping cart, supplies and mop cleaning.
 - **Equipment Storage Room** for travelling equipment.
 - **Clean Utility Room** for the storage of clean and sterile supplies and the capability to be subdivided. Also used for the temporary staging of supplies and equipment.
 - **Soiled Utility Room** for the temporary storage of supplies to be moved for cleaning, reprocessing or disposal.

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- **Laundry Room** that includes a washer, dryer, utility sink, and storage shelving.
 - **Conference Room** with seating for 12 persons and telehealth capability.
 - **Staff Room** that includes a kitchenette, dining table and 6 chairs.
 - **Staff Coat & Boots (33)** area that could be broken into several areas.
 - **Staff Washrooms (2)** that are wheelchair accessible.

Summary of Space Requirements

Summary of Future Space Needs

A listing of required spaces is listed in the following table. Corresponding room data sheets are provided under separate cover in *Stanton Territorial Hospital Renewal Project – Room Data Sheets* outline additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets. This information is intended to supplement the FF&E list, and the relevant codes and standards.

A total of 908.4 net square metres (NSM) will be required for the Outpatient Rehabilitation Centre by 2045 based on areas tabulated in the schedule of accommodation and using a net to gross space conversion factor of 1.40. It should be noted that the actual component gross square metres or “footprint” will depend on the limitations of the planned location and whether the space will be leased or newly-constructed.

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
5.01.01	WTA-1	Patient Reception/Staging Area: Waiting Area	1	31	31	Seating for up to 20 persons with two wheelchair/bariatric seats; directly adjacent to the staff work area.
5.01.02	--	Patient Reception/Staging Area: Records and Office Storage	1	9.3	9.3	Active files, mail, office supplies
5.01.03	OEQ-2	Patient Reception/Staging Area: Office Equipment Alcove	1	6	6	Printer/copier/fax and other related equipment.
5.01.04	WKS-2	Patient Reception/Staging Area: Reception/Clerical Workstation	1	3.7	3.7	Reception/check-in desk.
5.01.05	WTA-2	Patient Reception/Staging Area: Child Play Alcove	1	5	5	
5.01.06	DXS-1	Patient Reception/Staging Area: Patient Washroom	1	4.6	4.6	With change table
5.01.07	WKS-2	Staff Work Area (Physio/Occ. Therapy): Provider Charting Workstation	8	3.7	29.6	Touchdown stations for physiotherapists.
5.01.08	WKS-2	Staff Work Area (Physio/Occ. Therapy): Provider Charting Workstation	9	3.7	33.3	Touchdown stations for occupational therapists.
5.01.09	WKS-2	Staff Work Area (Physio/Occ. Therapy): Clerical Workstation	2	3.7	7.4	Program assistants (physiotherapy and occupational therapy)
5.01.10	OEQ-1	Staff Work Area (Physio/Occ. Therapy): Office Equipment Alcove	1	4	4	Printer/copier/fax and other related equipment.
5.01.11	OFF-1	Office: Outpatient Rehabilitation Centre Manager	1	9.3	9.3	
5.01.12	OFF-1	Office: Supervisor OT	1	9.3	9.3	
5.01.13	OFF-1	Office: Supervisor PT	1	9.3	9.3	
5.01.14	OFF-1	Office: Supervisor SLP	1	9.3	9.3	
5.01.15	EXT-1	Exam/Treatment Room (Standard)	2	12	24	Private exam/treatment for PT/OT with plinths (treatment beds)
5.01.16	CSL-1	Consult Room	1	11	11	Shared OT/PT

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
5.01.17	--	Physical Therapy Treatment Cubicles: Standard	7	8.5	59.5	As per CSAZ8000
5.01.18	--	Physical Therapy Treatment Cubicles: Large/Bariatric	4	9.5	38	As per CSAZ8000
5.01.19	WKS-6	Charting Stations	2	1.4	2.8	
5.01.20	RHB-1	Open Treatment Gym	1	90	90	Open area with plinths, parallel bars, stair, and wall-mounted and floor-mounted exercise equipment. Includes island with double utility sink, ice machine charting workstation
5.01.21	MEA-1	Equipment Alcove	1	8	8	Used for modality carts, opening off gym
5.01.22	HHS-1	Hand Hygiene Sink	2	1	2	Easily accessible from gym and treatment cubicles.
5.01.23	STO-1	Equipment Storage Room (Gym)	1	16	16	Contiguous with open treatment gym. For walkers, crutches, braces etc.
5.01.24	RHB-2	Whirlpool Room	1	8.5	8.5	Portable whirlpool bath, wax bath
5.01.25	RHB-3	Occupational Therapy Activity Room	1	67	67	3 large cubicles, upper extremity station, work counter with utility sink, includes room for mobile equipment
5.01.26	STO-1	Occupational Therapy Workshop	1	20	20	Adjacent to the occupational therapy activity room; work counter with utility sink, grinder, fume hood (for work with glues, solvents), hazardous goods cabinet
5.01.27		Small Paediatric Exam/Treatment Room	1	12	12	Private exam/treatment for paediatric patients
5.01.28	WKS-1	Viewing Console	1	4.5	4.5	Contiguous with viewing window into both paediatric rooms.
5.01.29		Large Paediatric Treatment Room	1	40	40	Gross motor activity, suspension equipment
5.01.30	HHS-1	Hand Hygiene Sink	2	1	2	Easily accessible from OT work areas
5.01.31	WRS-2	Patient Washroom	2	4.6	9.2	Wheelchair accessible, for all rehab components
5.01.32	STO-1	Equipment Storage Room (OT Paediatric)	1	8	8	Contiguous with large paediatric treatment room.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
5.01.33	STO-1	Equipment Storage Room (OT Adult)	1	8	8	Soft goods; near OT activity and exam rooms, plus access to off-site storage in warehouse.
5.01.34	STO-1	Equipment Storage Room (OT Adult)	1	16	16	ADL equipment, plus access to off-site storage in warehouse.
5.01.35	WKS-1	Provider Work Area (SLP/Audiology): Workstations	7	3.7	25.9	One dedicated office/cubicle per speech language pathologist; off-stage.
5.01.36	WKS-1	Provider Work Area (SLP/Audiology): Workstations	2	3.7	7.4	One dedicated office/cubicle per audiologist; off-stage.
5.01.37	WKS-1	Provider Work Area (SLP/Audiology): Workstation	1	3.7	3.7	Program assistant (speech language pathology); off-stage.
5.01.38	WKS-1	Provider Work Area (SLP/Audiology): Workstation	1	3.7	3.7	Hearing aid practitioner; off-stage.
5.01.39	OEQ-1	Provider Work Area (SLP/Audiology): Office Equipment Alcove	1	4	4	
5.01.40	--	SLP/Audiology Testing Suite: Audiology Sound Booth	1	16	16	Prefab sound booth with 2 rooms
5.01.41	RHB-6	SLP/Audiology Testing Suite: Mini Sound Booth	1	12	12	Booth plus station for operator and work station for hearing aid fitting, viewing window, hand hygiene sink
5.01.42	--	SLP/Audiology Testing Suite: Multi-purpose testing room	1	12	12	ABR (no electrical interference), VNG, hand hygiene sink, work station; and future mini sound booth
5.01.43	--	Audiology Workshop	1	15	15	Hearing aid fitting room; near the audiology testing suite; includes hand hygiene sink.
5.01.44	CSL-1	Consult/Assessment Room	4	11	44	Shared by the speech language pathologists, audiologists, and child development team for individual consults and team/family conferences; tele-health capability
5.01.45	WKS-1	Viewing Console	1	4.5	4.5	Contiguous with viewing window into two of the consult assessment rooms.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
5.01.46	STO-1	Equipment Storage Room (SLP/Audio.)	1	8	8	In SLP/Audiology zone
5.01.47	WKS-1	Staff Work Area (Child Dev. Team): Workstation	1	3.7	3.7	Child development team coordinator; semi-enclosed.
5.01.48	WKS-1	Staff Work Area (Child Dev. Team): Workstation	1	3.7	3.7	Fetal alcohol spectrum disorders (FASD) family liaison; semi-enclosed.
5.01.49	WKS-1	Staff Work Area (Child Dev. Team): Workstation	1	3.7	3.7	Shared by family counselor, social worker, and neuropsychologist.
5.01.50	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, and mop cleaning.
5.01.51	STO-1	Equipment Storage Room	1	8	8	For travelling equipment
5.01.52	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies; could be subdivided; temporary staging of supplies and equipment.
5.01.53	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.
5.01.54		Laundry Room	1	6	6	Washer, dryer, utility sink, storage shelving.
5.01.55	CFR-1	Conference Room	1	20	20	Seating for 12 persons, telehealth capability.
5.01.56	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, and six chairs.
5.01.57	LKR-1	Staff Coats & Boots	33	0.6	19.8	Could be broken into several areas
5.01.58	WRS-2	Staff Washroom	2	4.6	9.2	Wheelchair accessible.
SUBTOTAL		OUTPATIENT REHABILITATION CENTRE			889.9	
TOTAL		OUTPATIENT REHABILITATION CENTRE			889.9	

6.0 Critical Care Services

Overview of Program Renewal for Critical Care Services

Critical care services at Stanton Territorial Hospital (STH) include the Emergency Department and the Intensive Care Unit. The integration and consolidation of these services in a single location is proposed as part of program renewal — resulting in improved quality of care and optimal utilization of resources. Comprehensive critical care will focus on the level of care that an individual patient requires rather than on the specific beds and treatment spaces. Critically-ill patients may be physiologically unstable — requiring continuous, coordinated physician, nursing, and respiratory care — or at risk for physiologic decompensation and in need of constant monitoring and prompt intervention by the critical care team to prevent adverse occurrences.

Emergency Department: Functional Planning Assumptions

Current Situation

The emergency department (ED) is located on the north side of the main floor and occupies 350 component gross square metres (CGSM). There is a covered access drive for patients arriving by ambulance with an entrance leading directly to the trauma room. A separate drop-off drive with several parking spaces is provided for the walk-in entrance that leads to the triage station and waiting area and connects to the public corridor system within the hospital. In addition to the trauma room (with two treatment bays), there is a large minor treatment room (with two bays and two chairs), four exam/treatment rooms, and a stretcher bay for observation/holding. One of the exam/treatment rooms is equipped for gynecology exams, one is designed as a seclusion room, and one is designed as an isolation room. An eye room is located across the hall near the central elevator bank. Access to diagnostic imaging is via the public corridor past the ED waiting area. The triage desk, waiting area, staff workstations, and most treatment areas are undersized and inappropriately configured. There is also a heliport on the site which is no longer used.

Planned Scope of Services

The emergency department at Stanton Territorial Hospital will continue to be the territorial referral center for the Northwest Territories and the Kitikmeot Region of Nunavut. As part of the Territorial Services Network, the ED staff based at STH will provide telephone consultation and medical oversight to clinical providers in rural and remote communities and to the Medevac service. The Stanton Territorial Hospital ED is planned to accommodate Level III trauma as per the Trauma Association of Canada (TAC) accreditation guidelines, having a central role in the territories for both adult and pediatric trauma. Care will be provided for ill or injured patients requiring immediate, emergent, or urgent assessment and treatment. The special needs of children, victims of sexual assault, and individuals with mental health issues will also be accommodated. As part of the critical care service component, the ED staff will arrange for transport of critically-ill patients and participate in the hospital's Code Blue response. Several current services will be moved out of the ED to other outpatient areas — including the fracture/cast clinic, outpatient antimicrobial therapy (OPAT), and anticoagulation management.

Specific service components will include:

- **Outpatient Triage.** A nurse or physician will conduct a clinical assessment according to the Canadian Triage and Acuity Scale (CTAS) to determine the time and sequence in which patients should be seen in the ED as follows:

-
- CTAS I – immediate
 - CTAS II – within 15 minutes
 - CTAS V – within 120 minutes
 - CTAS III – within 30 minutes
 - CTAS IV – within 60 minutes

For CTAS III patients (excluding cardiac and mental health presentations), a diagnostic work-up and/or early treatment may be initiated as part of triage (rapid assessment) to assist in expediting the streaming of the patient to the appropriate treatment location or discharge.

- **Trauma/resuscitation.** CTAS Level I and selected CTAS Level II patients arriving at the ED will be moved directly to the trauma/resuscitation area. These acutely-ill or injured patients will receive full resuscitation, assessment, stabilization, and appropriate disposition (admission or transfer) on a 24-hour basis.
- **Acute treatment.** Patients designated as CTAS Level II and III — typically patients presenting to the ED with a recent injury or who have taken suddenly or seriously ill — will be directed to the acute treatment area which will provide specialized multidisciplinary assessment, provisional diagnosis, treatment planning and implementation, and appropriate disposition of emergency patients on a 24-hour basis.
- **Minor treatment.** Patients designated as CTAS IV and V will be directed to the minor treatment area. Patients undergoing specialized diagnostic imaging procedures may also be transported to this area for recovery.
- **Observation.** Patients with a provisional diagnosis and with the potential to be discharged following 12 to 24 hours of treatment and/or observation will be directed to the observation area.

Emergency consults and guidance will also be provided via telehealth to remote communities to enable highly-specialized critical care staff to monitor critical care patients at various remote locations and to provide continuous support and expertise to the clinical staff providing care to these remote patients.

Hours of Operation

The ED will continue to operate 24 hours per day, 365 days per year. Access to other areas of the hospital by family members and visitors will be restricted during evening and night-time hours and on weekends.

Projected Workload and Key Treatment Spaces

The table below compares the current ED visits by CTAS level with the projected visits through 2045. Over the five-year period from 2006 through 2010 there were an average of 5,827 annual visits that were recorded as “undefined.” For planning purposes, these visits were distributed among the five CTAS categories.

Table 27 – Projected Emergency Department Visits by CTAS Acuity Level

ED Visits	Current	Projected			
	Average 2006-2010	2020	2025	2030	2045
CTAS I	34	53	54	55	60
CTAS II	857	1,323	1,355	1,378	1,500
CTAS III	4,939	7,650	7,914	8,049	8,760
CTAS IV	6,073	9,528	9,756	9,923	10,800
CTAS V	799	1,270	1,301	1,323	1,440
Undefined	5,827	---	---	---	---
Total	18,529	19,824	20,380	20,728	22,560

By 2045, there will be an average of 62 patients per day arriving at the STH ED. However, given that arrivals to the ED are a random occurrence, it is projected that there could be up to 77 patients on a peak day — assuming a 25% increase based on a variation of the Poisson distribution formula. Of the projected peak daily patients, up to six patients (7%) may be transported immediately to the trauma/resuscitation area, 30 patients (39%) will be directed to the acute treatment area, and 41 patients (54%) will be directed to the minor treatment area. The distribution of the peak daily patients by shift is estimated as follows:

- 50% of the CTAS Level III peak daily visits will occur on the busiest eight-hour shift for the acute treatment area (typically late afternoon to late evening)
- 75% of the CTAS Level IV and V peak daily visits will occur on the busiest eight-hour shift for the minor treatment area (typically noon to early evening)

It should be noted that the estimate for projected visits are generous — most likely for the CTAS IV and V visits — since some of these will be redirected to other outpatient areas. For example, ED follow-up visits will be redirected to the outpatient clinic, antimicrobial therapy to the medical day care area, and anticoagulation management to primary care providers.

The recommended number of treatment spaces for each treatment area is summarized in the following table along with related planning assumptions.

Table 28 – Calculated ED Treatment Spaces Based on 2045 Peak Daily Workload

Type of Treatment Space	Number of Spaces	Comments
Trauma/Resuscitation Bay	2	CTAS Level I and II patients; two bays planned regardless of workload scenario.
Acute Treatment Room	4 to 5	CTAS Level III patients; assumes that 50% of the peak daily workload occurs during the busiest eight-hour shift with an average room turnover time of 150 minutes.
Minor Treatment Room/Bay	4 to 5	CTAS Level IV patients; assumes that 75% of the peak daily workload occurs during the busiest eight-hour shift with an average room turnover time of 75 minutes.
Observation Room/Bay	4 to 6	Flex space is planned to accommodate both ED observation/holding and high-dependency patients.

Projected Staffing

A multidisciplinary team of emergency room physicians, specialists, and registered nurses will provide direct patient care in the emergency department. In addition to the staff based in the ED, specialty physicians and other allied health providers will be on-call 24/7 as required. In addition to registering all ED patients, the registration clerk will register other patients during the evening and weekend hours when the Customer Service Centre is not staffed. The projected unit-based and facility-based staffing (headcount) is shown in the table on the following page.

The Territorial Support Network — which will be operated by the Territorial Services Network and based at the STH — will be staffed with a physician, an RN, and a secretary/clerk and located in close proximity to the patient care coordinator.

Table 29 – Projected Staffing (Headcount) for the Emergency Department

Position	Headcount by Shift		
	Day	Evening	Night
Emergency Room Physician	2	2	1
Clinical Coordinator (Shared with ICU)	1	-	-
Nurse Practitioner	1	-	-
Registered Nurse	4	4	3
Licensed Practical Nurse	1	1	-
Registration Clerk (ED-based)	1	1	1
Unit Clerk (Shared with the ICU)	1	1	-
Subtotal (Unit-Based Staff)	11	9	5
Respiratory Therapist	1	1	1
Clinical Pharmacist	1	1	1
Social Worker	1	1	1
Interpreter	1	1	1
Subtotal (Facility-Based Staff)	4	4	4
Total (Headcount by Shift)	15	12	9

Intensive Care Unit: Functional Planning Assumptions

Current Situation

The Intensive Care Unit (ICU) is currently located on the third floor across from the medical unit nursing station (3-West). The existing ICU currently occupies 99 component gross square metres (CGSM) or the equivalent of three inpatient bedrooms. The unit is inadequately sized to accommodate the four beds (curtained cubicles), staff, and equipment necessary to deliver care to critically-ill patients. There is also inadequate space for family members and visitors and no isolation capacity.

Planned Scope of Services

The Intensive Care Unit will provide care for patients who require advanced or prolonged respiratory support alone or basic respiratory support combined with support for at least two organ systems. The ICU will also provide care for high-dependency patients who require more intensive observation or intervention than that provided on a general inpatient unit — including post-operative care and “step-down” care. The ICU will also

provide care for children requiring critical care pending transfer to a higher level of care. As a closed unit, the ICU will be overseen and medically managed by physicians with specialized expertise and the nurses working in the unit will be certified in critical care nursing. The ICU will also be the monitoring centre for telemetry within the hospital and will provide Code Blue response. In addition, the ICU will provide oversight and outreach service to other healthcare facilities throughout the Territories.

Specific service components will include:

- **Intensive care.** Intensive care requires highly-skilled and highly-technical resources to provide 24/7 monitoring and care to critically ill patients including the capacity to resuscitate and stabilize. Nursing care will be provided on a 1:1 or 1:2 nurse to patient ratio and directed by specialists and other physicians with specialty training. Monitoring will be provided 24-7. Respiratory therapists will be critical members of the care team. Diagnostic imaging, laboratory and cardiac diagnostics must be available.
- **High-dependency care.** Patients not requiring intensive care, but requiring more care than provided on a general medical or surgical unit, and a nurse to patient ratio of 1:2 or 1:3 will be placed in this area. A high-dependency bed may also be used for the clinical observation/holding of an ED patient to determine his/her response to treatment before a decision is made to admit.

STH will not provide neonatal or pediatric intensive care, however facilities, equipment, and critical care expertise will be available to resuscitate, stabilize, and provide care for critically ill children until such time as they can be transferred to a higher level of care outside of the Territories. Neonatal high-dependency care (less than 28 days of age) will be provided in a designated area on the obstetrics unit while pediatric high-dependency care will be provided in the ICU within the critical care area on the main floor.

All patients who are on telemetry within STH — whereby they are monitored wirelessly while moving around within the transmitting range on a specific nursing unit — will be monitored within the critical care area on the main floor.

As part of the Territorial Service Network, the critical care outreach or rapid response team will also provide critical care expertise beyond the walls of the ICU. This team may be called to service anywhere in the hospital to assist in the care of a patient who becomes critically ill regardless of their location. The outreach team may also provide outreach using an “eICU” or “virtual ICU” model. This model enables highly-specialized critical care personnel at STH to monitor critical care patients at various remote locations throughout the territories and provide continuous support and expertise to clinical personnel providing care to these patients with real-time “telepresence” — including the review of clinical documentation and medical images, monitoring of vital signs, and use of digital stethoscopes and high-quality video cameras.

Hours of Operation

The Intensive Care Unit will continue to operate 24 hours per day, 365 days per year.

Projected Bed Needs

The following table summarizes the projected bed need through 2045 assuming a 65% occupancy rate. The intensive care bed projections were generally based on the total projected patients days for all clinical services (excluding newborn days). The need for two high-dependency beds to be shared with the ED for holding/clinical decision-making or observation is predicted.

Table 30 – Comparison of Current and Projected Critical Care Beds

ED Visits	Current	Projected			
	Funded Beds	2020	2025	2030	2045
Critical Care	4	3	3	3	4
High-Dependency	---	2	2	2	2
Total	4	5	5	5	6

Projected Staffing

A multidisciplinary team of specialists, nurse practitioners, registered nurses, and respiratory therapists will provide direct care in the Intensive Care Unit. Other allied health providers will be consulted as required.

The projected unit-based and facility-based staffing (headcount) for a six-bed unit with four intensive care beds and two high-dependency beds is shown on the following table:

Position	Headcount by Shift		
	Day	Evening	Night
Medical Director (Medical Internist)	1	-	-
Nurse Practitioner	1	-	-
Registered Nurse (ICU)	4	4	4
Register Nurse (ICU/High-Dependency Float)	1	1	1
Unit Clerk (Shared with the ED)	1	1	-
Subtotal (Unit-Based Staff)	8	6	5
Manager	1	-	-
Respiratory Therapist	1	1	1
Clinical Pharmacist	1	1	1
Social Worker	1	1	1
Dietician	1	-	-
Interpreter	1	1	1
Subtotal (Facility-Based Staff)	6	4	4
Total (Headcount by Shift)	14	10	9

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

The ED and the ICU will be operationally and physically integrated into a single critical care area on the main floor of STH. All patient care space will be designed for flexible use — particularly with the ability to flex for a lower level of care. Although a staff work area and a small amount of core support space is planned for the six-bed ICU, some spaces will be shared with the ED — such as the lab accessioning alcove, equipment

storage, and housekeeping room. Staff support space will also be shared between the two areas.

Patient Access and Circulation

Patients will arrive either via ambulance (on a stretcher), brought to the ED by the Royal Canadian Mounted Police (RCMP), or will be ambulatory and arrive by private vehicle. Patients arriving by ambulance will be taken directly to the acute treatment area — most likely to trauma/resuscitation room. Patients escorted by the RCMP will be taken directly to the acute treatment area. All other patients will check-in with the unit clerk at the registration desk. Patients requiring immediate attention will be referred directly to the triage nurse while all others will be directed to the general waiting area. Patients taken directly to the trauma/resuscitation room — such as CTAS I and II — will be registered by the unit clerk as soon as information is available (from their escort, from personal belongings, etc.).

Waiting patients will be taken to either the acute treatment area or to the minor treatment area based on their acuity. CTAS II and III patients will be taken to the acute treatment area while CTAS IV and V will generally be treated in the minor treatment area. Patients in either the acute treatment area or the minor treatment area may need to be transported to the diagnostic imaging suite for testing.

Patients with mental health issues will be processed as other ED patients; if they are exhibiting aggressive behavior, they will be taken to the seclusion/secure patient room in the acute treatment area and the quick response team from the inpatient psychiatric unit will be consulted.

Patients will be referred to the Intensive Care Unit from the ED, an inpatient unit, a specialist clinic, or an outlying healthcare facility. The Medical Director will make the decision as to who is transferred in and out of the ICU. Patients admitted to the ICU will be registered by an admitting clerk. ICU patients may be transferred to an inpatient unit, discharged home, or transferred to another healthcare facility.

ED patients with a medical or surgical provisional diagnosis and with the potential for discharge following 12 to 24 hours of treatment and/or observation will be held in the four-bay Clinical Decision Unit (CDU) within the acute treatment area or transferred to a high-dependency bed in the ICU.

Major Facility Components

As shown in the functional diagram on the following page, critical care services at STH will include five major functional areas as follows:

- **Outpatient Triage Area**
- **Minor Treatment Area**
- **Acute Treatment Area**
- **Intensive Care Unit**
- **Shared Staff Support Space**

6.1 Outpatient Triage Area

As the first point of contact for patients presenting to the Emergency Department, the patient intake/triage area will include dedicated entrances for patients arriving on stretchers (via ambulance) and for ambulatory (walk-in patients) arriving by private vehicle. In addition to the triage/registration area, a waiting area and associated family/visitor amenities will be provided as follows:

- **Ambulance Entrance Area** for patients arriving via ambulance with weather protection and direct access to the acute care area — includes an ambulance entrance vestibule and an ambulance

garage designed per CSA Z8000. An office/staging area for the police and EMS staff is also planned adjacent to the ambulance entrance.

- **Walk-in Entrance Vestibule** to serve as the primary ED entrance for ambulatory patients and family members or visitors with direct access to the patient intake/triage area.
- **Decontamination Room** with an exterior entry door as well as an internal door into the ED corridor.
- **Mobile Equipment Alcove** for the temporary storage or staging of wheelchairs, stretchers, or other mobile equipment. Accessible from the walk-in entrance and triage workstation but out of view of the general waiting area.
- **Triage/Registration Area** with workstations for the registration clerk, triage nurse, and the security guard and/or police along with the triage assessment room, a small triage sub-waiting area, and a patient washroom.
- **General Waiting Area** with a family/visitor lounge for seating up to 20 people including space for two wheelchairs, a bariatric seat, an amenity station and coat rack. A child play alcove is contiguous with the waiting area as well as an alcove with 2 phone/communications carrel for private phone conversations and/or recharging of handheld communications devices.
- **Family Consultation/Bereavement Room** to facilitate private consultations or to provide a private space for grieving. Located adjacent to the general waiting area.
- **Public Washroom (2)** adjacent to the general waiting area with wheelchair accessibility.

6.2 Minor Treatment Area

CTAS IV and V patients will be escorted to this area when a treatment space is available. In addition to the exam/treatment spaces, a sub-waiting waiting area, reception/staff work area, and associated support space will be provided as follows:

- **Reception/Staff Work Area** with 2 provider charting workstations, a physician dictation/consult private alcove, a hand hygiene sink and an alcove for office equipment.
- **Minor Treatment Sub-Waiting Area** with seating for four persons directly adjacent to the staff work area.
- **Exam/Treatment Rooms (3)** to be used for general exams and minor treatment.
- **Psychiatric Exam/Consult Room** located close to the triage station with soft furnishings.
- **Suture/Casting Room** consisting of a flexible, multi-purpose space with two treatment bays, a suture cart, and a sink with a plaster trap but capable of being used for exams, other minor treatment, and/or patient holding. This room could also be designed to accommodate a bariatric patient with a ceiling-mounted patient lift track.
- **Patient washroom** that is located central to the exam/treatment spaces and wheelchair accessible.

6.3 Acute Treatment Area

The acute treatment area will include a trauma/resuscitation room (CTAS I and II patients primarily), general and specialty exam/treatment rooms (CTAS II patients primarily), and a seclusion/secure patient room. In addition to the exam/treatment spaces, the central communications centre (hub) for critical care services will be located in this area along with associated support space as follows:

- **Communication Centre** including 1 workstation for the unit clerk, 4 provider charting workstations, a private physician dictation alcove with a PACS workstation, a hand hygiene sink, and an alcove for office equipment.
- **Pneumatic Tube**
- **Trauma/Resuscitation Room** consisting of an enclosed AIR room with sliding doors and 2 treatment bays, shared touchdown workstations, a medication/supply storage area and ceiling lift. This room will be negative pressure capable. Provide sliding glass doors to separate the two bays.
- **Mobile Equipment Alcove** adjacent to the trauma/resuscitation room.
- **Exam/Treatment Rooms (2)** to be used for general exams/treatment. Could also be used for pediatrics and/or disruptive patients.
- **Airborne Isolation Suite** with an exam/treatment room (isolation) equipped with a ceiling lift for bariatric patients, a contiguous patient washroom/shower, and an anteroom with a hand hygiene sink, personal protection and equipment (PPE) organizer, and hamper for soiled materials.
- **Clinical Decision Unit (CDU)** with four stretcher cubicles with curtain closure for holding patients for clinical observation to determine their response to treatment before a decision is made to admit. Includes a hand hygiene sink.
- **Ob-Gyn Exam Suite** with a private exam/treatment room (with ob-gyn table) and a contiguous patient washroom.
- **Exam/Treatment Room (EENT)** with an exam chair, slit lamp and specialized equipment for eye, ear, nose, and throat exam and treatment.
- **Seclusion Suite** with seclusion/safe treatment room designed for mental health safety and risk mitigation with an observation window with one-way glass, a floor-mounted bed with restraint capabilities, and a contiguous patient washroom.
- **Patient Washrooms (2)** centrally located to the other exam/treatment spaces and CDU with wheelchair accessibility.
- **Clean Utility Room** for the storage of clean and sterile supplies and shared with the minor treatment area.
- **Soiled Utility Room** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or disposal. To be shared with the minor treatment area.
- **Mobile Equipment Alcove** for the temporary storage or staging of wheelchairs, stretchers, or other mobile equipment.
- **Medication Room** for the medication preparation and the storage of medications in a large Pyxis machine, locked storage for narcotics, and in a refrigerator/freezer — to be shared with the minor treatment area and centrally located.
- **Lab Accessioning Alcove** adjacent to the medication room for the storage of specimen collection supplies and temporary holding of specimens for laboratory pick-up.
- **Equipment Storage Room** to be shared with ICU for the staging and storage of patient care equipment. Also used for testing of respiratory equipment and includes medical air, oxygen, etc.
- **Housekeeping Closet** to store the housekeeping cart and back-up supplies and for mop cleaning — to be shared with the ICU.

6.4 Intensive Care Unit

This unit will include three critical care cubicles and two high-dependency/flex patient rooms with ensuite washrooms/showers. A staff work area and associated support space will be provided as follows:

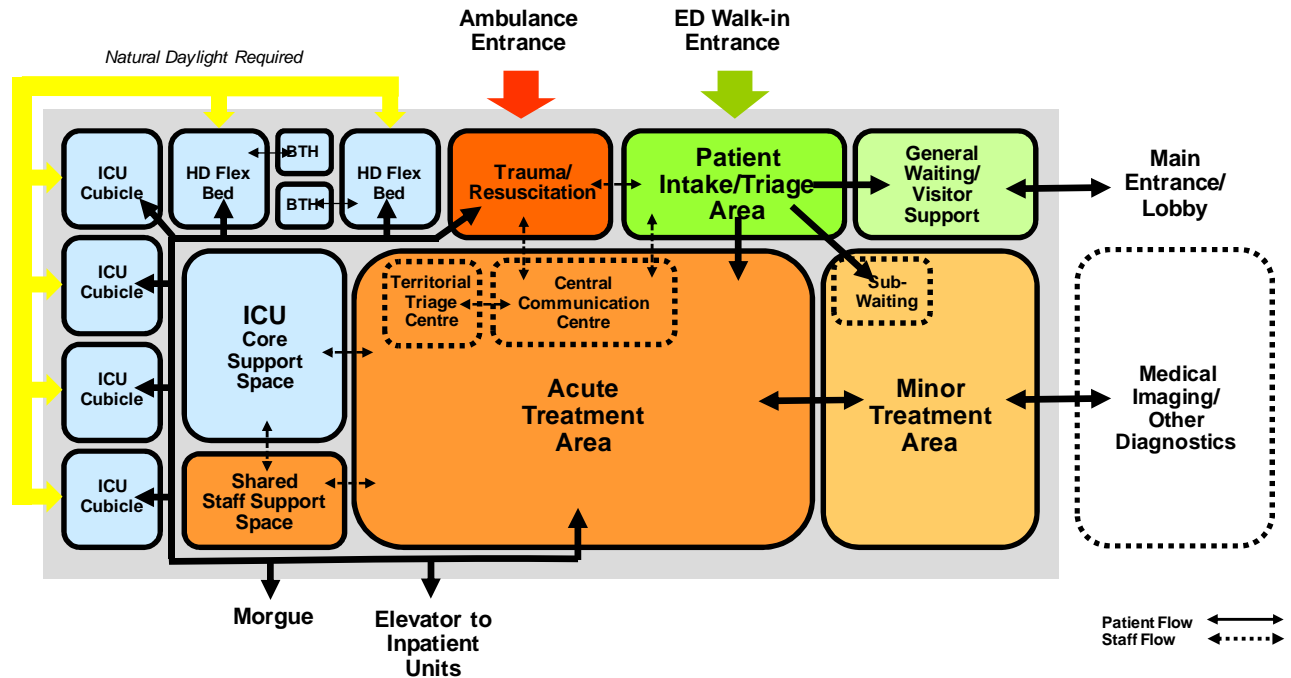
- **Staff Work Area** with three provider charting workstations, an office for the clinical coordinator, a private physician dictation/consult alcove (with PACS), hand hygiene sink, and an alcove for office equipment.
- **Pneumatic Tube**
- **Critical Care Bedroom Suite** consisting of 4 critical care cubicles that includes staff charting, a hand hygiene sink, supply alcove, ensuite washrooms and surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures. One patient room to include rough-in for future dialysis capability.
- **High-Dependency Bedroom Suite** including 1 bedroom with surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures and a roll-in washroom/shower.
- **Airborne Isolation Room (AIR) Bedroom** including 1 bedroom with surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures, a vestibule with a hand hygiene sink, personal protection and equipment (PPE) organizer and hamper for soiled materials, and a washroom/shower.
- **Nourishment Alcove** for the storage and preparation of patient meals and snacks — to be shared with the ED when required.
- **Clean Utility Room** for the storage of clean and sterile supplies.
- **Soiled Utility Room** for the temporary storage of supplies and equipment until removed for cleaning, reprocessing, or destruction.
- **Staff Washroom** that is wheelchair accessible.
- **Patient Washroom/Shower** that is central to intensive care cubicles.
- **Mobile Equipment Alcove** for the temporary storage or staging of wheelchairs, stretchers, or other mobile equipment.

6.5 Shared Staff Support Space

This area will be shared between the ED and the ICU and include a staff room, staff washrooms, staff lockers/changing area, a conference room, and an office for the Clinical Coordinator as follows:

- **Office** for the manager of critical care services.
- **Office** for the clinical coordinator who oversees the day-to-day operations of the ED and ICU.
- **Conference Room** with seating for eight to ten people.
- **Staff Room** with a kitchenette, dining table, and six chairs.
- **Staff washrooms (2)**

**Diagram 5 – Critical Care Services
Major Facility Components and Functional Adjacencies**



Equipment & Technology

The operations of the critical care services will rely heavily on the use of advanced technologies all of which need an enabling wireless infrastructure to be incorporated into the renewal of STH. These include:

- Clinical information systems
- Intranet and Internet access
- Electronic health record
- Digital imaging and viewing stations

Facility Layout and Design Considerations

Key facility layout and design considerations pertaining to the configuration of critical care services at STH are listed below:

- Clear and separate traffic flows should be provided for ambulance traffic and for public traffic as they access the STH ED with appropriate signage and visual cues to prevent the public from using the ambulance entrance. A covered area with a drive-through ambulance bay should be planned to minimize congestion and potential accidents.
- The entrance to the decontamination room should be provided from the covered ambulance entry with dual access into the ambulance entrance corridor.

-
- Both the ambulance and walk-in entrances should be weather-protected and visible from the triage/reception area. Ideally, the work area for the reception clerk and the triage nurse should physically connect to the communications centre in the acute treatment area since there will be a single receptionist/unit clerk between both areas. This will also allow other ED staff to quickly assist the triage nurse in the contiguous triage assessment room, when required.
 - Ambulance traffic and patients arriving on stretchers — or being transported to other areas of the hospital on stretchers — should not be visible from the walk-in entrance or general waiting area.
 - The general waiting area should be located to provide unobstructed visibility from the triage/registration area.
 - The family consult/bereavement room should be accessible from both the general waiting area, trauma/resuscitation room and other acute treatment spaces with discreet access/egress.
 - The ICU staff work area should be centrally located to allow visualization of the four critical care cubicles and access/egress to the two high-dependency/flex patient bedrooms.
 - Convenient access to the ICU critical care cubicles and high-dependency/flex rooms should be provided from the ED acute care area.
 - The ED acute treatment and minor treatment areas should be physically connected to allow staff to circulate between the two areas.
 - The trauma/resuscitation room should be equipped with a ceiling-mounted lift to accommodate a bariatric patient.
 - One of the high-dependency patient bedrooms should be equipped to provide dialysis capability.
 - The clean and soiled utility rooms should be centrally located to the respective patient treatment spaces that they support. In particular, the soiled utility room in the ICU should be directly accessible from the four critical care cubicles to facilitate the transfer of bedpans for washing/disposal.
 - The shared staff support spaces should be easily accessible from the ED and ICU but away from the patient care areas.
 - Ideally, the Acute Treatment Area and the Minor Treatment Area should be co-located such that the clean and soiled utility rooms could be shared.
 - The ED Central Communication Centre and the Territorial Support Network should be co-located but each with separate, dedicated space.
 - Convenient but discreet access between the ED acute treatment and minor treatment areas and the diagnostic imaging suite is required so that ED patients on stretchers do not traverse other clinical areas of the ED and are not seen by the public.
 - Access from the ED walk-in entrance and general waiting area to the main hospital lobby, cafeteria, and elevators is required for family members and friends accompanying ED patients.
 - The Ambulance Garage shall be a completely enclosed, climate controlled drive-through garage.
 - The ICU shall have discrete public access that does not require travel through the Emergency Department Treatment Spaces.

Summary of Space Requirements

Summary of Future Space Requirements

The schedule of accommodation for critical care services is included in the Appendix. Corresponding room data sheets are provided under separate cover in the *Functional Program for the Stanton Territorial Hospital Renewal Project – Room Data Sheets*. Additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

A total of 1,450.6 component gross square metres (CGSM) will be required for critical care services at STH by 2045 based on the net square metres (NSM) tabulated in the **the Schedule of Accommodation** and using the following estimated net to gross space conversion factors. It should be noted that the actual component gross square metres or “footprint” of the critical care services will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

Diagram 6 – Summary of Future Space Requirements for Critical Care Services (2045)

Facility Component	CNSM	Conversion Factor	CGSM
6.1 Patient Intake/Triage Area	215.8	1.60	345.3
6.2 Minor Treatment Area	88.2	1.60	141.1
6.3 Acute Treatment Area	297.4	1.60	475.8
6.4 Intensive Care Unit	260.1	1.55	403.2
6.5 Shared Staff Support Space	54.8	1.55	84.9
Total	916.3	1.59	1,450.4

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.00	Critical Care Services					
6.01	OUTPATIENT TRIAGE AREA					
6.01.01	---	Ambulance Entrance Area: Ambulance Garage	1	80	80	Sized to accommodate a minimum of two ambulances, with minimum area as per CSA Z8000. To be a completely enclosed, heated, drive-through garage, with services and drainage to allow washdown (including adequate hose-bib connections), and planned to accommodate mass-triage.
6.01.02	EMG-1	Ambulance Entrance Area: Ambulance Entrance Vestibule	1	11	11	Entrance for patients on stretchers arriving by ambulance with access to the triage area.
6.01.03	OFF-1	Ambulance Entrance Area: Office/Staging Area	1	9.3	9.3	For use by police and EMS staff; adjacent to ambulance entrance. Includes firearm storage
6.01.04	EMG-2	Walk-In Entrance Vestibule	1	7	7	Main ED entrance for patients/visitors who are ambulatory.
6.01.05	EMG-3	Decontamination Room	1	10	10	Enclosed room exhausted to exterior - Serviced w/ water, deluge shower, eye wash station - Hamper for containment of bio hazardous items/garments – Direct access from Ambulance Garage
6.01.06	MEA-1	Mobile Equipment Alcove	1	4.6	4.6	Accessible from the walk-in entrance and triage workstation but out of view of general waiting area; for staging of wheel-chairs/stretchers primarily.
6.01.07	WTA-1	Triage/Registration Area: Isolated Triage Sub-Waiting Area	1	6	6	Space for two chairs and a bariatric wheelchair; adjacent to the triage/exam room, for contact isolation of people waiting
6.01.08	WKS-2	Triage/Registration Area: Registration/Unit Clerk Workstation	1	4.5	4.5	Immediately adjacent to the walk-in and ambulance entrances and contiguous with the triage workstation.
6.01.09	OEQ-2	Triage/Registration Area: Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.01.10	WKS-1	Triage/Registration Area: Security/Police Workstation	1	9.3	9.3	Office/cubicle for 1 to 2 security officers and monitors; view to ED entry doors, waiting area and exam room corridors must be provided.
6.01.11	WKS-1	Triage/Registration Area: Triage Workstation	1	3.7	3.7	Immediately adjacent to the walk-in and ambulance entrances with passage to the acute treatment area; computer workstation and storage for triage supplies.
6.01.12	EXT-1	Triage/Registration Area: Triage Assessment Room	1	12	12	Contiguous with the triage workstation.
6.01.13	WRS-2	Triage/Registration Area: Patient Washroom	1	4.6	4.6	Contiguous with the triage assessment room; may be used for urine specimen collection; wheelchair accessible.
6.01.14	WTA-1	General Waiting Area: Family/Visitor Lounge	1	30	30	Seating for up to 20 persons with space for two wheelchairs and a bariatric seat; amenity station and coat rack.
6.01.15	WTA-2	General Waiting Area: Child Play Alcove	1	5	5	Contiguous with the general waiting area; small alcove with child's table and chairs, books, and small toys for quiet play.
6.01.16	EMG-4	General Waiting Area: Phone/Communications Carrel	2	1.9	3.8	Alcove adjacent to the general waiting area for private phone conversations and/or recharging of handheld communications devices.
6.01.17	EMG-5	Family Consult/Bereavement Room	1	12	12	Adjacent to the general waiting area.
6.01.18	WRS-2	Public Washroom	2	4.6	9.2	Near the general waiting area; wheelchair accessible.
SUBTOTAL		OUTPATIENT TRIAGE AREA			228	
6.02	MINOR TREATMENT AREA					
6.02.01	WKS-1	Reception/Staff Work Area: Provider Charting Workstation	2	3.7	7.4	
6.02.02	WKS-3	Reception/Staff Work Area: Physician Dictation/Consult Alcove	1	4.5	4.5	Private alcove for phone consult with PACS workstation.
6.02.03	OEQ-1	Reception/Staff Work Area: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.02.04	HHS-1	Reception/Staff Work Area: Hand Hygiene Sink	1	1	1	
6.02.05	WTA-1	Minor Treatment Sub-Waiting Area	1	6	6	Seating for up to four persons; directly adjacent to the staff work area.
6.02.06	EXT-5	Exam/Treatment Cubicle (General)	3	12	36	Standard exam room. Used with Acute Care for Rapid Assessment.
6.02.07	EMG-10	Psychiatric Exam/Consult Room	1	12	12	Located close to triage station. Soft furnishings required.
6.02.08	EMG-6	Suture/Casting Room (Two Bays)	1	14.8	14.8	Private room with two bays with plaster trap/sink and suture/casting cart; designed to flex for a bariatric patient. Requires ceiling mounted gantry lift.
6.02.09	WRS-2	Patient Washroom	1	4.6	4.6	Central to exam/treatment spaces; wheelchair accessible.
6.02.10	CLU-1	Clean Utility Room	--	11	--	Shared with Acute Care Area; storage of clean and sterile supplies.
6.02.11	SLU-1	Soiled Utility Room	--	12	--	Shared with Acute Care Area; temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.
6.02.12	MED-1	Medication Room	--	9.5	--	Medication preparation, large Pyxis unit, locked narcotics storage, and refrigerator/freezer; shared with Acute Treatment Area.
SUBTOTAL		MINOR TREATMENT AREA			90.3	
6.03	ACUTE TREATMENT AREA					
6.03.01	WKS-2	Communication Centre: Unit Clerk Workstation	1	4.5	4.5	Dedicated workstation for the Unit Clerk.
6.03.02	WKS-1	Communication Centre: Provider Charting Workstation	4	3.7	14.8	
6.03.03	WKS-4	Communication Centre: Physician Dictation Alcove	1	4.5	4.5	Private alcove with PACS workstation.
6.03.04	OEQ-1	Communication Centre: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.03.06	EMG-7	Trauma/Resuscitation Room	1	56	56	Enclosed AIR room with sliding doors and two treatment bays (at 28.0 NSM each per CSA Z8000); shared touch-down workstations and medication/supply storage: negative pressure. Provide sliding glass doors to separate the two bays. Ceiling lift required. Provision for future radiology unit.
6.03.07	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Adjacent to the trauma/resuscitation room.
6.03.08	EXT-1	Exam/Treatment Room (General)	2	12	24	General exam/treatment room; also used for pediatrics and/or disruptive patients.
6.03.09	EXT-3	Airborne Isolation Suite: Exam/Treatment Room (Isolation)	1	13	13	Airborne isolation exam/treatment room (AIR); also equipped with ceiling-mounted patient lift track for a bariatric patient.
6.03.10	---	Airborne Isolation Suite: PPE Alcove	1	2	2	Immediately outside the exam/treatment room (isolation); includes hand hygiene sink, personal protection and equipment (PPE) organizer, and container for soiled materials.
6.03.11	WRS-2	Airborne Isolation Suite: Patient Washroom/Shower	1	4.6	4.6	Contiguous with the exam/treatment room (isolation).
6.03.12	EXT-5	Clinical Decision Unit (CDU): Stretcher Cubicle	4	9.5	38	Stretcher holding bay with curtain closure. Must be observable from an Emergency Department staff work station.
6.03.13	HHS-1	Clinical Decision Unit (CDU): Hand Hygiene Sink	1	1	1	
6.03.14	EXT-1	Ob-Gyn Exam Suite: Exam/Treatment Room (Ob-Gyn)	1	12	12	Private room with ob-gyn exam table.
6.03.15	WRS-2	Ob-Gyn Exam Suite: Patient Washroom	1	4.6	4.6	Contiguous with the ob-gyn exam room.
6.03.16	EXT-1	Exam/Treatment Room (EENT)	1	15.5	15.5	Per CSA Z8000; private room with exam chair and slit lamp.
6.03.17	EMG-8	Seclusion Suite: Seclusion/Safe Treatment Room	1	12	12	Private room with fixed floor bed with restraint points; requires observation window with one-way glass.
6.03.18	WRS-2	Seclusion Suite: Patient Washroom	1	4.6	4.6	Contiguous with the seclusion/safe exam room.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.03.19	WRS-2	Patient Washroom	2	4.6	9.2	Easily accessible from exam/treatment spaces and CDU.
6.03.20	CLU-2	Clean Utility Room	1	11	11	Storage of clean and sterile supplies; to be shared with Minor Treatment Area.
6.03.21	SLU-2	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal; to be shared with Minor Treatment Area.
6.03.22	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Temporary staging of wheelchairs and other mobile equipment.
6.03.23	MED-1	Medication Room	1	9.5	9.5	Medication preparation, large Pyxis unit, locked narcotics storage and refrigerator/freezer. Shared with Minor Treatment Area and centrally located.
6.03.24	EMG-9	Lab Accessioning Alcove	1	3.7	3.7	Storage of specimen collection supplies and temporary holding of specimens for laboratory pick-up.
6.03.25	STO-1	Equipment Storage Room	1	18	18	Shared with ICU; Also used for testing of respiratory equipment; Includes medical air, oxygen, etc.
6.03.26	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; shared with ICU.
6.03.27	PNT-1	Pneumatic Tube	1	2	2	Shared with Minor Treatment Central Work Area
6.03.28	WKS-1	CDU: Provider Charting Workstation	1	3.7	3.7	To be adjacent with direct observation to the CDU
SUBTOTAL		ACUTE TREATMENT AREA			301.4	
6.04	INTENSIVE CARE UNIT					
6.04.01	OFF-1	Staff Work Area: Office	1	9.3	9.3	Clinical Coordinator.
6.04.02	WKS-1	Staff Work Area: Provider Charting Workstation	3	3.7	11.1	
6.04.03	WKS-3	Staff Work Area: Physician Dictation Alcove	1	4.5	4.5	Private alcove with PACS workstation.
6.04.04	OEQ-1	Staff Work Area: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.
6.04.05	HHS-1	Staff Work Area: Hand Hygiene Sink	1	1	1	
6.04.06	PNT-1	Pneumatic Tube	1	2	2	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.04.07	ICU-1	Intensive Care Unit Bedroom Suite (Standard): Critical Care Cubicle	4	24.6	98.4	Includes staff charting, hand hygiene sink, and supply alcove; surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required. One patient room to include rough-in for future dialysis capability. Requires access to natural light.
6.04.08	WRS-2	Intensive Care Unit Bedroom Suite (Standard): Patient Washroom	4	4.6	18.4	Ensuite washrooms contiguous with ICU bedroom suites
6.04.09	---	Intensive Care Unit Bedroom Suite (Standard): Charting Alcove	--	--	--	Included in bedroom space.
6.04.10	---	Intensive Care Unit Bedroom Suite (Standard): Supply Alcove	--	--	--	Included in bedroom space.
6.04.11	---	AIR Critical Care Bedroom Suite (One-Bed):	1	23.2	23.2	Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required. Requires access to natural light. Designed to accommodate bariatric patients.
6.04.12	---	AIR Critical Care Bedroom Suite (One-Bed): Anteroom	1	4.0	4.0	Includes hand hygiene sink, personal protection and equipment (PPE) organizer, and hamper for soiled materials.
6.04.13	---	AIR Critical Care Bedroom Suite (One-Bed): Family Zone	--	--	--	Included in bedroom space per CSA Z8000
6.04.14	---	AIR Critical Care Bedroom Suite (One-Bed): Staff Zone	--	--	--	Included in bedroom space per CSA Z8000
6.04.15	---	AIR Critical Care Bedroom Suite (One-Bed): Wash-room/Shower	1	5.6	5.6	
6.04.16	BDR-1	High-Dependency Bedroom (One-Bed):	1	23.2	23.2	Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required. Requires access to natural light.
6.04.17	---	High-Dependency Bedroom (One-Bed): Wash-room/Shower (Roll-In)	1	5.6	5.6	Optimal; can be reduced to 4.6 NSM for washroom only.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
6.04.18	KTC-1	Nourishment Alcove	1	4.6	4.6	Storage and preparation of patient meals or snacks; shared with ED.
6.04.19	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
6.04.20	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.
6.04.21	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
6.04.22	WRB-1	Patient Washroom/Shower	1	5.6	5.6	Central to intensive care cubicles.
6.04.23	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Temporary staging of wheelchairs and other mobile equipment.
6.04.24	MED-1	Medication Room	1	9.5	9.5	Medication preparation, large Pyxis unit, locked narcotics storage, and refrigerator/freezer.
6.04.25	---	ICU: Family Room	1	15	15	Room with seating and kitchenette for family members of ICU patients.
6.04.26	WRS-1	ICU: Family Washroom	1	4.6	4.6	Adjacent to ICU: family room
6.04.27	WKS-1	RT Touchdown Station	1	3.7	3.7	Touchdown station for Respiratory Therapist located in ICU
SUBTOTAL		INTENSIVE CARE UNIT			285.5	
6.05	SHARED STAFF SUPPORT SPACE					
6.05.01	OFF-1	Office	1	9.3	9.3	For the manager who oversees critical care services.
6.05.02	OFF-1	Office	1	9.3	9.3	For the Clinical Coordinator who oversees the ED and ICU.
6.05.03	CFR-1	Conference Room	1	15	15	Seating for eight to ten persons.
6.05.04	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, and six chairs. To be located centrally for use by all Critical Care Staff.
6.05.05	WRS-2	Staff Washroom	2	4.6	9.2	
6.05.06	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.
SUBTOTAL		SHARED STAFF SUPPORT SPACE			60.4	
TOTAL		Critical Care Services			965.6	

Future Flexibility

The functional program and schedule of accommodation for critical care services at STH were prepared to optimize future flexibility and adaptability to accommodate changes in medical practice, staffing patterns, technology, and linkages to other healthcare providers through 2045. Specific opportunities include:

- Configuration of the ED acute treatment and minor treatment spaces to flex to a higher or lower level of care depending on the patient acuity on any given day.
- Use of the two ICU high-dependency beds — and the critical care cubicles if not occupied — to flex between inpatient care and ED observation/holding to avoid patient admission.
- The two-bay suture/casting room in the ED minor treatment area could accommodate a single bariatric patient (CTAS III, IV, or V) as could one of the trauma/resuscitation bays in the ED acute care area.

7.0 Inpatient Services

Current Situation

Stanton Territorial Hospital (STH) was designed with inpatient beds on the second and third floors with the beds configured into three units per floor — west, south, and east units. On the second floor, the north end of the floor is occupied by the surgery suite and on the third floor this area is generally configured as office space.

The west and east units have a similar facility layout with a central core area surrounded by a mix of private and semiprivate patient rooms. The private patient rooms typically have a shower as part of the ensuite washroom whereby the semiprivate rooms have only a washroom. The central core typically includes a central staff work area, medication room, clean and soiled utility rooms, staff room, and staff washroom. A patient/visitor lounge is located at the end of each wing.

The pediatric and psychiatric units (south units) are configured with a large central activity room across from the nursing station. In the Pediatric Unit, this space was originally designed as a circular-shaped play room — with an enclosed balcony and adjacent office, kitchenette, washroom, and storage room — most of this area is currently use for storage. On the psychiatry unit, this space is used as a patient lounge/activity area and also includes a kitchenette. Both units vary slightly in the placement of patient shower/tub rooms and other unique spaces.

The inpatient beds are configured into the following six nursing units:

- **2-West** houses surgery patients with ten funded beds. Private rooms are provided for all ten patients even though six patients are housed in rooms originally designed as semiprivate. Two of the patient rooms (a private and a semiprivate) are currently used for dialysis and two other semiprivate rooms are used as a surgery waiting room and a treatment room. There is also a ten-bay surgical day care unit that occupies the equivalent space of four semiprivate rooms.
- **2-South** houses the pediatric unit with ten funded beds. This unit was originally designed with five private rooms, two semiprivate rooms, and two six-bassinet nurseries (each the equivalent of two patient rooms). Two of the private rooms are currently used as offices. There are also three private isolation rooms (no windows) with ensuite washrooms/baths.
- **2-East** houses obstetrics/gynecology (ob-gyn) patients with 17 funded beds. There are two larger birthing rooms, five private rooms, and five semiprivate rooms. Two labor rooms (without windows) and a newborn nursery are also provided.
- **3-West** houses an extended care unit with 12 funded beds. Although this unit was originally designed for 20 beds (with ten privates and five semiprivate), private rooms are generally provided today given the reduced census. Four private patient rooms on the north side of the unit are currently used as offices. Unlike the other medical/surgical units, this unit has a large patient lounge/activity area and the central core is configured differently.
- **3-South** houses psychiatric patients with ten funded beds (five private bedrooms, two semiprivate bedrooms, and one seclusion room).
- **3-East** houses general medical patients with 20 funded beds (four privates and eight semiprivate). An additional two-bed room is used for palliative care. In addition, there is four-bed intensive care unit (ICU) that occupies the equivalent of three semiprivate rooms on the south side. Medical day care is provided at the north end of the unit and occupies the equivalent of four semiprivate rooms.

Future Bed Needs

Detailed data on the projected separations, patient days, average census, and occupancy assumptions by clinical service is provided in the operational plan. A total of 102 inpatient beds are planned as part of the renewal project. Future bed need by service — to be accommodated at STH through 2045 — is summarized in the table below:

Table 31 – Projected Bed Need by Service

Service	Current	Projected			
	Funded Beds	2020	2025	2030	2045
Medicine	20	25	25	26	29
Surgery	10	17	17	17	19
Pediatrics	10	8	8	8	10
Obstetrics/Gynecology	17	14	14	14	15
Subtotal	57	64	64	65	73
General Psychiatry	8	12	13	13	15
PICU	---	6	6	6	6
Seclusion	2	2	2	2	2
Subtotal (Psych)	10	20	21	21	23
Critical Care	4	3	3	3	4
High-Dependency	---	2	2	2	2
Subtotal (ICU)	4	5	5	5	6
Extended Care	12	To be transitioned off-site by 2045			
Total	83	89	90	91	102

Hours of Operation

The inpatient units will continue to be staffed 24 hour per day, seven days per week, 365 days per year.

Key Inpatient Service Configuration Changes

Key changes to the configuration of inpatient services to be implemented by 2045 include:

- A new intensive care unit will be created on the main floor contiguous with the emergency department and include four critical care beds and two high-dependency beds (see Section 6.0: Critical Care Services).
- The existing nursery will be replaced with two special care nursery beds in private infant care rooms.
- Extended care beds will be transitioned off-site as the medical/psychiatry census grows. The timing will be depend on the availability of extended care beds outside the hospital and the demand for medical/surgical beds at STH over time.

Program Renewal Assumptions

Based on the projected bed need for 2045 and the desire to comply with the CSA Z8000 standards, the renewed inpatient beds at STH will be organized into the following nursing units:

- Two flexible, generic 28-bed units focused on the following patient populations:
 - Medical Unit — 28 beds
 - Surgical Unit — 28 beds
- General Psychiatry Unit — 21 bed unit with 2 seclusion rooms organized into the following pods:
 - Pod A – 8 standard mental health inpatient bedrooms with medical capability
 - Pod B – 8 standard mental health inpatient bedrooms
 - Pod C – 5 standard mental health inpatient bedrooms with ability to expand/contract in and out of the lockdown zone. Two of these beds are flex to accommodate special populations such as adolescent holding.
- Obstetrical Unit — 6 labor/delivery/recovery beds, 2 standard patient bedrooms for antepartum area and care by parent, 2 flex rooms for use by either OBS patients or low acuity special care infants, and a special care nursery with two private infant care rooms.
- Pediatric Unit — 7 standard inpatient bedrooms (2 of which are equipped with safety features as per HSS) and 1 airborne isolation room (AIR).

The following facility planning principles should be considered in the renewal of inpatient services at STH inpatient units:

- All patient beds will be accommodated in private patient bedrooms.
- The layout of the inpatient units should be similar and the overall nursing unit configuration should facilitate changing staffing models depending on patient needs and acuity, census fluctuations, and periods of staff shortages. The overall design should also optimize sight lines between providers and patients as well as between providers.
- The patient bedrooms should be configured and equipped similarly (to the extent possible) to enhance future operational flexibility.
- The core support spaces — central staff work area, medication room, clean and soiled utility rooms — should also be standardized.
- The central staff work area on each unit will accommodate the needs of medical residents and students as well as nursing and allied health providers.
- Telehealth technologies will be used to provide continuous outreach consultation to support health providers caring for acute patients in local communities or pending transfer to STH as part of the Territorial Services Network, as well as for family support. The procedure room and multipurpose room on each generic inpatient unit should be designed to accommodate telehealth technology.
- Aboriginal wellness and other cultural activities and/or rituals will be provided as a STHA-wide program (resources and infrastructure provided within and/or outside of the hospital) with unit-specific therapeutic programs as well as support to individual patients or families in the hospital upon request.

While a key objective is to standardize the patient bedrooms as they are renewed, the needs of special patient populations should also be accommodated with an adequate number of isolation rooms, seclusion/secure rooms, and bariatric friendly patient rooms and washrooms/bathing facilities.

Bed Configuration and Major Facility Components: Generic Units

Generic Units

The space allocation and facility layout for the two generic units — Medical Unit and Surgical Unit — will all be the same. Each 28-bed unit will include patient bedrooms and core support space.

- **Patient bedrooms.** All patient accommodations will be in private rooms. Of the total 28 rooms, there will be 20 standard patient bedrooms, five airborne isolation bedrooms (AIRs), and two bariatric patient bedrooms. One of the bariatric rooms on each unit will also be equipped to provide airborne isolation. Two of the standard patient bedrooms on the Medical Unit and Surgical Unit will be equipped with safety features (per as per section 0.4 of this document):
 - **Standard Patient Bedroom (20)** with an entry vestibule (with charting surface), supply alcove, and en suite washroom/shower (roll-in). A continuous handrail from the patient bed to the washroom shall be provided. A PPE station shall be provided exterior and adjacent to the entry to each room. For the Medical and Surgical Units, 2 of the standard patient bedrooms will be equipped with security features as per section 0.4 of this document. 2 of the standard patient rooms will be interconnected for accommodating families when necessary. Surface mounted ceiling lifts accessible from either side of the bed and extending from bed to the toilet are required.
 - **Isolation Patient Bedroom (5)** designed as an airborne isolation room (AIR) with separate family and staff zones, an anteroom/vestibule (with charting surface), supply alcove, and en suite washroom/shower (roll-in). A continuous handrail from the patient bed to the washroom shall be provided. A PPE station shall be provided exterior and adjacent to the entry to each room. Surface mounted ceiling lifts accessible from either side of the bed and extending from bed the toilet are required.
 - **Bariatric Patient Bedrooms (3)** with separate family and staff zones, an entry vestibule (with charting surface), supply alcove, and an en suite washroom/shower (roll-in); one of the two bariatric patient bedrooms will also be equipped to provide airborne isolation. A continuous handrail from the patient bed to the washroom shall be provided. A PPE station shall be provided exterior and adjacent to the entry to each room. The Medical Unit will have 2 bariatric patient bedrooms, while the Surgical Unit will have 1 bariatric patient bedroom and 1 inpatient rehab space. Gantry ceiling lift systems required.

Core support space includes administrative and clinical support space along with staff amenities to support the 28 patients on the unit as follows:

- **Central Staff Work Area** with four shared provider touch-down workstations for the nursing and allied health staff, a dedicated workstation for the unit clerk, private office for the clinical coordinator, an alcove for office equipment, a pneumatic tube and a hand hygiene sink. The Central Work area shall have the ability to observe the main public entry into the unit and the corridors to patient areas.
- **Quiet Staff Work Conference Room (1)** located near to the Central Staff Work Area
- **Waiting Area** that accommodates four people.
- **Office** for the unit manager.
- **Staff Room** with a kitchenette, small dining table, and seating for six persons.
- **Staff Locker Alcove** with 20 stacked purse/tote bag lockers for staff that do not have dedicated workstations.
- **Staff Washroom** that is wheelchair accessible.

-
- **Clean Utility Room (2)** for the storage of clean and sterile supplies.
 - **Soiled Utility Room (2)** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or destruction.
 - **Medication Room** for the preparation and storage of medications used on the unit. Includes a large Pyxis machine and is in close proximity to the staff nursing work area.
 - **Mobile Equipment Room (2)** consisting of an enclosed room with space for 1 small pyxis machine and mobile equipment storage to be located appropriately in the unit to minimize walking distances.
 - **Medical Equipment Room (2)** consisting of an enclosed room. Medical Equipment Storage to be located appropriately in the unit to minimize walking distances.
 - **Nourishment Alcove (2)** for the storage and preparation of patient meals and snacks.
 - **Equipment Storage Room** that is contiguous with the multipurpose room.
 - **Housekeeping Closet** to store a housekeeping cart and back-up supplies and for mop cleaning. Includes a floor-level sink.

Additional patient and family support spaces to be provided on each generic unit include:

- **Multipurpose Room** for patient rehabilitation and other patient/family activities (equipped for video conferencing and telehealth).
- **Patient/Public Washroom** that is wheelchair accessible.
- **Patient Washroom/Tub** for assisted bathing.
- **Patient Washroom** that is contiguous with the procedure room and wheelchair accessible.
- **Procedure Room** for patient treatment or procedures that cannot be accommodated in the patient bedroom; to be equipped for telehealth and also with security features per HHS's direction during design development.
- **Pyxis Room (2)** that is enclosed for 1 small pyxis machine to be located appropriately in the unit to minimize walking distances.

7.1 Medical Unit

Planned Scope of Services

The Medical Unit, as part of the hospital's overall medical service, will provide inpatient care to adults presenting with a variety of acute medical conditions including but not limited to cardiac and cardiovascular disease, diabetes/endocrine disorders, stroke/neurological disease, respiratory disease, and infectious disease. It will also accommodate telemetry monitoring, isolation technique, and bariatric care.

The focus of the unit will be acute episodic illness or acute exacerbation of chronic disease. Physician services will be provided through a shared-care model between medical internists and hospitalists supported by other consulting specialists. Clinical pathways will be used for common medical conditions to guide treatment and expected length of stay, and comprehensive interdisciplinary discharge planning will be conducted to minimize alternate level of care (ALC) patients and days on the unit.

Specialized palliative care will be provided to individuals who cannot be accommodated in community palliative care facilities due to requirements for extensive pain and symptom management.

In addition, complex long-term ventilation will be provided to individuals with ventilator and/or other physiological needs beyond that provided in a community setting. This may be on an extended but temporary

basis until community care is feasible.

While the flexible use of beds on the unit is expected, specific groups of patients may be aggregated to optimize staff expertise and enhance patient safety — such as palliative care, geriatric assessment, specialized convalescent care, or complex long-term ventilation.

Proposed Staffing

Staffing on the Medical Unit will be delivered by a multidisciplinary team with the staff mix and numbers based on general industry standards. Medical residents, medical students, and other health science students will participate in clinical activities on the unit.

Staff working on the Medical Unit will include unit-based staff as well as hospital-based staff who provide services to various patient care areas within the hospital. The proposed unit-based staffing (headcount) for the 28-bed Medical Unit is shown below:

Table 32 – Projected Staffing (Headcount) for the Medical Unit

Position	Headcount by Shift		
	Day	Evening	Night
Manager	1	---	---
Clinical Coordinator	1	---	---
Registered Nurse	4	4	2
Licensed Practical Nurse	2	2	2
Unit Clerk	1	---	---
Physiotherapist	1	---	---
Total (Headcount by Shift)	10	6	4

Up to six additional hospital-based staff could be present on the Medical Unit at any given time (day shift primarily) — including a clinical pharmacist, rehabilitation assistant, social worker, dietician, respiratory therapist, and a discharge planner.

7.2 Surgical Unit

Planned Scope of Services

The Surgical Unit, as part of the hospital's overall surgical service, will provide pre-operative and post-operative inpatient care to adults undergoing a variety of surgical procedures including general surgery, orthopedic surgery, ophthalmology, otolaryngology (ENT), urology, gynecology and dental procedures.

Patients may also be admitted to the Surgical Unit for surgical assessment without undergoing a surgical procedure, or they may be admitted for post-operative care following a surgical procedure performed in the south. Pediatric surgical care will be provided on the Pediatric Unit. Obstetrical patients will be admitted to the surgical unit for antenatal or postpartum care when the four LDRPs on the Obstetrical Unit are occupied. The unit will also accommodate telemetry monitoring, isolation technique, and bariatric care.

Proposed Staffing

Staffing on the Surgical Unit will be delivered by a multidisciplinary team with the staff mix and numbers based on general industry standards. Medical residents, medical students, and other health science students will participate in clinical activities on the unit.

Staff working on the Surgical Unit will include unit-based staff as well as hospital-based staff who provide services to various patient care areas within the hospital. The proposed unit-based staffing (headcount) for the 28-bed Surgical Unit is shown below:

Table 33 – Projected Staffing (Headcount) for the Surgical Unit

Position	Headcount by Shift		
	Day	Evening	Night
Manager	1	-	-
Clinical Coordinator	1	-	-
Registered Nurse	4	4	2
Licensed Practical Nurse	2	2	2
Unit Clerk	1	-	-
Physiotherapist	1	-	-
Total (Headcount by Shift)	10	6	4

Up to six additional hospital-based staff could be present on the Surgical Unit at any given time (day shift primarily) — including a clinical pharmacist, rehabilitation assistant, social worker, dietician, respiratory therapist, and a discharge planner.

The Surgical Unit will continue operations during planned closures of the surgical suite, providing pre- and postoperative inpatient care to unscheduled urgent or emergency patients and accommodating obstetrical or other off-service patients.

7.3 General Psychiatry Unit

Planned Scope of Services

The General Psychiatry Unit will provide inpatient care to adults presenting with mental health issues, including patients with low-risk psychiatric conditions as well as individuals certified as mentally incompetent under the Mental Health Act requiring locked-down services. This 21 bed unit will be organized into three pods; two 8-bed mental health inpatient pods (Pod A and B) and one 5-bed mental health inpatient pod (Pod C) that will have the ability to expand or contract from the remainder of the general psychiatry beds if lock-down is required. The 5-bed Pod C will have dedicated patient support spaces and the ability to use two beds to accommodate special populations such as adolescent holding. Pod A will be equipped with medical capabilities for future flexibility in service delivery, and will have one AIR and one bariatric equipped rooms. All three pods will share appropriate staff support spaces. Two seclusion rooms will be available to isolate and monitor at-risk patients, one to be shared between Pod A and B and one dedicated to Pod C.

Hospitalists supported by specialists as required will provide physician services. A hospital-based psychiatrist will direct the medical care of psychiatric patients on the unit (and in the hospital). Clinical pathways/protocols will be used when available to guide treatment and expected length of stay.

Comprehensive interdisciplinary discharge planning will be conducted to expedite discharge and minimize alternate level of care (ALC) patients and days on the unit.

Specific service components include:

- **General psychiatric inpatient care.** The general inpatient program will be provided for individuals with mental illness who do not require close observation and/or seclusion/lock-down accommodation. Specialized programming will be provided in a general ward environment for a number of low risk mental health populations or conditions.
- **Medical detoxification.** Protocols will be developed and utilized by unit staff providing care to patients requiring medical detox including specific protocols for psychiatric patients exhibiting symptoms related to dual diagnosis. Detox patients will be grouped into an designated area of the unit and cared for by interested and experienced staff in order to ensure patient and staff safety and maximized care outcomes.
- **Geriatric assessment.** The General Psychiatry Unit will provide a multidimensional, multidisciplinary, and diagnostic approach designed to collect data and information on the medical, psychosocial, and functional capabilities and limitations of elderly acute patients including those exhibiting dementia (psychogeriatrics).
- **Specialized convalescent** care will be provided to individuals requiring resources at an intensity level greater or beyond that available in the community (e.g. extensive rehabilitation).

Proposed Staffing

Staffing on the General Psychiatry Unit will be delivered by a multidisciplinary team with the staff mix and numbers based on general industry standards. Medical residents, medical students, and other health science students will participate in clinical activities on the unit.

Staff working on the General Psychiatry Unit will include unit-based staff as well as hospital-based staff who provide services to various patient care areas within the hospital. The proposed unit-based staffing (headcount) for the 21-bed Unit is shown below:

Table 34 – Projected Staffing (Headcount) for the General Psychiatry Unit

Position	Headcount by Shift		
	Day	Evening	Night
Psychiatrist	1		
Manager	1	-	-
Clinical Coordinator	1	-	-
Registered Nurse /Registered Psychiatric Nurse	7	7	5
Nurse Practitioner/MHA Counselor/Social Worker	1		
Licensed Practical Nurse	2	2	2
Unit Clerk	1	-	-
Recreation Therapist or Rehab Assistant	1	-	-
Security Officer	1	1	1
Total (Headcount by Shift)	16	10	8
<i>Note: Staff from the previously planned PICU unit have been combined in this table (1 psychiatrist, 1 nurse practitioner, 3 registered nurses (day, evening and night) and 1 security</i>			

<i>officer (day, evening and night).</i>
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Up to six additional hospital-based staff could be present on the General Psychiatry Unit at any given time (day shift primarily) — including a clinical pharmacist, social worker, dietician, occupational therapist, and a discharge planner.

Bed Configuration and Major Facility Components

As with the generic units, the major facility components for the General Psychiatry Unit include the patient bedrooms and core support space.

Patient bedrooms. All patient accommodations will be in private rooms. There will be 21 mental health patient bedrooms organized into three separate pods as follows:

- **Pod A**
 - **Mental Health Inpatient Bedroom (8)** including washroom/shower, supply alcove and equipped with medical capabilities (anti-ligature and hidden/locked medical gas panels). Placement of the washroom must not obscure view of patient room or create hiding places. One mental health inpatient bedroom equipped with AIR capabilities and one equipped with bariatric requirements, including anteroom, family zone and staff zone and no ceiling lifts.
- **Pod B**
 - **Mental Health Inpatient Bedroom (8)** including washroom/shower and supply alcove. Placement of the washroom must not obscure view of patient room or create hiding places.
- **Pod C (including dedicated patient support spaces)**
 - **Mental Health Inpatient Bedroom (5)** including washroom/shower and supply alcove. Placement of the washroom must not obscure view of patient room or create hiding places. Two rooms are flex to accommodate special populations such as adolescent holding. This pod requires ability to expand/contract in and out of lockdown zone.
 - **Security Workstation** for security officer assigned to the unit; includes lockable storage.
 - **Clinical Touchdown Station (2)** for providers working within the pod.
 - **Hand Hygiene Sink (2).** One sink per clinical touchdown station.
 - **Medication Room** for medication preparation and storage; includes a pyxis machine.
 - **Mobile Equipment Alcove** for the holding/docking of mobile equipment with electrical support.
 - **Dining/Activity/Lounge** for patients. Includes kitchenette and storage room.
 - **Individual Consult/Therapy Space** that accommodates three people with soft seating. Requires two exits.
 - **Seclusion Room** with correctional-style toiled and sleeping pad.

Core support space includes administrative and clinical support space along with staff amenities to support the patients on the General Psychiatry Unit as follows:

- **Reception Area**
 - **Clerical Workstation (2).** One for the unit clerk and one flex touchdown station.
 - **Office Equipment Alcove** with a fax/copier/printer and other related equipment.
 - **Waiting Area** that accommodates up to four people.

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- **Public Washroom** adjacent to the waiting area.
 - **Firearm locker** – should be built-in in a secure location directly outside of the unit, for police to store their gun when required before entering the unit.
 - **Staff Support**
 - **Private Office (3)** for the clinical coordinator, psychiatry manager and psychiatrist. Requires two exits.
 - **Clinical Touchdown Workstations (3)** that are unassigned for the providers working on the unit. Located throughout the unit.
 - **Hand Hygiene Sink (3).** One sink per clinical touchdown workstation.
 - **Report/Conference Room** for unassigned private meeting space; supports decentralized workstation model.
 - **Pneumatic Tube**
 - **Staff Room/Lounge** with a kitchenette, dining table and 12 chairs.
 - **Staff Lockers Alcove** with 20 stacked purse/tote bag lockers for staff without dedicated workstations.
 - **Staff Washroom (2)** that is wheelchair accessible.
 - **Patient Support**
 - **Clean Utility Room** for storage of clean and sterile supplies.
 - **Soiled Utility Room** for temporary storage of supplies and equipment to be removed for cleaning, reprocessing or disposal.
 - **Medication Room** for medication preparation and storage. Includes large pyxis machine.
 - **Mobile Equipment Room** for mobile equipment storage; to be located appropriately in the unit to minimize walking distance.
 - **General Storage** including shelving.
 - **Housekeeping Closet** for staging of housekeeping cart and mop cleaning. Includes floor-level sink.
 - **Patient Laundry Room** with residential washer/dryer.
 - **Dining Room/Lounge** that accommodates large group dining up to 15 people, barrier free. Includes dining area (chairs, tables), kitchenette and lockable cupboard for food and supplies.
 - **Patient Washroom.** 2 piece, barrier free contiguous with the dining room.
 - **Activity Room** for patient/family activities and fitness.
 - **Storage Room** shared between the dining room/lounge and activity room.
 - **Group Therapy Room/Family Education.** Accommodates up to 8 people and telehealth capable.
 - **Observation Room** including audio equipment, one way windows and adjacency to the group therapy room.
 - **Individual Consult/Therapy Space** that accommodates up to three people with soft seating and two exits.
 - **Patient Alcove (2).** Seating nook for patients; includes a bench and provides views to the outside.

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- **Seclusion Room** with correctional style toilet and pad.
 - **Procedure Room** equipped with safety features per HHS direction and telehealth capable.
 - **Secure Outdoor Space** with secure lighting and seating.
 - **Personal Storage** for patients belongings as required while staying on the unit. Secured, and accessible by staff.

7.4 Psychiatric Intensive Care Unit

This unit has been removed.

7.5 Obstetrics Unit

Planned Scope of Services

The Obstetrics Unit will remain on 2-East and continue to provide a full range of inpatient perinatal services — including assessment/triage, antepartum care, labor and delivery, postpartum, and neonatal care. Facilities and expertise will be available to resuscitate, stabilize, and care for at-risk women or critically ill newborns until they are transferred to a higher level of care. Women and/or neonates transferred to healthcare facilities in the south for specialized care may be readmitted to the unit prior to final discharge to their home communities.

The Obstetrics Unit will adopt a family-centered care philosophy, which should be translated into the architectural and interior design.

Outpatient services — specifically the Northern Women's Health program — will move from the Obstetrics Unit to the Outpatient Clinic (See Ambulatory Care Centre).

Specific service components include:

- **Assessment and triage.** Patients will typically be seen and evaluated in an assessment room, however they may be taken directly to an LDRP room if in active labour. The assessment is to determine if the patient is truly in labour or if there are any other obstetric-related complications. The process of assessment/triage can result in the patient being sent home (e.g. false labour), admitted to an LDRP room for the labour to progress, to an antenatal room for non-labour related care, or to the surgical suite for an elective C-section (admit day of surgery). The process will not always lead to an immediate admission or release. It may take several hours of observation to rule out active labour, fetal or maternal distress, or other diagnoses before the disposition decision can be made. If the decision is made to admit the patient, this is where the admission data and information will be completed by patient registration staff. This area will also be used for after-hour outpatient fetal monitoring.
- **Labour and delivery.** Care for women in labour and childbirth will be provided in LDRP rooms. LDRP is a maternity care approach that provides labour, delivery, recovery, and postpartum care for mothers and their newborns in a single room. Rooms must include facilities for care of the infant during delivery and after birth. Such rooms also include facilities for mother-baby care for the entire length of stay. The LDRP area will be resourced to accommodate low to higher risk births. Planned births are restricted to women at 34 weeks gestation or more, however the unit will be prepared for high-risk births at less than 34 weeks. Both vaginal and C-section deliveries will be accommodated although C-section procedures will be performed in the Surgical Suite.
- **Antenatal/postpartum care.** The unit will provide antenatal and post-partum care within the availability of the LDRPs (as available) or in the other available general ward /flex rooms within the unit.
- **Special care nursery care.** Normal newborns will room in with their mothers after birth and during their stay in the hospital. However, for some infants, specialized care and/or treatments are ordered requiring the infant to spend time away from the mother in a specialized treatment environment. Separation of mother and baby will also occur when at neonate is at risk and requires specialized care and observation prior to transfer to a higher level of care. In addition, accommodation and

specialized care is required for infants returning from other hospitals. This Special Care Nursery will be designed to ensure separation between infants and to maximize parent and family involvement in the child's care.

Approximately 800 annual births are projected for 2045 which represents significant growth from the 600 annual births experienced in FY 2010/11.

Projected Bed Needs

As shown in the table below, over 800 annual births are projected by 2045. It is assumed that a modified single-room maternity model will be in place — with labor, delivery, recovery, and post-partum care occurring in the same (LDRP) room. General ward beds will be provided for overflow postpartum patients when the LDR/LDRP rooms are at capacity; for longer stays associated with Caesarian sections; and for antenatal care. Newborns will generally room-in with the mother.

Six (6) LDRP rooms are planned along with two (2) antepartum rooms, and two (2) flex rooms that can be shared with the Pediatric Unit. The expected occupancy for obstetrics is 75%. In addition, a 2-room special care nursery is planned with one of these rooms capable of flexing to a general patient room if necessary (has bathroom).

Table 35 – Comparison of Current and Projected Obstetrics Beds and Births

Service	FY 2010/11	Projected			
	Funded Beds	2020	2025	2030	2045
LDR/LDRP	4	6	6	6	6
Postpartum/Gynecology	13	0	0	0	0
Postpartum/Antepartum/Flex	-	4	4	4	4
Special Care Nursery	-	2	2	2	2
Total (Headcount by Shift)	17	12	12	12	12
Births	600	721	741	757	819

Proposed Staffing

A multidisciplinary team will deliver care on the Obstetrics Unit, with the staff mix and numbers based on general industry standards. Medical residents, medical students, and other health science students will participate in clinical activities on the unit.

Staff working on the Obstetrics Unit will include unit-based staff as well as hospital-based staff who provide services to various patient-care areas within the hospital. The proposed unit-based staffing (headcount) for the 12-bed Obstetrics Unit is shown in the following table.

Table 36 – Projected Staffing (Headcount) for the Obstetrics Unit

Position	Headcount by Shift		
	Day	Evening	Night
Clinical Coordinator	1	---	---
Registered Nurse (LDRP/Triage/Assess)	2	2	2
Registered Nurse (General Ward/Flex)	1	1	---
Registered Nurse (Special Care Nursery/Float)	1	1	1
Unit Clerk	1	---	---
Total (Headcount by Shift)	6	4	3

Up to five additional hospital-based staff could be present on the Obstetrics Unit at any given time (day shift primarily) — including a clinical pharmacist, physiotherapist, social worker, dietician, and a discharge planner.

Proposed Bed Configuration

To achieve the projected number of beds for 2045, the following potential reconfiguration options should be considered during schematic design:

- Create six (6) new LDRP rooms with soaker tub in the bathroom.
- Create two (2) new general ward units with bathroom and shower that may be used for antepartum care or as parenting rooms. They also may be used as post-partum overflow if needed.
- Create two (2) new general ward units with bathroom and shower that will be used as flex beds for either Obstetrics or Pediatrics.
- Create a Special Care Nursery suite with two (2) single patient rooms. One room to have a bathroom with shower that can also be flexed to general ward care if needed. A satellite staff station will be directly adjacent to the infant care rooms with direct visibility into the rooms.

This results in a total of six (6) LDRPs, four (4) general ward rooms, and two (2) special care nursery rooms.

Major Facility Components

The Obstetrics Unit includes a birthing suite, standard patient bedrooms, a special care nursery and support space.

- **Birthing Suite** that includes 6 LDRP rooms each with an en suite washroom, a soaker tub, a supply/equipment alcove. This suite also includes an assessment/procedure room with 2 stretchers each with a curtain enclosure, and a patient washroom that is wheelchair accessible.
- **Standard Patient bedrooms (4)** where 2 of the rooms are to be used for antepartum care and care by patient, and 2 rooms to be used as flex rooms by either OBS patients or low acuity special care infants. All rooms include entry vestibule, an en suite roll-in washroom/shower and a supply alcove.
- **Special Care Nursery:**
 - **Infant Care Rooms (2)** that are private with bassinette area, family zone, infant treatment table and supply alcove.

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- **Staff Work Area** with a counter, hand hygiene sink, and supply storage – shared between the two private infant care rooms with direct visibility.
 - **Infant Resuscitation Room** that is interconnected with the two private infant care rooms.
 - **Family Washroom** located adjacent to the infant care rooms. Includes a shower and is wheelchair accessible.
 - **Procedure Room** to be shared with and adjacent to the Pediatric Unit. Includes a contiguous washroom.
 - **Patient and Family Support Space:**
 - **Family/Visitor Lounge** for mothers and infants to interact with other family members and visitors. Seating for up to 6 people and located adjacent to the entrance of the Obstetrics Unit.
 - **Patient/Public Washroom** for general use by patients and family with toilet and sink only.
 - **Support Space:**
 - **Central Staff Work Area** with three (3) shared provider touch-down workstations for the care providers, a dedicated workstation (1) for the unit clerk, a private office for the clinical coordinator, an alcove for office equipment, a hand hygiene sink and a pneumatic tube.
 - **Office** for the Maternal/Child manager and to be shared with the Pediatric Unit.
 - **Medication Room** for the preparation and storage of medications used on the unit. Includes a Pyxis machine.
 - **Mobile Equipment Alcove** (with electrical support) for the temporary holding/docking of mobile equipment used on the unit.
 - **Nourishment Alcove** for the storage and preparation of patient meals and snacks.
 - **Housekeeping Closet** to store a housekeeping cart and back-up supplies and for mop cleaning. Includes a floor-level sink.
 - **Clean Utility Room** for the storage of clean and sterile supplies.
 - **Soiled Utility Room** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or destruction.
 - **Equipment Storage Room** for the storage of portable equipment used on the unit.
 - **Staff Room** with a kitchenette, small dining table, and seating for six persons. Not shared with the Pediatric Unit.
 - **Staff Locker Alcove** with 20 stacked purse/tote bag lockers for staff that do not have dedicated workstations. Not shared with the Pediatric Unit.
 - **Staff Washroom** that is wheelchair accessible.
 - **Conference Room** with seating for up to 12 persons to be shared with the Pediatric Unit.

Facility Layout and Design Considerations

Specific facility layout and design considerations related to the Obstetrics Unit include:

- Appropriate space will be needed to accommodate a large Pyxis machine — either within an expanded medication room or by providing an adjacent alcove for the Pyxis machine.

- The staff room, staff lockers alcove, and a staff washroom should be grouped together in a discrete area (off-stage).
- The family/visitor lounge should be positioned such that its access and activity can be monitored from the central staff work area.
- All patient bedrooms — including the LDRP rooms and the high-dependency infant room and infant resuscitation room — require special sound attenuation.
- Direct access, segregated from public circulation, between the Surgery Suite and the Obstetrics Inpatient Unit is required to facilitate stretcher access for emergency C-sections.

7.6 Pediatric Unit

Planned Scope of Services

The Pediatric Unit will continue to provide inpatient services to children and adolescents under the age of 18 years reflecting a philosophy of family-centered care. Patients may be relatively stable to critically ill with unpredictable outcomes and be admitted for medical, surgical, or psychiatric conditions (psychiatric patients ages 15 and under). Pediatric surgical day care patients will be prepared for surgery, recovered, and discharged from the Pediatric Unit. The unit will also accommodate children repatriated to STH following care in the south. When required, children in foster care may be admitted to provide urgent caregiver respite.

Critically ill infants may be cared for in the special care nursery on the Obstetrics Unit. Older children will be cared for in the Intensive Care Unit, where facilities and expertise will be available to resuscitate, stabilize, and/or care for these children pending transfer to higher levels of care.

Outpatient services other than surgical day care — such as pediatric follow-up and minor procedures will occur in the Outpatient Clinic (See Ambulatory Care Centre).

The Pediatric Unit — currently occupying 2-South — will be resized to provide more efficient space utilization and enhanced operational flexibility.

Projected Bed Needs

A total of 8 beds are planned for the Pediatric Unit with an additional 2 flex beds available on the Obstetrics Unit. The target 2045 bed need is shown in the table below — assuming an average length of stay of 4.7 days, an average census of 5.7 patients, and an occupancy rate of 65%.

Table 37 – Comparison of Current and Projected Pediatric Beds

FY2010/11	Projected			
Funded Beds	2020	2025	2030	2045
10	8	8	8	9

Proposed Staffing

Staff working on the Pediatric Unit will include unit-based staff as well as hospital-based staff who provide services to various patient care areas within the hospital. The proposed unit-based staffing (headcount) for the 8-bed Pediatric Unit is shown below:

Table 38 – Projected Staffing (Headcount) for the Pediatric Unit

Position	Headcount by Shift		
	Day	Evening	Night
Clinical Coordinator	1	-	-
Registered Nurse	2	2	2
Unit Clerk	1	-	-
Total (Headcount by Shift)	4	2	2

Up to six additional hospital-based staff could be present on the Pediatric Unit at any given time (day shift primarily) — including a clinical pharmacist, physiotherapist, occupational therapist, social worker, dietician, respiratory therapist, and a discharge planner.

Proposed Bed Configuration

The average daily census is projected to be 5.7 patients in 2045. Eight (8) patient rooms on the Pediatric Unit with an additional two (2) flex rooms available on the Obstetrics Unit should accommodate variation in the pediatric census and accommodate surges in activity.

Major Facility Components

The Pediatric Unit includes patient bedrooms and core support space.

Patient bedrooms. Patient bedrooms will be designed as a standard private patient bedroom (one-bed), or as a single-bed airborne isolation rooms (AIR). Two of the standard private patient bedrooms will be equipped with security features per HHS's direction during design development, as follows:

- **Standard Inpatient Bedrooms (8)** where 2 bedrooms will be equipped with safety features and 1 will be designed as an Airborne Isolation Room (AIR). All bedrooms include entry vestibule, a roll-in washroom/shower, and supply alcove. A surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures will be installed in one standard Pediatric bedroom, and on AIR Pediatric bedroom. The AIR bedroom will include its own family zone and staff zone.

Patient and Family Support Space:

- **Patient/Public Washroom** for general use by patients and family with toilet and sink only. Wheelchair accessible.
- **Patient Washroom/Tub** for assisted bathing.
- **Multipurpose Room** for use as a family lounge, play room, rehabilitation and/or telehealth.
- **Laundry Room** with a washer/dryer.

Support Space:

- **Central Staff Work Area** with two (2) shared provider touch-down workstations for the care providers, a dedicated workstation (1) for the unit clerk, a private office for the clinical coordinator, an alcove for office equipment, a hand hygiene sink and a pneumatic tube.
- **Medication Room** for the preparation and storage of medications used on the unit. Includes a Pyxis machine.
- **Mobile Equipment Alcove** (with electrical support) for the temporary holding/docking of mobile equipment used on the unit.
- **Nourishment Alcove** for the storage and preparation of patient meals and snacks.
- **Housekeeping Closet** to store a housekeeping cart and back-up supplies and for mop cleaning. Includes a floor-level sink.
- **Clean Utility Room** for the storage of clean and sterile supplies.
- **Soiled Utility Room** for the temporary storage of supplies and equipment that will be removed for cleaning, reprocessing, or destruction.
- **Equipment Storage Room** for the storage of portable equipment used on the unit.
- **Staff Room** with a kitchenette, small dining table, and seating 6 persons. Not shared with the Obstetrics Unit.
- **Staff Locker Alcove** with 20 stacked purse/tote bag lockers for staff that do not have dedicated workstations. Not shared with the Obstetrics Unit.
- **Staff Washroom** that is wheelchair accessible.

Summary of Space Requirements

Summary of Future Space Needs

The schedule of accommodation for the renewed inpatient services is included in the Appendix. Corresponding room data sheets are provided under separate cover in the *Functional Program for the Stanton Territorial Hospital Renewal Project — Room Data Sheets*. Additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

A total of 6,376.1 component gross square metres (CGSM) will be required for the two generic units and three specialty units based on the net square metres (NSM) tabulated in the the Schedule of Accommodation and using the following net to gross space conversion factors.

It should be noted that the actual component gross square metres or “footprint” of each inpatient unit will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

Table 39 – Summary of Future Space Requirements for Inpatient Services (2045)

Facility Component		CNSM	Conversion Factor	CGSM
7.1	Medical Unit	1,078.0	1.55	1,670.9
7.2	Surgical Unit	1,078.0	1.55	1,670.9
7.3	General Psychiatry Unit	962.9	1.55	1,492.5
7.4	Psychiatric Intensive Care Unit (unit removed)	0.0	1.55	0.0
7.5	Obstetrics Unit	607.3	1.55	941.3
7.6	Pediatric Unit	387.4	1.55	600.5
Total		4,113.6	1.55	6,376.1

Facility Layout and Design Considerations

Specific facility layout and design considerations related to the inpatient units include:

- All patient bedrooms — including the LDRP rooms and the infant care rooms — require special sound attenuation.
- One of the patient bedrooms on the Medical Unit should be equipped to provide dialysis (when required).
- The staff room, staff lockers alcove, and staff washroom on each unit should be grouped together in a discrete area (off-stage).
- The family/visitor lounge on the Obstetrics Unit should be positioned such that its access and activity can be monitored from the central staff work area.
- The patient dining/lounge/activity area within Pod C of the General Psychiatry Unit should be positioned such that its access and activity can be monitored from staff work areas.
- The maternal/child health manager office and staff support space will be shared between the Obstetrics Unit and the Pediatric Unit and should, therefore, be positioned for convenient access by the staff on both units.

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.00	Inpatient Services					
7.01	MEDICAL UNIT					
7.01.01	WKS-2	Central Staff Work Area: Clerical Workstation	1	4.5	4.5	Unit clerk.
7.01.02		Waiting Area	1	6	6	Accommodates 4 people
7.01.03	WRS-2	Public Washroom	1	4.6	4.6	Wheelchair accessible, adjacent to waiting area.
7.01.04	WKS-2	Central Staff Work Area: Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.
7.01.05	WKS-1	Central Staff Work Area: Shared Workstation	4	3.7	14.8	Touch-down workstations for providers working on the unit.
7.01.06	OEQ-2	Central Staff Work Area: Office Equipment Alcove	1	6	6	Fax/copier/printer and other related equipment.
7.01.07	HHS-1	Central Staff Work Area: Hand Hygiene Sink	1	1	1	
7.01.08		Central Staff Work Area: Pneumatic Tube	1	2	2	
7.01.09	OFF-1	Office (standard)	1	9.3	9.3	Manager (Medicine).
7.01.10	KTC-2	Staff Room	1	20	20	Kitchenette, dining table, and six chairs.
7.01.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.
7.01.12	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
7.01.13	CLU-1	Clean Utility Room	2	11	22	Storage of clean and sterile supplies. To be located appropriately in the unit to minimize walking distances.
7.01.14	SLU-1	Soiled Utility Room	2	12	24	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal. To be located appropriately in the unit to minimize walking distances.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.01.15	MED-1	Medication Room	2	12	24	Medication preparation and storage; includes a large Pyxis machine. To be located appropriately in the unit to minimize walking distances.
7.01.16	MEA-2	Mobile Equipment Alcove	2	2.5	5	To be located appropriately in the unit to minimize walking distances.
7.01.17	KTC-1	Nourishment Alcove	2	4	8	Storage and preparation of patient snacks. To be located appropriately in the unit to minimize walking distances.
7.01.18	STO-1	Equipment Storage Room	1	6	6	Contiguous with the multi-purpose room.
7.01.19	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.
7.01.20	MTP-1	Multipurpose Room	1	28	28	For patient/family activities; also used for telehealth.
7.01.21	WRB-2	Patient Washroom Tub	1	16	16	For assisted bathing. Patient Lift required.
7.01.22	WRS-2	Patient Washroom	1	4.6	4.6	Contiguous with the procedure room.
7.01.23	PRC-1	Procedure Room	1	16.5	16.5	Also used for telehealth. Gantry ceiling lift systems required.
7.01.24	BDR-1	Standard Patient Bedroom (One Bed): Bedroom	18	15	270	Standard Bedrooms; Connect 2 bedrooms on each floor with door; continuous handrail from bed to washroom. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required.
7.01.25	---	Standard Patient Bedroom (One Bed): Vestibule	18	5	90	
7.01.26	WRB-1	Standard Patient Bedroom (One Bed): Washroom/Shower (Roll-in)	18	5.6	100.8	
7.01.27	---	Standard Patient Bedroom (One Bed): Supply Alcove	18	1.4	25.2	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.01.28	BDR-1	Standard Patient Bedroom (One Bed - Security Room): Bedroom	2	15	30	Two standard bedrooms for which self-harm design principles are applied. Equipped with security features including temporary lock-down, additional monitoring,
7.01.29	---	Standard Patient Bedroom (One Bed - Safe Room): Vestibule	2	5	10	
7.01.30	WRB-1	Standard Patient Bedroom (One Bed - Safe Room): Wash-room/Shower (Roll-in)	2	5.6	11.2	
7.01.31	---	Standard Patient Bedroom (One Bed - Safe Room): Supply Alcove	2	1.4	2.8	
7.01.32	BDR-2	Airborne Isolation Room (AIR) Bedroom: Bedroom	5	16.2	81	Continuous handrail from bed to washroom. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required.
7.01.33	---	Airborne Isolation Room (AIR) Bedroom: Anteroom	5	7.5	37.5	
7.01.34	---	Airborne Isolation Room (AIR) Bedroom: Family Zone	5	3	15	
7.01.35	---	Airborne Isolation Room (AIR) Bedroom: Staff Zone	5	3	15	
7.01.36	---	Airborne Isolation Room (AIR) Bedroom: Washroom/Shower	5	7.5	37.5	
7.01.37	---	Airborne Isolation Room (AIR) Bedroom: Supply Alcove	5	1.4	7	
7.01.38	BDR-3	Bariatric Patient Bedroom (One Bed): Bedroom	3	16.2	48.6	One of two bariatric bedroom also equipped to provide airborne isolation; gantry ceiling lift systems required.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.01.39	---	Bariatric Patient Bedroom (One Bed): Anteroom/Vestibule	3	7	21	
7.01.40	---	Bariatric Patient Bedroom (One Bed): Family Zone	3	3	9	
7.01.41	---	Bariatric Patient Bedroom (One Bed): Staff Zone	3	3	9	
7.01.42	---	Bariatric Patient Bedroom (One Bed): Washroom/Shower	3	7.5	22.5	
7.01.43	---	Bariatric Patient Bedroom (One Bed): Supply Alcove	3	1.4	4.2	
7.01.44	---	Pyxis Room	0	5.5	0	Enclosed room with space for 1 small pyxis machine and mobile equipment storage to be located appropriately in the unit to minimize walking distances.
7.01.44	STO-2	Medical Equipment Storage	2	12	24	To be located appropriately in the unit to minimize walking distances.
7.01.45		Quiet Staff Work/Conference Rooms	1	9.3	9.3	To be located on the unit close to 7.01.05 shared workstations.
SUBTOTAL		MEDICAL UNIT			1129.4	
7.02	SURGICAL UNIT					
7.02.01	WKS-2	Clerical Workstation	1	4.5	4.5	Unit clerk.
7.02.02		Waiting Area	1	6	6	Accommodates 4 people
7.02.03	WRS-2	Public Washroom	1	4.6	4.6	Wheelchair Accessible
7.02.04	WKS-2	Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.
7.02.05	WKS-1	Shared Workstation	4	3.7	14.8	Touch-down workstations for providers working on the unit.
7.02.06	OEQ-2	Office Equipment Alcove	1	6	6	Fax/copier/printer and other related equipment.
7.02.07	HHS-1	Hand Hygiene Sink	1	1	1	
7.02.08	PNT-1	Pneumatic Tube	1	2	2	
7.02.09	OFF-1	Office (standard)	1	9.3	9.3	Manager (Surgery).
7.02.10	KTC-2	Staff Room	1	20	20	Kitchenette, dining table,

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
						and six chairs.
7.02.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.
7.02.12	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
7.02.13	CLU-1	Clean Utility Room	2	11	22	Storage of clean and sterile supplies. To be located appropriately in the unit to minimize walking distances.
7.02.14	SLU-1	Soiled Utility Room	2	12	24	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal. To be located appropriately in the unit to minimize walking distances.
7.02.15	MED-1	Medication Room	2	12	24	Medication preparation and storage; includes a large Pyxis machine. To be located appropriately in the unit to minimize walking distances.
7.02.16	MEA-2	Mobile Equipment Alcove	2	2.5	5	To be located appropriately in the unit to minimize walking distances.
7.02.17	KTC-1	Nourishment Alcove	2	4	8	Storage and preparation of patient meals or snacks. To be located appropriately in the unit to minimize walking distances.
7.02.18	STO-1	Equipment Storage Room	1	6	6	Contiguous with the multipurpose room.
7.02.19	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.
7.02.20	MTP-1	Multipurpose Room	1	28	28	For patient/family activities; also used for telehealth. Includes assistant daily living kitchen.
7.02.21	WRB-2	Patient Washroom Tub	1	16	16	For assisted bathing. Gantry ceiling patient lift required.
7.02.22	WRS-2	Patient Washroom	1	4.6	4.6	Contiguous with the procedure room.
7.02.23	PRC-1	Procedure Room	1	16.5	16.5	Also used for telehealth. Gantry ceiling patient lift system required.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.02.24	BDR-1	Standard Patient Bedroom (One Bed): Bedroom	18	15	270	Standard bedrooms, Connect 2 bedrooms on each floor with door. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required.
7.02.25	---	Standard Patient Bedroom (One Bed): Vestibule	18	5	90	
7.02.26	WRB-1	Standard Patient Bedroom (One Bed): Washroom/Shower (Roll-in)	18	5.6	100.8	
7.02.27	---	Standard Patient Bedroom (One Bed): Supply Alcove	18	1.4	25.2	
7.02.28	BDR-1	Standard Patient Bedroom (One Bed - Security Room): Bedroom	2	15	30	Standard Bedrooms; Connect 2 bedrooms on each floor with door; continuous handrail from bed to washroom. Patient lift required.
7.02.29	---	Standard Patient Bedroom (One Bed - Safe Room): Vestibule	2	5	10	
7.02.30	WRB-1	Standard Patient Bedroom (One Bed - Safe Room): Washroom/Shower (Roll-in)	2	5.6	11.2	
7.02.31	---	Standard Patient Bedroom (One Bed - Safe Room): Supply Alcove	2	1.4	2.8	
7.02.32	BDR-2	Airborne Isolation Room (AIR) Bedroom: Bedroom	5	16.2	81	Continuous handrail from bed to washroom. Patient Lift Required. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required.
7.02.33	---	Airborne Isolation Room (AIR) Bedroom: Anteroom	5	7.5	37.5	
7.02.34	---	Airborne Isolation Room (AIR) Bedroom: Family Zone	5	3	15	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.02.35	---	Airborne Isolation Room (AIR) Bedroom: Staff Zone	5	3	15	
7.02.36	---	Airborne Isolation Room (AIR) Bedroom: Washroom/Shower	5	7.5	37.5	
7.02.37	---	Airborne Isolation Room (AIR) Bedroom: Supply Alcove	5	1.4	7	
7.02.38	BDR-3	Bariatric Patient Bedroom (One Bed): Bedroom	2	16.2	32.4	One bariatric bedroom also equipped to provide airborne isolation. Gantry ceiling patient lift systems required.
7.02.39	---	Bariatric Patient Bedroom (One Bed): Anteroom/Vestibule	2	7	14	
7.02.40	---	Bariatric Patient Bedroom (One Bed): Family Zone	2	3	6	
7.02.41	---	Bariatric Patient Bedroom (One Bed): Staff Zone	2	3	6	
7.02.42	---	Bariatric Patient Bedroom (One Bed): Washroom/Shower	2	7.5	15	
7.02.43	---	Bariatric Patient Bedroom (One Bed): Supply Alcove	2	1.4	2.8	
7.02.44	BDR-4	Inpatient Rehab: Rehab Space	1	30.6	30.6	
7.02.45	---	Inpatient Rehab: Washroom	1	7.5	7.5	
7.02.46	MED-2	Pyxis Room	0	5.5	0	Enclosed room with space for 1 small pyxis machine and mobile equipment storage to be located appropriately in the unit to minimize walking distances.
7.02.46	STO-2	Medical Equipment Storage	2	12	24	To be located appropriately in the unit to minimize walking distances.
7.02.47		Quiet Staff Work/Conference Rooms	1	9.3	9.3	To be located on the unit close to 7.02.05 shared workstations.
SUBTOTAL		SURGICAL UNIT			1129.4	
7.03	GENERAL PSYCHIATRY UNIT					
Reception						

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
Area						
7.03.01	WKS-2	Reception Area: Clerical Workstation	2	4.5	9	Unit clerk; flex station touchdown station; to be enclosed with glazing for optimized visibility.
7.03.02	OEQ-2	Reception Area: Office Equipment Alcove	1	6	6	Fax/copier/printer and other related equipment.
7.03.03		Reception Area: Waiting Area	1	6	6	Accommodates 4 people
7.03.04		Reception Area: Public Washroom	1	4.6	4.6	
Staff Support						
7.03.05	OFF-1	Private Office	3	9.3	27.9	Clinical Coordinator; Psychiatry Manager; Psychiatrist Requires 2nd exit.
7.03.06	WKS-1	Clinical Touchdown Workstations	3	3.7	11.1	Unassigned touchdown workstations for providers working on the unit. Located throughout the unit.
7.03.07	HHS-1	Hand Hygiene Sink	3	1	3	One sink per clinical touchdown workstation.
7.03.08		Report/Conference room	1	15	15	Unassigned private meeting space to support decentralized workstation model.
7.03.09	PNT-1	Pneumatic Tube	1	2	2	
7.03.10	KTC-2	Staff Room/Lounge	1	28	28	Kitchenette, dining table, 12 chairs
7.03.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.
7.03.12	WRS-2	Staff Washroom	2	4.6	9.2	Wheelchair accessible.
7.03.13	---	Fire Arm Locker	1	0	0	A built-in Fire Arm locker located securely off the unit for police to store firearms before entering the unit
Patient Support						
7.03.14	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
7.03.15	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.03.16	MED-1	Medication Room	1	12	12	Medication preparation and storage. Includes large pyxis
7.03.17	MEA-2	Mobile equipment room	1	5.5	5.5	Mobile equipment storage to be located appropriately in the unit to minimize walking distance.
7.03.18		Medical Equipment Storage	1	12	12	
7.03.19	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.
7.03.20		Patient Laundry Room	1	9	9	Residential washer/dryer
7.03.21		Dining Room/Lounge	1	60	60	Accommodates large group dining (15 people - barrier free); dining area (chairs, tables), kitchenette, lockable cupboard for food and supplies Could be contiguous with activity room
7.03.22		Dining Room - Patient Washroom	1	4.6	4.6	2 piece, barrier free Contiguous with dining room
7.03.23	MTP-1	Activity Room	1	28	28	For patients/family activities, fitness Could be contiguous with dining room.
7.03.24		Dining/Lounge/Activity Shared Storage Room	1	9.3	9.3	Storage space for recreational materials, etc. Located between the Dining Room/Lounge and Activity Room
7.03.25	TPY-1	Group Therapy Room/Family Education	1	16	16	Accommodates up to 8 people; telehealth
7.03.26	EXT-8	Observation Room	1	5.5	5.5	Includes audio equipment, one way windows. Adjacent to group therapy room
7.03.27	TPY-2	Individual Consult/Therapy Space	1	11	11	Individual therapy room with soft seating - Accommodates 3 people - Requires two exits
7.03.28		Patient Alcove	2	2	4	Seating nook; includes bench and provides views to the outside
7.03.29		Seclusion Room	1	13	13	Correctional style toilet and pad. Observable from staff

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
						work area.
7.03.30	PRC-1	Procedure Room	1	16.5	16.5	To be equipped with safety features per HHS direction; also used for telehealth.
7.03.31		Secure Outdoor Space	-	-	-	Access to secure outdoor area of approx. 60 NSM must be provided. Secure lighting and seating
7.03.32	---	Personal Storage	1	6	6	An enclosed room for storage of all patients belongings. Includes shelving. Accessible by staff.
General Psychiatry Inpatient Pod A (medical and psych capabilities)						
7.03.33	BDR-1	Mental Health Inpatient Bedroom	6	27	162	Includes washroom/shower, supply alcove. Medical capabilities (anti-ligature and hidden/locked medical gas panels) Placement of washroom must not obscure view of patient room or create hiding places
7.03.34	---	AIR Inpatient Bedroom	1	38.6	38.6	Includes anteroom, family zone, staff zone, washroom/shower, supply alcove. No ceiling lifts Could be used for general psychiatric patients or medical inpatients (anti-ligature and hidden/locked medical gas panels) Placement of washroom must not obscure view of patient room or create hiding places

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.03.35	WRB-1	Bariatric Inpatient Bedroom	1	38.1	38.1	Includes ante-room/vestibule, family zone, staff zone, washroom/shower, supply alcove. No ceiling lifts Could be used for general psychiatric patients or medical inpatients (anti-ligature and hidden/locked medical gas panels) Placement of washroom must not obscure view of patient room or create hiding places.
General Psychiatry Inpatient Pod B						
7.03.36	PED-1	Mental Health Patient Bedroom (One Bed): Bedroom	8	15	120	Anti-ligature
7.03.37	---	Mental Health Patient Bedroom (One Bed): Washroom/Shower (Roll-in)	8	5.6	44.8	Placement of washroom must not obscure view of patient room or create hiding places
7.03.38	---	Mental Health Patient Bedroom (One Bed): Supply Alcove	8	1.4	11.2	
Psychiatric High Acuity Pod C						
7.03.39	WKS-2	Security Workstation	1	4.5	4.5	For security officer assigned to the unit. Includes lockable storage. To be enclosed with glazing for optimized visibility.
7.03.40	WKS-1	Clinical Touchdown Workstations	2	3.7	7.4	Touch-down workstations for providers working on the unit.
7.03.41	HHS-1	Hand Hygiene Sink	2	1	2	One sink per clinical touch-down workstation.
7.03.42	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes a Pyxis machine.
7.03.43	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Holding/docking of mobile equipment with electrical support.
7.03.44	MTP-1	Dining/Activity/Lounge	1	30	30	For patient dining, activities and lounging. Includes kitchenette and storage room

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.03.45	TPY-2	Individual Consult/Therapy Space	2	11	22	Individual therapy room with soft seating - Accommodates 3 people - Requires two exits
7.03.46	BDR-5	Mental Health Patient Bedroom: Bedroom (One Bed)	5	15	75	No negative pressure - 2 rooms are flex for either general psych use or adolescent holding. - Flex rooms require ability to expand /contract in and out of the lockdown zone
7.03.47	---	Mental Health Patient Bedroom: Washroom/Shower (Roll-In)	5	5.6	28	Placement of washroom must not obscure view of patient room or create hiding places
7.03.48	EXT-8	Seclusion room	1	13	13	Correctional style toilet and pad. Observable from staff work area.
TOTAL		PSYCHIATRIC UNIT			980.5	
7.05		OBSTETRICS UNIT				
7.05.01	WKS-2	Central Staff Work Area: Clerical Workstation	1	4.5	4.5	Unit clerk (shared with the Pediatric Unit).
7.05.02	OFF-1	Central Staff Work Area: Office (Standard)	1	9.3	9.3	Private office for Clinical Coordinator.
7.05.03	WKS-1	Central Staff Work Area: Shared Workstation	3	3.7	11.1	Touch-down workstations for providers working on the unit.
7.05.04	OEQ-1	Central Staff Work Area: Office Equipment Alcove	1	4	4	Fax/copier/printer and other related equipment.
7.05.05	HHS-1	Central Staff Work Area: Hand Hygiene Sink	1	1	1	
7.05.06	PNT-1	Central Staff Work Area: Pneumatic Tube	1	2	2	
7.05.07	OFF-1	Office (Standard)	1	9.3	9.3	Manager (Maternal/Child); shared with the Pediatric Unit.
7.05.08	KTC-2	Staff Room	1	14	14	Kitchenette, dining table, and six chairs; not shared with the Pediatric Unit.
7.05.09	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation; not shared with the Pediatric Unit.
7.05.10	CFR-1	Conference Room	1	20	20	Conference room seating up to 12, shared with Paediatrics.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.05.11	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
7.05.12	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
7.05.13	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.
7.05.14	MED-1	Medication Room	1	12	12	Medication preparation and storage; includes a Pyxis machine.
7.05.15	KTC-1	Nourishment Alcove	1	4	4	Storage and preparation of patient meals or snacks.
7.05.16	MEA-2	Mobile Equipment Alcove	2	2.5	5	Holding/docking of mobile equipment with electrical support.
7.05.17	STO-1	Equipment Storage Room	1	12	12	
7.05.18	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.
7.05.19	WTA-1	Family/Visitor Lounge	1	14	14	Lounge-type seating for about 6 persons; adjacent to entrance to the Obstetrics Unit.
7.05.20	WRS-2	Patient/Public Washroom	1	4.6	4.6	Wheelchair accessible; adjacent to family/visitor lounge.
7.05.21	LDR-5	Birthing Suite: Assessment/Procedure Room	1	36	36	To be equipped with safety features per HHS direction; equipped for video. For antepartum assessment. Includes 2 semi-enclosed stretcher bays with 3 sided partition walls, and curtain front.
7.05.22	WRS-2	Birthing Suite: Patient Washroom	1	4.6	4.6	For the users of the the assessment room; wheelchair accessible.
7.05.23	LDR-1	Birthing Suite: Labour/Delivery/Recovery/Postpartum Bedroom	6	40.5	243	Includes en suite washroom with a three-sided birthing/soaking tub and supply/equipment alcove; ceiling lifts required.
7.05.24	PRC-1	Procedure Room:	1	16.5	16.5	One room to be shared and adjacent with Pediatrics. Gantry ceiling patient lift system required.
7.05.25	WRS-2	Procedure Room: Washroom	1	4.6	4.6	Contiguous with the shared procedure rooms.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.05.26	BDR-1	Standard Patient Bedroom (One Bed - Antepartum): Bedroom	2	15	30	Standard bedrooms for antepartum care, and care by patient. Ceiling lifts required.
7.05.27	---	Standard Patient Bedroom (One Bed - Antepartum): Vestibule	2	5	10	
7.05.28	WRB-1	Standard Patient Bedroom (One Bed - Antepartum): Wash-room/Shower (Roll-in)	2	5.6	11.2	
7.05.29	---	Standard Patient Bedroom (One Bed - Antepartum): Supply Alcove	2	1.4	2.8	
7.05.30	BDR-1	Standard Patient Bedroom (One Bed - Flex): Bedroom	2	15	30	Flex rooms for use by either OBS patients of low acuity special care infants. Ceiling lifts required.
7.05.31	---	Standard Patient Bedroom (One Bed - Flex): Vestibule	2	5	10	
7.05.32	---	Standard Patient Bedroom (One Bed - Flex): Washroom/Shower (Roll-in)	2	5.6	11.2	
7.05.33	---	Standard Patient Bedroom (One Bed - Flex): Supply Alcove	2	1.4	2.8	
7.05.34	LDR-2	Special Care Nursery: Private Infant Care Room	2	11.5	23	Includes bassinette area, family zone, and supply alcove.
7.05.35	LDR-3	Special Care Nursery: Staff Work Area (Nursery)	1	4.6	4.6	One per each two infant care rooms; counter, hand hygiene sink, and supply cart.
7.05.36	LDR-4	Special Care Nursery: Infant Resuscitation Room	1	13	13	Interconnected with the two private infant care rooms.
7.05.37	WRS-2	Special Care Nursery: Family Space	1	5.6	5.6	Family Space/Sleep Alcove
7.05.38	---	Charting Alcove	2	1.4	2.8	Contiguous with the corridor and with a line of sight into LDRP's.
SUBTOTAL		OBSTETRICS UNIT			628.7	
7.06	PEDIATRIC UNIT					
7.06.01	WKS-2	Central Staff Work Area: Clerical Workstation	1	4.6	4.6	Unit clerk (not shared with Obstetrics Unit).

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.06.02	OFF-1	Central Staff Work Area: Office (Standard)	1	9.3	9.3	Private office for Clinical Coordinator.
7.06.03	WKS-1	Central Staff Work Area: Shared Workstation	2	3.7	7.4	Touch-down workstations for providers working on the unit.
7.06.04	OEQ-1	Central Staff Work Area: Office Equipment Alcove	1	4	4	Fax/copier/printer and other related equipment.
7.06.05	HHS-1	Central Staff Work Area: Hand Hygiene Sink	1	1	1	
7.06.06	PNT-1	Central Staff Work Area: Pneumatic Tube	1	2	2	
7.06.07	OFF-1	Office (Standard)	---	9.3	---	Manager (Maternal/Child); shared with the Obstetrics Unit.
7.06.08	KTC-2	Staff Room	1	14	14	Kitchenette, dining table, and six chairs; not shared with the Obstetrics Unit.
7.06.09	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation; not shared with the Obstetrics Unit.
7.06.10	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
7.06.11	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.
7.06.12	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.
7.06.13	MED-1	Medication Room	1	12	12	Medication preparation and storage; includes Pyxis machine.
7.06.14	KTC-1	Nourishment Alcove	1	4	4	Storage and preparation of patient meals or snacks.
7.06.15	MEA-2	Mobile Equipment Alcove	1	2.5	2.5	Holding/docking of mobile equipment with electrical support.
7.06.16	STO-1	Medical Equipment Storage Room	1	12	12	
7.06.17	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.
7.06.18	MTP-1	Multipurpose Room	1	22	22	For use as family lounge, play room, rehabilitation, and/or telehealth.
7.06.19	WRS-2	Patient/Public Washroom	1	4.6	4.6	Wheelchair accessible.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.06.20	WRB-2	Patient Washroom/Tub	1	16	16	For assisted bathing. Gantry Ceiling Patient lift required.
7.06.21	WRS-2	Laundry Room	1	4.6	4.6	Small room with washer/dryer.
7.06.22	BDR-1	Standard Inpatient Bedroom: Bedroom	5	15	75	Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required in one Standard Pediatric Room.
7.06.23	---	Standard Inpatient Bedroom: Vestibule	5	5	25	
7.06.24	---	Standard Inpatient Bedroom: Washroom/Shower (Roll-In)	5	5.6	28	
7.06.25	---	Standard Inpatient Bedroom: Supply Alcove	5	1.4	7	
7.06.26	PED-1	Standard Patient Bedroom (One Bed - Security Room): Bedroom	2	15	30	Two standard bedrooms for which self-harm design principles are applied. Equipped with security features including temporary lock-down, additional monitoring,
7.06.27	---	Standard Patient Bedroom (One Bed - Safe Room): Vestibule	2	5	10	
7.06.28	---	Standard Patient Bedroom (One Bed - Safe Room): Wash-room/Shower (Roll-in)	2	5.6	11.2	
7.06.29	---	Standard Patient Bedroom (One Bed - Safe Room): Supply Alcove	2	1.4	2.8	
7.06.30	---	Airborne Isolation Room (AIR) Bedroom: Bedroom	1	16.2	16.2	Surface mounted ceiling lift accessible from either side of the bed and extending from bed to toilet required in one AIR Pediatric Room.
7.06.31	---	Airborne Isolation Room (AIR) Bedroom: Anteroom	1	7.5	7.5	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
7.06.33	---	Airborne Isolation Room (AIR) Bedroom: Family Zone	1	3	3	
7.06.34	---	Airborne Isolation Room (AIR) Bedroom: Staff Zone	1	3	3	
7.06.35	---	Airborne Isolation Room (AIR) Bedroom: Washroom/Shower (Roll-In)	1	7.5	7.5	
7.06.36	---	Airborne Isolation Room (AIR) Bedroom: Supply Alcove	1	1.4	1.4	
SUBTOTAL		PEDIATRIC UNIT			387.8	
TOTAL		Inpatient Services			4255.8	

Future Flexibility

The proposed inpatient units are separated into general units and specialty units. It is assumed that the design of the general units — the Medical Unit, the Surgical Unit, and the General Psychiatry/Medical Unit— would be fairly generic such that the beds could flex for medical, surgical, or dual-diagnosis general psychiatric patients to accommodate fluctuations in census. The core support space of all three units is identically sized and should be configured and equipped similarly.

8.0 Pharmacy

Overview of Program Renewal for the Pharmacy

The pharmacy will continue to be responsible for drug distribution and clinical pharmacy services at Stanton Territorial Hospital (STH) and will purchase and distribute vaccines to the southern region of the Northwest Territories.

Pharmacy: Functional Planning Assumptions

Current Situation

The pharmacy occupies 105 component gross square metres (CGSM) in the west wing of the main floor. In addition to the core pharmacy area, the current space includes a small entry/meeting area with a Pyxis machine (night cupboard), a compounding room, a narcotics vault, storage area, and an office for the pharmacist. There is no formal receiving/breakout area — with direct access from the hospital loading dock/staging area — and the central production area is undersized. However, convenient access is provided to the emergency department and the elevators to the inpatient units. A Pyxis machine is located in each inpatient unit and two are located in the emergency department (one large machine and one smaller machine in the trauma/resuscitation area).

Planned Scope of Services

The pharmacy will continue to be responsible for drug distribution and clinical pharmacy services as follows.

- **Drug distribution.** The pharmacy is responsible for ordering and dispensing all drugs and pharmaceuticals used throughout the hospital and will continue to be supported by a computerized pharmacy information system. Once a medication is prescribed by a physician (via electronic order entry) a patient profile will be created to track the ordered medication and identify allergies and/or adverse drug interactions. Medication administration in the patient care areas will be supported using a point-of-use, unit-dose delivery system (Pyxis), ward stock, and narcotic inventories. Medication administration records (MAR) will be electronically generated and used by nursing staff when administering medications. Pharmacy staff will prepare all special medications used in the hospital — such as chemotherapy infusions, total parenteral nutrition (TPN), and other special intravenous (IV) solutions.
- **Clinical pharmacy.** Pharmacists will provide clinical pharmacy services to all clinical areas — including medication reconciliation, prescribing advice, and patient counseling — and will also participate in the anticoagulation management service.

Hours of Operation

The pharmacy will be staffed from 0800 hours to 1600 hours, seven days per week; pharmacists and pharmacy technicians will be on-call after hours.

Projected Staffing

The projected staffing (headcount) for the pharmacy is shown in the table below.

Table 40 – Projected Staffing (Headcount) for the Pharmacy

Position	Headcount by Shift		
	Day	Evening	Night
Manager (Pharmacist)	1	-	-
Pharmacist (Drug Distribution — Weekends)	1	-	-
Pharmacist (Clinical Pharmacy)	4	-	-
Pharmacy Technician	4	-	-
Total (Headcount)	10	-	-

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

The pharmacy should remain in the west wing of the main floor. This location provides for service access for drug deliveries and staging as well as convenient access to critical care services, the outpatient clinic, and the main elevators that lead to the inpatient units and surgery suite.

8.1 Pharmacy

Major Facility Components and Work Flow

As shown in the functional diagram on the following page, the pharmacy will include the following key spaces:

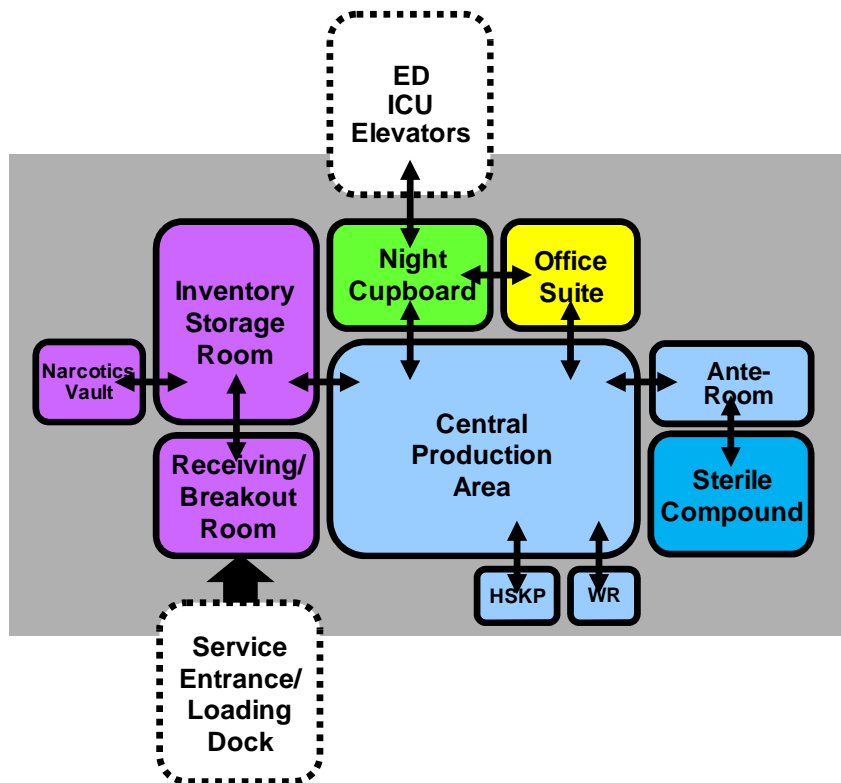
- **Receiving and Breakout Room.** Incoming supplies — delivered to the STH loading dock/service entrance — will be transported directly to a dedicated pharmacy receiving and breakout room where they will be inspected, scanned, and reconciled with purchase orders. Items will be removed from shipping containers and the packing materials either discarded or stored for recycling. This room includes a workstation with computer, printer, label printer, carts/shelving and container recycling/trash bins. Direct access should also be provided from this room to the pharmacy inventory storage room.
- **Purchasing Workstation** for drug information resources.
- **Inventory Storage Room** for storage of drugs, packaging materials and includes two refrigerator/freezers. Should be a secured space containing a predetermined amount of inventory for the hospital. The storage of narcotics and controlled substances must meet Territorial and/or Federal requirements. Will include 60 linear metres of moveable high density shelving and fixed shelving for general storage; fixed shelving will consist of ten, 3 inch wide shelving units that are 5 shelves high and equipped with small bins.
- **Narcotics Vault** to provide secure (alarmed) storage room for narcotics and controlled substances.
- **Central Production Area** is where active stock is kept, unit-doses are prepared, and replenishment carts are stocked. Includes 4 workstations, unit-dose packaging equipment, 2 refrigerators/freezers, 4 computers, 2 printers, 2 label printers, emergency eye wash and a hand hygiene sink.
- **Sterile Compounding/Preparation Area** will include an entry vestibule and 4 separate work rooms — each with its own separate anteroom — for the preparation of sterile products using a laminar flow

hood and chemotherapy using a biological safety cabinet in compliance with CSA Z8000 and Canadian Pharmacists Association (CPhA) standards for occupational health and safety regulations.

- **Night Cupboard** that includes a Pyxis machine, refrigerator and additional secured storage (as required) for patient medications to be accessed after hours when they are not available in a specific patient care area. Should be located near to the Medical Inpatient Unit, and be accessible by all Inpatient Units.
- **Office Suite** with 1 office for the pharmacy manager, 2 workstations for pharmacy staff and a conference room with seating for 8-10 people with teleconferencing capabilities.
- **Staff Washroom** with wheelchair accessibility and accessible from within the pharmacy area.
- **Pneumatic Tube**
- **Housekeeping Closet** for storing the housekeeping cart and includes a floor-level sink and shelving for supplies. Must be accessible from outside corridor.

Additional secure refrigerator storage for anti-virals (pandemic-ready) will be provided in the materials management warehouse.

**Diagram 7 – Central Pharmacy
Major Facility Components and Functional Adjacencies**



Facility Layout and Design Considerations

Key facility layout and design considerations pertaining to the configuration of the central pharmacy are listed below:

- The central pharmacy will not be accessed by outpatients, visitors, or the public. Clinical pharmacy consults with outpatients and families will occur in the Outpatient Clinic; consults with staff will occur throughout the hospital — generally at the point of service.
- The night cupboard includes a Pyxis machine, refrigerator and additional secured storage (as required) for patient medications to be accessed after hours when they are not available in a specific patient care area. It should be located centrally to all Inpatient Units, Critical Care and Pharmacy, and near to the Medical Inpatient Unit.
-
- An alarm system should be provided to monitor the pharmacy peripheral doors and internal secure areas such as the narcotics vault. Drug storage areas should be independently securable.
- Provisions should be made for the safe storage of narcotics and controlled substances, quarantine drugs and hazardous drugs, flammables, and combustibles. Requirements for the handling and storage of narcotics and controlled substances are addressed in federal regulations, Canadian Pharmacists Association (CPhA) standards, and occupational health and safety regulations.
- Pharmacy refrigerators should be calibrated and alarmed either independently or centrally monitored as part of a total building security system; back-up refrigerators should be available in case of overstock or failure.
- Visual monitoring (glazing) should be provided between the sterile and chemotherapy preparation rooms, anterooms, and entry vestibule and adjacent pharmacy spaces for safety.
- Biological safety cabinets and other vented safety cabinets or hoods must be vented in accordance with CSA-Z317.2-10.
- Space provided for order entry, preparation, and distribution of pharmaceuticals must adhere to all relevant CPhA standards and guidelines.

Summary of Space Requirements

Summary of Future Space Needs

The schedule of accommodation for the central pharmacy is included in the Appendix. Corresponding room data sheets are provided under separate cover in the *Functional Program for the Stanton Territorial Hospital Renewal Project — Room Data Sheets*. Additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

A total of 330.7 component gross square metres (CGSM) will be required for the pharmacy by 2045 based on a total of 254.4 net square metres (NSM) tabulated in the the Schedule of Accommodation and using a net to gross space conversion factor of 1.30. It should be noted that the actual component gross square metres or “footprint” of the pharmacy will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
8.00	Pharmacy					
8.01	PHARMACY					
8.01.01	PHM-1	Receiving and Breakout Room	1	12	12	Includes workstation with computer, printer, label printer, carts/shelving, and container recycling/trash bins.
8.01.02	OFF-1	Purchasing Workstation	1	9.3	9.3	Workstation and drug information resources; outpatient consulting to be performed in outpatient clinic or elsewhere in hospital.
8.01.03	PHM-2	Inventory Storage Room	1	22	22	Storage of drugs, packaging materials (bottles, vials, plastic medication bags, and office supplies); two refrigerator/ freezers. Will require 60 linear metres of moveable high density shelving and 10 three inch wide shelving units, 5 shelves high, that are fixed for general storage and include small bins.
8.01.04	PHM-3	Narcotics Vault	1	10	10	Secure (alarmed) room for drug storage.
8.01.05	PHM-4	Central Production Area	1	72	72	Four workstations, unit-dose packaging equipment, two refrigerators/ freezers, four computers, two printers, two label printers, emergency eye wash, and hand hygiene sink.
8.01.06	PHM-5	Sterile Compounding/Preparation Area: Entry Vestibule (Gowning)	1	10	10	Includes gowning supplies, soiled linen hamper, emergency eyewash, and hand hygiene sink.
8.01.07	PHM-6	Sterile Compounding/Preparation Area: Sterile Ante Area- ISO 8 - USP 797	1	30	30	Includes workstation, utility/supply carts; automatic door and a refrigerated pass-through to sterile prep and central production area; glazing should be provided to allow visual monitoring from adjacent pharmacy spaces for safety.
8.01.08	PHM-7	Sterile Compounding/Preparation Area: Sterile Preparation Room	1	10	10	Includes laminar flow hood/workstation and hand hygiene sink; refrigerated pass-through to sterile prep ante area is required. Postive pressure re-

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
8.01.09	PHM-8	Sterile Compounding/Preparation Area: Chemotherapy Prep Anteroom - ISO 7	1	10	10	Includes workstation and hand hygiene sink; refrigerated pass-through to chemotherapy prep room is required.
8.01.10	PHM-9	Sterile Compounding/Preparation Area: Chemotherapy Prep Room - ISO 7	1	10	10	Includes biosafety cabinet/workstation, and utility/storage carts; automated door and refrigerated pass-through to chemotherapy prep anteroom; glazing should be provided to allow visual monitoring from adjacent pharmacy spaces for safety. Negative Pressure Required.
8.01.11	PHM-10	Night Cupboard	1	10	10	Includes a Pyxis machine, refrigerator and additional secured storage (as required) for patient medications to be accessed after hours when they are not available in a specific patient care area. It should be located centrally to all Inpatient Units, Critical Care and Pharmacy, and near to the Medical Inpatient Unit.
8.01.12	OFF-1	Office Suite: Office (Standard)	1	9.3	9.3	Pharmacy manager.
8.01.13	WKS-1	Office Suite: Workstation	2	4.5	9	Pharmacy staff.
8.01.14	CFR-1	Office Suite: Conference Room	1	19.6	19.6	Seating for eight to ten persons with teleconferencing capabilities and nourishment station.
8.01.15	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible. Accessible from within Pharmacy area.
8.01.16	PNT-1	Pneumatic Tube	1	2	2	
8.01.17	HSK-1	Housekeeping Closet	1	4.6	4.6	Housekeeping cart, floor-level sink, and shelving for supplies. Accessible from outside corridor.
SUBTOTAL		PHARMACY			254.4	
TOTAL		Pharmacy			254.4	

Future Flexibility

The functional program and schedule of accommodation for the pharmacy were prepared based on the current CSA Z8000 standards. During schematic design, an emphasis should be placed on optimizing future flexibility and adaptability to accommodate changes in technology and automation through 2045. The central production area should be designed as a flexible, open area that can accommodate modular workstations or be reconfigured with automated, floor-mounted equipment in the future. Creative options for sharing the entry vestibule and anterooms for the sterile and chemotherapy preparation/compounding areas should also be considered.

Also, because the Extended Care Unit will eventually be relocated outside the hospital, an interim solution should be considered for preparing its multi-day “blister packs”— such as contracting this specific service to a retail pharmacy — in lieu of providing space which may not be needed once the extended care patients are no longer housed on-site.

By 2045, it is assumed that the STH pharmacy will either use an automated storage and dispensing system for pre-packaged unit-dose oral solids and liquids or will purchase pre-packaged doses. Interim expansion of the pharmacy production area should provide a large, open area that can flexibly accommodate both modular, manual workstations (short-term) or automated floor-mounted and/or table-top equipment (long-term).

9.0 Operational Support Services

Overview of Program Renewal for Operational Support Services

Operational support services to be located at Stanton Territorial Hospital (STH) include corporate services, hospital administration and support staff, allied health, medical affairs, medical travel, booking, health records, information and computer services, volunteers, and the breast cancer screening program. It is assumed at this time that financial services will remain off-site in leased space. In addition, health records, allied health, and volunteers are addressed in this section as well as other staff support space.

Administration and Staff Support: Functional Planning Assumptions

Current Situation

Operational support services addressed in this document are currently located both within the hospital — often fragmented — and outside the hospital as follows:

- Personnel who have corporate responsibilities within the Stanton Territorial Health Authority as well as other administrative and corporate support staff who play a critical role in the day-to-day operations of the hospital are currently located on the third floor of the hospital with the exception of the Medical Director and the Director of Medical Clinics and Services who both have offices on the first floor.
- Most of the front-line managers are currently located near their respective areas of responsibility.
- Medical affairs is located on the first floor of the hospital in a suite with five offices and a storage room that is adjacent to the main entrance/lobby.
- Workstations for transcriptionists are located in several areas at the hospital including two offices near health records on the third floor and one office in diagnostic imaging on the first floor.
- Computer services currently uses two offices on the third floor of the hospital (across from the elevators).
- The financial services and medical travel staff are currently located in leased space on the second floor of the Centre Ice Building (less than a kilometer from the hospital).
- The breast cancer screening program is based partially in the diagnostic imaging department at the hospital (technologist and program clerk) and partially in leased space on the first floor of the Diamond Plaza Building (program leader and booking clerk).

Planned Scope of Services

A central administrative office suite is planned to accommodate most of the administrative staff who require dedicated offices/workstations within the hospital — supported by one or more other “clusters” of offices within the hospital as required. The objective is to provide a flexible administrative work area where offices and workstations can be reassigned over time as staff positions and responsibilities change. A mix of private and shared offices, dedicated cubicles and open workstations, and open “touch-down” workstations for visiting or mobile staff is planned, along with shared support space.

Space will also be developed within the hospital to support Aboriginal/cultural services with the capacity to support cultural/kinship visits. Space for Aboriginal wellness — with a focus on healing practices, northern food, and traditional medicine — will be developed off-site as resources are made available.

Specific functional planning assumptions include:

- **Corporate services.** Personnel with corporate responsibilities within the Stanton Territorial Health Authority will be consolidated in an office suite within the hospital. Specific staff include the Chief Executive Officer, four directors, Coordinator for Communications Policy and Planning, Manager of Quality and Risk Management, and associated executive assistants.
- **Medical affairs** staff will continue to be responsible for physician contract administration, credentialing, and billing along with recruiting and managing the budget for physician services. The Medical Affairs Officers could either be co-located with other operational support services or located near the Provider Office Suite (see *Section 3.0 Ambulatory Care Centre*).
- **Patient care administrative support staff** include the front-line managers, infection control/occupational health, the safety (IC/OHS) coordinator, patient care coordinators, clinical education coordinator, and Aboriginal/cultural services. Specific planning assumptions include:
 - **Front-line managers.** Dedicated offices for front-line managers will continue to be located near their respective areas of responsibility — including the managers of maternal/child, critical care, medicine, surgery, psychiatry, information services, and clinical services. The managers, supervisors, and clinical coordinators for pharmacy, laboratory/diagnostic imaging, and facilities management should have dedicated offices within or near their respective departments.
 - **Infection control (IC) and occupational health and safety (OHS).** The IC/OHS coordinator will have dedicated office in the central office suite with access to an exam/consult room in the Ambulatory Care Centre (e.g., staff immunizations).
 - **Patient care coordinators (PCCs)** ensure that the patients' physical, emotional, psychosocial, spiritual and educational needs are met and are responsible for managing all hospital functions after regular business hours. The PCCs — with one assigned on each shift, seven days per week — will share an office.
 - **Staff education and development** will focus their on-site activity on mandatory education and “just in time” education and training particularly for nursing staff. An office within the hospital is planned for the Clinical Education Coordinator along with access to a classroom/conference room and secure storage space for audio-visual equipment. Occasional access to a touch-down or shared workstation will be required for nurse mentors and for proctoring examinations. All other general and/or scheduled staff education and training will occur in designated conference/classroom space within the hospital — including a large conference/classroom, smaller conference room, and a computer training laboratory.
 - **Aboriginal/cultural services** will provide cultural/kinship visits and language/interpreter services within the hospital. A language/cultural services representative will be located in the Customer Service Centre. A shared office will be provided in the central administrative office suite for the coordinator of the Aboriginal wellness program and the supervisor of the language/cultural workers. Other staff will share workstations throughout the hospital at the point of service or use a touch-down workstation in the central administrative office suite.
- **Medical travel.** The medical travel function will continue to be located off-site where it will be responsible for coordination of all aspects of medical travel provided by the Government of the Northwest Territories.
- **Booking office.** Trained clerical staff will schedule all elective patient procedures and appointments. Unit clerks or reception/registration clerks will perform simple bookings and arrange follow-up visits at the point of service or at the Customer Service Centre. Dedicated booking clerks will perform more complex bookings following established booking protocols. The booking clerks should be consolidated in a single location.

- **Transcription services** staff will be consolidated in a single location.
- **Breast cancer screening program** administrative staff will be relocated to the hospital; an shared office is planned for the breast cancer screening program leader and booking clerk within the Diagnostic Centre.
- **Computer/information services** will continue to plan, purchase, install, and maintain all communications and telecommunications equipment used in the STHA as well as maintain the network infrastructure. It will provide project management, develop small databases, support and maintain the STHA website, and conduct information system audits and investigate unauthorized computer use. All staff will be co-located in a single area within the hospital.
- **Financial services** will be responsible for financial planning, financial analysis and reporting, internal control and audit functions, accounts payable/receivable, treasury/cashier functions, and financial monitoring and administration of contracts and contribution agreements. It is assumed that financial services staff will remain outside the hospital in leased space.

Hours of Operation

General hours of operation for the central administrative office suite and other administrative office clusters will be from 0800 to 1600 hours, Monday to Friday. Access to the patient care coordinator office will be 24 hours per day, seven days per week.

Projected Staffing

The projected staffing (headcount) for administrative and operational support staff who require offices/workstations is shown in the following table.

Table 41 – Projected Staffing (Headcount) for Operational and Support Staff

		Headcount by Shift		
		Day	Evening	Night
<i>Corporate Services</i>	Chief Executive Officer	1	-	-
	Director (Operations, Patient Care, Medical Clinics)	3	-	-
	Medical Director	1	-	-
	Coordinator (Communications, Policy, and Planning)	1	-	-
	Manager (Quality and Risk Management)	1	-	-
	Receptionist	1	-	-
	Executive Assistant	2	-	-
	Total (STHA Corporate Services)	10	-	-
<i>Medical Affairs</i>	Senior Medical Affairs Officer	1	-	-
	Medical Affairs Officer	2	-	-
	Total (Medical Affairs)	3	-	-
		Headcount by Shift		
		Day	Evening	Night
<i>Administration and Staff Support</i>	IC/OHS Coordinator	1	-	-

	Patient Care Coordinator	1	1	1	
	Clinical Education Coordinator	1	-	-	
	Aboriginal Wellness/Language Cultural Worker	2	-	-	
	Booking Clerk	4	-	-	
	Clerk (Clerical Support)	1	-	-	
	Total (Administration and Staff Support)	10	1	1	
<i>Financial Services</i>	Chief Financial Officer	1	-	-	
	Controller/Manager of Finance	1	-	-	
	Manager (Budgeting and Forecasting)	1	-	-	
	Supervisor (Financial Operations)	1	-	-	
	Clerk (Accounts Payable)	2	-	-	
	Clerk (Accounts Receivable)	3	-	-	
	Clerk II (Accounting)	1	-	-	
	Clerk (Collections)	1	-	-	
	Clerk (Medical Travel)	2	-	-	
	Clerk (Finance)	1	-	-	
	Total (Financial Services)	14	-	-	
	<i>Medical Travel</i>	Manager (Medical Travel)	1	-	-
		Coordinator (Medical Travel)	1	-	-
		Medical Travel Officer	3	-	-
Senior Analyst		1	-	-	
Total (Medical Travel)		6	-	-	
<i>Computer/Information Services</i>	Technical Analyst (Network)	3	-	-	
	Technical Support Officer (Help Desk)	1	-	-	
	Technical Support Officer (Database)	1	-	-	
	Technician (Telehealth)	1	-	-	
	Total (Computer/Information Services)	6	-	-	
	Grand Total (Operational Support Staff)	49	1	1	

Health Records: Functional Planning Assumptions

Current Situation

Health records currently occupies 123 component gross square metres (CGSM) on the north side of the third floor. The space consists of a general work area (with a reception area, eight workstations, and active file storage), a sound-proofed office for the transcriptionist, a physician office/mail room (physician dictation, incomplete charts, and hospitalist test results), and a supervisor's office (with charts pending audit or transcription). There is additional space for record storage in the basement.

Planned Scope of Services

Specific service components within health records include: transcription; coding and abstracting; release of information; deficiency review and record close-out, and filing after discharge; audits; and statistical reporting and analysis.

The health records service will continue to be responsible for maintaining patient records and transcribing caregiver dictation to ensure that the information relating to a patient's care and treatment is complete. Information in the patient record will also continue to be provided to third parties — in accordance with the Access to Information and Protection of Privacy Act — and health information will be abstracted for clinical and operational activity reports as required.

Touch-down workstations are planned for hospitalists and other physicians to facilitate their review of their patients' health records and record completion. The touch-down workstations could be replaced at some point in the future with hand-held, wireless devices.

It is anticipated that paperless documentation, coding at the point of care, on-line abstracting and reporting, and voice recognition technology will have a significant impact on the health records service in the future. At such point in time, there may no longer be a need for the health records function to be located within the hospital. However, as part of STH facility renewal, space will continue to be provided for active hard-copy patient records which will need to be easily accessible to clinicians and health records staff until full electronic documentation is achieved. Hospital-based and off-site storage of archived records will also be required as part of the transition strategy.

Hours of Operation

General hours of operation for the health records service will be 7.5 hours per day, Monday to Friday with reduced hours during the Christmas holiday season. After hours, the patient care coordinators will be responsible for retrieving old charts and transporting them to the emergency department (ED) or inpatient units as required.

Projected Staffing

The projected health records staffing (headcount) is shown in the following table. The impact of the shift to an electronic health record on future staffing — and the timing — is difficult to estimate at this time. The current headcount is assumed as the status quo for facility planning purposes. However, the transcriptionist could be located outside the hospital.

Table 42 – Projected Staffing (Headcount) for Health Records

Position	Headcount by Shift		
	Day	Evening	Night
Manager (Information Services)	1	-	-
Supervisor (Health Information)	1	-	-
Health Records Tech	7	-	-
Health Records Clerk	2	-	-
Transcriptionist	6	-	-
Total (Health Records Staff)	17	-	-

Volunteers: Functional Planning Assumptions

Current Situation

Although a volunteer program previously existed at STH, there is no formal volunteer program today other than those volunteers that are part of the Auxiliary or the STH Foundation.

Planned Scope of Services

A volunteer program will be reestablished at the hospital providing volunteers with the opportunity to serve in a number of areas including:

- General greeting and way finding (Customer Service Centre)
- Emergency department
- Obstetrics inpatient unit
- Pediatric inpatient unit
- Psychiatric inpatient unit
- Medical day care area (chemotherapy)
- Surgery/day procedure area
- Pastoral visiting

Hours of Operation

Although the hours of operation of the volunteer program are yet to be determined, it is expected the volunteers will be at the hospital during the busier times of day and at a minimum from Monday to Friday in the morning and afternoon. Volunteer availability will also be a major consideration in determining the hours of service.

Projected Staffing

Given the size of STH, there could be over 200 individuals registered with the volunteer program (although most would be working limited hours). In addition, a full-time or part-time coordinator would be required. The proposed staffing model suggests a potential number of individuals (headcount) that may be working in the hospital during a typical weekday.

Table 43 – Projected Staffing (Headcount) for Volunteers

Position	Headcount by Shift		
	Day	Evening	Night
Volunteer Coordinator	1	-	-
General Greeting/Way finding (Main entrance)	2	-	-
Emergency Department	1	1	-
Obstetrics/Pediatrics/Psychiatric Units	-	1	-
Medical Day Care Unit (Chemotherapy)	1	-	-
Surgery/Day Procedure Unit	1	-	-
Pastoral Visiting (Chapel/Meditation Room)	1	-	-
Total (Volunteers)	7	2	-

Allied Health: Functional Planning Assumptions

Current Situation

Allied health providers at STH include occupational therapy, physiotherapy, social work, dietetics, and discharge planning. Social work and discharge planning offices are currently located on the third floor, while an office for the dietician is located on the main floor. Office space is provided for rehabilitation staff on the third floor as well as within the main rehabilitation treatment space on the main floor. Rehabilitation and dietetics are the only services that currently offer both inpatient and outpatient services.

Planned Scope of Services

Allied health providers will continue to be members of interdisciplinary teams practicing in a number of areas throughout the hospital. It is assumed that outpatient rehabilitation — currently occupying a significant amount of space in the east wing of the main floor — will be relocated outside the hospital. Allied health staff will use touch-down stations as necessary at the point of service. However, a “home base” office will be provided for the dietitians, social workers, and inpatient rehabilitation staff.

Functional planning assumptions relative to specific services are as follows:

- **Occupational therapy** will be integrated into the pediatric and psychiatric inpatient units. Occupational therapists may also have a role in the pre-admission and emergency follow-up clinics as well as other adult and pediatric clinics. All outpatient and community-based occupational therapy will be provided outside the hospital.
- **Physiotherapy** will be integrated into the medicine, surgery, obstetrics/gynecology, and pediatric inpatient units as well as in the emergency department and intensive care unit. Physiotherapists may also have a role in the pre-admission and emergency follow-up clinics as well as other adult and pediatric clinics. All outpatient and community-based physiotherapy will be provided outside the hospital.
- **Social work** will be integrated into the medicine, surgery, obstetrics/gynecology, and pediatric inpatient units as well as in the emergency department and intensive care unit. Social workers may also have a role in the Northern Women’s Health program, Northern Options for Women, and/or other outpatient clinics. The Yellowknife Health and Social Services Authority (YHSSA) will provide outpatient social work.
- **Dieticians**, like the physiotherapists and social workers, will be integrated into the medicine, surgery, obstetrics/gynecology, and pediatrics inpatient units as well as in the emergency department and intensive care unit. Dieticians may also have a role in the Northern Women’s Health Program and other adult and pediatric clinics. The dieticians will provide some one-on-one outpatient services and may conduct this service from their offices or as a scheduled appointment in the clinic area.
- **Discharge planning** will be integrated into the medicine, surgery, obstetrics/gynecology, and pediatric inpatient units.

Hours of Operation

General hours of operation for the hospital-based allied health staff will be from 0800 to 1600 hours, Monday to Friday, although a social worker will be on-call after hours.

Projected Staffing

The projected staffing (headcount) for allied health staff who will be working throughout the hospital has been incorporated into the functional programs for the individual service components. The total number of allied health providers (headcount) working in the hospital on a typical weekday is summarized as follows:

- Occupational therapists (3)
- Physiotherapists (3)
- Rehabilitation assistants (2)
- Social workers (2)
- Dieticians (2)
- Discharge planner (1)

Shared touch-down stations — to be used by allied health and other facility-based providers — are planned as part of the renewal of the core space on each inpatient unit. In addition, a multi-purpose room is planned for each inpatient unit that can be used for therapy that cannot be performed in the patient bedroom or hallway.

The following “home base” offices are planned for specific allied health services as follows:

- Shared office for the dietitians with convenient access to the Ambulatory Care.
- Shared office for the rehabilitation staff — physiotherapists, occupational therapists, and recreational therapist — with convenient access to an elevator to the inpatient units.
- Shared office for the social workers with access to all patient care areas of the hospital.

These offices should either be located in the central administrative office suite or in a “cluster” with other patient care administrative support offices.

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

A central administrative office suite is planned to consolidate the offices and workstations for most administrative and support staff who will be located within the hospital. Medical travel and the booking office could also be incorporated into this suite or clustered elsewhere in the hospital. Ideally, health records should be clustered with information and computer services. It is assumed that financial services will remain outside the hospital in leased space. All staff offices and workstations are sized according to the current GNWT standards based on the occupant’s position and responsibilities.

Staff washrooms should be planned to appropriately support the clustering of Operational Support Services.

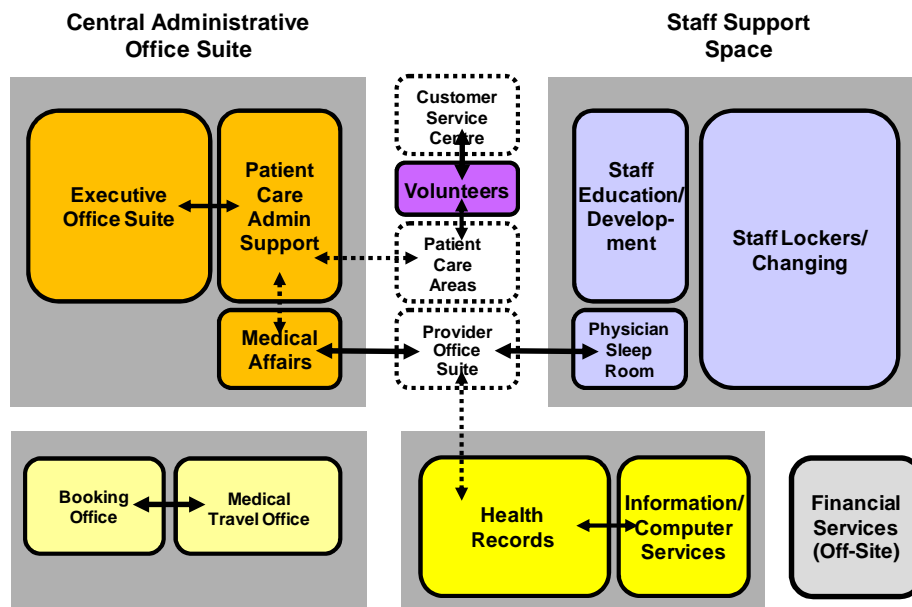
Major Facility Components

As shown in the functional diagram on the following page, operational support will include the following key functional components:

- **Executive Office Suite**
- **Patient Care Administrative Support**

- **Medical Affairs**
- **Booking Office**
- **Health Records**
- **Information/Computer Services**
- **Volunteers**
- **Other Staff Support Space**
- **Medical Travel Office (*located in off-site leased space*)**
- **Financial Services (*located in off-site leased space*)**

**Diagram 8 – Operational Support Services
Major Facility Components and Functional Adjacencies**



9.1 Executive Office Suite

The executive office suite will include executive offices and core support space:

- **Reception/Waiting Area** with seating for four persons, a coat rack and located adjacent to the reception/clerical staff workstations.
- **Workstations (4)** for a receptionist and 3 corporate executive assistants (within view of the suite entry and reception/waiting area).
- **Conference Room** with seating for eight to ten persons and teleconferencing capabilities.
- **Conference Room/Board Room** with seating for 20 to 25 persons and teleconferencing capabilities.
- **Office (Executive)** for the Chief Executive Officer.
- **Office (Director) (4)** for the Directors of operations, patient care, medical clinics and finance.

-
- **Workstation** for the coordinator of communications, policy and planning.
 - **Office (Standard)** for the manager of quality and risk management.
 - **Office Equipment Alcove** to provide space for a printer/copier/fax machine and associated office supplies.
 - **Kitchenette** with modular cabinetry, a sink, under-counter refrigerator, microwave oven, and a coffee maker.
 - **Staff Washroom** that is wheelchair accessible.

9.2 Patient Care Administrative Support

Offices and workstations for patient care administrative support staff will include:

- **Office (Standard)** for the IC/OHS coordinator. Includes a sink and small refrigerator.
- **Office (Standard)** that is shared with workstations for the two dietitians.
- **Office (Standard)** that is shared with workstations for the two social workers.
- **Office (Standard)** for the clinical education coordinator and co-located with the staff education facilities.
- **Office (Standard)** that is shared with workstations for the Aboriginal wellness coordinator and language/cultural services supervisor. Includes storage cabinet for educational materials.
- **Office** that is used as the “home base” office with 4 touchdown stations for the physiotherapists, occupational therapists and recreation therapist. Located on the surgical IP unit.
- **Workstation (2)** for clerks assisting the clinical education coordinator. Co-located with staff education facilities.
- **Workstation (2)** with partially-enclosed touch-down workstations for visiting staff. Co-located with staff education facilities.
- **Workstation** for the discharge planner.
- **Staff Washroom** that is wheelchair accessible.

9.3 Medical Affairs

Offices and workstations for the medical affairs staff include:

- **Office (Standard)** for the Senior Medical Affairs Officer.
- **Cubicles (2)** for the Medical Affairs Officers.
- **Office Equipment Alcove** for a printer/copier/fax machine and related equipment. To be shared between the customer service centre, medical affairs and booking office.
- **Kitchenette** consisting of a semi-enclosed alcove with sink/cabinetry, under counter refrigerator and microwave. To be shared with customer service centre, medical affairs and booking office.

9.4 Medical Travel Office

This function is currently located in leased space and will remain off-site. The following spaces are planned.

- **Office (Standard)** for the Medical Travel Manager.
- **Office/Cubicle** for the Medical Travel Coordinator.
- **Workstation** for the Senior Analyst.
- **Workstations (3)** for the Medical Travel Officers.

9.5 Booking Office

The booking office consists of:

- **Workstations (Carrel) (4)**

9.6 Health Records

Facility renewal of the health records service must be considered in light of its transition to an electronic environment (with limited hard-copy record storage and maintenance). Flexible space should be planned that can be adapted to another use at some point in the future. Specific spaces required prior to full-electronic conversion include:

- **Office (Standard) (2)** for the Manager and the Health Information Supervisor.
- **General Work Area** to include a reception area, 7 workstation for technicians, 3 clerical workstations, and active file storage. Also includes 610 linear metres of high density moveable shelving and 40 linear metres of fixed shelving for records in process and an office equipment alcove.
- **Physician Office/Records Room** to be used for physician dictation, holding of incomplete charts, and access to touch-down workstations for test results.
- **Archive Record Storage** to be located in the new Support Services Building.

9.7 Transcriptionist

This service will be re-located in off-site in leased space and will include:

- **Cubicles (6)** for use by the transcriptionists.
- **Office Equipment Alcove**
- **Kitchenette**

9.8 Information/Computer Services

This space should be co-located and could be located anywhere within the hospital although ideally be located near health records. Additional Information/Computer Services space is also planned for the Support Services Building. The following spaces are planned for the hospital:

-
- **Cubicles (2)** for the technical analysts.
 - **Benchspace and Storage** to be used as a work and storage area for the analysts.
 - **Server Room** that includes a touchdown station.

9.9 Volunteers

An office and a lounge for the volunteers is planned as follows:

- **Office (Standard)** for the volunteer coordinator.
- **Volunteer Lounge** that includes lockers and seating. No kitchen is included.

9.10 Other Staff Support Space

This area includes space for staff education and development, centralized male and female staff lockers/changing rooms and associated staff washrooms/showers (for staff that are not provided with lockers within their respective departments), and a physician sleep room. Specific spaces include:

- **Staff Education and Development** space includes:
 - **Conference Room** with seating for eight to ten persons.
 - **Conference/Classroom** with seating for up to 30 persons (designed with a folding partition to allow division into two smaller conference rooms as required). Includes video conference capability. This space will be used as the Emergency Operations Centre.
 - **Computer Laboratory** with eight to 12 computer workstations arranged in classroom style.
 - **Storage Room** for use by the computer laboratory for training materials.
 - **Staff Washroom (2)** to be used by conference room users.
 - **Storage Room/Equipment Alcove** to store audio/video equipment and contiguous with the large conference/classroom. Includes printer/copier/fax machine and other related equipment and supply storage.

Staff Education and Development Spaces should be clustered together, with convenient public access.

- **Female Staff Lockers/Changing Room** with an entry vestibule, 5 semi-enclosed changing cubicles with privacy curtains, and 180 full-width lockers.
- **Female Staff Washroom/Shower Area** that includes an entry vestibule, 3 handwashing sinks, 2 standard toilet stalls, 1 special toilet stall with wheelchair accessibility and 2 shower stalls.
- **Male Staff Lockers/Changing Room** with an entry vestibule, 2 semi-enclosed changing cubicles with privacy curtains and 90 full-width lockers.
- **Male Staff Washroom/Shower Area** that includes an entry vestibule, 2 handwashing sinks, 2 urinals, 1 special toilet stall with wheelchair accessibility and 2 shower stalls.
- **Physician Sleep Room** that consists of a quiet bedroom with a bed/cot and washroom/shower that is wheelchair accessible and contiguous with the bedroom.

Staff Support Lockers/Change Rooms should be located with convenient access close to the Staff Entry and Staff Parking.

9.11 Financial Services

Space has also been included in the Schedule of Accommodation for the financial services offices and workstations which are presumed to remain off-site in leased space:

- **Office (Standard) (2)** for the Controller/Finance and Budgeting/Forecasting Managers.
- **Office/Cubicle** for the Supervisor of Financial Operations.
- **Workstations (10)** with 2 dedicated for accounts payable, 3 for accounts receivable, 1 for accounting, 1 for collections, 2 for medical travel, and 1 for the finance clerk.

Facility Layout and Design Considerations

Key facility layout and design considerations pertaining the configuration of the operational support services at STH are listed below:

- Access to the server room (information/computer services) must be barrier free.
- The medical affairs staff offices/cubicles and the physician sleep room could be located within the Provider Office Suite.
- The health records transcription clerks could be located anywhere.
- The male and female lockers/changing areas should ideally be located on the main floor away from patient and public traffic. Access to the lockers/changing areas will be electronically controlled.
- Although the volunteers will be assisting at the main entrance/lobby area and Customer Service Centre, they will also need convenient access to all patient care areas.

Summary of Space Requirements

Summary of Future Space Needs

The schedule of accommodation for operational support services is included in the Appendix. Corresponding room data sheets are provided under separate cover in the *Functional Program for the Stanton Territorial Hospital Renewal Project – Room Data Sheets*. Additional information on individual room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

A total of 1,445.34 component gross square metres (CGSM) will be required for operational support services by the STHA by 2045 based on the net square metres (NSM) tabulated in the schedule of accommodation and using the following net to gross space conversion factors. It should be noted that the actual component gross square metres or “footprint” of the various operational support services will depend on the limitations of the existing building envelope and column/bay spacing, expansion potential, and the efficiency of the architectural design.

Financial services will require an additional 96.1 CGSM and medical travel will require 48.1 CGSM outside the hospital assuming they both remain in leased space.

**Table 44 – Operational Support Services
Summary of Future Space Requirements (2045)**

Facility Component	CNSM	Conversion Factor	CGSM
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Executive Office Suite	173.8	1.30	225.9
Patient Care Administrative Support	91.7	1.30	119.2
Medical Affairs	30.6	1.30	39.8
Booking Office	14.8	1.30	19.2
Health Records	154.3	1.30	200.6
Information/Computer Services	60.5	1.30	78.7
Volunteers	25.1	1.30	32.6
Other Staff Support Space	414.2	1.30	538.5
Subtotal (Hospital-Based)	965.0	1.30	1,254.5
Medical Travel Office (located off-site in leased space)	-	1.30	-
Transcriptionist (re-located off-site in leased space)	35.9	1.3	46.7
Financial Services (located off-site in leased space)	-	1.30	-
Total	1,000.9	1.30	1,301.2

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
9.00	Operational Support Services					
9.01	EXECUTIVE OFFICE					
9.01.01	WTA-1	Reception/Waiting Area	1	6	6	Seating for four persons and coat rack; adjacent to the reception/clerical staff workstations.
9.01.02	WKS-2	Workstation	1	4.5	4.5	Workstation for the receptionist; adjacent to the reception/waiting area.
9.01.03	WKS-2	Workstation	3	4.5	13.5	Workstations for the corporate executive assistants; adjacent to the reception/waiting area.
9.01.04	CFR-1	Conference Room	1	20	20	Seating for eight to ten persons with teleconferencing capabilities.
9.01.05	CFR-2	Conference Room/Board Room	1	44	44	Seating for 20 to 25 persons with teleconferencing capabilities.
9.01.06	OFF-3	Office (Executive)	1	22.5	22.5	Chief executive officer.
9.01.07	OFF-2	Office (Director)	5	13.9	69.5	Directors of Operations, Patient Care, Medical Clinics, and Finance, and the Medical Director will be in the Executive Office.
9.01.08	WKS-2	Workstation	1	4.5	4.5	Coordinator (communications, policy, and planning).
9.01.09	OFF-1	Office (Standard)	1	9.3	9.3	Manager (quality and risk management).
9.01.10	OEQ-2	Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment and supply storage.
9.01.11	KTC-1	Kitchenette	1	4.6	4.6	Semi-enclosed alcove with sink/cabinetry, under counter refrigerator, and microwave; could be combined with office equipment alcove.
9.01.12	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
SUBTOTAL	EXECUTIVE OFFICE				209	
9.02	PATIENT CARE ADMINISTRATIVE SUPPORT					
9.02.01	OFF-1	Office (Standard)	1	12.6	12.6	Infection Control/Occupational Health and Safety (OHS) Coordinator; requires sink and small refrigerator. Decentralized.
9.02.02	OFF-4	Office (Shared by Dieticians)	1	9.3	9.3	Shared office with workstations for the two dieticians. Decentralized.
9.02.03	OFF-4	Office (Shared by Social Workers)	1	9.3	9.3	Shared office with workstations for the two social workers. Decentralized.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
9.02.04	WKS-1	Office (Shared by Therapists)	1	14.8	14.8	"Home base" office with four touch-down workstations for the physiotherapists, occupational therapists, and recreation therapist. To be located on surgical IP unit.
9.02.05	OFF-1	Office (Standard)	1	9.3	9.3	Clinical Education Coordinator. Co-located with staff education facilities.
9.02.06	WKS-2	Workstation	2	4.5	9	Workstation for clerk who assists the Clinical Education Coordinator. Co-located with staff education facilities.
9.02.07	WKS-2	Workstation	1	4.5	4.5	Workstation for the Discharge Planner. Decentralized.
9.02.08	WKS-2	Workstation	2	4.5	9	Partially-enclosed touch-down workstation for visiting staff (e.g., used to proctor/supervise certification exams written by clinical staff. Co-located with staff education facilities.
9.02.09	OFF-4	Office (Shared)	1	9.3	9.3	Shared office with workstations for the Aboriginal wellness coordinator and language/cultural services supervisor with storage cabinet for educational materials. Decentralized.
9.02.10	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
SUBTOTAL		PATIENT CARE ADMINISTRATIVE SUPPORT			91.7	
9.03		MEDICAL AFFAIRS				Could be co-located with providers office suite.
9.03.01	OFF-2	Office (Standard)	1	9.3	9.3	Senior medical affairs officer.
9.03.02	WKS-4	Cubicle	2	6.5	13	Medical affairs officers.
9.03.03	OEQ-1	Office Equipment Alcove	1	4	4	Printer/copier/fax machine and related equipment; to be shared between medical affairs and booking office.
9.03.04	KTC-1	Kitchenette	1	4.6	4.6	Semi-enclosed alcove with sink/cabinetry, under counter refrigerator, and microwave; could be combined with office equipment alcove; to be shared with customer service centre, medical affairs and booking office.
SUBTOTAL		MEDICAL AFFAIRS			30.9	
9.04		MEDICAL TRAVEL OFFICE				Currently in leased space; will remain there.
9.04.01	OFF-1	Office (Standard)	1	9.3	9.3	Manager (medical travel).

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
9.04.02	WKS-5	Office/Cubicle	1	9.3	9.3	Coordinator (medical travel).
9.04.03	WKS-2	Workstation	1	4.6	4.6	Senior analyst.
9.04.04	WKS-2	Workstation	3	4.6	13.8	Medical travel officers.
SUBTOTAL		MEDICAL TRAVEL OFFICE			--	
9.05		BOOKING OFFICE				
9.05.01	WKS-1	Workstation (Carrel)	4	3.7	14.8	
SUBTOTAL		BOOKING OFFICE			14.8	
9.06		HEALTH RECORDS				
9.06.01	OFF-1	Office (Standard)	1	9.3	9.3	Manager.
9.06.02	WKS-5	Office/Cubicle	1	9.3	9.3	Office for the health information supervisor and temporary holding for charts pending audit or transcription.
9.06.03	OSS-6	General Work Area	1	120	120	Includes reception area, 7 workstations of 4.6 NSM each for technicians and 3 for clerical staff, and active file storage. Also includes office equipment alcove with collating copier, fax machine and stationary storage. Requires high density moveable shelving of approximately 610 linear metres and 40 linear metres of fixed shelving for records in process.
9.06.04	OSS-7	Physician Office/Records Room	1	12	12	Physician dictation, incomplete charts, and hospitalist test results; space will not be required upon full electronic conversion.
9.06.05	---	Archive Record Storage	---	190	---	Space to be located within the Support Services Building.
9.06.06	OEQ-2	Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment and supply storage.
SUBTOTAL		HEALTH RECORDS			156.6	
9.07		TRANSCRIPTIONIST				
						To be located off-site in lease space
9.07.01	---	Transcriptionist Cubicles	6	4.6	27.6	
9.07.02	OEQ-1	Office Equipment Alcove	1	4	4	
9.07.03	---	Kitchenette	1	4.6	4.6	
SUBTOTAL		TRANSCRIPTIONIST			36.2	
9.08		INFORMATION/COMPUTER SERVICES				
						Could be located anywhere in the Hospital
9.08.01	WKS-4	Cubicle	2	6.5	13	Technical analysts.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
9.08.02	---	Benchspace and Storage	1	15	15	Work and storage area for analysts.
9.08.03	---	Server Room	1	32.5	32.5	Includes a touchdown station.
SUBTOTAL		INFORMATION/COMPUTER SERVICES			60.5	
9.09	VOLUNTEERS					Should be located near the Customer Service Centre
9.09.01	OFF-1	Office (Standard)	1	9.3	9.3	Volunteer Coordinator Office to be easily accessible by public volunteers.
9.09.02	OSS-1	Volunteer Lounge	1	15.8	15.8	Includes lockers and seating. No kitchen.
SUBTOTAL		VOLUNTEERS			25.1	
9.10	OTHER SUPPORT SPACE					
9.10.01	CFR-1	Staff Education and Development: Conference Room	1	20	20	Seating for eight to ten persons.
9.10.02	CFR-2	Staff Education and Development: Conference/Classroom	1	56	56	Seating for up to 30 persons with video conference capability; designed with folding partition to allow division into two conference rooms for eight to ten persons. Room shall be designed to operate as the Emergency Operations Centre.
9.10.03	OSS-8	Staff Education and Development: Computer Laboratory	1	24	24	Computer laboratory with eight to 12 computer workstations arranged classroom style.
9.10.04	STO-1	Staff Education and Development: Storage Room	1	4.6	4.6	Storage for computer laboratory for training materials.
9.10.05	WRS-2	Staff Education and Development: Staff washroom	2	4.6	9.2	To be used by conference room users.
9.10.06	STO-1	Staff Education and Development: Storage Room/Equipment Alcove	1	9.5	9.5	Audio/video equipment; contiguous with the large conference/classroom. Includes printer/copier/fax machine and other related equipment and supply storage.
9.10.07	OSS-2	Female Staff Lockers/Changing Room: Entry Vestibule	1	2.8	2.8	
9.10.08	---	Female Staff Lockers/Changing Room: Changing Cubicle	5	1.9	9.5	Semi-enclosed with privacy curtain.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
9.10.09	---	Female Staff Lockers/Changing Room: Lockers	190	0.9	171	Full-width lockers.
9.10.10	OSS_4	Female Staff Wash-room/Shower: Entry Vestibule	1	1.9	1.9	
9.10.11	---	Female Staff Wash-room/Shower: Handwashing Sink	3	1.9	5.7	
9.10.12	---	Female Staff Wash-room/Shower: Toilet Stall (Standard)	3	1.4	4.2	
9.10.13	---	Female Staff Wash-room/Shower: Toilet Stall (Special)	1	2.8	2.8	Wheelchair accessible.
9.10.14	---	Female Staff Wash-room/Shower: Shower Stall	3	1.9	5.7	
9.10.15	OSS-3	Male Staff Lockers/Changing Room: Entry Vestibule	1	2.8	2.8	
9.10.16	---	Male Staff Lockers/Changing Room: Changing Cubicle	2	1.9	3.8	Semi-enclosed with privacy curtain.
9.10.17	---	Male Staff Lockers/Changing Room: Lockers	100	0.9	90	Full-width lockers.
9.10.18	OSS-5	Male Staff Wash-room/Shower: Entry Vestibule	1	1.9	1.9	
9.10.19	---	Male Staff Wash-room/Shower: Handwashing Sink	2	1.9	3.8	
9.10.20	---	Male Staff Wash-room/Shower: Urinal	2	1.4	2.8	
9.10.21	---	Male Staff Wash-room/Shower: Toilet Stall (Special)	1	2.8	2.8	Wheelchair accessible.
9.10.22	---	Male Staff Wash-room/Shower: Shower Stall	2	1.9	3.8	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
9.10.23	OSS-9	Physician Sleep Room: Physician Bedroom	1	9.3	9.3	Should be near Provider Office Suite. Quiet room with bed/cot; should be away from major activity areas.
9.10.24	---	Physician Sleep Room: Physician Wash-room/Shower	1	4.6	4.6	Wheel-chair accessible; contiguous with physician bedroom.
SUBTOTAL		OTHER SUPPORT SPACE			452.5	
9.11	FINANCIAL SERVICES					Currently in leased space; will remain there.
9.11.02	OFF-3	Office (Executive)	---	13.9	---	Located in Executive Office Suite.
9.11.03	OFF-1	Office (Standard)	2	9.3	18.6	Managers (controller/finance, budgeting/forecasting).
9.11.04	WKS-5	Office/Cubicle	1	9.3	9.3	Supervisor (financial operations).
9.11.05	WKS-2	Workstation	10	4.6	46	Accounts payable (2); accounts receivable (3), accounting, collections, medical travel(2), and finance.
SUBTOTAL		FINANCIAL SERVICES			--	
SUBTOTAL		Operational Support (Hospital Based)			1041.1	
		Transcriptionists relocated to Off-Site Lease			36.2	
TOTAL		Operational Support			1077.3	

Future Flexibility

The functional program and schedule of accommodation for operational support services were prepared to optimize future flexibility and adaptability to accommodate changes in staffing roles and responsibilities as medical practice, technology, and linkages to other healthcare providers continue to evolve through 2045. In particular, co-location of corporate and patient administrative support staff in a central administrative office suite will facilitate the reassignment of offices and workstations as staffing patterns change.

10.0 Facility Support Services

Overview of Program Renewal for Facility Support Services

Facility support services currently located at Stanton Territorial Hospital (STH) include materials management, biomedical engineering, housekeeping, facility operations and maintenance, food and nutrition, central sterile reprocessing (CSR), and the laundry. Several of these functions — currently located within the hospital — have been identified as potential candidates for relocation outside the hospital in a separate on-site Support Services Building to accommodate the renewal of clinical services within the hospital. These include materials management (warehousing), the laundry, and biomedical engineering. All of these services are currently located on the west side of the main floor.

10.1 Supply Receiving and Staging

Current Situation

A service entrance with a loading bay is located at the northwest corner of the hospital building with access via a dedicated service drive. Materials management space includes a receiving/decasing area (directly inside the loading door) that leads to a large storage room (approximately 247 net square metres) with an adjacent office suite. Biomedical engineering currently occupies an office and a workshop adjacent to the materials management area.

Planned Scope of Services

As part of program renewal, the relocation of bulk storage outside the hospital is being considered. A supply receiving and staging area will be maintained within the hospital with appropriate space and staff to manage and stage incoming and outgoing supplies, equipment, and materials that support the day-to-day hospital operations. New equipment will be received from the biomedical engineering area in the on-site Support Services Building and existing hospital equipment may also be sent out and returned after repair from this facility.

Hours of Operation

The supply receiving and staging area will be staffed from 0800 to 2200 hours, seven days per week.

Projected Staffing

The projected staffing (headcount) for the supply receiving and staging function is shown in the table below.

Table 45 – Projected Staffing (Headcount) for Supply Receiving and Staging

Position	Headcount by Shift		
	Day	Evening	Night
Supervisor	1	-	-
Supply Attendant	3	2	-
Biomedical Engineer	1	-	-
Total (Supply Receiving and Staging)	5	2	-

Major Facility Components

Supply receiving and staging will include a staging/breakout area, space for staging clean incoming carts and soiled outgoing carts, back-up storage for medical supplies, workstations for the supervisor and attendants, and a satellite office/work area for the biomedical engineer. The following spaces are planned:

- **Staging/Breakout Area** that is immediately inside the loading dock/service bay; the existing space could be maintained at its current size and configuration.
- **Office/Mail room** with a workstation for the supervisor, storage space for packaging supplies, and an alcove for incoming mail.
- **Biomedical Engineering Satellite** with an office/work area for the biomedical engineer and anesthesia work space. Located adjacent to renal unit and surgery.
- **Biomedical Engineering Storage** to be used as a maintenance storage room and located adjacent to the renal unit and surgery.
- **Mobile Equipment Alcove** to be used for staging mobile equipment and includes electrical support.
- **Workstation** to be shared by the supply attendants.
- **Medical Supply Storage Room** to be accessed during off hours for backup linen and medical supplies in the event that decentralized supply carts are depleted.
- **Clean Cart Staging Area** with adequate space to accommodate 12 medical supply exchange carts, two top-up carts, and nine clean case carts; it is assumed that delivery of the 12 clean linen carts will be scheduled at a different time.
- **Soiled Cart Staging Area** with adequate space to accommodate four soiled linen (hamper) carts and nine soiled case carts.
- **Trash Alcove** with bins for the temporary holding of trash and recyclables.
- **Hand Hygiene Sink** to be used by the supply attendants and biomedical engineer.
- **Male Staff Washroom** that includes two fixtures to be shared by all facility support services.
- **Female Staff Washroom** that includes two fixtures to be shared by all facility support services.

10.2 Housekeeping

Current Situation

The housekeeping service at STH is currently a contract service and the contractor is responsible for cleaning all areas of the hospital. An office and a work area is located on the second floor.

Planned Scope of Services

It is anticipated that the housekeeping service will continue to be provided as a contract service with no changes to the current scope of services given the overall size of the hospital renewal project and the relative proportion of clinical space.

Hours of Operation

The housekeeping service is provided 24 hours per day, seven days per week, 365 days per year.

Projected Staffing

A manager and approximately eight housekeepers would typically be on-site during the primary weekday shift.

Major Facility Components

Housekeeping should be relocated from the second floor to the main floor. Housekeeping's former office and work area (currently occupied by biomedical engineering) could be re-occupied and expanded as necessary. This space already has a floor-level mop sink and other features required by this service. Decentralized housekeeping closets — with space for a housekeeping cart, supplies, and a mop sink — are planned for every 650 gross square metres throughout the hospital as well as within specific departments/service components, as follows:

- **Office/Cubicle**
- **Work Area and Equipment Storage**
- **Equipment/Cart Washing Room** that includes a hose with spray nozzle, utility sink and floor drain.

10.3 Facility Maintenance and Operations

Current Situation

The facility operations and maintenance function is located in the northwest corner of the main floor. Two offices, a workshop area, and storage room are provided in this location. There are adjacent rooms for the storage of medical gases, yard equipment, and trash with access both from inside the building and outside. Space is also used in a below-grade crawlspace at STH. Some miscellaneous space is leased outside of the hospital including one heated area and one un-heated area.

The facility operations and maintenance function ensures the safe and continuous operation of the physical plant and its equipment and systems. Other responsibilities include building safety and environmental monitoring, energy management and conservation, chemical testing and treatment, inventory control, and minor construction and renovation. In addition, facility operations and maintenance manages a number of service contracts and provides assistance to the occupational therapists with the construction of patient fittings.

Hours of Operation

Planned hours of operation are as follows:

- Facilities maintenance and operations (DPWS) will provide 24/7 coverage — the hours that staff are available on site will vary based on the final facility configuration and technical/mechanical design.
- Property and program services (STHA) will be staffed from 0700 to 2300 hours, Monday to Friday, with after hours and weekend call-back.

Projected Staffing

The preliminary staffing (headcount) for the FM&O and PPS components is shown in the following table.

Table 46 – Projected Staffing (Headcount) for FM & O/PPS

Position	Headcount by Shift		
	Day	Evening	Night
Manager/Supervisor (Located at DPWS)	1	-	-
Engineer Tech	3	1	1
Total (FM&O Staff)	4	1	1
Facility Manager	1	-	-
Administrative Assistant	1	-	-
Engineer Tech	2	1	-
Total (PPS Staff)	4	1	-

Major Facility Components

The newly-organized DPWS Facility Maintenance and Operations (FM&O) staff could occupy the current FMO space. Additional space within the hospital will be created for the PWS Property and Program Services (PPS) staff as follows:

- **Office/Administration Area** where the existing room size/configuration is to be retained.
- **General Storage** where the existing room size/configuration is to be retained.
- **Medical Gas Storage** where the existing room size/configuration is to be retained.
- **Yard Storage** where the existing room size/configuration is to be retained.
- **Trash Holding** in addition to the biomed waste area provided in PPS.
- **Office** where the existing room size/configuration is to be retained.
- **Carpentry Shop** where the existing room size/configuration is to be retained.
- **Work Room** where the existing room size/configuration is to be retained.

10.4 Property and Program Services

Major Facility Components

This new service has the following spaces planned:

- **Office** for the PPS facility manager.
- **Workstation** for the administrative assistant and located adjacent to the facility manager office.
- **Workstation (2)** that are open and for use by the PPS staff.
- **Workshop Area** that includes bench work space.
- **Storage Room** for the miscellaneous storage of supplies and equipment.

-
- **Trash Holding** with exterior access required.
 - **Biomedical Waste Holding** for the staging of biomedical waste shipping containers. Requires personal protection and equipment (PPE), eye wash stations and an exterior access door.

10.5 Food Services

Current Situation

The cafeteria, kitchen, and associated dishwashing and food storage space are located on the southwest side of the main floor. Although the entrance to the cafeteria is relatively close to the main entrance lobby, outpatients and visitors must travel a circuitous route.

Planned Scope of Services

The food service will continue to operate as a service contract with the vendor responsible for providing safe, effective, efficient, and professional dietary and patient food and cafeteria services. Specific service components include:

- Cafeteria services for patients, families, staff, and visitors.
- Inpatient meals and snacks.
- Outpatient meals in selected areas — ED, Day Procedure Unit, and the Northern Women's Health Program.
- Non-patient trays to family members or support persons.
- In-house catering.
- Meals-on-wheels food preparation.
- Vending machine stocking.
- Clinical dietetics.

Hours of Operation

Dietary services will be staffed from 0600 to 2000 hours, seven days per week. The cafeteria will be open from 0730 to 1800 hours, Monday through Friday, and from 0930 to 1800 hours on weekends. The clinical nutrition service will be staffed from 0900 to 1700 hours, Monday through Friday.

Projected Staffing

The staffing pattern for the food service will be determined by the contract service provider.

Major Facility Components

The following spaces reflect the changes in space allocation for the STH food services department:

- **Office (Standard)** for the NFS Manager. Access from the outside corridor and views of the kitchen work area are required.
- **Office (Standard)** for the General Manager. Access from the outside corridor and views of the kitchen work area are required.
- **Workstation (2)** for NFS staff and contiguous with the kitchen work areas.

-
- **Receiving and Break-down** located adjacent to the Delivery Entrance.
 - **Frozen Storage** with a walk-in freezer and HD shelving.
 - **Cold Storage** with walk-in coolers and HD shelving.
 - **Dry Storage** with high density shelving.
 - **Retail Storage** for quick access to items for server and vending areas.
 - **Kitchen** that includes areas for cold prep, bake/dessert prep, bake/roast and cooking areas.
 - **Meal Assembly Area** for inpatient meal assembly.
 - **Meal Cart Staging Area**
 - **Warewashing**
 - **Cart Cleaning**
 - **Janitorial and Chemical Storage**
 - **Servery Area** that includes tray storage, cashier stations and self-prep area.
 - **Vending Machines** located outside of server for after-hours access.
 - **Dining Area**

10.6 Medical Device Reprocessing (MDR)

Current Situation

The central sterile reprocessing (CSR) function is currently located on the main floor of the hospital contiguous with the laundry and abutting the emergency department.

Equipment Planning

The location and boundaries of space assigned to the new MDR have been confirmed and will be developed on the floor above the Operating rooms.

Planning for the equipment to be installed within the new MDR is guided by several factors:

- The age, condition and technological currency of existing equipment
- Productive capacity for existing and long term future workload, based on the approved Functional Program
- Centralization of all device reprocessing within the new space
- Continuity of service to all end user departments during renovations and occupancy of the new space
- Selection of equipment that is available with operating configurations for either electrical or mechanical services
- Quantities of each major reprocessing equipment type to ensure that continuity of service can be maintained during downtime for both scheduled maintenance and unexpected failure repairs.

Equipment planning commenced with development of a list and evaluation of existing equipment. The predicted quality of that equipment is based on an estimated 3-5 year future date of occupancy of new MDR.

The majority of existing equipment is either obsolete, inflexible with respect to servicing options, not capable

of supplying increased productivity or would present significant difficulties and costs to de-install and re-install.

The Existing Inventory and Planned Inventory reports provide the details.

The Planned Inventory report recommends the quantities and estimated purchase costs of each major item of reprocessing equipment to be installed for date of occupancy, as well as future quantities as required to support future increased workloads.

Space design planning for the MDR includes allocations for one future washer/disinfector, one steam sterilizer and one low temperature gas sterilizer.

Space Planning

Functional layout of the new department is based on compliance with the CSA standards guidelines contained within CSA Z8000-11 and CSA Z314.8-08.

The basic principles followed are that the department is organized to have a work flow starting with:

- the receiving of soiled material,
- followed by disassembly and gross cleaning of all items,
- progressing to automated washing/low level disinfection,
- re-assembly and packaging for either high level disinfection or sterilization,
- clean/sterile storage
- and finally, assembly of carts for distribution to end user departments.

There must be no back flow during the gross cleaning, automated washing/disinfection, sterilization and storage.

Cross flow of reprocessing activity traffic must be minimized and must ensure that there is no risk of re-infection.

Space directly above the existing operating theatres and sterile core has been avoided when planning the locations of equipment requiring drainage and heavy utilization of mechanical services E.g. high pressure steam. The largest item of equipment, high speed cart washer, has been located so that it can be installed in a slab depression allowing carts to be loaded without the requirement for a ramp which presents additional working space requirement and the potential for work related stress injury.

Space provision has been included to allow for options for loading and unloading of the washer/disinfectors, ranging from fully manual to fully automated.

In addition to the current operation, centralization of Diagnostic Imaging and Obstetrics/gynaecology, intra-cavitary ultrasound probe reprocessing has been incorporated, with a recommendation for change from the use of aldehyde wet disinfectant to low temperature gas vapor methodology.

Space and equipment for potential increases in the G.I endoscopy program have been accounted for.

Space has been assigned for storage of disinfected or sterilized items, likely requiring a high density system.

Design standards for surgical reprocessor PPE gowning/ungowning, dedicated hand wash facilities etc. have been included.

Major Facility Components

Clustered sub-units within the MDR unit includes a decontamination area, a scope processing suite, a preparation/packaging/sterilization zone, sterile stores and associated support space. The following spaces have been planned for MDR department:

- **Decontamination Area**
 - **Soiled Dumbwaiter** from the surgical department.
 - **Receiving/Case Cart Holding** with the capacity for nine soiled case carts per day.
 - **Work Area** that includes sinks for gross cleaning and an ultrasonic cleaner.
 - **Equipment Processing Area** with tables for sorting and a loading area for three washer/disinfectors.
 - **Cart Wash Area**
 - **Backup Manual Cart Wash**
 - **Chemical Storage**
 - **Personnel Facilities** including male and female change facilities that can be accessed from the corridor into the decontamination area.

- **Scope Processing Suite**
 - **Sterile Processing Room** for scope sterilization and probe equipment with a pass-through sterile drying cabinet to the prep/pack area.

- **Preparation/Packaging/Sterilization**
 - **Work Area** that includes unloading areas for washer/disinfectors, equipment counter/storage space and hi-lo prep/pack workstations.
 - **Clean Equipment Area** with a worksurface counter and undercounter storage area.
 - **Steam Sterilizers** with maintenance access off the outside corridor.
 - **Manual Pass Through** for access back to the decontamination side.
 - **Low Temperature Sterilization Area** for low temp sterilisers.
 - **Personnel Facilities** including male and female change facilities that can be accessed from the corridor into the clean side.

- **Sterile Stores**
 - **Clean Dumbwaiter** for return to the surgical department.
 - **Case Cart Holding**
 - **Sterile Stores**

- **Additional Support Spaces**
 - **Office (Standard)** for the manager/supervisor.
 - **Tech Workstation**
 - **MDR Staff Lounge**

-
- **Staff Washroom**
 - **Water Treatment Area** that is accessible from the outside corridor.
 - **Housekeeping**

10.7 Support Services Building

The Support Services Building will be located in an integrated building or buildings, on the existing Stanton Territorial Hospital Site. Services have been grouped into functional units including Shared Support Services, Laundry and Linen Services, Materials Management, Computer/Information Services, Biomedical Engineering, Collaborative Services and Health Records.

Major Facility Components

The allocation of space for the off-site Support Services Building has been planned as follows:

- **Facility Entry & Shared Support Services**
 - **Workstation** for reception/clerical support.
 - **Workstation (3)** for the purchasing officers and located adjacent to the conference/meeting room.
 - **Workstation (4)** with 1 for the forms/contracts administrator, 1 for the transport scheduler/coordinator and 2 for accounts payable clerks.
 - **Office** for Materials Management and Support Services.
 - **Office Equipment Alcove** with a printer/copier/fax machine and other related equipment and supply storage.
 - **Conference/Meeting Room (2)** with a folding partition
 - **Washroom** for use by visitors/conference room users; must be barrier free.
 - **Staff Lounge** with seating for up to 20 people and includes a kitchenette.
 - **Housekeeping Closet/Storage** for the staging of a housekeeping cart and mop cleaning. Includes a floor-level sink.
 - **Mail Room**
- **Laundry and Linen Services**
 - **Office** for the unit supervisor and views into the laundry room.
 - **Soiled Holding** located adjacent to the loading dock.
 - **Soiled Linen Sorting** with a sink and waste disposal for gross cleaning.
 - **Washers Area** that includes a minimum 900mm service access area to rear of machines and trench.
 - **Dryers Area** that includes a minimum 900mm services access area to rear of machines.
 - **Folding Area** sized for inclusion of an automated folding machine.
 - **Sewing and Repair Area**
 - **Clean Holding**
 - **Drop-off/Pick-up Zone** located adjacent to the loading dock.
 - **Cart Cleaning**
 - **Chemical Storage**

- **Materials Management**
 - **Workstations (2)** that are shared for the distribution officers.
 - **Workstations (3)** with 1 for the inventory control clerk and 2 for the stores keepers.
 - **Warehouse Storage** consisting of an open area.
 - **Clean & Sterile Supply** with rack shelving of a height of 14 feet.
 - **Staging Area (2)** located adjacent to the shipping/receiving docks.
 - **Trash/Recycling Room** for the cardboard baler.
 - **Workroom**
 - **Barcode Scanning Station (2)**

- **Computer/Information Services**
 - **Workstations (5)** for the technical analysts, a system integration technician and an information support worker.
 - **Benchspace (5)**
 - **Workstation** for the technical support officer.
 - **Storage**
 - **Office** for the unit manager.

- **Biomedical Engineering**
 - **Workstations (4)**
 - **Benchspace (4)**
 - **Storage**
 - **Office** for the unit manager.

- **Collaborative Services**
 - **Office (2)**

- **Health Records**
 - **Workstation**

Proposed Facility Reconfiguration and Key Spaces

Facility Reconfiguration Concept

Preliminary assumptions have been developed which will be tested as part of the future occupancy planning. Current functional planning assumptions include:

- The laundry, bulk storage, and biomedical engineering will be moved outside the hospital to a separate on-site Support Services Building.
- The food service will continue to occupy its existing “footprint” on the main floor — with equipment replacement and facility renewal (and time frame) to be determined by STHA and the designated

contract provider. However, the existing space may be relocated or reconfigured within the hospital as determined during block planning and based on technical renewal requirements.

- There is a dietician office on the main floor next to the elevators. This workstation could be relocated.
- It is assumed that the current space occupied by facility operations and maintenance will be used by FM&O.
- Additional space is planned within the hospital for PPS as a “placeholder” pending further STHA/PWS discussions.
- Biomedical engineering is currently occupying space on the main floor that was originally designed for housekeeping; housekeeping could re-occupy this space if it is vacated by biomedical engineering.

Facility Layout and Design Considerations

Key facility layout and design considerations pertaining the configuration of the facility support services at STH are listed below:

- Direct access is required from the service dock to the receiving/breakout area with the office/mail room and cart staging areas immediately adjacent.
- Convenient access between the cart staging areas and the Biomedical Engineering Satellite work area is required to facilitate the movement of carts and equipment.
- Access should be provided to the backup medical supply storage room for staff who may need to access this room after hours.
- Convenient work flow should be provided between the receiving area and the Biomedical Engineering Satellite and Property and Program Services work areas for incoming/outgoing equipment.
- Access is needed to the Pharmacy Receiving and Breakout Room so that drug shipments can be immediately secured within the Pharmacy, upon arrival.
- Incoming food deliveries will be transported directly to the appropriate storage area within the kitchen.
- Direct access to the cafeteria entrance and vending area should be provided from the main entrance lobby.
- Direct access is needed between the Medical Device Reprocessing area and the surgery suite — either horizontally or vertically via an elevator (or dumbwaiter if the Surgery and Special Procedures remains in the current location in the existing building).
- The biomedical waste holding room that was constructed on the north side of the west wing could be preserved unless main floor expansion options are considered during schematic design. However, convenient access for transport vehicles needs to be provided.

Summary of Space Requirements

Summary of Future Space Needs

The schedule of accommodation for facility support services that remain within the hospital is included in the Appendix. Corresponding room data sheets are provided under separate cover in the *Functional Program for the Stanton Territorial Hospital Renewal Project — Room Data Sheets*. Additional information on individual

room functions, required adjacencies, special design features, and furniture, fixtures, and equipment are provided on the room data sheets.

A total of 1,990.6 component gross square metres (CGSM) will be required for facility support services at STH by 2045 based on the net square metres (NSM) tabulated in the schedule of accommodation and using the following net to gross space conversion factors. Another 1,461.9 CGSM is estimated for the new Support Services Building to house materials management bulk storage, the laundry/linen service, biomedical engineering, record storage, and collaborative services. It should be noted that the actual component gross square metres or “footprint” of the various facility support services will depend on the limitations of the existing building envelope and column/bay spacing, building expansion potential, and the efficiency of the architectural design.

**Table 47 – Facility Support Services
Summary of Future Space Needs**

Facility Component	CNSM	Conversion Factor	CGSM
10.1 Supply Receiving and Staging	162.6	1.25	203.3
10.2 Housekeeping	43.3	1.25	54.1
10.3 Facility Maintenance and Operations	172.5	1.25	215.6
10.4 Property and Program Services	99.5	1.30	129.4
10.5 Food Service	578.0	1.25	722.5
10.6 Medical Device Reprocessing	532.6	1.25	665.8
Subtotal (Hospital-Based)	1,588.5	1.25	1,990.6
10.7 Support Services Building	1169.5	1.25	1,461.9
Total (On-Site)			3,452.5

Space Table

Refer to the table of Functional Space Requirements on the following page:

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.00	Facility Support Spaces					
10.01	SUPPLY RECEIVING AND STAGING					
						Contiguous with Service Entrance/Loading Dock
10.01.01	FSS-9	Staging/Breakout Area	1	18	18	Existing size/configuration.
10.01.02	FSS-1	Office/Mail Room	1	9.5	9.5	Office with supervisor workstation and mail alcove; adjacent to cart staging space.
10.01.03	FSS-2	Biomedical Engineering Satellite - Renal	1	26	26	Biomedical engineering computer workstation and bench work space. Located adjacent to renal unit and surgery. Includes storage.
10.01.04	FSS-2	Biomedical Engineering Satellite - Surgical	1	18	18	Biomedical engineering computer workstation and bench work space. Located adjacent to renal unit and surgery. Includes storage. Requires access from the sub sterile corridor.
10.01.05	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Staging space for mobile equipment with electrical support.
10.01.06	WKS-1	Workstation	1	3.7	3.7	Shared workstation for the supply attendants.
10.01.07	FSS-3	Medical Supply Storage Room	1	15	15	Secured room for backup clean supply/linen storage; could be located in the surgery suite.
10.01.08	FSS-4	Clean Cart Staging Area	1	23	23	Staging space for 12 medical supply exchange carts, two top-up carts, and nine clean case carts; delivery of 12 clean linen carts will be scheduled at a different time.
10.01.09	FSS-5	Soiled Cart Staging Area	1	13	13	Staging space for four soiled linen (hamper) carts and nine soiled case carts.
10.01.10	HHS-1	Hand Hygiene Sink	1	1	1	Near office/work areas.
10.01.11	FSS-6	Trash Alcove	1	2.8	2.8	Container recycling and trash bins.
10.01.12	WRS-2	Male Staff Washroom	1	14	14	Two fixtures to be shared by all facility support services.
10.01.13	WRS-2	Female Staff Washroom	1	14	14	Two fixtures to be shared by all facility support services.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
SUBTOTAL		SUPPLY RECEIVING AND STAGING			162.6	
10.02	HOUSEKEEPING				Excludes Housekeeping Rooms distributed throughout hospital	
10.02.01	WKS-5	Office/Cubicle	1	9.3	9.3	
10.02.02	STO-1	Work Area and Equipment Storage	1	26.5	26.5	
10.02.03	FSS-7	Equipment/Cart Washing Room	1	7.5	7.5	Hose with spray nozzle, utility sink, floor drain.
SUBTOTAL		HOUSEKEEPING			43.3	
10.03	FACILITY MAINTENANCE AND OPERATIONS				Existing space to be maintained pending planning	
10.03.01	WKS-1	Office/Administrative Area	1	13.3	13.3	Existing room size/configuration to be retained.
10.03.02	OFF-1	Office	1	16.8	16.8	Existing room size/configuration to be retained.
10.03.03	FSS-8	Carpentry Shop	1	25.3	25.3	Existing room size/configuration to be retained.
10.03.04	FSS-8	Work Room	1	37.4	37.4	Existing room size/configuration to be retained.
SUBTOTAL		FACILITY MAINTENANCE AND OPERATIONS			92.8	
10.04	PROPERTY AND PROGRAM SERVICES				A new service	
10.04.01	OFF-1	Office (PPS Facility Manager)	1	9.3	9.3	PPS facility manager.
10.04.02	WKS-2	Clerical Workstation	1	4.5	4.5	Administrative assistant; adjacent to the facility manager office.
10.04.03	WKS-1	Workstation (Open)	2	4.5	9	Touch-down workstations for PPS staff.
10.04.04	FSS-8	Workshop Area	1	31.5	31.5	Bench work space.
10.04.05	STO-1	Storage Room	1	9.3	9.3	Miscellaneous storage of supplies and equipment.
10.04.06	FSS-6	Trash Holding	1	13.3	13.3	Exterior access required.
10.04.07	FSS-11	Biomedical Waste Holding	1	22.6	22.6	For staging of biomedical waste shipping containers; requires personal protection and equipment (PPE) and eye wash stations and exterior access

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
						door.
10.03.08	STO-1	General Storage	1	28.5	28.5	Existing room size/configuration to be retained.
10.03.09	FSS-10	Medical Gas Storage	1	18.5	18.5	Existing room size/configuration to be retained.
10.03.10	STO-1	Yard Storage	1	19.4	19.4	Existing room size/configuration to be retained.
10.03.11	FSS-6	Trash Holding	1	13.3	13.3	In addition to biomed waste area provided in PPS.
SUBTOTAL		PROPERTY AND PROGRAM SERVICES			179.2	
10.05	FOOD SERVICES					
10.05.01	OFF-1	Office	1	9.3	9.3	NFS Manager - access from outside corridor, views of kitchen work areas.
10.05.02	OFF-1	Office	1	9.3	9.3	General Manager - access from outside corridor, views of kitchen work areas.
10.05.03	WKS-1	NFS Work Station	2	3.7	7.4	Food Service Staff Touch-Down stations contiguous with kitchen work areas.
10.05.04	---	Receiving and Break-down	1	10	10	Adjacent to Delivery Entrance.
10.05.05	---	Frozen Storage	1	24	24	Walk-in Freezer with HD Shelving.
10.05.06	---	Cold Storage	1	21	21	Walk-in Coolers with HD Shelving.
10.05.07	---	Dry Storage	1	22	22	High Density Shelving.
10.05.08	---	Retail Storage	1	16	16	For quick access to items for serverly and vending areas.
10.05.09	---	Kitchen	1	72	72	Includes areas for Cold Prep, Bake/Dessert Prep, Bake/Roast and Cooking Areas.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.05.10	---	Meal Assembly Area	1	24	24	For inpatient meal assembly.
10.05.11	---	Meal Cart Staging	1	8	8	
10.05.12	---	Warewashing	1	70	70	
10.05.13	---	Cart Cleaning	1	5	5	
10.05.14	---	Janitor and Chemical Storage	1	5	5	
10.05.15	---	Servery	1	120	120	Includes tray storage, cashier stations, and self-prep area.
10.05.16	---	Vending Machines	1	5	5	Outside of servery for after-hours access.
10.05.17	---	Dining	1	150	150	Demonstrate ability to seat a minimum 100 persons. Provide appropriate screening around the Cafeteria seating when it abuts corridors or other open public space so that chairs and tables can be contained within the Cafeteria.
SUBTOTAL		FOOD SERVICES			578.0	
10.06 MEDICAL DEVICE REPROCESSING (MDR)						
10.06.01	MDR-1	Decontamination: Soiled Dumbwaiter/Elevator	1	3	3	From Surgical Department - elevator or dumbwaiter as required. Minimum size for new elevator must hold two 610mm x 1525 mm case carts or one person and one 610mm x 1525 mm case cart
10.06.02	MDR-2	Decontamination: Receiving/Case Cart Holding	1	9	9	Nine soiled case carts per day.
10.06.03	MDR-3	Decontamination: Work Area	1	54	54	Includes sinks for gross cleaning and ultrasonic cleaner.
10.06.04	MDR-3	Decontamination: Equipment Processing Area	1	16	16	Includes tables for sorting and loading area for three washer/disinfectors.
10.06.05	MDR-4	Decontamination: Cart Wash Area	1	26	26	
10.06.06	MDR-5	Decontamination: Backup Manual Cart Wash	1	5	5	Backup cart wash.
10.06.07	MDR-6	Decontamination: Chemical Storage	1	9	9	
10.06.08	MDR-16	Decontamination: Personnel Facilities	1	20	20	Male and Female Change Facilities accessed from corridor into Decontamination Area.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.06.09	--	Scope Processing Suite: Scope Assembly/Storage Room	---	---	---	Scope Storage located in Day Procedures.
10.06.10	MDR-7	Scope Processing Suite: Sterile Processing Room	1	20	20	Scope sterilization and probe equipment with pass-through sterile drying cabinet to prep/pack area.
10.06.11	MDR-8	Preparation/Packaging/Sterilization: Work Area	1	80	80	Includes unloading areas for washer/disinfectors, equipment counter/storage space and hi-lo prep/pack workstations.
10.06.12	MDR-9	Preparation/Packaging/Sterilization: Clean Equipment Area	1	27	27	Worksurface counter and undercounter storage area.
10.06.13	MDR-10	Steam Sterilizers	1	32	32	Steam Sterilizers with maintenance access off outside corridor.
10.06.14	MDR-11	Preparation/Packaging/Sterilization: Manual Pass Through	1	3	3	Manual Pass-through back to decontamination side.
10.06.15	MDR-8	Preparation/Packaging/Sterilization: Low Temperature Sterilization Area	1	10	10	Low Temp Sterilisers.
10.06.16	MDR-16	Preparation/Packaging/Sterilization: Personnel Facilities	1	13	13	Male and Female Change Facilities accessed from corridor into clean side.
10.06.17	MDR-12	Sterile Stores: Clean Dumbwaiter/Elevator	1	3	3	Return to Surgical Department - elevator or dumbwaiter as required. Minimum size for new elevator must hold two 610mm x 1525 mm case carts or one person and one 610mm x 1525 mm case cart
10.06.18	MDR-13	Sterile Stores: Case Cart Holding	1	20	20	
10.06.19	MDR-14	Sterile Stores: Sterile Stores	1	132	132	
10.06.20	WKS-1	Tech Workstation	1	3.7	3.7	
10.06.21	OFF-1	Office (Standard)	1	9.3	9.3	Manager/supervisor.
10.06.22	KTC-2	MDR Staff Lounge	1	12	12	
10.06.23	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.
10.06.24	MDR-15	Water Treatment	1	14	14	Accessible from outside cor-

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.06.25	HSK-1	Housekeeping	1	7	7	ridor. Per CSA recommendation.
SUBTOTAL		MEDICAL DEVICE REPROCESSING (MDR)			532.6	
10.07 SUPPORT SERVICES BUILDING						
10.07.01	WKS-2	Facility Entry & Shared Support Services: Workstation	1	4.6	4.6	Reception/Clerical Support.
10.07.02	OFF-1	Facility Entry & Shared Support Services: Office	1	9.3	9.3	Manager Materials Management and Support Services.
10.07.03	WKS-2	Facility Entry & Shared Support Services: Workstation	3	4.6	13.8	Purchasing Officers. Adjacent to the conference/meeting room.
10.07.04	WKS-2	Facility Entry & Shared Support Services: Workstation	1	4.6	4.6	Forms/Contracts Administrator.
10.07.05	WKS-2	Facility Entry & Shared Support Services: Workstation	1	4.6	4.6	Transport Scheduler/Coordinator.
10.07.06	WKS-2	Facility Entry & Shared Support Services: Workstation	2	4.6	9.2	Accounts Payable Clerks .
10.07.07	OEQ-2	Facility Entry & Shared Support Services: Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment and supply storage.
10.07.08	CFR-2	Facility Entry & Shared Support Services: Conference/Meeting Room	1	15	15	Includes a folding partition to allow the room to be subdivided into 2 meeting rooms of 15 NSM each.
10.07.09	WRS-2	Facility Entry & Shared Support Services: Washroom	1	4.6	4.6	Barrier free; for use by visitors/conference room users.
10.07.10	KTC-2	Facility Entry & Shared Support Services: Staff Lounge	1	27.5	27.5	20 people and kitchennette.
10.07.11	HSK-1	Facility Entry & Shared Support Services: Housekeeping Closet / Storage	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.
10.07.12	WRS-2	Facility Entry & Shared Support Services: Washroom	1	4.6	4.6	Universal staff washroom.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.07.13	---	Female Staff Locker Room: Lockers	0	0.9	0	-
10.07.14	---	Female Staff Locker Room: Changing area	0	2.7	0	-
10.07.15	---	Female Staff Locker Room: Hand-washing Sink	0	1.9	0	-
10.07.16	---	Female Staff Locker Room: Toilet Stall	0	1.4	0	-
10.07.17	---	Female Staff Locker Room: Toilet Stall (Special)	0	2.8	0	Wheelchair accessible.
10.07.18	---	Male Staff Locker Room: Lockers	0	0.9	0	-
10.07.19	---	Male Staff Locker Room: Changing area	0	2.7	0	-
10.07.20	---	Male Staff Locker Room: Hand-washing Sink	0	1.9	0	-
10.07.21	---	Male Staff Locker Room: Toilet Stall	0	1.4	0	Substitute one fixture with urinal.
10.07.22	---	Male Staff Locker Room: Toilet Stall (Special)	0	2.8	0	Wheelchair accessible.
10.07.23	OFF-1	Laundry and Linen Service: Office	1	9.3	9.3	Supervisor; Views into laundry area.
10.07.24	---	Laundry and Linen Service: Soiled Holding	1	20	20	Adjacent to loading dock.
10.07.25	---	Laundry and Linen Service: Soiled Linen Sorting	1	30	30	Includes sink and waste disposal for gross cleaning.
10.07.26	---	Laundry and Linen Service: Washers	1	24	24	Includes a 900mm (minimum) service access area to rear of machines, and trench.
10.07.27	---	Laundry and Linen Service: Dryers	1	16	16	Includes a 900mm (minimum) service access area to rear of machines, and trench.
10.07.28	---	Laundry and Linen Service: Folding	1	40	40	Area sized for inclusion of an automated folding machine.
10.07.29	---	Laundry and Linen Service: Sewing and Repair	1	12	12	Area for sewing and repairs.
10.07.30	---	Laundry and Linen Service: Clean Holding	1	20	20	
10.07.31	---	Laundry and Linen Service: Drop-off/Pick-Up	1	12	12	Adjacent to loading dock.

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.07.32	---	Laundry and Linen Service: Cart Cleaning	1	6	6	
10.07.33	---	Laundry and Linen Service: Chemical Storage	1	9.3	9.3	
10.07.34	WKS-2	Materiel Management: Shared Workstations	2	4.6	9.2	Distribution Officers.
10.07.35	WKS-2	Materiel Management: Workstation	1	4.6	4.6	Inventory Control Clerk.
10.07.36	WKS-2	Materiel Management: Workstation	2	4.6	9.2	Stores Keeper.
10.07.37	SSF-4	Materiel Management: Warehouse Storage	1	200	200	Open Area. Rack Shelving (height of 14 feet, or increase area of component to provide equivalent storage volume to height of 14 feet in 150m2).
10.07.38	SSF-5	Materiel Management: Clean & Sterile Supply	1	150	150	
10.07.39	SSF-6	Materiel Management: Staging Area	1	15	15	Adjacent to shipping/receiving docks.
10.07.40	SSF-7	Materiel Management: Trash/Recycling Room	0	15	0	For cardboard baler.
10.07.41	SSF-8	Materiel Management: Workroom	1	15	15	
10.07.42	WKS-1	Materiel Management: Barcode Scanning Station	2	3.7	7.4	
10.07.43	WKS-2	Computer/Information Services: Workstation	5	4.6	23	Technical Analysts; System Integration Technician; Information support worker.
10.07.44	SSF-9	Computer/Information Services: Benchspace	5	4.6	23	
10.07.45	WKS-2	Computer/Information Services: Workstation	1	4.6	4.6	Technical Support Officer.
10.07.46	STO-1	Computer/Information Services: Storage	1	13	13	
10.07.47	OFF-1	Computer/Information Services: Office	1	9.3	9.3	Manager.
10.07.48	WKS-4	Biomedical Engineering: Workstations	4	6.5	26	
10.07.49	SSF-10	Biomedical Engineering: Benchspace	4	6	24	
10.07.50	STO-1	Biomedical Engineering: Storage	1	18.5	18.5	

ROOM ID	ROOM TYPE	ROOM NAME	No. of ROOMS	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA
10.07.51	OFF-1	Biomedical Engineering: Office	1	9.3	9.3	Manager.
10.07.52	OFF-1	Collaborative Services: Office	2	9.3	18.6	
10.07.53	SSF-11	Health Records: Record Storage	--	--	190	For archived files that require long-term storage; Rack Shelving (height of 14 feet, or increase area of component to provide equivalent storage volume to height of 14 feet in 190m ²).
10.07.54	WKS-2	Health Records: Workstation	1	4.6	4.6	
SUBTOTAL		SUPPORT SERVICES BUILDING			1083.7	
TOTAL		Facility Support Spaces			2672.2	

Future Flexibility

As part of program renewal, key facility support services have been identified for potential relocation outside the hospital in a new Support Services Building — including materials management (bulk storage/warehousing), biomedical engineering, and the laundry. If the new Support Services Building could have a physical connection to the hospital, some of the space estimated for supply receiving and staging in the hospital could be reduced or eliminated.



**Government of the Northwest Territories
Stanton Territorial Health Authority**

Stanton Territorial Hospital Project

ATTACHMENT 1 – Room Data Sheets

0.0 Organization and Format of the Room Data Sheets

0.1 Overview

Room data sheets (RDS) are provided for all rooms/areas addressed in the Schedule of Accommodation (Appendix) of the *Functional Program for the Stanton Territorial Hospital Renewal Project — Volume I: Hospital-Based Programs*. The sections of this report align with the organization of spaces in the Schedule of Accommodation as follows:

- **Patient care spaces (generic)**
- **Clinical support spaces (generic)**
- **Administrative support spaces (generic)**
- **Unique service-specific spaces**

A complete listing of the room data sheets (for each section) is provided at the beginning of the section.

The Canadian Standards Association (CSA) issued the Z8000-11 standard for Canadian Health Care Facilities in September 2011 — referred to as Z8000. Functional service requirements specified in Z8000 were considered a significant guide in the establishment of key space requirements, key relationships and dependences, and minimum room sizes in the *Functional Program for the Stanton Territorial Hospital Renewal Project*.

Although the room data sheets provide architectural and engineering guidelines for each programmed room or area, they may need to be adjusted by the design architect during the subsequent Design Development phases.

Z8000 includes specific design and technical requirements for various functional services within a hospital. It is assumed that these must be considered during the design process along with infection prevention and control (Clause 7.5), occupational and health safety (Clause 7.6), safety and security (Clause 7.7), and accessibility (Clause 7.8).

Additional standards that are relevant to the functional program include:

- **Special Requirements for Heating, Ventilation, and Air Conditioning (HVAC) Systems in Health Care Facilities (Z317.2-10, February 2010)**. Ventilation requirements, relative pressurization, and special design criteria are specified in Table 1 (page 47) based on the area classification designated on the Room Data Sheet as per definitions provided in Z317.2-10.
- **Electrical Safety and Essential Electrical Systems in Health Care Facilities (Z32-09, December 2009)**. Quantities of receptacles and data outlets should be distributed patient care rooms as required to support functionality and convenient use of equipment by Facility Users and in accordance with Good Industry Practice and as required by other provisions of the Agreement. These quantities exceed the minimum number of electrical receptacles required for each room/area are specified in Table 6 (Page 33) according to the expected intensity of care designated on the Room Data Sheet (as per the definitions provided in Z32-09).

Quantities of electrical receptacles outside patient care areas will be determined by the design architect and electrical engineering consultant based on the anticipated equipment for each room.



- **Illumination Systems in Health Care Facilities (Z317.5-98 , March 1998).** Minimum general light levels and task light levels of illumination are specified for patient-care and other areas in Table 1 (page 22), minimum illuminating levels for safety in non-patient care areas are specified in Table 2 (page 27), and minimum illuminances on tasks for emergency service is specified in Table 3 (page 27).
- **Technical Design Requirements for Health Care Facilities or “The Blue Book” (Government of Alberta, July 2009).** Sound transmission class (STC) requirements for various room types can be found in Table 5.1, with amendments by the Government of the Northwest Territories Department of Public Works and Services to reflect northern practices.
- **Government of the Northwest Territories – Office Space Standards and Guidelines (Revised – February 2003).** This document outlines sizes for offices, shared workspaces and meeting rooms.

Compliance with applicable building codes, fire regulations, and other relevant standards are the responsibility of the project architects and engineers.

0.2 Glossary of Terms

Specific terms used in this document include the following. An extensive list of definitions and abbreviations can be found in Z8000-11 (page 10).

Net square metres (NSM): The inside wall-to-wall dimensions within a room or area that represents the actual usable space.

Component gross square metres (CGSM): The “footprint” of each department or specific facility component including net areas, internal circulation, partitions, building structure, and small mechanical shafts. CGSM includes all individual net areas required by the departmental functions, circulation space necessary to link together the net spaces, and the area occupied by internal walls. Component gross area is measured to the inside face of exterior walls and to the centre line of partitions adjoining other components or general circulation space. It excludes all engineering spaces and interdepartmental circulation elements such as main corridors, stairways, elevators, and dumbwaiters.

Net to component gross space factor: A factor which, when multiplied by the net area, estimates the component gross square metres (BGSM). The primary purpose of this factor is to assist in the translation of the net space into an estimate of building gross square metres for use in the preparation of block diagrams and schematic drawings. At the same time that the opportunities and functional requirements of the preliminary Block Planning Study were incorporated into a new iteration of the Functional Program, a Technical Status Evaluation of the Hospital examined and presented another set of requirements. These two studies were combined into more detailed Schematic Block Planning to develop options for review by the Project Work Group and Steering Committee. The selected option was advanced into Schematic Design, which led to another iteration of the Functional Program. This document is the final update to the *Functional Program for the Stanton Territorial Hospital Renewal Project*.

0.3 Room/Area Features

Features of each room or area are grouped into the following categories:

- **General**
- **Communications and Security**



- **Mechanical**
- **Electrical**
- **Finishes**

The application of these categories has been prepared in this report to aid in Schematic Planning. The room data sheets should be further developed as more detailed occupancy planning, electrical, mechanical, FF&E, and finish requirements are developed in subsequent stages of design.

General

General features for each room or area are noted as follows:

- **Typical occupancy.** The average number of people occupying the space is indicated with minimum to maximum range where applicable.
- **Occupancy intensity.** This is indicated as:
 - **Routinely occupied**
 - **Occasionally occupied**
 - **Intermittent** (space accessed only as needed)
- **Utilization.** The typical hours per day or week that the space will be occupied are indicated as:
 - **Day shift** (Monday through Friday)
 - **Building hours** (including weekday evening or weekend hours as noted in the operational plan)
 - **24/7** (on-site or on-call staff)
- **Access.** Requirements for access to the specific room/area are noted as:
 - **Standard** (ambulatory access only)
 - **Wheelchair**
 - **Stretcher**
- **Windows:** The placement of exterior windows in the space is noted as:
 - **Required**
 - **Desirable**
 - **Undesirable** (should not be provided)
 - **Unnecessary** (would not hinder use of the space if provided)

Communications and Security

The need for specific communications and security requirements is indicated with a “Yes” or “No” for the following:

- **Telephone**
- **Emergency call**
- **Intercom (two-way between selected areas or building-wide)**
- **Data**
- **Wireless**
- **CCTV (closed circuit television)**
- **Security lock (the need to secure the space is noted)**

Communications and security systems will be considered holistically as the Information Services plan is developed.

Mechanical

Specific mechanical requirements are noted as follows:

- **HVAC Area Classification** (per Z317.2-10) is noted as:
 - **Type I** — a patient care area where the invasiveness of procedures, the level of risk of morbidity and mortality to patients, and the level of risk of adverse outcomes to care providers necessitate more stringent HVAC and environmental requirements.
 - **Type II** — a patient care area or an area that is intended for the provision of services that provide direct support to patient care areas (e.g., lab, central supply).
 - **Type III** — all support spaces not designated as Type I or II.



- **Relative pressurization** is indicated based on Z317.2-10 as follows:
 - **Positive**
 - **Negative**
 - **Equal**
- **Plumbing.** Specific plumbing requirements are noted as:
 - **Plumbing:** The need for hot/cold water is indicated with a “Yes” or “No”
 - **Floor drain** is indicated with a “Yes” or “No”
 - **Specialized plumbing** (if “Yes”, to be described in Special Design Features).
- **Medical gases.** The need for specific medical gases or specialized plumbing is noted as follows:
 - **Oxygen**
 - **Suction**
 - **Medical Air**
 - **Other**

Electrical

Electrical requirements will be determined using CSA Z32-09 Standards in clinical areas, and current general CSA Standards and the National Building Code for other areas. For numbers of receptacles, the applicable standards should be considered in tandem with the equipment requirements of a space, and where necessary additional receptacles over the minimum required by code should be added.

Specific electrical requirements are noted as follows:

- **Electrical intensity of care** for patient care areas (as per Z32-09) is noted as.
 - **Basic care** — a patient care area where body contact between a patient and medical electrical equipment is neither frequent nor usual.
 - **Intermediate care** — a patient care area where body contact between a patient and medical electrical equipment is frequent or normal.
 - **Critical care** — a patient care area where the induction and maintenance of general anesthesia routinely occurs in connection with the examination or treatment of patients, or where cardiac contact between a patient and medical electrical equipment is frequent or normal.
- **Specialized electrical** (if “Yes”, to be described in Special Design Features).

The extent and methods of the provision on telehealth will be developed in Design Development.

Finishes

Recommended floor, wall, and ceiling finishes are noted as follows:

- **Standard**
 - **Impervious** (for use in areas where there is high humidity or where there is a corrosive environment)
 - **Decontaminable** (for use in areas requiring continuous and effective decontamination; cove at floor/wall is typical)
 - **Industrial** (for use in heavy traffic areas such as building support space)

0.4 Furniture, Fixtures and Equipment

This section includes a generic list of typical fixed and mobile equipment and furniture that may be provided within the room or area. In general, the use of mobile workstations and supply carts is preferable to wall-hung cabinetry. Some additional mobile equipment items may be listed in the operational plan with a description of their purpose and location.

Wherever millwork or modular hung casework has been listed, it is listed as a minimum requirement. Millwork and casework shall be designed throughout the spaces as required to support functionality and convenient use of equipment by Facility Users and in accordance with Good Industry Practice



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This FF&E information in this report is intended to aid in Schematic Planning. It is assumed that this preliminary list will be reviewed and refined by the designated equipment and biomedical engineering consultants and incorporated in design development by the design architect.

1.0 Patient Care Spaces (Generic)

Clinical Specification for the Stanton Territorial Hospital Renewal Project

Room Code	Room/Area (Generic Patient Care Spaces)	Page Number
EXT-1	Exam/Treatment Room (General)	1-1
EXT-3	Exam/Treatment Room (Isolation)	1-2
EXT-4	Patient Holding Alcove	1-3
EXT-5	Exam/Treatment/Recovery Cubicle (Semi-Enclosed)	1-4
EXT-6	Exam/Treatment/Recovery Cubicle (Isolation)	1-5
EXT-7	Cardiopulmonary/Ultrasound Testing Room	1-6
EXT-8	Secure Observation Room	1-7
PRC-1	Procedure Room (Standard)	1-8
PRC-2	Procedure Room (Special)	1-9
PRC-3	Surgical Procedure Room (Standard)	1-10
PRC-4	Surgical Operating Room (Hybrid)	1-11
INT-1	Patient Intake Alcove	1-12
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Room Data Sheet

EXT-1

Room Name: **Exam/Treatment Room (Standard)** Typical NSM: **12.0**

Function: Patient examination and non-invasive treatments and procedures. Exam/procedure/treatment room per CSA Z8000. Flexibility in design should allow for physician consults as well.

Adjacency: Grouped with other patient care spaces.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. Point-of-care supply server with charting space to be incorporated into millwork/casework design.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-3 persons	Modular, wall-hung casework	1.2 m
Occupancy Intensity:	Routinely occupied	Linear metres of counter	1.2 m
Utilization:	Day shift	Hand hygiene sink	1
Access:	Wheelchair/stretchers	Computer/charting workstation	1
Windows:	Undesirable	Exam table	1
Communications and Security:		Stool	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Side chair w/arms	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Exam light (portable)	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oto/ophthalmoscope	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Blood pressure monitor	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Supply cart	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Paper towel dispenser (handsfree)	1
Mechanical:		Sharps disposal container	1
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Biomedical waste bin	1
Relative Pressurization:	Equal	Trash bin	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Linen hamper	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Clothing hook	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glove Box	1
Medical Gases:	Oxygen, Med Air, Vac	Privacy curtain	1
Electrical:		Telemedicine cart (optional)	---
Electrical Intensity of Care:	Basic care	Cabinet Procedure	1
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Soap Dispenser	1
Finishes:		Pamphlet Holder	2
Floor:	Impervious/decontaminable	Infusion Pump	1
Walls:	Impervious/decontaminable	View Box	1
Ceiling:	Impervious/decontaminable		

Room Data Sheet

EXT-3

Room Name:	Exam/Treatment Room (Isolation)	Typical NSM:	13.0
Function:	Examination and non-invasive treatments and procedures for patients requiring isolation.		
Adjacency:	Grouped with other patient care spaces; a contiguous prep alcove (2.0 NSM) with a personal protection and equipment (PPE) organizer and hamper for soiled materials is required (see PPE-1 for details).		
Special Design Features:	Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. Point-of-care supply server with charting space to be incorporated into millwork/casework design.		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-3 persons	Modular, wall-hung casework	1.2 m
Occupancy Intensity:	Routinely occupied	Linear metres of counter	1.2 m
Utilization:	Day shift	Hand hygiene sink	1
Access:	Wheelchair/stretcher	Computer/charting workstation	1
Windows:	Undesirable	Exam table	1
Communications and Security:		Stool	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Side chair	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Exam light	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oto/ophthalmoscope	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Blood pressure monitor	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Supply cart	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Paper towel dispenser	1
Mechanical:		Sharps disposal container	1
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Biomedical waste bin	1
Relative Pressurization:	Negative	Trash bin	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Linen hamper	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Clothing hook	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glove Box	1
Medical Gases:	Oxygen, Med Air, Vac	Privacy curtain	1
Electrical:		Telemedicine cart (optional)	---
Electrical Intensity of Care:	Basic care	Cabinet Procedure	1
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Soap Dispenser	1
Finishes:		Pamphlet Holder	2
Floor:	Impervious/decontaminable	Infusion Pump	1
Walls:	Impervious/decontaminable	View Box	1
Ceiling:	Impervious/decontaminable		

Room Data Sheet

EXT-4

Room Name: Patient Holding Alcove **Typical NSM:** 7.5

Function: Primarily used for inpatient holding/staging while on a stretcher or in a wheelchair.

Adjacency: Adjacent to a staff work area and near the destination treatment/procedure room.

Special Design Features: Ceiling-mounted curtain track; bench-height electrical receptacles.

Room Features:	Furniture, Fixtures, and Equipment:				
<p>General:</p> <p>Typical Occupancy: 1-person</p> <p>Occupancy Intensity: Occasionally occupied</p> <p>Utilization: Day shift</p> <p>Access: Wheelchair/stretcher</p> <p>Windows: Undesirable</p> <p>Communications and Security:</p> <p>Telephone: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Emergency Call: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Intercom: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Data: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Wireless: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>CCTV: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Security Lock: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Mechanical:</p> <p>HVAC Area Classification: <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III</p> <p>Relative Pressurization: Equal</p> <p>Plumbing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Specialized Plumbing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Floor Drain: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Medical Gases: None</p> <p>Electrical:</p> <p>Electrical Intensity of Care: Basic care</p> <p>Specialized Electrical: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Finishes:</p> <p>Floor: Impervious/decontaminable</p> <p>Walls: Impervious/decontaminable</p> <p>Ceiling: Impervious/decontaminable</p>	<table border="1"> <thead> <tr> <th style="text-decoration: underline;">Item/Description</th> <th style="text-decoration: underline;">Quantity</th> </tr> </thead> <tbody> <tr> <td>Hand hygiene dispenser (waterless)</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Item/Description	Quantity	Hand hygiene dispenser (waterless)	1
Item/Description	Quantity				
Hand hygiene dispenser (waterless)	1				

Room Data Sheet

EXT-5

Room Name: Exam/Treatment Cubicle (Semi-Enclosed) **Typical NSM:** 9.5

Function: Semi-enclosed patient treatment cubicle with curtain closure; for use in Critical Care for Rapid Assessment.

Adjacency: Grouped with other patient care spaces. Located near Hand Hygiene sink.

Special Design Features: Ceiling-mounted curtain track; bench-height electrical receptacles

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, Med Air, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Stretcher or treatment chair (recliner)	1
Tech Chair	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Clothing hook	1
Privacy curtain	1
Ultrasound	1
Otoscope/ophthalmoscope	1
Fold-down charting	1
Infusion Pump	1
NIBP Monitor	1
Exam Light (Ceiling)	1
Glove Box	1

Room Data Sheet

EXT-6

Room Name: **Exam/Treatment Cubicle (Isolation)** Typical NSM: **14.0**

Function: Enclosed cubicle for stretcher or recliner chair for patients requiring isolation

Adjacency: Grouped with other patient care spaces; a contiguous anteroom (4.5 NSM) with a personal protection and equipment (PPE) organizer and hamper for soiled materials is required (see PPE-1 for details). Located near Hand Hygiene sink.

Special Design Features: Ceiling-mounted curtain track; bench-height electrical receptacles

Room Features:	Furniture, Fixtures, and Equipment:																														
<p>General:</p> <p>Typical Occupancy: 1 person</p> <p>Occupancy Intensity: Routinely occupied</p> <p>Utilization: 24-7</p> <p>Access: Wheelchair/stretcher</p> <p>Windows: Undesirable</p> <p>Communications and Security:</p> <p>Telephone: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Emergency Call: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Intercom: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Data: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Wireless: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>CCTV: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Security Lock: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Mechanical:</p> <p>HVAC Area Classification: <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III</p> <p>Relative Pressurization: Negative</p> <p>Plumbing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Specialized Plumbing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Floor Drain: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Medical Gases: Oxygen, Med Air, Vac</p> <p>Electrical:</p> <p>Electrical Intensity of Care: Intermediate care</p> <p>Specialized Electrical: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Finishes:</p> <p>Floor: Impervious/decontaminable</p> <p>Walls: Impervious/decontaminable</p> <p>Ceiling: Impervious/decontaminable</p>	<table border="1"> <thead> <tr> <th style="text-decoration: underline;">Item/Description</th> <th style="text-decoration: underline;">Quantity</th> </tr> </thead> <tbody> <tr> <td>Modular, wall-hung casework</td> <td>---</td> </tr> <tr> <td>Linear metres of counter</td> <td>1.0 m</td> </tr> <tr> <td>Stretcher or treatment chair (recliner)</td> <td>1</td> </tr> <tr> <td>Tech chair</td> <td>1</td> </tr> <tr> <td>Hand hygiene dispenser (waterless)</td> <td>1</td> </tr> <tr> <td>Paper towel dispenser</td> <td>1</td> </tr> <tr> <td>Sharps disposal container</td> <td>1</td> </tr> <tr> <td>Biomedical waste bin</td> <td>1</td> </tr> <tr> <td>Trash bin</td> <td>1</td> </tr> <tr> <td>Linen hamper</td> <td>1</td> </tr> <tr> <td>Clothing hook</td> <td>1</td> </tr> <tr> <td>Privacy curtain</td> <td>1</td> </tr> <tr> <td>Clock (wall-mounted)</td> <td>1</td> </tr> <tr> <td>Glove Dispenser</td> <td>1</td> </tr> </tbody> </table>	Item/Description	Quantity	Modular, wall-hung casework	---	Linear metres of counter	1.0 m	Stretcher or treatment chair (recliner)	1	Tech chair	1	Hand hygiene dispenser (waterless)	1	Paper towel dispenser	1	Sharps disposal container	1	Biomedical waste bin	1	Trash bin	1	Linen hamper	1	Clothing hook	1	Privacy curtain	1	Clock (wall-mounted)	1	Glove Dispenser	1
Item/Description	Quantity																														
Modular, wall-hung casework	---																														
Linear metres of counter	1.0 m																														
Stretcher or treatment chair (recliner)	1																														
Tech chair	1																														
Hand hygiene dispenser (waterless)	1																														
Paper towel dispenser	1																														
Sharps disposal container	1																														
Biomedical waste bin	1																														
Trash bin	1																														
Linen hamper	1																														
Clothing hook	1																														
Privacy curtain	1																														
Clock (wall-mounted)	1																														
Glove Dispenser	1																														

Room Data Sheet

EXT-7

Room Name: **Exam/Treatment Cardio/Ultrasound Testing** Typical NSM: **12.0&13.0**

Function: Patient examination and non-invasive treatments and procedures. Exam/procedure/treatment room per CSA Z8000.

Adjacency: Grouped with other Diagnostic Services support spaces. Ultrasound rooms will be contiguous with a patient washroom, and located near to Ultrasound Tech touchdown stations. Cardio/Resp testing rooms will be located near to Cardiology and Respiratory touchdown stations and adjacent to equipment room containing mobile testing equipment.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-3 persons	Modular, wall-hung casework	---
Occupancy Intensity:	Routinely occupied	Linear metres of counter	1.0 m
Utilization:	Building Hours	Hand hygiene sink	1
Access:	Wheelchair/stretchers	Computer/charting workstation	1
Windows:	Undesirable	Exam table	1
Communications and Security:		Stool	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Side chair	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Exam light	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Supply cart	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Paper towel dispenser	1
Mechanical:		Sharps disposal container	1
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Biomedical waste bin	1
Relative Pressurization:	Equal	Trash bin	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Linen hamper	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Clothing hook	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ultrasound Unit (mobile)	1
Medical Gases:	None	EKG	1
Electrical:		Privacy curtain	1
Electrical Intensity of Care:	Basic care	Telemedicine cart (optional)	---
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ultrasound	1
Finishes:		Holder (Transducer)	1
Floor:	Impervious/decontaminable	Gel Warmer	1
Walls:	Impervious/decontaminable	Utility Cart	1
Ceiling:	Impervious/decontaminable		

Room Data Sheet

EXT-8

Room Name:	Secure/Observation Room	Typical NSM:	13.0
Function:	Space used for seclusion and isolated secure observation of High Intensity Psychiatric Patients for short durations.		
Adjacency:	Direct visibility and security control from central work station. Contiguous with a secure corridor directly accessible from central work station.		
Special Design Features:	Acoustical privacy from adjacent patient bedrooms and corridor; corridor; must meet Requirements of CSA Z-8000 for mental health/addiction services. Anti-damage and Anti-barricade measures will apply. Furniture, fittings, equipment and finishes will be minimal, and shall be selected to prevent self-harm.		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		<u>Item/Description</u>	<u>Quantity</u>
Typical Occupancy:	1-2 persons	Stainless-steel secure combination WC/lav	1
Occupancy Intensity:	Occasionally Occupied		
Utilization:	24-7		
Access:	Wheelchair/stretchers		
Windows:	Required		
Communications and Security:			
Telephone:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Emergency Call:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Intercom:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Mechanical:			
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III		
Relative Pressurization:	Equal		
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Medical Gases:	None		
Electrical:			
Electrical Intensity of Care:	Intermediate care		
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Finishes:			
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

Room Data Sheet

PRC-1

Room Name: **Procedure Room (Standard)** Typical NSM: **16.5**

Function: Flexible, multi-purpose room for performing minor procedures or treatments that require additional staff or mobile equipment to be moved into the room; per CSA Z8000 (three-sided access).

Adjacency: Grouped with other patient care spaces.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. Surface mounted gantry patient lift is required.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-3 persons	Modular, wall-hung casework	---
Occupancy Intensity:	Occasionally occupied	Linear metres of counter	1.0 m
Utilization:	Day shift	Hand hygiene sink	1
Access:	Wheelchair/stretcher	Computer/charting workstation	1
Windows:	Undesirable	Treatment table	1
Communications and Security:		Stool	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Side chair	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Exam light (portable)	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oto/ophthalmoscope	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Blood pressure monitor	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Supply cart	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Paper tower dispenser	1
Mechanical:		Sharps disposal container	1
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Biomedical waste bin	1
Relative Pressurization:	Positive	Trash bin	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Linen hamper	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Kick Bucket	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Clothing hook	1
Medical Gases:	Oxygen, Med Air, Vac	Glove Box	1
Electrical:		Privacy curtain	1
Electrical Intensity of Care:	Intermediate care	Telemedicine cart (optional)	---
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bariatric Lift	1
Finishes:		Lift	1
Floor:	Impervious/decontaminable	Stand with Tray	1
Walls:	Impervious/decontaminable	Stretcher	1
Ceiling:	Impervious/decontaminable		

Room Data Sheet

PRC-2

Room Name: Procedure Room (Special) **Typical NSM:** 23.0

Function: Flexible, multi-purpose room for performing minor procedures or treatments that require additional staff or mobile equipment to be moved into the room; per CSA Z8000 (four-sided access).

Adjacency: Grouped with other patient care spaces.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. Requires X-Y Gantry patient lifts.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, Med Air, Vac, N2O, Nitrogen, CO2
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene sink	1
Computer/charting workstation	1
Treatment table	1
Stool	1
Side chair	1
Exam light (portable)	1
Oto/ophthalmoscope	1
Blood pressure monitor	1
Supply cart	1
Hand hygiene dispenser (waterless)	1
Paper tower dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Kick Bucket	1
Clothing hook	1
Glove Box	1
Privacy curtain	1
Telemedicine cart (optional)	---
Bariatric Lift	1
Lift	1
Stand with Tray1	1
Stretcher	1

Room Data Sheet

PRC-3

Room Name: Surgical Procedure Room (Standard) **Typical NSM:** 38.0

Function: Multi-purpose room for performing a wide variety of inpatient and outpatient surgical and non-surgical procedures either under local, conscious sedation, regional, or general anesthesia requiring medical and/or nursing support; per CSA Z8000 (four-sided access).

Adjacency: Part of the surgery/special procedure suite.

Special Design Features: Scrub sink adjacent to the procedure room entry with hands-free operation; clearance around the operating table must be a minimum of 1200 mm (also see CSA Z8000 Section 9.5.4 Item 21); ventilation (air changes and air flow) must meet OR standards.

Room Features:	
General:	
Typical Occupancy:	4-5 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, Med Air, Vac, N2O, Nitrogen, CO2
Electrical:	
Electrical Intensity of Care:	Critical care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Anesthesia gas column	1
Surgical lighting	2
Service column	1
Monitors	4
Mayo stand	1
Scrub sink (outside procedure room)	2
PACS system	1
Surgical table	1
Supply storage (stainless steel)	tbd
Anesthesia cart and machine	1
Anesthesia stool	1
Miscellaneous tables/carts	tbd
Case cart	1-3
Suture cart	1
Linen hamper	1
Kick bucket	1
Basin stand (single and double)	1-3
Waste receptacle	1
Blood warmer	1
Blanket warmer	1
Patient warmer	1
IV stand	2
Computer workstation	1
Surgeon stool	2
Task chair	2
Video camera (optional)	---
Diagnostic equipment (mobile)	tbd
Patient Transfer Board	1
Boom (patient transfer)	1
Boom (surgical)	1

Room Data Sheet

PRC-4

Room Name:	Surgical Operating Room (Hybrid)	Typical NSM:	70.0
Function:	Specialty surgical procedure/imaging room to conduct a wide variety of inpatient and outpatient surgical and imaging procedures either under local, conscious sedation, regional, or general anesthesia requiring medical and/or nursing support (per CSA Z8000 section 9.5 Item 3).		
Adjacency:	Part of the surgery/special procedure suite; contiguous with control room (14.0 NSM) and computer room (10.0 NSM).		
Special Design Features:	Scrub sink adjacent to the procedure room entry with hands-free operation; clearance around the operating table must be a minimum of 1200 mm and patient access door opening a minimum of 1800 mm wide (see CSA Z8000 Section 9.5.4 Item 3).		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	4-5 persons	Anesthesia gas column	1
Occupancy Intensity:	Occasionally occupied	Surgical lighting	2
Utilization:	Day shift	Service column	1
Access:	Stretcher	Monitors	4
Windows:	Undesirable	Mayo stand	1
Communications and Security:		Scrub sink (outside procedure room)	2
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PACS system	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Surgical table	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Supply storage (stainless steel)	Tbd
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anesthesia cart and machine	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anesthesia stool	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Miscellaneous tables/carts	Tbd
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Case cart	1-3
Mechanical:		Suture cart	1
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Linen hamper	1
Relative Pressurization:	Positive	Kick bucket	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Basin stand (single and double)	1-3
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste receptacle	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Blood warmer	1
Medical Gases:	Oxygen, Med Air, Vac, N2O, Nitrogen, CO2	Blanket warmer	1
Electrical:		Patient warmer	1
Electrical Intensity of Care:	Critical care	IV stand	2
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Computer workstation	1
Finishes:		Surgeon stool	2
Floor:	Impervious/decontaminable	Task chair	2
Walls:	Impervious/decontaminable	Video camera (optional)	---
Ceiling:	Impervious/decontaminable	Diagnostic equipment (fixed)	tbd
		Diagnostic equipment (mobile)	tbd
		Patient Transfer Board	1
		Boom (patient transfer)	1
		Boom (surgical)	1

Room Data Sheet

INT-1

Room Name:	Patient Intake Alcove	Typical NSM:	5.6
Function:	An initial assessment area for most patients before they are directed to an exam/treatment room; activities may include height/weight measurement, taking vital signs, interviewing, injections, and phlebotomy.		
Adjacency:	Grouped with other patient care spaces with convenient access from the patient intake/waiting area.		
Special Design Features:	Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles; equipped with hand hygiene sink.		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-3 persons	Modular, wall-hung casework (optional)	---
Occupancy Intensity:	Routinely occupied	Linear metres of counter	1.0 m
Utilization:	Day shift	Hand hygiene sink	1
Access:	Wheelchair	Computer/charting workstation	1
Windows:	Undesirable	Stool	1
Communications and Security:		Task chair	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Metal cart	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Vital signs monitor (electronic)	1
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer (electronic)	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Scale (adult)	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Scale (infant)	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Paper tower dispenser	1
Mechanical:		Sharps disposal container	1
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Biomedical waste bin	1
Relative Pressurization:	Equal	Trash bin	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Clothing hook	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glove Box	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Medical Gases:	None		
Electrical:			
Electrical Intensity of Care:	Basic care		
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Finishes:			
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

Room Data Sheet

BDR-1

Room Name:	Standard Patient Bedroom (One-Bed)	Typical NSM:	27.0
Function:	Single-bed patient accommodation; space is inclusive of entry vestibule (5.0 NSM), supply alcove (1.4 NSM), and contiguous patient washroom with roll-in shower (5.6 NSM); see WRB-1 for patient washroom/shower details.		
Adjacency:	Grouped with other patient bedrooms.		
Special Design Features:	Acoustical privacy from adjacent patient bedrooms and corridor; bench-height electrical receptacles. Point-of-care supply server with charting space to be incorporated into millwork/casework design. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures required.		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	1-2 persons	Patient bed (height-adjustable)	1
Occupancy Intensity:	Routinely occupied	Hand hygiene sink (wall-hung)	1
Utilization:	24-7	Patient lift	1
Access:	Wheelchair/stretchers	Flowmeter (Oxygen)	1
Windows:	Required	Flowmeter (Air)	1
Communications and Security:		NIBP Monitor	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Suction	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Digital display monitor (wall-mounted)	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Headwall (w/ mounting rail)	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Privacy curtain track (ceiling-mounted)	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oto/ophthalmoscope	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Blood pressure monitor	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Shelf (for display of patient items)	1
Mechanical:		Hand hygiene dispenser (waterless)	1
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Paper tower dispenser	1
Relative Pressurization:	Equal	Sharps disposal container	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Biomedical waste bin	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Trash bin	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Linen hamper	1
Medical Gases:	Oxygen, Med Air, Vac	Supply Cart	1
Electrical:		Clothing hook	1
Electrical Intensity of Care:	Intermediate care	Clock (wall-mounted)	1
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Patient Chair (high back)	1
Finishes:		Side chair (with arms)	1
Floor:	Impervious/decontaminable	Clothing wardrobe (millwork)	1
Walls:	Impervious/decontaminable	Table (over-bed)	1
Ceiling:	Impervious/decontaminable	Table (bedside)	1
		Lift	1

Room Data Sheet

BDR-2

Room Name:	Airborne Isolation Room (AIR) Patient Bedroom	Typical NSM:	38.6
Function:	Single-bed patient accommodation; space is inclusive of anteroom (7.5 NSM), family zone (3,0 NSM), staff zone (3,0 NSM), supply alcove (1.4 NSM), and contiguous patient washroom with roll-in shower (7.5 NSM); see WRB-1 for patient washroom/shower details.		
Adjacency:	Entry to this bedroom via an anteroom should be provided with clean air flowing from the corridor through the anteroom past the patient and then exhausted via a HEPA filter (negative pressure); grouped with other isolation patient bedrooms.		
Special Design Features:	Acoustical privacy from adjacent patient bedrooms and corridor; bench-height electrical receptacles. Point-of-care supply server with charting space to be incorporated into millwork/casework design. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures required.		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	1-2 persons	Patient bed (height-adjustable)	1
Occupancy Intensity:	Routinely occupied	Hand hygiene sink (wall-hung)	1
Utilization:	24-7	Patient lift	1
Access:	Wheelchair/stretchers	Flowmeter (Oxygen)	1
Windows:	Required	Flowmeter (Air)	1
Communications and Security:		NIBP Monitor	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Suction	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Digital display monitor (wall-mounted)	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Headwall (w/ mounting rail)	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Privacy curtain track (ceiling-mounted)	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oto/ophthalmoscope	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Blood pressure monitor	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Shelf (for display of patient items)	1
Mechanical:		Hand hygiene dispenser (waterless)	1
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Paper tower dispenser	1
Relative Pressurization:	Negative	Sharps disposal container	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Biomedical waste bin	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Trash bin	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Linen hamper	1
Medical Gases:	Oxygen, Med Air, Vac	Supply cart	1
Electrical:		PPE cart	1
Electrical Intensity of Care:	Intermediate care	Clothing hook	1
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Clock (wall-mounted)	1
Finishes:		Patient Chair (high back)	1
Floor:	Impervious/decontaminable	Side chair (with arms)	1
Walls:	Impervious/decontaminable	Clothing wardrobe (millwork)	1
Ceiling:	Impervious/decontaminable	Table (over-bed)	1
		Table (bedside)	1
		Lift	1

Room Data Sheet

BDR-3

Room Name:	Bariatric Patient Bedroom (One-Bed)	Typical NSM:	38.1
Function:	Single-bed patient accommodation; space is inclusive of entry vestibule (7.0 NSM), family zone (3,0 NSM), staff zone (3,0 NSM), supply alcove (1.4 NSM), and contiguous patient washroom with roll-in shower (7.5 NSM); see WRB-1 for patient washroom/shower details as well as CSA Z8000 Clause 7.8.8.		
Adjacency:	Grouped with other patient bedrooms.		
Special Design Features:	Acoustical privacy from adjacent patient bedrooms and corridor; bench-height electrical receptacles; patient lift should be provided (ceiling-mounted gantry patient lift and track system); minimum door width of 1500 mm (bedroom entry and washroom/shower). Point-of-care supply server with charting space to be incorporated into millwork/casework design. Surface mounted gantry patient lift is required.		

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, Med Air, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Patient bed (height-adjustable, bariatric)	1
Hand hygiene sink (reinforced)	1
Patient lift	1
Flowmeter (Oxygen)	1
Flowmeter (Air)	1
NIBP Monitor	1
Suction	1
Digital display monitor (wall-mounted)	1
Headwall	1
Privacy curtain track (ceiling-mounted)	1
Oto/ophthalmoscope	1
Blood pressure monitor	1
Shelf (for display of patient items)	1
Hand hygiene dispenser (waterless)	1
Paper tower dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Supply Cart	1
Clothing hook	1
Clock (wall-mounted)	1
Lounge chair (bariatric recliner)	1
Side chair/bench (bariatric)	1
Clothing wardrobe (millwork)	1
Table (over-bed)	1
Table (bedside)	1

Room Data Sheet

BDR-4

Room Name: **Standard Inpatient Rehab room** Typical NSM: **38.1**

Function: Rehabilitation services will be provided in this room for generic inpatient units. The room shall have barrier-free access. There shall be adequate space for equipment and storage

Adjacency: Grouped with other patient bedrooms. In proximity of ADL storage and staff work area

Special Design Features: Acoustical privacy from adjacent patient bedrooms and corridor; patient lift should be provided above assessment tables; minimum door width of 1500 mm (entry and washroom/shower). All selections shall be consistent with the accessibility needs of patients, staff, and visitors. Surface mounted gantry patient lift is required.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	1-2 persons	Hand hygiene sink (reinforced wall-hung)	1
Occupancy Intensity:	Routinely occupied	Assessment table	1
Utilization:	24-7	Digital display monitor (wall-mounted)	1
Access:	Wheelchair/stretchers	Headwall	1
Windows:	Desirable	Privacy curtain track (ceiling-mounted)	1
Communications and Security:		Blood pressure monitor	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Paper towel dispenser	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sharps disposal container	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Biomedical waste bin	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Trash bin	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Linen hamper	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Supply Cart	1
Mechanical:		Clothing hook	1
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Clock (wall-mounted)	1
Relative Pressurization:	Equal	Overhead Rehab Grid	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Plinth	1
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Parallel bars	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Stair	1
Medical Gases:	None	Gym mat	1
Electrical:		Treadmill	1
Electrical Intensity of Care:	Intermediate care	Stationary bicycle	1
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wall pulleys	1
Finishes:		Wall ladder	1
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

Room Data Sheet

BDR-5

Room Name: **Mental Health Patient Bedroom** Typical NSM: **20.6**

Function: Single-bed patient accommodation; space is inclusive of entry vestibule (4.0 NSM), and contiguous patient washroom with roll-in shower (5.6 NSM); see WRB-1 for patient washroom/shower details.

Adjacency: Grouped with other mental health patient bedrooms, with good line-of-sight from central work station.

Special Design Features: Acoustical privacy from adjacent patient bedrooms and corridor; must meet Requirements of CSA Z-8000 (see clauses 8.4.3.2 and 8.4.2.3) for mental health/addiction services. Anti-damage and Anti-barricade measures will apply. All furniture, fittings, equipment and finishes shall be selected to prevent self-harm.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	1-2 persons	Patient bed (height-adjustable)	1
Occupancy Intensity:	Routinely occupied	Hand hygiene station (waterless)	1
Utilization:	24-7	Table (over-bed)	1
Access:	Wheelchair/stretchers	Table (bedside)	1
Windows:	Required	Lounge chair (recliner or fold-out bed)	1
Communications and Security:		Side chair	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Desk	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Digital display monitor (wall-mounted)	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Headwall	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Shelf (for display of patient items)	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Paper tower dispenser	1
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Trash bin	1
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Mechanical:			
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III		
Relative Pressurization:	Equal		
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Medical Gases:	None		
Electrical:			
Electrical Intensity of Care:	Intermediate care		
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Finishes:			
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

Room Data Sheet

WRB-1

Room Name:	Patient Washroom/Shower	Typical NSM:	5.6
Function:	Patient washroom with roll-in shower contiguous with a patient bedroom; also used as a stand-alone room to be shared in a patient care area. Bariatric plumbing fixtures required to support BDR-3		
Adjacency:	Contiguous with patient bedroom or to support a patient care area.		
Special Design Features:	Non-slip flooring. To support BDR-3: bariatric sink (wall-hung/reinforced), bariatric toilet, and door width of 1500 mm required for bariatric washroom/shower. Patient Lift system to extend into Patient Washroom.		

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	1 person	Hygiene sink (wall-hung)	1
Occupancy Intensity:	Intermittent	Toilet	1
Utilization:	24-7	Shower (hand-held)	1
Access:	Wheelchair	Grab bar (wall-mounted)	2
Windows:	Undesirable	Mirror	1
Communications and Security:		Waste bin	1
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Clothing hook	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Commode/shower chair	1
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Shower curtain (optional)	1
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Paper Towel Dispenser	1
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Toiler Tissue Dispenser	1
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Soap Dispenser	1
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Mechanical:			
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III		
Relative Pressurization:	Negative		
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Medical Gases:	None		
Electrical:			
Electrical Intensity of Care:	n/a		
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Finishes:			
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

Room Data Sheet

WRB-2

Room Name: Patient Washroom/Tub **Typical NSM:** 16.0

Function: Patient washroom/bathing room with tub to support a patient care area.

Adjacency: Grouped with other patient care spaces.

Special Design Features: Non-slip flooring; assumes specialty tub (e.g., side-door entry); note that the room size of 16.0 NSM is per CSA Z8000. Surface mounted gantry patient lift is required.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Hygiene sink (wall-hung)	1
Toilet	1
Tub (specialty; side-door entry)	1
Grab bar (wall-mounted)	1
Mirror	1
Waste bin	1
Clothing hook	1
Paper Towel Dispenser	1
Toilet Tissue Dispenser	1
Soap Dispenser	1
Patient lift	1

Room Data Sheet

TPY-1

Room Name: **Group Therapy Room** **Typical NSM:** **16.0**

Function: Used for group therapy and consultation by providers and therapists. Includes Kitchenette as part of room (4.6 NSM)

Adjacency: Grouped with other patient care spaces. Two exits required. Adjacent to Psychiatrist Office, with one-way viewing glass.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. All glazing to be secure.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-10 persons	Built-in locked cupboards	5.0 m
Occupancy Intensity:	Routinely occupied	Linear metres of counter	5.0 m
Utilization:	24-7	Hand hygiene sink	1
Access:	Wheelchair	Utility Sink	1
Windows:	Undesirable	Computer/charting station	1
Communications and Security:		Desk	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Desk chair	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stackable chairs	10
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bench (bariatric)	1
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste basket	1
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Paper towel dispenser	1
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Digital monitor (wall hung)	1
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Magnetic whiteboard	1
Mechanical:		Stove and Range (wired with safety control)	1
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Refrigerator (with lock)	1
Relative Pressurization:	Equal	Microwave	1
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Coffee maker	1
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ice machine	1
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glove dispenser	1
Medical Gases:	None	Clock	1
Electrical:		Hand hygiene dispenser (waterless)	1
Electrical Intensity of Care:	Basic care	One-way observation window	
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Finishes:			
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

Room Data Sheet

TPY-1

Room Name: Individual Therapy/Consult Room Room **Typical NSM:** 11.0

Function: Used for individual therapy and small group consultation by providers and therapists.

Adjacency: Grouped with other patient care spaces. Two exits required.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. All glazing to be secure.

Room Features:		Furniture, Fixtures, and Equipment:	
General:		Item/Description	Quantity
Typical Occupancy:	2-3 persons	Computer/charting station	1
Occupancy Intensity:	Routinely occupied	Desk	1
Utilization:	24-7	Desk chair	1
Access:	Wheelchair	Stackable chairs	10
Windows:	Undesirable	Bench (bariatric)	1
Communications and Security:		Waste basket	1
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Paper towel dispenser	1
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Magnetic whiteboard	1
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Mechanical:			
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III		
Relative Pressurization:	Equal		
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Medical Gases:	None		
Electrical:			
Electrical Intensity of Care:	Basic care	Clock	1
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Hand hygiene dispenser (waterless)	1
Finishes:		One-way observation window	
Floor:	Impervious/decontaminable		
Walls:	Impervious/decontaminable		
Ceiling:	Impervious/decontaminable		

2.0 Clinical Support Spaces (Generic)

Clinical Specification for the Stanton Territorial Hospital Renewal Project

Room Code	Room/Area (Generic Clinical Support Spaces)	Page Number
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KTC-2	Staff Room	2-15
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PNT-1	Pneumatic Tube	2-20
MTP-1	Multipurpose Room	2-21

Room Data Sheet

WTA-1

Room Name: **Waiting Area** Typical NSM per Seat: **1.5**

Function: Waiting area for patients and visitors with lounge-type seating (1.5 NSM/seat) and special seating for bariatric patients or wheelchair-bound patients (2.0 NSM/seat); digital display monitor to be viewed from as many seats as possible.

Adjacency: Immediately accessible from appropriate check-in/reception station.

Special Design Features: Space for wheelchairs required.

Room Features:	
General:	
Typical Occupancy:	Defined by Functional Program
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Lounge-type chair	Varies
Side table (one per six chairs)	varies
Bariatric Seat	1
Digital display monitor (wall-mounted)	1
Waste bin	1
Television	1
Drinking fountain (optional)	1
Hand hygiene dispenser (waterless)	1
Check-in Kiosk	2
Queing System	1
Sofa Chair (in central waiting areas)	varies

Room Data Sheet

WTA-2

Room Name: **Child Play Alcove** **Typical NSM:** **5.0**

Function: Small alcove with child's table and chairs, books, and small toys for quiet play.

Adjacency: Contiguous with the general waiting area.

Special Design Features: Tamperproof electrical outlets required

Room Features:	
General:	
Typical Occupancy:	2-4 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Table (child-size)	1
Chair (child-size)	3
Books and small toys	tbd
Toy bin	1
Book rack	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

WRS-2

Room Name: Washroom (Wheelchair) **Typical NSM:** 4.6

Function: Wheelchair accessible washroom with hand hygiene sink and toilet.

Adjacency: Easily accessible from patient care spaces or staff work areas.

Special Design Features: Washrooms dedicated for staff use do not need to be equipped with emergency call or a baby changing table.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Hygiene sink (wall-hung)	1
Toilet	1
Grab bar (wall-mounted)	2
Mirror (tilt-mount)	1
Waste bin	1
Baby changing table (fold-down)	1
Clothing hook	1
Paper Towel dispenser	1
Toilet Tissue dispenser	1
Soap dispenser	1

Room Data Sheet

WRS-3

Room Name: **Washroom (Bariatric)** Typical NSM: 5.6

Function: Bariatric and/or wheelchair accessible washroom with hand hygiene sink and toilet.

Adjacency: Easily accessible from patient care spaces or staff work areas; generally one bariatric washroom should be provided on each floor with convenient access from a public area.

Special Design Features:

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Hygiene sink (wall-hung; secured)	1
Toilet (bariatric)	1
	1
Grab bar (wall-mounted)	2
Mirror	1
Waste bin	1
Clothing hook	1
Paper Towel Dispenser	1
Toilet Tissue dispenser	1
Soap dispenser	1

Room Data Sheet

WRS-4

Room Name: **Washroom (Public Male/Female)** Typical NSM: 14.6

Function: Public Washroom with multiple fixtures specific to gender..

Adjacency: Easily accessible from public congregation areas (dining and waiting).

Special Design Features: Visibility into washroom area should be screened.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Hygiene sink (minimum count)	2
Toilet – Barrier Free (minimum)	1
Toilets and Urinals (determined by WC count)	varies
Grab bar (wall-mounted)	2
Mirror	1
Waste bin	1
Clothing hook	1
Paper Towel Dispenser	1
Toilet Tissue dispenser	1
Soap dispenser	1

Room Data Sheet

HHS-1

Room Name: **Hand Hygiene Sink** Typical NSM: 1.0

Function: Handwashing.

Adjacency: Immediately accessible from patient care areas.

Special Design Features: See CSA Z-8000-11 Table 11.1 Requirements.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Hand hygiene sink (wall-hung)	1
Soap and lotion dispensers (wall-mounted)	1
Paper towel dispenser	1

Room Data Sheet

PPE-1

Room Name: Personal Protection and Equipment (PPE) Alcove **Typical NSM:** 2.0

Function: Gowning and handwashing for entering/exiting an isolation room.

Adjacency: Contiguous with entrance to isolation room.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
PPE organizer (wall-mounted)	1
Hamper (soiled materials)	1
Hand hygiene sink (wall-mounted)	1
Hand hygiene dispenser (waterless)	1
Paper Towel Dispenser	1
Soap and lotion dispensers (wall-mounted)	1

Room Data Sheet

CLU-1

Room Name: Clean Utility Room **Typical NSM:** 11.0

Function: Storage and handling of clean and sterile supplies and instruments.

Adjacency: Convenient access from all patient treatment areas.

Special Design Features: Bench-height electric receptacles. Hand hygiene sink to be located near clean utility room but not within. See CSA Z-8000.11 Table 11.1-9

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Utility sink	1
Hand hygiene dispenser (waterless)	1
Metal supply cart	varies
Waste bin	1
Paper towel dispenser	1

Room Data Sheet

SLU-1

Room Name: Soiled Utility Room **Typical NSM:** 12.0

Function: Temporary storage of supplies, instruments, and soiled equipment to be removed for cleaning, reprocessing, or disposal.

Adjacency: Convenient access from all patient treatment areas without travel through patient waiting or public areas.

Special Design Features: Bench-height electric receptacles; for inpatient units, the utility sink should have a bedpan disposal unit. See CSA Z-8000.11 Table 11.1-9

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Utility sink	1
Hand hygiene sink (wall-hung)	1
Supply Cart	1
Soiled linen hamper	1
Recycling bin	1
Biomedical waste bin	1
Trash bin (large)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Glove Dispenser	

Room Data Sheet

MED-1

Room Name: **Medication Room (Standard)** Typical NSM: **12.0**

Function: Storage and preparation of patient medications, including an automatic dispensing machine (Pyxis). Pyxis Machine configuration varies by unit.

Adjacency: Convenient access from all patient treatment areas.

Special Design Features: Bench-height electric receptacles; requires emergency power

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	2.0 m
Linear metres of counter	2.0 m
Utility sink	1
Hand hygiene dispenser (waterless)	1
Automatic dispensing machine (Pyxis)	1
- Main (Pyxis)	1
Refrigerator (undercounter)	1
Securable narcotics cabinet	1
Waste bin	1
Medicine Cart	1
Hand hygiene sink (wall-hung)	1
Sharps disposal container	1
Paper towel dispenser	1

Room Data Sheet

HSK-1

Room Name: Housekeeping Closet **Typical NSM:** 7.0

Function: Storage of a housekeeping cart and supplies and space for mop cleaning.

Adjacency: Convenient access from all patient treatment areas.

Special Design Features: Floor-level utility sink for mop cleaning. Requires receptacle for recharging of floor scrubbers

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung metal shelving	1
Paper towel dispenser	1
Utility sink (floor-level)	1
Hand hygiene dispenser (waterless)	1
Housekeeping cart	1
Vacuum cleaner	1
Floor scrubber	1
Trash bin	1
Recycling bin	1
Biomedical waste bin	1
Mop Holder	1

Room Data Sheet

KTC-1

Room Name: Nourishment or Kitchenette Alcove **Typical NSM:** 4.0

Function: Storage and reheating of food and beverage preparation.

Adjacency: Convenient access from staff workstations.

Special Design Features: Instant hot water dispenser; bench-mounted electrical receptacles. Some areas may need securable millwork. Psychiatric ICU will require that whole alcove can be secured.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	2.0 m
Linear metres of counter	2.0 m
Utility sink	1
Instant hot water dispenser	1
Refrigerator (undercounter)	1
Microwave	1
Coffee maker	1
Waste bin	1
Recycling bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Ice machine	1
Securable Millwork	varies

Room Data Sheet

KTC-2

Room Name: Staff Room **Typical NSM:** varies

Function: To be used by staff for the storage and reheating of food and beverage preparation so they do not need to leave their unit/department during breaks.

Adjacency: Convenient access from staff work areas. Must be within 6m of Hand Hygiene Sink

Special Design Features: Instant hot water dispenser; bench-mounted electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	2.0 m
Linear metres of counter	2.0 m
Instant hot water dispenser	1
Hand hygiene dispenser (waterless)	1
Refrigerator	1
Microwave	1
Coffee Maker	1
Toaster	1
Waste bin	1
Recycling bin	1
Paper towel dispenser	1
Table	1
Chairs	tbd

Room Data Sheet

LKR-1

Room Name: **Staff Lockers (Alcove)** **Typical NSM:** **5.6**

Function: Minimum for 20 stacked, full-width purse/tote bag lockers for staff without dedicated workstations; add 0.40 per additional locker (increments of two).

Adjacency: Convenient access from staff room and other staff work areas. Can be contiguous with KTC-2 Staff Room.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	2 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Stacked, purse-lockers	20+
Privacy Curtain	2
Curtain Rail	2

Room Name: Mobile Equipment Alcove

Typical NSM: 2.5

Function: Temporary holding/staging of wheelchairs, stretchers, carts, and other mobile equipment.

Adjacency: Immediately accessible from patient care areas.

Special Design

Features:

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair/stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
NIBP Monitor	1
Infusion Pump	1
Emergency Stretcher	1
Patient Transfer Board	1
Mobile Patient Lift (sling)	1
ECG Monitor	1

Room Name: Mobile Equipment Alcove (Special)

Typical NSM: 2.0-

Function: Temporary holding/staging of wheelchairs, stretchers, carts, and other mobile equipment with electrical support.

Adjacency: Immediately accessible from patient care areas.

Special Design Features: Bench-height electrical receptacles. Power and data required for portable biomedical equipment, including IV pumps.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
NIBP Monitor	1
Infusion Pump	1
Emergency Stretcher	1
Patient Transfer Board	1
Mobile Patient Lift (sling)	1
ECG Monitor	1
Anesthesia Machine (spare located within in Surgery Suite)	---

Room Data Sheet

STO-1

Room Name: **Equipment Storage Room** Typical NSM: **6.0**

Function: Specific requirements of each unit to be determined with User Groups.

Adjacency: Storage of contiguous with Multipurpose/Conference

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Wheelchair/Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	3.0 m
Linear metres of counter	3.0 m

Room Data Sheet

STO-2

Room Name: Medical Equipment Storage Room **Typical NSM:** 12.0

Function: Storage of mobile equipment. Specific requirements of each unit to be determined with User Groups.

Adjacency: Convenient access from all patient treatment areas.

Special Design Features: Bench-height electrical receptacles. Power and data required for portable biomedical equipment, including IV pumps. See CSA Z-8000.11 Table 11.1-9

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Wheelchair/Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Utility Cart	1
Hand hygiene dispenser (waterless)	1
Audio/Visual Cart	1
Linen Hamper	1
Hydrocollator	1
Lamp (Table/Floor)	2
Spare patient room furniture (on Inpatient Units)	varies

Room Data Sheet

PNT-1

Room Name: **Pneumatic tube** Typical NSM: **2.0**

Function: Carrier system to transport various samples, supplies and medication between departments

Adjacency: Supervised from within, and immediately accessible from staff work areas.

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	N/A
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Pneumatic tube station	1

Room Data Sheet

MTP-1

Room Name: Multipurpose Room **Typical NSM:** varies

Function: For patient/family activities; also used for telehealth. Includes ADL kitchen on Surgical Inpatient Unit.

Adjacency: Convenient access and good visibility from staff work area or other staff locations. Natural light and view to the outdoors shall be provided. Adequate storage space shall be provided for activity equipment and supplies

Special Design Features: Two exits and an observation window are required on Psychiatric ICU. Area assigned to STO-1 for equipment storage should be considered as built-in storage units within this room during design development. Access to natural light required.

Room Features:	
General:	
Typical Occupancy:	8-10 persons
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	6.0 m
Linear metres of counter	6.0 m
Built-in Millwork Storage	10.0m
Utility sink	1
Hand hygiene dispenser (waterless)	1
Digital display monitor (wall-mounted)	1
Waste bin	1
Recycling bin	1
Paper towel dispenser	1
Telehealth/audio-visual equipment	1
Instant hot water dispenser	1
Ice machine	1
Refrigerator	1
Microwave	1
Coffee maker	1
Stove	1
Table (for dining Psych ICU)	1
Chairs (stacking)	8
Sofa (2 seat)	1
Chair (loungue)	2

3.0 Administrative Support Spaces (Generic)

Clinical Specification for the Stanton Territorial Hospital Renewal Project

Room Code	Room/Area (Generic Administrative Support Spaces)	Page Number
OFF-1	Office (Standard)	3-1
OFF-2	Office (Director)	3-2
OFF-3	Office (Executive)	3-3
OFF-4	Office (Shared)	3-4
OFF-5	Office (Collaborative)	3-5
WKS-1	Workstation (Open)	3-6
WKS-2	Workstation (Semi-Enclosed)	3-7
WKS-3	Workstation (Physician Dictation)	3-8
WKS-4	Cubicle (Open)	3-9
WKS-5	Office/Cubicle	3-10
WKS-6	Charting Alcove	3-11
OEQ-1	Office Equipment Alcove (Small)	3-12
OEQ-2	Office Equipment Alcove (Large)	3-13
CFR-1	Conference Room (Small)	3-14
CFR-2	Conference Room (Large)	3-15

Room Data Sheet

OFF-1

Room Name: **Office (Standard)** Typical NSM: **9.3**

Function: Standard office for managers/specialists primarily; GNWT standard (Type C).

Adjacency: Grouped with other administrative offices and workstations.

Special Design Features: Each workstation to have separate data drops.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Filing Cabinet	1
Modular workstation	1
Desk chair	1
Waste basket	1
Side chair	2
Side Table	1
Computer Station	1
Monitor	1
Task Light	1

Room Data Sheet

OFF-2

Room Name: **Office (Director)** Typical NSM: **13.9**

Function: Office for a director with meeting space; GNWT standard (Type B).

Adjacency: Grouped with other administrative offices and workstations.

Special Design Features: Each workstation to have separate data drops.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular workstation	1
Desk chair	1
Side chair	3
Side table (0.75 m diameter)	1
Waste basket	1
Bookshelf	1
Filing Cabinet	1
Computer/Docking Station	1
Monitor	1
Task Light	1

Room Data Sheet

OFF-3

Room Name: Office (Executive) **Typical NSM:** 22.5

Function: Office for an executive with meeting space; GNWT standard (Type A).

Adjacency: Grouped with other administrative offices and workstations.

Special Design Features: Each workstation to have separate data drops.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular workstation	1
Desk chair	1
Side chair	3
Side table (1.0 m diameter)	1
Waste basket	1
Bookshelf	1
Side chair	4
Filing Cabinet	1
Computer/Docking Station	1
Monitor	1
Task Light	1

Room Data Sheet

OFF-4

Room Name: Office (Shared) **Typical NSM:** 9.3

Function: Shared office with two workstations; for administrative functions primarily.

Adjacency: Grouped with other administrative offices and workstations.

Special Design Features: Each workstation to have separate data drops. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Desk chair	2
Modular Workstation	2
Waste basket	2
Computer/Docking Station	2
Monitor	2
Task Light	1

Room Data Sheet

OFF-5

Room Name: **Office (Collaborative)** Typical NSM: **7.5**

Function: Private office/cubicle space module for Nurse Practitioners and Physicians in clinic. To provide similar amenities as OFF-1, but in a collaborative open-office setting, for those also spending high volume of time in exam/consult spaces.

Adjacency: Grouped with other offices and workstations.

Special Design Features: Functions such as filing or side table could be replaced with innovative system furniture solutions, e.g. benches, breakout space. Each workstation to have separate data drops. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Filing Cabinet	1
Modular workstation	1
Desk chair	1
Waste basket	1
Side chair	2
Side Table	1
Computer/Docking Station	1
Monitor	1
Task Light	1

Room Data Sheet

WKS-1

Room Name: **Workstation (Open)** Typical NSM: **3.7**

Function: Open touch-down workstation either dedicated or shared by multiple staff; GNWT standard (Type G). Used as provider charting stations in central work areas in units.

Adjacency: Grouped with other staff workstations.

Special Design Features: Partitions for screening, where necessary. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Task chair/stool	1
Modular Workstation/Counter	1
Waste basket	1
Computer/Docking Station	1
Monitor	1
Task Light	1
Filing Cabinet	1

Room Data Sheet

WKS-2

Room Name: **Workstation (Semi-Enclosed)** Typical NSM: **4.5**

Function: Semi-enclosed workstation or cubicle typically for clerical/data entry staff and for Unit clerks; GNWT standard (Type F).

Adjacency: Grouped with other staff workstations.

Special Design Features: Secure storage drawer/shelf for personal effects (if dedicated workstation); bench-height electrical receptacles. Partitions for screening. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Task chair/stool	1
Modular Workstation	1
Waste basket	1
Computer/Docking Station	1
Monitor	1
Task Light	1
Waste basket	1
Filing Cabinet	1

Room Data Sheet

WKS-3

Room Name: **Workstation (Physician Dictation)** Typical NSM: **4.5**

Function: Semi-enclosed workstation or cubicle for physician dictation, x-ray viewing, charting, and administrative functions.

Adjacency: Grouped with other physician workstations away from patient activity areas.

Special Design Features: Enhanced sound attenuation required; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Computer/PACS viewing station	1
Dictation equipment	1
Desk chair	1
Waste basket	1

Room Data Sheet

WKS-4

Room Name: **Cubicle (Open)** Typical NSM: **6.5**

Function: Semi-enclosed workstation typically for clerical/administrative staff; similar functions to GNWT standard (Type E).

Adjacency: Grouped with other staff workstations.

Special Design Features: Secure storage drawer/shelf for personal effects (if dedicated workstation); bench-height electrical receptacles. Partitions for screening. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.5 m
Modular partitions	tbd
Computer	1
Desk chair	1
Side chair	1
Waste basket	1
Modular workstation	1
Filing Cabinet	1

Room Data Sheet

WKS-5

Room Name: Office/Cubicle **Typical NSM:** 9.3

Function: Modular office cubicle typically for supervisors/coordinators or security. Alternative to OFF-1, providing privacy and screening, but allowing for better daylighting and collaboration depending on the unit.

Adjacency: Grouped with other staff workstations.

Special Design Features: Secure storage drawer/shelf for personal effects (if dedicated workstation); bench-height electrical receptacles. Partitions for screening.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Filing Cabinet	1
Modular workstation	1
Desk chair	1
Waste basket	1
Side chair	2
Side Table	1
Waste basket	1
Monitor	1
Computer/Docking Station	1
Filing Cabinet	1

Room Data Sheet

WKS-6

Room Name: Charting Alcove **Typical NSM:** 1.4

Function: Charting alcove for charting in corridor outside of treatment space

Adjacency: Contiguous with corridor, open to circulation

Special Design Features: Network connection, task lighting, capable of being adapted and configured for Stanton Electronic Charting systems.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-HR
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Linear metres of counter	1.0
Monitor	1
Computer/Docking Station	1
Task Chair/Stool	1

Room Data Sheet

OEQ-1

Room Name: **Office Equipment Alcove (Small)** Typical NSM: **4.0**

Function: Small alcove adjacent to a group of staff workstations to accommodate a printer/copier/fax machine (table-top), office supplies, and other related equipment.

Adjacency: Grouped with other staff workstations.

Special Design Features: Bench-height electrical receptacles.

Room Features:

General:

Typical Occupancy: 1 person
 Occupancy Intensity: Intermittent
 Utilization: Day shift
 Access: Standard
 Windows: Unnecessary

Communications and Security:

Telephone: Yes No
 Emergency Call: Yes No
 Intercom: Yes No
 Data: Yes No
 Wireless: Yes No
 CCTV: Yes No
 Security Lock: Yes No

Mechanical:

HVAC Area Classification: I II III
 Relative Pressurization: Equal
 Plumbing: Yes No
 Specialized Plumbing: Yes No
 Floor Drain: Yes No
 Medical Gases: None

Electrical:

Electrical Intensity of Care: n/a
 Specialized Electrical: Yes No

Finishes:

Floor: Standard
 Walls: Standard
 Ceiling: Standard

Furniture, Fixtures, and Equipment:

<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	3.0 m
Linear metres of counter	3.0 m
Refuge Bin	1
Recycle Bin	1
Printer/copier/fax machine	1

Room Data Sheet

OEQ-2

Room Name: **Office Equipment Alcove (Large)** Typical NSM: **6.0**

Function: Large alcove adjacent to a group of staff workstations to accommodate separate or combined printer, copier, and/or fax machines (table-top), office supplies, and other related equipment.

Adjacency: Grouped with other staff workstations.

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	3.0 m
Linear metres of counter	1.0 m
Refuge Bin	1
Recycle Bin	2
Printer/copier/fax machine	1
Low Storage	1

Room Data Sheet

CFR-1

Room Name: **Conference Room (Small)** Typical NSM: **20.0**

Function: Conference/meeting room with seating for eight to ten persons; add 1.4 NSM per additional seat. Updated recommendations to *Government of the Northwest Territories – Office Space Standards and Guidelines* should be considered during design development.

Adjacency: Grouped with other administrative offices and workstations.

Special Design Features: Telehealth and video conference capability and adjustable lighting to allow room darkening for presentations and adjustable blinds if windows are provided. Telehealth/audio-visual equipment to be portable. For Pharmacy, and any other staff areas that do not have separate staff lounge, provision of nourishment station should be considered. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	8-10 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
k	Standard; carpeting preferred
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Conference table	1
Conference-style chairs	8-10+
Metal cart	1
Telehealth/audio-visual equipment	1
Digital monitor (wall-mounted)	1
White board (wall-mounted)	1
Waste basket	1
Recycling bin	1
Clock (wall-mounted)	1

Room Data Sheet

CFR-2

Room Name: **Conference Room (Large)** Typical NSM: **44.0-56.0**

Function: Conference/Classroom with seating for 15-30 persons; add 1.4 NSM per additional seat. Updated recommendations to *Government of the Northwest Territories – Office Space Standards and Guidelines* should be considered during design development.

Adjacency: Grouped with other Staff Education and Development spaces

Special Design Features: Telehealth and video conference capability and adjustable lighting to allow room darkening for presentations and adjustable blinds if windows are provided. Telehealth/audio-visual equipment to be portable. Wire management for flexible workspace configuration.

Room Features:	
General:	
Typical Occupancy:	up to 30 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard; carpeting preferred
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Conference table	Varies
Conference-style chairs	30+
Metal cart	1
Telehealth/audio-visual equipment	1
Digital monitor (wall-mounted)	1
White board (wall-mounted)	1
Waste basket	1
Computer workstation	1
Hand hygiene dispenser (waterless)	1
Linear metres of counter	2.0 m
Utility sink (Computer lab only)	1
Microwave (Computer lab only)	1
Coffee Maker (Computer lab only)	1
Instant hot water dispenser (Computer lab only)	1
Recycling bin	1
Clock (wall-mounted)	1

4.0 Unique Service-Specific Spaces

Functional Program for the Stanton Territorial Hospital Renewal Project

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4.0 Unique Service-Specific Spaces

Functional Program for the Stanton Territorial Hospital Renewal Project

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4.0 Unique Service-Specific Spaces

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4.0 Unique Service-Specific Spaces

Functional Program for the Stanton Territorial Hospital Renewal Project

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Room Data Sheet

CSS-1

Room Name: **Main Entrance Vestibule** Typical NSM: **11.0**

Function: Primary entrance for non-urgent ambulatory patients, family members, and visitors.

Adjacency: Direct access to the Reception/Concierge Desk at the Customer Service Centre.

Special Design Features: Double electrical sliding doors with a second set to the Patient/Visitor Lounge.

Room Features:	
General:	
Typical Occupancy:	1-2 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Entry Floor System	1

Room Data Sheet

CSS-2

Room Name: Patient/Visitor Lounge **Typical NSM:** 38.5

Function: Lounge area for patients and visitors who area waiting for pick-up or meeting another person; comfortable lounge-type seating.

Adjacency: Immediately accessible from the Main Entrance Vestibule. Contiguous with Reception/Customer Service and Food Services Dining Area.

Special Design Features: View to the drop-of/pick-up area outside, and to both banks of elevators, and access to natural daylight; digital display monitor to be viewed from as many seats as possible; STH Phone Alcove contiguous. Foundation kiosk or wall display with a contiguous counter, stool, and cueing space. Feature Wall such as active living wall to be considered.

Room Features:	
General:	
Typical Occupancy:	5-10 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Television Flat screen	1
Special chair (bariatric)	10
Side table	4
Digital display monitor (wall-mounted)	1
Automated teller machine (ATM)	1
Kiosk or wall-mounted display	1
Desk	1
Desk chair or stool	1
Wall-mounted phone	2
Waste bin	2
Hand hygiene dispenser (waterless)	1
Lounge-Type Chair w/o arms	10
Lounge-Type Chair w/ arms	8
Sofa (2-seats)	3
Sofa (3-seats)	1
Payphone	1
Phone (Taxi)	1

Room Data Sheet

CSS-3

Room Name: **Reception/Concierge Desk** Typical NSM: **9.0**

Function: Reception desk open to the public with two workstations.

Adjacency: Immediately adjacent to the Main Entrance Vestibule.

Special Design Features: Transaction counter reception desk; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Building hours
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	3.0 m
Desk chair	2
Waste basket	2
Hand hygiene dispenser (waterless)	1

Room Data Sheet

CSS-4

Room Name: **Registration/Communication Cubicle** Typical NSM: **6.0**

Function: Registration/communication with patients, family members, and visitors including registration, scheduling, and interpreter services.

Adjacency: Immediately adjacent to the Reception/Concierge Desk; two self check-in kiosks (at 3.7 NSM each) to be included adjacent to the Registration/Communication Cubicles. Ease of access to office equipment alcove (OEQ-1)

Special Design Features: Semi-enclosed carrel with acoustical privacy; bench-height electrical receptacles; secure storage drawer for personal effects.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular desk or casework	---
Linear metres of counter	1.0 m
Desk chair	1
Side chair	2
Waste basket	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

CSS-6

Room Name: **Retail Area** Typical NSM: **18.9**

Function: Retail shop operated by the STH Auxiliary.

Adjacency: Accessible from the Patient/Visitor Lounge and visible to outpatient/visitor traffic entering the hospital main entrance.

Special Design Features: Windows to the Patient/Visitor Lounge and main public circulation corridor.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	3.0
Cash register	1
Flower refrigerator/cooler	1
Beverage refrigerator/cooler	1
Display shelving/cabinet	1
Garbage Can	1
Desk chair or stool	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

CSS-7

Room Name: **Storage Room** Typical NSM: **5.0**

Function: Storage of Tuck Shop inventory not yet displayed.

Adjacency: Contiguous with the Tuck Shop retail area with connecting door.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Metal carts/shelving	3m
Cart	1

Room Data Sheet

CSS-8

Room Name: **Chapel/Meditation Room** Typical NSM: **30.0**

Function: Quiet room for non-denominational observance, spiritual reflection, or used by patients and visitors for quiet reflectance.

Adjacency: Accessible from the Patient/Visitor Lounge and visible to outpatient/visitor traffic but away from major activity areas; contiguous with Storage Room.

Special Design Features: Quiet and calming milieu with flexible seating and raised altar/stage platform.

Room Features:	
General:	
Typical Occupancy:	5-15 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Lectern/Altar	1
Chair	10-15
Wall-hung video display monitor	1
Display shelving	1
Waste basket	1
Hand hygiene dispenser (waterless)	1
Piano	1
Book Cart	1

Room Data Sheet

CSS-9

Room Name: **Storage Room** Typical NSM: **6.0**

Function: Storage of furniture and accessories used in the Chapel/Meditation Room.

Adjacency: Contiguous with the Chapel/Meditation Room with connecting door.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Metal carts/shelving	3.0m
Cart	1
Modular, wall-hung casework	3.0 m
Linear metres of counter	1.0 m

Room Data Sheet

DXS-1

Room Name: Male Patient Changing Room **Typical NSM:** 12.6

Function: Area for male patients to prepare for their test/procedure; includes four changing cubicles and six full-size lockers

Adjacency: Adjacent to testing/procedure rooms.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	2-4 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Locker (full-size)	6
Bench	4
Mirror (full-length)	4
Waste bin	1
Hand hygiene dispenser (waterless)	1
Linen hamper	1
Privacy curtain	4

Room Data Sheet

DXS-2

Room Name: **Female Patient Changing Room** Typical NSM: **12.6**

Function: Area for female patients to prepare for their test/procedure; includes four changing cubicles and six full-size lockers

Adjacency: Adjacent to testing/procedure rooms.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	2-4 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Locker (full-size)	6
Bench	4
Mirror (full-length)	4
Waste bin	1
Hand hygiene dispenser (waterless)	1
Linen hamper	1
Privacy curtain	4

Room Data Sheet

DXS-3

Room Name: **Imaging Room (Standard)** **Typical NSM:** **36.5**

Function: Multi-purpose imaging procedure room to house a general radiographic or fluoroscopic unit (29.0 NSM) or a mammography unit (size reduced to 14.0 NSM).

Adjacency: Contiguous patient washroom (optional); grouped with other imaging procedure rooms and support space.

Special Design Features: Integrated control alcove for technician (7.5 NSM); bench-height electrical receptacles; x-ray shielding.

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair/stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, Med Air
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework (optional)	---
Linear metres of counter	1.0 m
Hand hygiene sink (wall hung)	1
Metal supply storage unit or cart	tbd
Computer workstation (alcove)	1
Digital imaging unit	1
Stool	1
Side chair (alcove)	1
Lead apron rack	1
Hand hygiene dispenser (waterless)	1
Clothing hook	1
Paper towel dispenser	1
Linen hamper	1
Waste bin	2
IV stand	1
Portable patient lift	1
Clock	1
Piggostat	1
Stretcher	1
Privacy Curtain	1

Room Data Sheet

DXS-4

Room Name: Imaging Room (Special) **Typical NSM:** 51.0

Function: Imaging procedure room for a computed tomography (CT) unit.

Adjacency: Contiguous patient washroom; grouped with other imaging procedure rooms and support space.

Special Design Features: Integrated control room for technicians (11.0 NSM); bench-height electrical receptacles; x-ray shielding.

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, Med Air, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework (optional)	---
Linear metres of counter	1.0 m
Hand hygiene sink (wall hung)	1
Metal supply storage unit or cart	tbd
Computer workstation (control room)	1-2
Digital imaging unit	1
Stool	1
Side chair (control room)	2
Lead apron rack	1
Hand hygiene dispenser (waterless)	1
Clothing hook	1
Paper towel dispenser	1
Linen hamper	1
Waste bin	2
IV stand	1
Portable patient lift	1
Viewbox	1
Warmer	1
Injector	1
Clock	1
Privacy Curtain	1

Room Data Sheet

DXS-5

Room Name: Exercise/Stress Testing Room **Typical NSM:** 20.0

Function: Flexible, multi-purpose room for performing exercise-related cardiac and respiratory testing.

Adjacency: Grouped with other cardiopulmonary/ultrasound testing rooms and physician viewing area (DXS-8)

Special Design Features: Enclosed room with two treadmill bays (curtain closure); acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Hand hygiene sink (wall-hung)	1
Cardiopulmonary testing equipment	tbd
Computer workstation	2
Stress test system with treadmill	2
Table	2
Stool	2
Blood pressure monitor	2
Supply cart	1
Crash cart	1
Side chair	2
Biomedical waste bin	1
Trash bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Clothing hook	1
Sphygmomano Meter	1

Room Data Sheet

DXS-6

Room Name: Specimen Collection Work Area **Typical NSM:** 9.5

Function: Preparation and temporary holding of specimens until transported to the laboratory.

Adjacency: Contiguous with blood drawing cubicles and urine specimen collection toilet.

Special Design Features: Pass-through cabinet to specimen collection toilet and to Lab Work Area; bench-height electric receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	5.0
Hand hygiene sink (wall-hung)	1
Refrigerator	1
Centrifuge	1
Label maker & printer	1
Computer & Workstation	1
Desk chair	1
Metal cart	1
Biomedical waste bin	1
Trash bin	1
Sharps disposal container	1
Hand hygiene dispenser (waterless)	1
Clothing hook	1
Paper towel dispenser	1
Shelving	tbd
Clock	1
Phone	1

Generic Room Data Sheet (Patient Care Spaces)

DXS-7

Room Name: Blood Drawing Cubicle **Typical NSM:** 7.5

Function: Patient blood drawing (phlebotomy) station.

Adjacency: Contiguous with the specimen collection work area.

Special Design Features: Curtain closure; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene sink (wall-hung)	1
Curtin Track	1
Phlebotomy chair	1
Stool	1
Metal cart	1
Hook	2
Biomedical waste bin	1
Trash bin	1
Sharps disposal container	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

DXS-8

Room Name: **Physician Viewing Area** Typical NSM: **9.2**

Function: Workstations for physician observation with viewing window into the testing room

Adjacency: Contiguous with testing room

Special Design Features: Enhanced sound attenuation required; bench-height electrical receptacles; PACS units to be included, dimmable lights and individual task lights at each workstation. Teleconferencing capabilities required

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Computer/PACS viewing station	1
Dictation equipment	1
Modular Workstation	2
Desk chair	2
Waste basket	1
Teleconferencing Equipment	1
Recycling Bin	1

Room Data Sheet

LAB-1

Room Name: Central Specimen Processing Area **Typical NSM:** 22.5

Function: Receiving, sorting, and preparation of specimens received at the STH central laboratory and temporary holding of specimens to be sent out; includes receiving/sorting workstation (3.7 NSM), processing workstation (3.7 NSM), referral/send-out workstation (5.6 NSM), and shared support space (9.5 NSM).

Adjacency: Requires convenient access from outpatient specimen collection suite, main hospital corridor, and building access point for couriers bringing specimens to STH and picking up specimens for transport elsewhere. Located in proximity to pneumatic tube station

Special Design Features: Bench-height electric receptacles. Emergency power required. Adequate shelving required for requisitions, manuals, trays, tubes and supplies.

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	tdb
Sink (double)	1
Refrigerator (double-door)	1
Centrifuge	2
Label maker/printer	3
Computer	2
Desk chair	2
Metal cart	1
Biomedical waste bin	1
Trash bin	1
Printer/copier/fax machine	1
Shelving for packaging material	tdb
Hang hygiene sink (wall hung)	1
Paper towel dispenser	1
Biohazard hood	1
Transaction top counter	1
Transaction window.	1
Hook	2

Room Data Sheet

LAB-2

Room Name: **Microbiology Work Room** Typical NSM: **50.0**

Function: Workroom to process microbiology specimens. Includes sit-down counter for various equipment.

Adjacency: Requires convenient access to Core Lab

Special Design Features: Bench-height electric receptacles. Requirements for emergency power, ultraviolet light, propane gas outlet, distilled water and sink for staining

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	10.0
Computer	3
adjustable stools	3
Metal cart	1
Biomedical waste bin	1
Trash bin	3
Printer/copier/fax machine	1
Hang hygiene sink (wall hung)	1
Eyewash station	1
Magnifying Light	1
Ultraviolet light	1
Whiteboard	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Utility sink	3
Refrigerator (double-door)	1
Centrifuge	2
Freezer	1
Biohazard cabinet	1
Incubator	1
CO2 gas tanks	tbd
Stereoscope	tbd
Microscope	tbd
Sink for staining	tbd
Stainer	tbd
Various analyzers	tbd
Wall mounted PPE holder	1
Chair	4
Analyzer microbiology	1

Room Data Sheet

LAB-3

Room Name: **TB Ante Room** **Typical NSM:** **8.0**

Function: Anteroom to the TB Workroom

Adjacency: Contiguous with TB Workroom

Special Design Features: Windows between the TB Ante Room and TB workroom; design must comply with federal regulations, professional standards for laboratories, and occupational health and safety regulations; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day Shift
Access:	Standard
Windows:	Partition glass required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	1.5
Hand hygiene sink	1
Eye wash station	1
Computer	1
Waste basket	1
Dispenser	4
Computer	1
Shelving	1
Chair (counter-height)	1
Pass-through Autoclave	1
Wall-mounted PPE holder	1

Room Data Sheet

LAB-4

Room Name: **TB Work Room** Typical NSM: **16.0**

Function: Workroom to process TB specimens. Includes sit-down counter for various equipment.

Adjacency: Requires convenient access to Core Lab and Microbiology

Special Design Features: Bench-height electric receptacles. Propane gas outlet required. Pressure needs to be less than adjacent ante room and Microbiology work room.

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	1
Linear metres of counter	5.0 m
Sink (double)	1
Refrigerator	1
Centrifuge	2
Label maker/printer	3
Computer	2
Desk chair	2
Metal cart	1
Biomedical waste bin	1
Trash bin	1
Printer/copier/fax machine	1
Hang hygiene sink (wall hung)	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Whiteboard	1
Biohazard hood	1
Incubator	1
Microbacteria testing System	1

Room Data Sheet

LAB-5

Room Name: Core Laboratory/Central Work Area **Typical NSM:** 117.5

Function: Work area for chemistry and hematology testing of specimens. Includes lab benches and touch down stations for lab staff (13.5 NSM)

Adjacency: Requires convenient access from outpatient specimen collection suite, main hospital corridor, and building access point for couriers bringing specimens to STH and picking up specimens for transport elsewhere.

Special Design Features: Bench-height electrical receptacles; requires emergency power, modems for analyzers; distilled water; dedicated power to analyzers; drains for analyzer; water softener system. Requires specialized plumbing and drains for acid resistance.

Room Features:	
General:	
Typical Occupancy:	6-10 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	5
Linear metres of counter	20.0
Sink (double)	6
Refrigerator (double-door)	1
Computer	6
Adjustable stools	7-10
Biomedical waste bin	1
Trash bin	6
Printer/copier/fax machine	1
Hand hygiene sink (wall hung)	2
Paper towel dispenser	2
Wall mounted PPE holder	1
Eyewash Station	1
Whiteboards	2
Warmer	1
Refrigerator	1
Freezer	1
Centrifuge	tbd
Analyzers	10
Biohazard hood	tbd
Dry bath	tbd
Slide stainer	1
Microscopes	2
Water bath	tbd
Lab mixers/ rockers	tbd
Coagulators	2
Incubators	1
Pyxis Machine	
Cardiac reader	1
Chairs	7
Rotater	1
Rocker	1
Osmometer	1

Room Data Sheet

LAB-6

Room Name: **Transfusion Services** Typical NSM: **20.0**

Function: Blood bank testing and storage

Adjacency: Requires convenient access to Core Lab

Special Design Features: Bench-height electric receptacles. Emergency power required; distilled water required; room temperature monitor; drain for cell washer. All fridges/freezers require 24/7 temperature monitors as

Room Features:	
General:	
Typical Occupancy:	1-3 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	5.0 m
Sink (double)	1
Refrigerator	1
Centrifuge	2
Computer	2
Desk chair	2
Biomedical waste bin	1
Trash bin	2
Printer/copier/fax machine	1
Hand hygiene sink (wall hung)	1
Paper towel dispenser	1
Eyewash station	1
Centrifuge	1
Blood bank refrigerator	tbd
Shaker	1
Cross match equipment	tbd
Platelet mixer	tbd
Cell washer	tbd
Two dry incubator baths	tbd
Biohazard hood	tbd
Plasma freezer	tbd
Plasma thawing system	tbd
Water bath	tbd
Microscope	tbd
Wall mounted PPE holder	1
Cart	2
Micro typing system	1

Room Data Sheet

LAB-7

Room Name: Laboratory Storage (with Refrigerator/Freezer) **Typical NSM:** 22.5

Function: Storage space for supplies and freezer storage of specimens

Adjacency: Requires convenient access from core laboratory

Special Design Features: Bench-height electric receptacles, emergency power required

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	1
Linear metres of counter	tbd
Sink (double)	1
Hang hygiene sink (wall hung)	1
Refrigerator (double-door)	2
Freezer (double-door)	2
Computer	2
Desk chair	2
Paper towel dispenser	1
Central Hamper	1
Shelving	2
Microscope	1

Room Data Sheet

MOR-1

Room Name: Family Viewing Area **Typical NSM:** 11.0

Function: Used for family viewing of expired patients.

Adjacency: Grouped with Morgue/Body Holding. Provision for escorted public access to the family viewing area.

Special Design Features: Acoustical privacy; provisions for a secure door and draped acoustic window. The area should have cool temperature and low lighting levels.

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework (optional)	---
Linear metres of counter	1.0 m
Clothing hook	4
Computer/charting station	1
Waste basket	1
Hand hygiene dispenser (waterless)	1
Sofas	4
Table end	2

Room Data Sheet

MOR-2

Room Name: Morgue/ Body Holding **Typical NSM:** 44.0

Function: Used for storage of bodies. Assumes holding for 6 bodies including bariatric capability. Casework used to store instrument and supplies.

Adjacency: Entrances shall be set up for escorted entry by staff from an access-controlled and monitored, secure corridor. Adjacency to unloading area for bodies.

Special Design Features: Acoustical privacy; provisions for a secure door. The area should have cool temperature and low lighting levels; provisions for emergency power; extra receptacles required

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear meters of counter	1.0 m
Hand hygiene sink	1
Stainless steel Computer/charting station	1
Waste basket	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Clothing hook	4
Sharps Disposal Container	1
Adjustable stool	1
Linen hamper	1
Surgical Light	1
Eye wash	1
Body Coolers	6
Biohazard waste bin	1
Wall mounted PPE holder	1
Light Exam	1
Scale	1
Stretcher	5
View Box	1
Stool	1
Table	1

Room Data Sheet

MDC-1

Room Name: Treatment Cubicle (Recliner Chair) **Typical NSM:** 11.0

Function: Patient treatment cubicle with recliner chair for chemotherapy and intravenous (IV) therapy, outpatient antimicrobial therapy (OPAT) primarily.

Adjacency: Groups of two cubicles separated by the Reception/Staff Work Area.

Special Design Features: Ceiling-mounted curtain track; bench-height electrical receptacles. Access to daylight.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	O2, Med Air, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	1
Linear metres of counter	1.5 m
Treatment chair (recliner)	1
Side chair	1
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Supply cart	1
Monitor (wall-hung)	1
Patient side table	1
Clothing hook	1
Chair	2
Diagnostic panel	1
Light Exam	1
Pump infusion	1
Sphygmano meter w/basket	1
Pamphlet holder	2
Privacy Curtain Track	1
Privacy Curtain	1

Room Data Sheet

MDC-2

Room Name: **Treatment Room (Recliner Chair)** Typical NSM: **13.0**

Function: Patient treatment room with recliner chair for chemotherapy and intravenous (IV) therapy, outpatient antimicrobial therapy (OPAT) primarily.

Adjacency: Two rooms grouped near the Reception/Staff Work Area.

Special Design Features: Bench-height electrical receptacles. Access to daylight.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	O2, Med Air, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.5 m
Treatment chair (recliner)	1
Side chair	1
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Supply cart	1
Monitor (wall-hung)	1
Patient side table	1
Clothing hook	1
Chair	2
Diagnostic panel	1
Light exam	1
Pump infusion	1
Sphygmano meter w/basket	1
Pamphlet holder	2
Privacy Curtain Track	1
Privacy Curtain	1

Room Data Sheet

DYS-1

Room Name: Treatment Space **Typical NSM:** varies

Function: Patient treatment space for dialysis, should be designed as per Table 9.2 of the CSA Z-8000-11 Standards. Open cubicles are intended for community dialysis and can be closed by curtain when necessary.

Adjacency: Proper visibility from the Reception/Staff Work Area. Allow for sufficient space in front of the recliner for a 'computer on wheels'

Special Design Features: Ceiling-mounted curtain track; bench-height electrical receptacles. RO water supply to each dialysis machine; drain required for each dialysis station.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Building Hours
Access:	Wheelchair/stretchers
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	O2, MedAir, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear meters of counter	1.5 m
Treatment chair (recliner)	1
Side chair	1
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Supply cart	1
Monitor (wall-hung)	1
Patient side table	1
Clothing hook	1
Dialysis machine	1
Ph Testing station	1
Wall mounted PPE holder	1
Privacy Curtain Track	1
Privacy Curtain	1

Room Data Sheet

DYS-2

Room Name: **Water Treatment Room (Dialysis)** **Typical NSM:** **20.0**

Function: RO water treatment machine room that provides RO water for all of the dialysis machines.

Adjacency: The layout shall minimize the length of the RO water loop

Special Design Features: Dedicated water source; special electrical service for RO machinery

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	2.0m
Metal shelving unit	1
Computer	1
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Bench height chairs	1
Printer	1
Trash bin	1
RO unit	1

Room Data Sheet

DPU-1

Room Name: **Scope Storage Room** **Typical NSM:** **8.4**

Function: Assembly and storage of scopes.

Adjacency: Adjacent to GI endoscopy procedure rooms.

Special Design Features: Bench-height electric receptacles; additional direction to be provided by the medical device reprocessing consultant.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	3.0 m
Hand hygiene sink (wall-hung)	1
Scope storage cabinet (wall-mounted)	1
Metal supply cart	2
Waste bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

ORS-3

Room Name: **Anesthesia Office/Cubicle**

Typical NSM: **9.3**

Function: Workstation for anesthetist.

Adjacency: With ease of access to the surgical suite.

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene dispenser (waterless)	1
Computer	1
Desk	1
Desk chair	1
Waste basket	1
Clothing hook	1
Modular Workstation	1

Room Data Sheet

ORS-4

Room Name: **Frozen Section Laboratory** Typical NSM: **7.4**

Function: Laboratory to provide rapid microscopic analysis of surgical specimens to provide intra-operative consultation.

Adjacency: Directly accessible from the operating rooms/sterile core.

Special Design Features: Bench-height electric receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Sink (wall-hung)	1
Microtome/cryostat	1
Refrigerator/freezer	1
Slide stainer	1
Microscope	1
Metal cart	1
Desk chair	1
Biohazard waste bin	1
Trash bin	1
Desk chair	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1

Room Data Sheet

ORS-5

Room Name: **Clean Supply/Medication Alcove** Typical NSM: 4.6

Function: Storage and preparation of patient medications and clean supplies.

Adjacency: Convenient access to/from stretcher cubicles in Post-Anesthesia Recovery Room.

Special Design Features: Bench-height electric receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupies
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.5 m
Utility sink	1
Supply cart	1
Securable narcotics cabinet	1
Waste bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Scientific refrigerator/freezer	1

Room Data Sheet

ORS-6

Room Name: **Soiled Holding Alcove** Typical NSM: **3.7**

Function: Storage of soiled linen cart and waste bins.

Adjacency: Convenient access to/from stretcher cubicles in Post-Anesthesia Recovery Room.

Special Design Features: Bench-height electric receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupies
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.5 m
Utility sink	1
Soiled linen cart	1
Biomedical waste bin	1
Trash bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1

Room Data Sheet

ORS-7

Room Name: **Male Staff Lockers/Changing Area** Typical NSM: **23.5**

Function: Area for male staff to gown before entering the surgery sterile core area; includes entry vestibule, coat rack/boot storage, 10 full-width lockers, hand hygiene sink, and a separate washroom (2.8 NSM) and washroom/shower (6.0 NSM).

Adjacency: Adjacent to staff lounge.

Special Design Features: Staff must enter from public corridor and gown before entering the surgery sterile core area.

Room Features:	
General:	
Typical Occupancy:	4-6 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Locker (full-width/height)	10
Bench	1
Mirror (full-length)	1
Waste bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sink (wall-hung)	3
Toilet	2
Shower stall	1
Mirror (wall-mounted)	1
Coat rack	1
Boot rack	1
Privacy Curtain	2

Room Data Sheet

ORS-8

Room Name: Female Staff Lockers/Changing Area **Typical NSM:** 28.0

Function: Area for female staff to gown before entering the surgery sterile core area; includes entry vestibule, coat rack/boot storage, 15 full-width lockers, hand hygiene sink, and a separate staff washroom (2.8 NSM) and washroom/shower (6.0 NSM).

Adjacency: Adjacent to staff lounge.

Special Design Features: Staff must enter from public corridor and gown before entering the surgery sterile core area.

Room Features:	
General:	
Typical Occupancy:	6-8 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Locker (full-size/height)	15
Bench	2
Mirror (full-length)	1
Waste bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sink (wall-hung)	3
Toilet	2
Shower stall	1
Mirror (wall-mounted)	1
Coat rack	1
Boot rack	1
Privacy Curtain	2

Room Data Sheet

ORS-9

Room Name: **Scrub Station** **Typical NSM:** 1.6

Function: Area for surgical staff to wash hands and put on surgical masks

Adjacency: Located in an alcove immediately adjacent operating rooms.

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	N/A
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Pair of scrub sinks	1
Shelving for surgical supplies	1
Waste bin	1
Soap dispenser (automatic control)	1
Clock (wall-mounted)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1

Room Data Sheet

Room Name: Sterile Core **Typical NSM:** 27.9

Function: Sterile corridor to store clean supply carts and surgical case carts

Adjacency: Located within the surgical suite, adjacent to operating rooms

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1-4 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Building Hours
Access:	Wheelchair/Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Hand Hygiene sink (wall hung)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Linen Hamper	1
Supply cart	tbd
Surgical Case cart	tbd
Crash cart	tbd
Flash Sterilizer	1
Anesthetic Machine (Backup)	1

Room Data Sheet

RHB-1

Room Name: Open Treatment Gym **Typical NSM:** 130.0

Function: To provide exercise therapy spaces for patients through an open treatment area with plinths, parallel bars, stair and wall-mounted and floor-mounted exercise equipment.

Adjacency: Grouped with other patient care spaces. Storage of equipment shall be provided nearby

Special Design Features: Wall finishes shall be impact resistant to a height of 2 m from the floor. Floor materials shall be appropriate for gymnasium use. Sound attenuation to be provided. Ceiling-mounted curtain track; bench-height electrical receptacles. The room shall have barrier-free access.

Room Features:	
General:	
Typical Occupancy:	7-10 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene sink	1
Computer/charting workstation	1
Exam table	4 (tbd)
Stool	4 (tbd)
Side chair	4 (tbd)
Exam light	4 (tbd)
Privacy curtain	4 (tbd)
Telemedicine cart (optional)	---
Supply cart	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Clothing hook	1
Wall mounted PPE holder	1
Glove Dispenser	
Theraballs	1
Full sized skeleton	1
Arm bike	1
Weight caddy	1
Hand held weights	1
Ankle weights	1
Balance boards	1
Foot stools	1
BOSU balls	1
Plinth	tbd

Room Data Sheet

RHB-2

Room Name: **Whirlpool Room** Typical NSM: **13.0**

Function: To provide hydrotherapy to patients ('limb tub')

Adjacency: Grouped with other patient care spaces.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles; space to be curtained off for privacy, floors and walls to be of water-resistant material and floors to be finished with slip-resistant material. Patient lifts not required

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene sink	1
Whirlpool bath	1
Computer/charting workstation	1
Supply cart	1
Bath height stool	1
Chair	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Trash bin	1
Linen hamper	1
Privacy curtain	1
Clothing hook	1
Glove Dispenser	1
Wall mounted PPE holder	1

Room Data Sheet

RHB-3

Room Name: **Occupational Therapy Activity Area** Typical NSM: **67.0**

Function: To provide treatment for Occupational Therapy patients. Space can be subdivided into heavy and light activity areas

Adjacency: Grouped with other patient care spaces and Occupational Therapy Workshop. Storage of equipment shall be provided nearby

Special Design Features: Bench-height electrical receptacles. The room shall have barrier-free access.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	3.0 m
Hand hygiene sink	1
Printer	1
Computer/charting workstation	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Clothing hook	1
Storage cupboards (ADL kitchen)	1
Refrigerator	1
Dishwasher	1
Coffee Machine	1
Stove	1
Microwave	1
Chairs	tbd
Work tables	tbd
Dining table	1
Plinth	tbd
Wall mounted PPE holder	1
Glove Dispenser	1

Room Data Sheet

RHB-4

Room Name: Quiet Treatment Room **Typical NSM:** 20.0

Function: Patient examination and non-invasive treatments and procedures to be shared by Physiotherapy and Occupational Therapy. Room with double treatment table area.

Adjacency: Grouped with other patient care spaces.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Hand hygiene sink	1
Computer/charting workstation	2
Exam table	2
Stool	2
Side chair	2
Exam light	2
Wall mounted PPE holder	1
Glove Dispenser	1
Supply cart	2
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Clothing hook	1
Trash bin	1
Linen hamper	1
Privacy curtain (optional)	2
Telemedicine cart (optional)	---

Room Data Sheet

RHB-5

Room Name: Occupational Therapy Workshop **Typical NSM:** 20.0

Function: Workshop to prepare splints and casts and storage space for supplies and ADL equipment for use by Occupational Therapy

Adjacency: Occupational Therapy Activity Area

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied.
Utilization:	Day shift
Access:	Wheelchair/stretcher
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	5.0
Metal storage shelving	tbd
Computer	1
Adjustable stools	1
Recycling bin	1
Trash bin	1
Hand hygiene sink (wall-hung)	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Fume Hood	1
Utility sink	1
Oven	tbd
Hydrocollator	tbd

Room Data Sheet

RHB-6

Room Name: **Audiology Sound Booth** **Typical NSM:** **16.0**

Function: Pre-fabricated audiology booth for testing and documentation by the Audiologists.

Adjacency: To be located in the quietest area possible. There will be one-way glass for viewing into the sound booth from the viewing console.

Special Design Features: Requires special acoustical control; requires radio frequency shielding; strobe light to be connected to fire alarm system; extra receptacles required; dimmer lighting required; ventilation sources should be distant from booths; booth to be recessed in floor

Room Features:	
General:	
Typical Occupancy:	1-3 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	N/A
Walls:	N/A
Ceiling:	N/A

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework (optional)	---
Linear metres of counter	1.0 m
Hand hygiene sink	1
Audiology Booth	1
Computer/charting station	1
Desk	1
Side chair	2
Waste basket	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Clothing hook	1
ABR machine	tbd
Swivel Magnifying Glass	tbd
Hearing Aid analyzer	tbd
Amplifier	tbd
Middle ear analyzer	tbd
Audiometer	tbd
Swivel vise	tbd
Ultrasonic cleaner	tbd
Video otoscope	tbd
Dremel drill	tbd
Ear light	tbd
OAE machine	tbd
Otoscope	tbd
Glove Dispenser	1

Room Data Sheet

EMG-3

Room Name: Decontamination Room **Typical NSM:** 10.0

Function: Patient decontamination.

Adjacency: Dual access from exterior as well as within ED acute care area.

Special Design Features: Secure exterior access door; specific design features addressed in CSA Z-8000. Enclosed room exhausted to exterior - Serviced w/ water, deluge shower, eye wash station - Hamper for containment of bio hazardous items/garments – Direct access from Ambulance Bay

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Shower (hand-held device)	2-
Sink	1
Metal supply cart	1
Trash bin	1
Hose bib	1

Room Data Sheet

EMG-4

Room Name: **Phone/Communication Carrel** Typical NSM: **1.9**

Function: Alcove adjacent to general waiting area for private phone conversation and/or recharging of hand-held communication devices.

Adjacency: Contiguous with the general waiting area.

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Booth with seat and counter	1
Phone	1

Room Data Sheet

EMG-5

Room Name: Family Consult/Bereavement Room **Typical NSM:** 12.0

Function: Private family meetings and consultation.

Adjacency: Adjacent to the general waiting area.

Special Design Features: Telehealth and video conference capability; discreet entrance not visible from general waiting public.

Room Features:	
General:	
Typical Occupancy:	4-8 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Conference table	1
Conference-style chairs	8
Metal cart	1
Telehealth/audio-visual equipment	1
Digital monitor (wall-mounted)	1
Waste basket	1
Coffee-maker	1

Room Data Sheet

EMG-6

Room Name: **Suture/Casting Room (Two Bays)** Typical NSM: **14.8**

Function: Private room with two stretcher bays for suturing or casting.

Adjacency: Grouped with other ED minor treatment area patient care spaces.

Special Design Features: Enclosed room with two stretcher bays (curtain closure); acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles; plaster trap in sink.

Room Features:	
General:	
Typical Occupancy:	4-6 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	24-7
Access:	Wheelchair/stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, N2O, Vac, AGSS
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Hand hygiene sink	1
Stretcher	2
Computer workstation	1
Suture cart	1
Casting cart	1
Stool	2
Blood pressure monitor	2
Side chair	2
Biomedical waste bin	1
Trash bin	1
Sharps disposal container	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Privacy Curtain Track	1
Privacy Curtain	1

Room Data Sheet

EMG-7

Room Name: Trauma/Resuscitation Room **Typical NSM:** 56.0

Function: Patient resuscitation, assessment, and treatment or stabilization; enclosed airborne isolation room (AIR) with two trauma treatment stretcher bays; two shared touch-down workstations, medication/supply/equipment storage alcove.

Adjacency: Direct access from the ED ambulance entrance vestibule.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles. Infrastructure for future provision of overhead radiology unit should be considered. Requires ceiling patient lifts in each bay.

Room Features:	
General:	
Typical Occupancy:	4-6 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac, AGSS
Electrical:	
Electrical Intensity of Care:	Critical care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework (optional)	---
Linear metres of counter	4.0 m
Hand hygiene sink (wall-hung)	2
Cardiac monitor	2
Sharps disposal container	2
Stretcher (standard or radiolucent)	2
Stool	4
Side chair	2
Exam light	2
Oto/ophthalmoscope (wall-mounted)	2
Blood pressure monitor	2
Vital signs monitor	2
Biomedical waste bin	2
Trash bin	2
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Other equipment	tbd
Medication Dispensing machine	1
Lift	2

Room Data Sheet

EMG-8

Room Name: **Seclusion/Safe Treatment Room** Typical NSM: **12.0**

Function: Private room with floor-mounted bed with restraint points; modular stainless steel sink and toilet fixture.

Adjacency: Grouped with other ED acute care treatment spaces.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; requires observation window with one-way glass; requires correction grade sink/toilet combination; tamper proof and vandal proof materials and fittings; CCTV camera with vandal-proof housing, lighting controls to be from exterior of the room; specific direction to be provided by HHS.

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac, AGSS
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Treatment table (floor-mounted)	1
Sink (stainless steel)	1
Toilet (stainless steel)	1
Stool	1
Exam light (portable)	1
Supply cart	1

Room Data Sheet

EMG-9

Room Name: Lab Accessioning Alcove **Typical NSM:** 3.7

Function: Storage of specimen collection supplies and temporary holding of specimens until transported to the laboratory.

Adjacency: Contiguous with ED acute treatment area patient care spaces. Adjacency to pneumatic tube station

Special Design Features: Bench-height electrical receptacles. Requires Pass-through from Triage Patient WC.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene sink	1
Refrigerator	1
Label maker/printer	1
Computer	1
Desk chair	1
Metal cart	1
Biomedical waste bin	1
Trash bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

EMG-10

Room Name: **Psychiatric Exam/Consult Room (ER)** **Typical NSM:** **12.0**

Function: Used for patient interviewing and consultation by providers and therapists.

Adjacency: Grouped with other patient care spaces and close to triage station

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; soft furnishings required, room to have panic alarm and unobstructed exit for therapist. One way observation window into the exam room required.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Wheelchair
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac, AGSS
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework (optional)	---
Linear metres of counter	1.0 m
Computer/charting station	1
Desk	1
Desk chair	1
Side chair	2
Sofa	1

Room Data Sheet

EMG-12

Room Name: Exam/Treatment Cubicle (Semi-Enclosed) **Typical NSM:** 9.5

Function: Semi-enclosed patient treatment cubicle with curtain closure; for stretcher or recliner chair.

Adjacency: Grouped with other acute treatment Critical Care spaces. Located near Hand Hygiene sink.

Special Design Features: Ceiling-mounted curtain track; bench-height electrical receptacles

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac, AGSS
Electrical:	
Electrical Intensity of Care:	Critical care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Stretcher or treatment chair (recliner)	1
Side chair	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Clothing hook	1
Privacy curtain track	1
Privacy Curtain	1

Room Data Sheet

ICU-1

Room Name: **Critical Care Bedroom Suite (Standard)** Typical NSM: **23.2**

Function: Single-bed patient accommodation for critically ill patient; space is inclusive of hand hygiene sink, staff charting alcove, and supply storage.

Adjacency: Grouped with other critical care cubicles.

Special Design Features: Assumes universal precautions used in lieu of an enclosed anteroom; acoustical privacy from adjacent patient bedrooms and corridor; bench-height electrical receptacles; line-of-sight visualization from staff work area. Surface mounted ceiling lift accessible from either side of the bed and extending from bed to all washroom fixtures required.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Stretcher
Windows:	Required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, N2O, Vac, Nitrogen, CO2
Electrical:	
Electrical Intensity of Care:	Critical care
Specialized Electrical:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Patient bed (height-adjustable)	1
Hand hygiene sink (wall-hung)	1
Table (over-bed)	1
Table (bedside)	1
Lounge chair (recliner or fold-out bed)	1
Side chair	1
Physiological/cardiac monitor	1
Digital display monitor (wall-mounted)	1
Privacy curtain track (ceiling-mounted)	1
Oto/ophthalmoscope	1
Blood pressure monitor	1
Shelf	1
Waste basket	1
Clothing hook	1
Shelving (gowning supplies)	---
Linen hamper	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Clock (wall-mounted)	1
Patient lift (optional)	1

Room Data Sheet

LDR-1

Room Name: **LDRP Bedroom** Typical NSM: **40.5**

Function: Single-bed patient accommodation for labor, delivery, and post-partum stay (depending on census); space is inclusive of patient washroom/tub (8.0 NSM); and supply/equipment alcove (1.5 NSM).

Adjacency: Grouped with convenient access to staff work area and special care nursery.

Special Design Features: Acoustical privacy from adjacent patient birthing rooms and corridor; bench-height electrical receptacles; patient tub should be sized/configured to accommodate birthing if desired.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac, N2O, AGSS
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Birthing bed	1
Hand hygiene sink (wall-hung)	1
Table (over-bed)	1
Table (bedside)	1
Lounge chair (recliner or fold-out bed)	1
Side chair	1
Clothing wardrobe	1
Digital display monitor (wall-mounted)	1
Privacy curtain track (ceiling-mounted)	1
Infant bassinet	1
Blood pressure monitor	1
Shelf	1
Waste basket	1
Infant warmer	1
Fetal monitor	1
Stool	2
Biomedical waste bin	1
Sharps disposal container	1
Sink (wall-hung)	1
Birthing tub	1
Toilet	1
Waste basket	1
Paper towel dispenser	1
Mobile equipment/supply cart	tbd

Room Data Sheet

LDR-2

Room Name: Private Infant Care Room **Typical NSM:** 11.5

Function: Treatment and holding of a high-dependency infant; room to accommodate up to two isolettes (for twins); space includes family zone and staff zone.

Adjacency: Near Staff Work Area (Nursery).

Special Design Features: Acoustical privacy from adjacent staff work areas, patient birthing rooms, and corridor; bench-height electrical receptacles; lights at infant station must be on separate switches with dimmers. Must meet Requirements of CSA Z-8000

Room Features:	
General:	
Typical Occupancy:	3-6 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Wheelchair/stretcher
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac, N2O, AGSS
Electrical:	
Electrical Intensity of Care:	Critical care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Infant isolette	1-2
Hand hygiene sink (wall-hung)	1
Infant weighing scale	1
Linen hamper	1
Lounge chair (recliner or fold-out bed)	1
Side chair	1
Infant phototherapy light	1
Digital display monitor (wall-mounted)	1
Blood pressure monitor (pediatric)	1
Waste basket	1
Biomedical waste bin	1
Stool	2
Sharps disposal container	1
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Hand hygiene dispenser (waterless)	1
Clothing hook	1
Storage closet	1
Mobile equipment supply cart	tbd

Room Data Sheet

LDR-3

Room Name: Staff Work Area (Nursery) **Typical NSM:** 4.5

Function: Workstation for Special Care Nursery staff.

Adjacency: One workstation contiguous with each two Private Infant Care Rooms.

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Hand hygiene sink (wall-hung)	1
Computer	1
Desk chair	1
Side chair	1
Waste basket	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Supply cart	1

Room Data Sheet

LDR-4

Room Name: Infant Resuscitation Room **Typical NSM:** 13.0

Function: Used for resuscitation and stabilization of a high-dependency infant; room to accommodate up to one bassinet, supplies and resuscitation equipment shall be stored in the room.

Adjacency: Interconnected with Infant Care Rooms and near Staff Work Area (Nursery).

Special Design Features: Acoustical privacy from adjacent staff work areas, patient birthing rooms, and corridor; bench-height electrical receptacles; colour-corrected dimmable lighting. Must meet Requirements of CSA Z-8000.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac
Electrical:	
Electrical Intensity of Care:	Critical care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Infant isolette	1
Hand hygiene sink (wall-hung)	1
Infant weighing scale	1
Linen hamper	1
Lounge chair (recliner or fold-out bed)	1
Side chair	1
Infant phototherapy light	1
Digital display monitor (wall-mounted)	1
Blood pressure monitor (pediatric)	1
Waste basket	1
Biomedical waste bin	1
Stool	2
Sharps disposal container	1
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Hand hygiene dispenser (waterless)	1
Clothing hook	1
Storage closet	1
Mobile equipment supply cart	tbd
Wall mounted PPE holder	1
Glove Dispenser	1

Room Data Sheet

LDR-5

Room Name: Assessment/Procedure Room (2-bays) **Typical NSM:** 36.0

Function: Used for Antepartum patient examination and assessment, as well as non-invasive treatments and procedures. Includes two semi-enclosed stretcher bay, each with 3 sided full height partitions and front curtain enclosure.

Adjacency: Grouped with birthing suites and adjacent to staff charting area.

Special Design Features: Acoustical privacy from adjacent exam/treatment rooms and corridor; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Wheelchair/stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	Basic care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0 m
Hand hygiene sink	1
Computer/charting workstation	1
Exam table (Gyne)	2
Stool	2
Side chair	2
Exam light	2
Oto/ophthalmoscope	2
Blood pressure monitor	2
Supply cart	1
Hand hygiene dispenser (waterless)	1
Paper tower dispenser	1
Sharps disposal container	1
Biomedical waste bin	1
Trash bin	1
Linen hamper	1
Clothing hook	1
Fetal Heart Monitor	1
Privacy curtain	2
Telemedicine cart (optional)	---

Room Data Sheet

PED-1

Room Name: High Intensity Pediatric Room (One-Bed) **Typical NSM:** 27.0

Function: Single-bed patient accommodation; space is inclusive of entry vestibule (4.0 NSM), supply alcove (1.4 NSM), and contiguous patient washroom with roll-in shower (5.6 NSM); see WRB-1 for patient washroom/shower details.

Adjacency: Direct visibility from Pediatrics Central Work Area for observation. Grouped with other Pediatric patient bedrooms.

Special Design Features: Acoustical privacy from adjacent patient bedrooms and corridor; must meet Requirements of CSA Z-8000 for mental health/addiction services. Anti-damage and Anti-barricade measures will apply. All furniture, fittings, equipment and finishes shall be selected to prevent self-harm

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied
Utilization:	24-7
Access:	Wheelchair/stretchers
Windows:	Required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen, MedAir, Vac
Electrical:	
Electrical Intensity of Care:	Intermediate care
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Patient bed (height-adjustable)	1
Hand hygiene sink (wall-hung)	1
Table (over-bed)	1
Table (bedside)	1
Lounge chair (recliner or fold-out bed)	1
Side chair	1
Clothing wardrobe	1
Digital display monitor (wall-mounted)	1
Headwall	1
Shelf (for display of patient items)	1
Hand hygiene dispenser (waterless)	1
Paper tower dispenser	1
Trash bin	1
Linen hamper	1
Supply Cart	1
Clock (wall-mounted)	1

Room Data Sheet

PHM-1

Room Name: **Receiving and Breakout Room** Typical NSM: **12.0**

Function: Decasing, inspection, scanning, and reconciliation of incoming drugs and pharmacy supply shipments with purchase orders.

Adjacency: Adjacent to inventory storage room.

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	3.0 m
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Computer	1
Printer	1
Label maker/printer	1
Desk chair	1
Metal cart	1
Recycling bin	1
Waste bin	1
Paper towel dispenser	1

Room Data Sheet

PHM-2

Room Name: Inventory Storage Room **Typical NSM:** 22.0

Function: Storage of drugs and packaging materials.

Adjacency: Direct access to the receiving and breakout room and central production area.

Special Design Features: Design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; should be structurally capable of supporting high-density shelving. Emergency power required.

Room Features:	
General:	
Typical Occupancy:	1 -2 persons
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	5.0
Refrigerator	2
Double-door refrigerator/freezer	2
Waste bin	1
Linear meters of high-density shelving	60
Fixed Shelving (3' wide, 5 shelves high)	10

Room Data Sheet

PHM-3

Room Name: **Narcotics Vault** **Typical NSM:** **10.0**

Function: Secure room (alarmed) with shelving for drug storage.

Adjacency: Directly accessible from the Inventory storage room.

Special Design Features: Design must comply with all requirements for the handling and storage of narcotics and controlled substances addressed in federal regulations, professional standards for pharmacies, and occupational health and safety regulations.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular shelving	tbd
Small refrigerator with monitoring	1

Room Data Sheet

PHM-4

Room Name: **Central Production Area** Typical NSM: **72.0**

Function: Unit-dose preparation, cart stocking, and storage of active stock.

Adjacency: Inventory storage room; night cupboard; sterile compounding area (anteroom); office/drug information; housekeeping room; staff washroom.

Special Design Features: Design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	12.0
Hand hygiene sink (wall-hung)	2
Eye wash station	1
Computer	4
Printer	2
Label maker/printer	2
Double-door refrigerator/freezer	2
Microwave	1
Metal carts	2
Unit-dose packaging equipment	tbd
Blister packaging equipment	tbd
Chair (counter-height)	4
Waste basket	4
Paper towel dispenser	2
Hand hygiene dispenser (waterless)	4
Pharmacy workstation	12
Board room table and chairs	tbd

Room Data Sheet

PHM-5

Room Name: **Entry Vestibule** Typical NSM: **10.0**

Function: Entry vestibule for the sterile compounding/preparation area where pharmacy staff will scrub and gown prior to entering the sterile and chemotherapy prep anterooms.

Adjacency: Central Production Area with direct access to the Sterile Prep Anteroom and Chemotherapy Prep Anteroom.

Special Design Features: Windows between the Entry Vestibule and the Sterile Prep Anteroom and Chemotherapy Prep Anteroom as well as to the Central Production area; design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; bench-height electrical receptacles. Security camera coverage required to entrance of pharmacy and narcotics vault

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Partition glass required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Hand hygiene sink (wall-hung)	1
Eye wash station	1
Emergency shower	1
Storage cart (gowning supplies)	1
Soiled linen hamper	1
Special waste disposal container	1
Paper towel dispenser	1
Wall-mounted PPE holder	1

Room Data Sheet

PHM-6

Room Name: Sterile Prep Anteroom **Typical NSM:** 10.0

Function: Anteroom to the Sterile Preparation Room.

Adjacency: Entry Vestibule for the sterile compounding/preparation area and Sterile Preparation Room.

Special Design Features: Windows between the Entry Vestibule and the Sterile Preparation Room; refrigerator pass-through to the Sterile Preparation Room; design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Partition glass required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	1.5
Hand hygiene sink	1
Eye wash station	1
Computer	1
Waste basket	1
Paper towel dispenser	1
Shelving	1
Chair (counter-height)	1
Wall-mounted PPE holder	1
Refrigerator	1

Room Data Sheet

PHM-7

Room Name: **Sterile Preparation Room** Typical NSM: **10.0**

Function: Preparation of sterile infusions, total parenteral nutrition (TPN), and other special intravenous (IV) solutions.

Adjacency: Access via the Sterile Prep Anteroom.

Special Design Features: Window to the Sterile Prep Anteroom; refrigerated pass-through to Sterile Prep Anteroom; design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Partition glass required
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Laminar flow hood/workstation	1
Compounding equipment	tbd
Chair (counter-height)	1
Special waste disposal container	1
Metal utility cart	1
Linear metres of counter	5.0
Utility sink	1
Wall mounted PPE holder	1
Refrigerator	1

Room Data Sheet

PHM-8

Room Name: Chemotherapy Prep Anteroom **Typical NSM:** 10.0

Function: Anteroom for the Chemotherapy Preparation Room.

Adjacency: Entry Vestibule for the sterile compounding/preparation area and Chemotherapy Preparation Room.

Special Design Features: Windows between the Entry Vestibule and the Chemotherapy Preparation Room; refrigerated pass-through to Chemotherapy Preparation Room; design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Partition glass required
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	1.5
Hand hygiene sink	1
Eye wash station	1
Computer	1
Refrigerator	1
Paper towel dispenser	1
Shelving	1
Chair (counter-height)	1
Waste basket	1
Wall mounted PPE holder	1
Workstation	1
Refrigerator	1

Room Data Sheet

PHM-9

Room Name: Chemotherapy Preparation Room **Typical NSM:** 10.0

Function: Preparation of chemotherapy infusions.

Adjacency: Access via the Chemotherapy Prep Anteroom.

Special Design Features: Window to the Chemotherapy Prep Anteroom; refrigerated pass-through to Chemotherapy Prep Anteroom; design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations; bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Partition glass required
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Biohazard hood/workstation	1
Chair (counter-height)	1
Special waste disposal container	1
Metal utility cart	1
Linear metres of counter	1.5
Utility sink	1
cart	1

Room Data Sheet

PHM-10

Room Name: Night Cupboard **Typical NSM:** 10.0

Function: Storage of patient medications to be accessed after hours when they are not available in a specific patient care area.

Adjacency: Central Production Area. Central to all departments, and in close proximity to the Medical Inpatient Unit.

Special Design Features: Design must comply with federal regulations, professional standards for pharmacies, and occupational health and safety regulations. Emergency power required

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Evening/night shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Decontaminable
Walls:	Decontaminable
Ceiling:	Decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Pyxis machine	1
Pyxis Auxiliary tower	1
Refrigerator	2
Medication dispensing unit	1

Room Data Sheet

OSS-1

Room Name: Volunteer Lounge **Typical NSM:** 15.8

Function: Lounge-type seating for four volunteers with check-in workstation, coat rack/boot storage, and 10 stacked, full-width lockers.

Adjacency: Volunteer office.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	4 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard; carpeting preferred
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	1.0 m
Lounge chair	4
Computer	1
Printer	1
Desk chair	4
Waste basket	1
Lockers (full-width and height)	10
Coat rack	1
Boot storage rack	1
Table	1
Desk	4

Room Data Sheet

OSS-2

Room Name: Female Staff Lockers/Changing Room **Typical NSM:** 143.5

Function: Area for female staff to change their clothing at the beginning/end of their shifts.

Adjacency: Contiguous with female staff washroom/shower; easily accessible from staff work areas.

Special Design Features: Entry vestibule, coat rack/boot storage, five changing cubicles (with curtain), and 160 full-width lockers.

Room Features:	
General:	
Typical Occupancy:	30 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Lockers (full-width and height)	190
Bench	4
Mirror (full-length)	1
Waste bin	1
Coat rack	1
Boot tray	1
Privacy Curtain	5

Room Data Sheet

OSS-3

Room Name: **Male Staff Lockers/Changing Room** Typical NSM: **55.3**

Function: Area for male staff to change their clothing at the beginning/end of their shifts.

Adjacency: Contiguous with male staff washroom/shower; easily accessible from staff work areas.

Special Design Features: Entry vestibule, coat rack/boot storage, two changing cubicles (with curtain), and 70 full-width lockers.

Room Features:	
General:	
Typical Occupancy:	15 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Lockers (full-width and height)	100
Bench	2
Mirror (full-length)	1
Waste bin	1
Coat rack	1
Boot tray	1
Privacy Curtain	2

Room Data Sheet

OSS-4

Room Name: Female Staff Washroom/Shower (OSS-4) **Typical NSM:** 15.1

Function: Washroom/shower facilities for female staff.

Adjacency: Easily accessible from staff work areas.

Special Design Features: Includes entry vestibule, three handwashing sinks, two toilet stalls (standard), one toilet staff (wheelchair accessible), and a stall shower.

Room Features:	
General:	
Typical Occupancy:	4-6 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Sink (wall-hung)	3
Toilet	3
Shower	3
Paper towel dispenser	1
Mirror	1
Waste bin	1
Privacy Curtain	1

Room Data Sheet

OSS-5

Room Name: Male Staff Washroom/Shower **Typical NSM:** 13.2

Function: Washroom/shower facilities for male staff.

Adjacency: Easily accessible from staff work areas.

Special Design Features: Includes entry vestibule, two handwashing sinks, two urinals, one toilet stall (wheelchair accessible), and a stall shower.

Room Features:	
General:	
Typical Occupancy:	3-5 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Sink (wall-hung)	2
Toilet	1
Shower	2
Urinal	2
Mirror	1
Waste bin	1
Paper towel dispenser	1
Privacy Curtain	1

Room Data Sheet

OSS-6

Room Name: **Health Records General Work Area** Typical NSM: **100.0**

Function: Used for storage of active patient records and workstations to prepare, sort and file patient records. Includes reception area, nine clerical workstations and active file storage

Adjacency: Quick access to hospital back-of-house circulation corridor and elevator for timely access to health records.

Special Design Features: Provision shall be made for securing health records. Floor loading for mobile and fixed shelving to be considered.

t

Room Features:	
General:	
Typical Occupancy:	10-11 persons
Occupancy Intensity:	Routinely Occupied
Utilization:	Building Hours
Access:	Standard
Windows:	Desirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Fixed Shelving	tbd
Linear meter of high-density Mobile shelving	610
Chart carts	tbd
Workstations	10
Waste Basket	10
Photocopier	1
Recycling Bin	1
Transaction top service counter	1
Shuttered Transaction Window	
File Cabinet	10
Chair	10
Computer	10
Printer	5
Telephone	10
Pamphlet holder	5

Room Data Sheet

OSS-7

Room Name: **Physician Office/ Records Room** Typical NSM: **12.0**

Function: Used for physicians to dictate reports and filing of incomplete charts and hospitalist test results; space will not be required upon full electronic conversion

Adjacency: Grouped with Health Records General Work Area, removed from patient activity areas. Requires access from primary circulation, as well as from the health records work area

Special Design Features: Enhanced sound attenuation required; bench-height electrical receptacles. Dictation booths with incomplete chart pigeon holes above. Requires 2 doors, one accessible from corridor, and one from Records Work Area (OSS-7).

Room Features:	
General:	
Typical Occupancy:	2-3 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	24-7
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0m
Computer/PACS viewing station	1
Dictation equipment	2
Modular Workstation	2
Desk chair	1
Waste basket	2
Recycling Bin	1

Room Data Sheet

OSS-8

Room Name: **Computer Laboratory** **Typical NSM:** **24.0**

Function: Computer laboratory with 8-12 computer workstations arranged classroom style

Adjacency: Grouped with other Staff Education and Development functions

Special Design Features: Telehealth and video conference capability and adjustable lighting to allow room darkening for presentations and adjustable blinds if windows are provided. Window with privacy blinds into Staff Education office for proctoring/supervision of exams.

Room Features:	
General:	
Typical Occupancy:	8-12 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Building hours
Access:	Wheelchair
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard; carpeting preferred
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Desks	8-12
Desk chairs	8-12
Metal cart	1
Telehealth/audio-visual equipment	1
Digital monitor (wall-mounted)	1
White board (wall-mounted)	1
Waste basket	1
Bookshelves	1
Waterless hand hygiene dispenser	1
Recycling bin	1

Room Data Sheet

OSS-9

Room Name: **Physician Sleep Room** **Typical NSM:** **9.3**

Function: Single-bed/cot accommodation for on-call physicians. Room with contiguous washroom and shower; see WRB-1 for physician washroom/shower details.

Adjacency: Quiet area, removed from areas of patient activity.

Special Design Features: Sound attenuation to be provided

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Wheelchair
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	N/A
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Bed/cot	1
Hand hygiene sink (wall-hung)	1
Desk	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Side chair	1
Clothing wardrobe	1
Television	1
Computer	1
Trash bin	1
Linen hamper	1
Clothing hook	1
Clock (wall-mounted)	1

Room Data Sheet

FSS-1

Room Name: Office/Mail Room **Typical NSM:** 9.5

Function: Workstation for the supervisor with alcove for mail holding.

Adjacency: Clean and Soiled Cart Staging Areas.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied.
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	1.0
Telephone	1
Computer	1
Desk Chair	1
Mail box rack (wall-mounted)	1
Waste basket	1
Postage machine	1
Fax machine	1
Workstation	1

Room Data Sheet

FSS-2

Room Name: Biomedical Engineering Satellite **Typical NSM:** 18.0-26.0

Function: Office/workstation for bioengineering in the main hospital facility. Location in proximity to Renal unit to include storage of spare dialysis machine. Location in proximity to surgical suite to include servicing for anesthesia machine

Adjacency: Convenient access to Renal Unit and/or Surgical Suite. If includes storage of spare dialysis machine, requires proximity to RO water loop.

Special Design Features: Bench-height electrical receptacles. More than average quantity of receptacles requires. May include storage for spare dialysis machine (RO water supply required to dialysis machine). 20A dedicated service required for dialysis.

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely occupied.
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0
Metal shelving unit	1
Computer	1
Bench height chairs	4
Printer	1
Waste basket	1
Utility sink	1
Spare dialysis machine (renal location)	1
Workstation	1

Room Data Sheet

FSS-3

Room Name: Medical Supply Storage Room **Typical NSM:** 15.0

Function: Storage of back-up clean supplies and linen.

Adjacency: Clean Cart Staging Area with access to hospital circulation corridor and elevator.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	24-7
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Metal carts/shelving	tbd

Room Data Sheet

FSS-6

Room Name: **Trash Alcove** Typical NSM: **2.8**

Function: Temporary holding of containers/packaging to be recycled or discarded.

Adjacency: Staging/Breakout Area.

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Waste bin	1
Recycling bin	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

FSS-7

Room Name: Equipment/Cart Washing Room **Typical NSM:** 7.5

Function: Washing/cleaning mobile equipment and carts.

Adjacency: Contiguous with Work Area and Equipment Storage.

Special Design Features: Floor-level utility sink with hose and spray nozzle.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Utility sink (floor-level)	1
Metal Utility cart	1
Trash bin/container	1
Recycling bin/container	1

Room Data Sheet

FSS-8

Room Name: **Workshop Area** Typical NSM: **18.0**

Function: Workshop space for Property and Program Services.

Adjacency: Storage Room.

Special Design Features: Bench-height electrical receptacles.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Routinely occupied.
Utilization:	Day shift
Access:	Wheelchair/stretchers
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	4.0
Metal shelving unit	1
Computer	1
Desk Chair	1
Recycling bin	1
Trash bin	1
Hand hygiene sink (wall-hung)	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Metal shelving unit	tbd
Workstation	1

Room Data Sheet

FSS-9

Room Name: **Staging/ Breakout Area** **Typical NSM:** **18.0**

Function: Receiving, break-down and inspection of shipments; temporary accumulation of incoming goods until delivery to unit or storage

Adjacency: Adjacent to loading dock and soiled/clean cart staging with ease of access to back-of-house hospital circulation corridor and elevator.

Special Design Features: Heated air curtain at receiving doors; access control system

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Workstation	1
Sink	1
Bin	1
Chair	1
Paper Towel	1

Room Data Sheet

FSS-10

Room Name: **Medical Gas Storage** Typical NSM: 18.5

Function: Storage of compressed gas cylinders.

Adjacency: Adjacent to loading dock and back-of-house building circulation

Special Design Features: Room required to be secured; properly ventilated.

Room Features:	
General:	
Typical Occupancy:	Unoccupied
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Cylinder storage racks	tdb

Room Data Sheet

MDR-1

Room Name: **Soiled Dumbwaiter** Typical NSM: **3.0**

Function: Carrier system to transport soiled instruments and supplies requiring sterile processing between the surgical suite and Medical device reprocessing suite

Adjacency: Immediately accessible from surgical suite and MDR suite

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	N/A
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Soiled dumbwaiter	1

Room Data Sheet

MDR-2

Room Name: **Receiving/Case Cart Holding** Typical NSM: **9.0**

Function: Staging space for nine soiled case carts.

Adjacency: Near soiled dumbwaiter

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Waterless Hand Hygiene dispenser	1
Glove Dispenser	1
Wall mounted PPE holder	1

Room Data Sheet

MDR-3

Room Name: Decontamination Work Area/ Equipment Processing **Typical NSM:** 70.0

Function: Receiving of soiled items and case carts, fort sorting and preparing items for cleaning and decontamination. Includes Work area (54.0 NSM) for gross cleaning and ultrasonic cleaner and Equipment Processing area (16.0 NSM) got sorting and loading of the washer/disinfectors

Adjacency: Contiguous (with pass through) to the scope decontamination room.

Special Design Features: Bench-height electric receptacles; air gun and water gun required; direction communication to OR required; additional direction to be provided by the medical device reprocessing consultant)

Room Features:	
General:	
Typical Occupancy:	3-4 persons
Occupancy Intensity:	Routinely Occupied
Utilization:	Building Hours
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	5.0
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Metal supply cart	2
Waste bin	1
Paper towel dispenser	1
Metal shelving	tbd
Utility sinks	2
Single chamber washer disinfector	3
Ultrasonic Cleaner	1
Fume Hood	tbd
Linen hamper	1
Sorting table	tbd
Air gun	tbd
Water gun	tbd
Scope Channel Flusher	2
Ultrasound probe soaking station	2
Wall mounted PPE holder	1
Glove Dispenser	1

Room Data Sheet

MDR-4

Room Name: Cart Wash area **Typical NSM:** 26.0

Function: Used for washing and drying of carts

Adjacency: Near soiled dumbwaiter

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1-2 persons
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Cart Wash disinfectant	1
Equipment cleaning hose	1
Electric steam generator	1

Room Data Sheet

MDR-5

Room Name: Backup Manual Cart Wash **Typical NSM:** 5.0

Function: Backup manual cart wash, to be used in the event of the automatic cart washer malfunctions

Adjacency: Near soiled dumbwaiter and cart wash area

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Equipment cleaning hose	1

Room Data Sheet

MDR-6

Room Name: Chemical Storage **Typical NSM:** 9.0

Function: Storage and pumping of chemical supplies used by medical device reprocessing

Adjacency: Convenient access from Medical Device reprocessing suite

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Wheelchair/Stretcher
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Metal carts/shelving	tbd
Hand hygiene dispenser (waterless)	1
Chemical pumping	1
Eye washing station	1

Room Data Sheet

MDR-7

Room Name: Sterile Processing Room **Typical NSM:** 20.0

Function: Scopes sterilization.

Adjacency: Located between the decontamination and sterile areas (with pass-throughs)

Special Design Features: Bench-height electric receptacles; additional direction to be provided by the medical device reprocessing consultant)

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	Oxygen/suction/air
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	3.0 m
Hand hygiene sink (wall-hung)	1
Scope washer disinfectant	3
Metal supply cart	2
Waste bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1

Room Data Sheet

MDR-8

Room Name: Preparation/Packing/Sterilization Work Area **Typical NSM:** 90.0

Function: To clean items removed from washers, dried, sorted and assembled to be ready for sterilization. Includes Low temperature sterilization area (10.0 NSM)

Adjacency: Located with pass-throughs to decontamination area

Special Design Features: Bench-height electric receptacles; additional direction to be provided by the medical device reprocessing consultant)

Room Features:	
General:	
Typical Occupancy:	4-6 persons
Occupancy Intensity:	Routinely Occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	5.0
Hand hygiene sink (wall-hung)	1
Waste bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Mobile Shelving	tbd
Sterilizer loading carts	tbd
Preparation/packing workstations	4
Linen hamper	1
Low temperature gas sterilizers	2
Sterile Drying cabinet	1
Heat Sealer	2

Room Data Sheet

MDR-9

Room Name: Clean Equipment Area **Typical NSM:** 27.0

Function: To store/hold clean supplies and equipment for use by medical device reprocessing

Adjacency: Open to Preparation/Packing/Sterilization work area

Special Design Features: Bench-height electric receptacles; additional direction to be provided by the medical device reprocessing consultant)

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	5.0
Hand hygiene sink (wall-hung)	1
Waste bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
Mobile Shelving	tbd
Various medical equipment	tbd

Room Data Sheet

MDR-10

Room Name: Steam sterilizers **Typical NSM:** 32.0

Function: Steam sterilizers with maintenance access off external corridor

Adjacency: Immediately accessible from Preparation/Packing/Sterilization work area

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	N/A
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Steam Sterilizer (medium)	2
Steam Sterilizer (small)	1

Room Data Sheet

MDR-11

Room Name: Manual Pass through **Typical NSM:** 3.0

Function: To allow pass through of supplies and instruments between decontamination and sterile.

Adjacency: N/A

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	N/A
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Manual pass through	1

Room Name: Clean Dumbwaiter

Typical NSM: 3.0

Function: Carrier system to transport clean instruments and supplies requiring sterile processing between the surgical suite and Medical device reprocessing suite

Adjacency: Immediately accessible from surgical suite and MDR suite

Special Design Features: None identified

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Building Hours
Access:	N/A
Windows:	Undesirable
Communications and Security:	
Telephone:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Clean dumbwaiter	1

Room Data Sheet

MDR-14

Room Name: Sterile Stores **Typical NSM:** 132.0

Function: To store/hold clean supplies and equipment for use by medical device reprocessing

Adjacency: Open to Preparation/Packing/Sterilization work area

Special Design Features: Bench-height electric receptacles; additional direction to be provided by the medical device reprocessing consultant)

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Modular, wall-hung casework	---
Linear metres of counter	5.0
Hand hygiene sink (wall-hung)	1
Waste bin	1
Paper towel dispenser	1
Hand hygiene dispenser (waterless)	1
High Density Shelving	tbd

Room Data Sheet

MDR-15

Room Name: Water Treatment Room (MDR) **Typical NSM:** 20.0

Function: RO water treatment machine room that provides RO water for Medical Device processing

Adjacency: The layout shall minimize the length of the RO water loop. Accessed from external corridor

Special Design Features: Dedicated water source; special electrical service for RO machinery

Room Features:	
General:	
Typical Occupancy:	1 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Floor Drain:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Modular, wall-hung casework	---
Linear metres of counter	2.0m
Metal shelving unit	1
Computer	1
Hand hygiene sink (wall-hung)	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Bench height chairs	1
Printer	1
Trash bin	1
RO unit	1
Glove Dispenser	1
Wall mounted PPE holder	1

Room Data Sheet

MDR-16

Room Name: MDR Changing Room **Typical NSM:** varies

Function: Area for staff to change, and to gown/de-gown at the beginning/end of their shifts. Minimum for 6 stacked, full-width purse/tote bag lockers for staff.

Adjacency: Clean change rooms contiguous with Clean area of MDR Processes. Soiled change rooms contiguous with soiled area of MDR Processes.

Special Design Features: None.

Room Features:	
General:	
Typical Occupancy:	15 persons
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Negative (soiled side) Positive (clean side)
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Impervious/decontaminable
Walls:	Impervious/decontaminable
Ceiling:	Impervious/decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Lockers (full-width and half-height)	6
Bench	1
Mirror (full-length)	1
Waste bin	1
Coat rack	1
PPE Storage	1

5.0 Unique Service – Shared Services Building

Clinical Specification for the Stanton Territorial Hospital Renewal Project

Room Code	Room/Area (Shared Services Building)	Page Number
SSF-1	Mail Room	5-1
SSF-4	Warehouse Storage	5-4
SSF-5	Clean & Sterile Supply	5-5
SSF-6	Staging Area	5-6
SSF-8	Workroom	5-8
SSF-9	Benchspace for Computer/Information Services	5-9
SSF-10	Benchspace for Biomedical Engineering	5-10
SSF-11	Record Storage	5-11

Room Data Sheet

SSF-1

Room Name: **Mail Room** Typical NSM: **15.0**

Function: To sort, distribute and dispatch courier mail

Adjacency: Adjacent to the Staff Entrance and Material management department

Special Design Features: None identified.

Room Features:	
General:	
Typical Occupancy:	1-2 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Standard
Walls:	Standard
Ceiling:	Standard

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Metal shelving	3
Workstation	1
Task Chair	1
Waste bin	1
Linear meters of counter	1.0m
Mail slots	1
Distribution carts	tbd
Recycling Bin	1

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Room Data Sheet

SSF-4

Room Name: Warehouse Storage Typical NSM: 200.0

Function: Open area for storage of equipment and supplies

Adjacency: Ease of access to loading dock

Special Design Features: High ceiling for storage racks

Room Features:	
General:	
Typical Occupancy:	1-6 person
Occupancy Intensity:	Occasionally occupied
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
Item/Description	Quantity
Linear meters of Racks	60 m
Workstation	2
Forklift	2
Charging Station	1
Waste bin	2
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Task Chair	2
Computer	2
Wood Pallet	2
Hand Carts	1

Room Data Sheet

SSF-5

Room Name: Clean & Sterile Supply **Typical NSM:** 150.0

Function: Used for storage of sterile supplies

Adjacency: Adjacent to Warehouse storage

Special Design Features: High ceiling for storage racks

Room Features:	
General:	
Typical Occupancy:	1-2 person
Occupancy Intensity:	Intermittent
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Impervious; decontaminable
Walls:	Impervious; decontaminable
Ceiling:	Impervious; decontaminable

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Linear meters of Racks	50 m
Supply cart	1
Securable narcotics cabinet	1
Waste bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Hand Trucks	1

Room Data Sheet

SSF-6

Room Name: Staging Area **Typical NSM:** 30.0

Function: Area for loading and unloading of delivery trucks

Adjacency: Adjacent to Warehouse

Special Design Features: Minimum 2 loading bays per staging area, with pit style dock levelers and one loading bay at grade. Man door access, with ramp and stair.

Room Features:	
General:	
Typical Occupancy:	1-4 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Positive
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Metal carts/shelving	tbd

Room Data Sheet

SSF-8

Room Name: **Workroom** **Typical NSM:** 15.0

Function: Workroom for materials management to work on equipment. Includes shelving for equipment, manuals, binders and miscellaneous tools

Adjacency: Adjacent to Warehouse

Special Design Features: Bench-height electric receptacles

Room Features:	
General:	
Typical Occupancy:	1-3 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Metal carts/shelving	tbd
Adjustable stool	3
Linear meters of counter	3.0
Waste bin	1
Computer workstation	1

Room Data Sheet

SSF-9

Room Name: **Benchspace for Computer/Information Services** **Typical NSM:** **18.5**

Function: Workroom for Computer/Information Services analysts for servicing equipment. Includes shelving for equipment, manuals and binders

Adjacency: Adjacent to the IT department workstation

Special Design Features: Bench height electrical receptacles required

Room Features:	
General:	
Typical Occupancy:	1-3 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Metal carts/shelving	tbd
Work Bench 6m length	1
Adjustable stool	3
Waste bin	1
Computer	3
Printer	3

Room Data Sheet

SSF-10

Room Name: **Benchspace for Biomedical Engineering** **Typical NSM:** **20**

Function: Workroom for Biomedical Engineering for servicing equipment. Includes shelving for equipment, manuals and binders

Adjacency: Adjacent to the Biomed department workstation and bench works

Special Design Features: Bench-height electric receptacles. Additional receptacles required

Room Features:	
General:	
Typical Occupancy:	1-3 person
Occupancy Intensity:	Intermittent
Utilization:	Building hours
Access:	Wheelchair
Windows:	Undesirable
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input type="checkbox"/> II <input checked="" type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Metal carts/shelving	tbd
Work Bench 9m length	1
Adjustable Stool	5
Waste bin	2
Computer	3
Printer	1
Utility Sink	1
Hand hygiene dispenser (waterless)	1
Paper Towel Dispenser	1

Room Data Sheet

SSF-11

Room Name: Health Records **Typical NSM:** 195.0

Function: Storage of inactive patient health records

Adjacency: Adjacent to the Warehouse

Special Design Features: High ceiling for storage racks

Room Features:	
General:	
Typical Occupancy:	1-2 person
Occupancy Intensity:	Occasionally occupies
Utilization:	Day shift
Access:	Standard
Windows:	Unnecessary
Communications and Security:	
Telephone:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Call:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Intercom:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wireless:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CCTV:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Security Lock:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mechanical:	
HVAC Area Classification:	<input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III
Relative Pressurization:	Equal
Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specialized Plumbing:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Floor Drain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Medical Gases:	None
Electrical:	
Electrical Intensity of Care:	n/a
Specialized Electrical:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Finishes:	
Floor:	Industrial
Walls:	Industrial
Ceiling:	Industrial

Furniture, Fixtures, and Equipment:	
<u>Item/Description</u>	<u>Quantity</u>
Linear meters of Racks	55 m
Workstation	1
Scissor Lift	1
Computer	1
Waste bin	1
Hand hygiene dispenser (waterless)	1
Paper towel dispenser	1
Task Chair	1

**APPENDIX 3A
ATTACHMENT 2 -SCHEDULE OF ACCOMODATIONS**

Section	Room/Area	Factor	CNSM	CGSM	Notes
1.0 MAIN ENTRANCE/CUSTOMER SERVICES					
1.01	Main Entrance/Lobby	1.30	104.8	136.2	
1.02	Customer Service Centre	1.30	116.1	150.9	<i>updated 6/2/2014</i>
1.03	Auxiliary Tuck Shop	1.30	23.9	31.1	
1.04	Chapel/Meditation Room	1.30	36.0	46.8	
Total (Main Ent./Customer Services)		1.30	280.8	365.0	<i>updated 6/2/2014</i>
2.0 DIAGNOSTIC SERVICES					
2.01	Outpatient Intake Area	1.50	60.2	90.3	
2.02	Diagnostic Imaging Suite	1.50	299.1	448.7	<i>updated 6/2/2014</i>
2.03	Cardiopulmonary/Ultrasound Suite	1.50	144.9	217.4	<i>updated 6/2/2014</i>
2.04	Outpatient Specimen Collection Suite	1.50	46.8	70.2	
2.05	Shared Support Space	1.50	123.7	185.6	
2.06	Laboratory	1.35	300.0	405.0	
2.07	Morgue	1.35	64.0	86.4	<i>updated 01/12/2014</i>
Total (Diagnostic Services)		1.45	1038.7	1503.5	<i>updated 6/2/2014</i>
2.08	Magnetic Resonance Imaging	1.50	99.1	96.0	<i>MRI included as an allowance for future expansion. CGSM for MRI is not included in the total for Diagnostic Services, nor in the grand total summary.</i>
3.0 AMBULATORY CARE CENTRE					
3.01	Ambulatory Care Check-In	1.46	111.0	162.1	<i>formula corrected updated 6/2/2014 and updated 31/10/2014</i>
3.02	Exam/Treatment Spaces	1.46	345.7	504.7	
3.03	Collaborative Workspaces	1.46	351.7	513.5	
3.04	Shared Clinical Support Space	1.50	108.7	163.1	
3.05	Medical Day Care Unit	1.50	125.5	188.3	
3.06	Renal Care Unit	1.46	227.6	332.3	<i>updated 6/2/2014 and 11/12/2014</i>
3.07	Shared Support Space	1.46	68.1	99.4	<i>updated 6/2/2014 , 31/10 and 11/12/2014</i>
Total (Ambulatory Care)		1.47	1338.3	1963.3	
4.0 SURGERY AND DAY PROCEDURES					
4.01	Surgery Suite	1.60	487.3	779.7	
4.02	Day Procedure Unit	1.55	431.9	669.4	<i>updated 6/2/2014</i>
Total (Surgery & Special Procedures)		1.58	919.2	1449.1	<i>updated 6/2/2014</i>

**APPENDIX 3A
ATTACHMENT 2 -SCHEDULE OF ACCOMODATIONS**

5.0 OUTPATIENT REHABILITATION CENTRE	1.40	889.9	1245.9
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*Re-located off-site in leased space.
updated 6/2/2014*

6.0 CRITICAL CARE			
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6.01	Outpatient Triage Area	1.60	228.0	364.8
6.02	Minor Treatment Area	1.60	90.3	144.5
6.03	Acute Treatment Area	1.60	301.4	482.2
6.04	Intensive Care Unit	1.55	285.5	442.6
6.05	Shared Staff Support Space	1.55	60.4	93.6
Total (Critical Care)		1.58	965.6	1527.7

*updated 6/2/2014
updated 6/2/2014
updated updated 6/2/2014 and 11/12/2014
updated updated 6/2/2014 and 31/10/2014 and 11/12/2014
updated 6/2/2014
updated updated 6/2/2014 and 31/10/2014 and 11/12/2014*

7.0 INPATIENT SERVICES			
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7.01	Medical Unit	1.55	1129.4	1750.6
7.02	Surgical Unit	1.55	1129.4	1750.6
7.03	General Psychiatry Unit	1.55	980.5	1519.8
7.04	PICU removed	1.55	0.0	0.0
7.05	Obstetrics Unit	1.55	628.7	974.5
7.06	Pediatric Unit	1.55	387.8	601.1
Total (Inpatient Services)		1.55	4255.8	6596.5

*updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014
updated 6/2/2014 and 11/12/2014*

8.0 PHARMACY	1.30	254.4	330.7
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**APPENDIX 3A
ATTACHMENT 2 -SCHEDULE OF ACCOMODATIONS**

9.0 OPERATIONAL SUPPORT SERVICES					
9.01	Executive Office Suite	1.30	209.0	271.7	<i>updated 01/12/2014</i>
9.02	Patient Care Admin. Support	1.30	91.7	119.2	<i>updated 6/2/2015</i>
9.03	Medical Affairs	1.30	30.9	40.2	<i>updated 6/2/2015</i>
9.05	Booking Office	1.30	14.8	19.2	
9.06	Health Records	1.30	156.6	203.6	<i>updated 6/2/2015</i>
9.08	Information/Computer Services	1.30	60.5	78.7	
9.09	Volunteers	1.30	25.1	32.6	
9.10	Other Staff Support Space	1.30	452.5	588.3	<i>updated 6/2/2015</i>
Subtotal (Hospital Based)		1.30	1041.1	1353.4	<i>updated 6/2/2015</i>
9.04	Medical Travel Office	1.30	--	---	<i>Located off-site in leased space.</i>
9.07	Transcriptionist	1.30	36.2	47.1	<i>Re-located off-site in leased space.</i>
9.11	Financial Services	1.30	--	---	<i>Located off-site in leased space.</i>
Total (Operational Support)		1.30	1041.1	1353.4	<i>updated 6/2/2015</i>
10.0 FACILITY SUPPORT SERVICES					
10.1	Supply Receiving and Staging	1.25	162.6	203.25	
10.2	Housekeeping	1.25	43.3	54.13	
10.3	Facility Maintenance & Operations	1.25	92.8	116.00	<i>updated 6/3/2015</i>
10.4	Property and Program Services	1.30	179.2	232.96	<i>updated 6/3/2015</i>
10.5	Food Service	1.25	578.0	722.50	
10.6	Medical Device Reprocessing	1.25	532.6	665.75	
Subtotal (Hospital-Based)		1.25	1588.5	1990.6	
10.7	Support Services Building	1.25	1083.7	1354.6	<i>updated 11/2/2014 and 6/2/2015</i>
Total		1.25	2672.2	3345.2	<i>updated 6/2/2015</i>
Grand Total (All Components)			13656.0	19680.4	<i>updated 6/2/2015 and 01/12/2014 and 11/12/2014</i>

APPENDIX 3B

WAYFINDING GUIDELINES

1. OVERVIEW

Stanton Territorial Hospital welcomes patients, family members, and visitors from all of the Northwest Territories and Kitikmeot Region of Nunavut, as well as visiting staff and students. Making the facility easy to navigate is an integral part of creating a positive and welcoming experience that promotes a healing environment.

With 11 official languages recognized by Government of the Northwest Territories and the Stanton Territorial Hospital Authority, and a requirement of the use of syllabics in some communications, a wayfinding design solution that includes the development of a series of common architectural and graphic elements will be important in creating clear and consistent wayfinding elements.

2. WAYFINDING REQUIREMENTS

2.1 HIERARCHY OF ELEMENTS

The wayfinding design solution shall be developed with a hierarchy of elements that help users navigate from arrival on-site, through parking and pathways, through entries into the facility, through the facility, eventually leading to their final destination or room.

- Considerations of where wayfinding must be supplemented by staff at major decision making locations, such as lobby and reception areas shall be indicated in a Wayfinding Plan.
- Exterior Architecture shall help orient and identify entrances & exits, parking, and paths of travel, and these items should be enhanced by exterior signage that is designed to suit the elevation concept and materials of the building.
- Creation of important points of interest and the use of consistent visual cues will better help visitors navigate their way.
- Signage can also become an integral part of the architecture and culture of the facility through appropriate selection of materials, colors, images, and mounting type. Directional features may incorporate design elements of landscape, culture, history, community, perceptions, artifacts, artwork or other elements to help express facility identity.

2.2 KEY ELEMENTS OF WAYFINDING

Specific Areas requiring the application of wayfinding are:

- **Hospital Directories** – these are required at all entrances, major corridor junctions and elevator lobbies. For the main hospital lobby, digital interactive kiosk signage systems are becoming highly desirable when there is a lot of information to convey, and can include, but are not limited to features such as building maps, department maps, point-to-point directions, area maps, event location mapping, built-in ADA controls, mobile device integration, color coding map capabilities, icon systems for common areas like stair and exits. Interactive digital kiosks help reduce signage clutter from hospital walls and waiting areas, and provide concise information to many different users.
- **Points of Arrival and Floor Directories** –these help assist new patients and visitors and are usually at all elevator lobbies or major hubs where decisions of direction are made. Specific departmental identities should be created as part of the Wayfinding Plan, a successful example of this is using imagery of art or local scenery to designate patient care departments.
- **Room Signage** – Room signage can often require regular changes to properly convey up-to-date information. These signs must have adaptable capabilities, and allow for controlling patient privacy. Adaptable elements may be as simple as pocket inserts for specific information such as the name of occupant, or may be more complex with tabs to alert staff or visitors of patient information conditions. Room signage for service/utility rooms may be a more generic, non-descript, and less evident than general room signage. Small door tag signage is also required on all door frames.
- **Feature Areas** – at various locations throughout the hospital, there must be focus on key areas to provide dedicatory canvases or donor recognitions, which may be instrumental to the facility development and growth. These may include signage locations for the reception desk or for the foundation kiosk.

2.3 SIGNAGE

Considerations in the design of signage shall be made regarding:

- Durability requirements of materials to withstand daily hospital facility cleaning regimes and potential vandalism in areas that are not under constant supervision.
- Accessibility requirements of character size, style and readability, color and contrast.
- Relationship with the building's environment and interior finishes.
- Requirements for illuminated signage.

2.4 LANGUAGE REQUIREMENTS

The Government of the Northwest Territories Official Languages Policy (http://www.ece.gov.nt.ca/files/T4.02.01_Official%20Languages%20Policy.pdf) is an important tool in developing the Wayfinding Plan of the Stanton Territorial Hospital, and any signage that is used as part of the Wayfinding Plan shall be developed with guidance from Stanton Territorial Hospital Authority.

APPENDIX 3C MEDICAL GAS AND HEADWALL REQUIREMENTS										
1.0 PATIENT CARE SPACES (GENERIC)		HEADWALL / NO. OF MEDICAL OUTPUTS REQUIREMENTS PER ROOM								
ROOM CODE	ROOM TYPE	O2	Med Air	N2O	Med Vac	Nitrogen	CO2	AGSS	Nurse Call	Intruder Alarm
	ACUTE CARE									
BDR - 1	In-Patient Room, Standard, 1 bed	2	2		2				1	<i>updated 17/12/2014</i>
BDR - 2	In-Patient Room, Airborne Isolation	2	2		2				1	<i>updated 17/12/2014</i>
BDR - 3	In-Patient Room, Bariatric	2	2		2				1	<i>updated 17/12/2014</i>
BDR - 4	In-Patient Room, Rehab								1	1
	MENTAL HEALTH									
BDR - 5	In-Patient Room, Mental Health									1
	MATERNITY/CHILDCARE									
LDR - 1	In-Patient Room, LDRP	4	4	4	4			4	2	<i>updated 01/04/2014</i>
LDR - 2	In-Patient Room, Infant Care Room	2	2	2	2			2	1	
LDR - 3	In-Patient Room, Nursery	1	1		1				1	1
LDR - 4	In-Patient Room, Infant Resuscitation Room	1	1		1				1	1
PED - 1	In-Patient Room, Pediatrics	2	2		2				1	1
	CRITICAL CARE									
ICU - 1	In-Patient Room, Critical Care, Standard	4	4	0	4	2	2			1
	SURGICAL PROCEDURE ROOM									
ORS - 3	Anaesthetic Room									<i>deleted 26/03/2015</i>
PRC - 1	Procedure Room, Standard	2	2	1	2	1	1	1		<i>updated 26/03/2015</i>
PRC - 2	Procedure Room, Minor	2	2	1	2	1	1	1		<i>updated 26/03/2015</i>
PRC - 3	Surgical Procedure Room	2	2	1	2	1	1	1		<i>updated 26/03/2015</i>
PRC - 4	Surgical Operation Room (OR)	4	4	2	4	1	1	2	1	1
										<i>updated 1/04/2015 and 26/03/2015</i>

APPENDIX 3C MEDICAL GAS AND HEADWALL REQUIREMENTS										
1.0 PATIENT CARE SPACES (GENERIC)		HEADWALL / NO. OF MEDICAL OUTPUTS REQUIREMENTS PER ROOM								
ROOM CODE	ROOM TYPE	O2	Med Air	N2O	Med Vac	Nitrogen	CO2	AGSS	Nurse Call	Intruder Alarm
	DIAGNOSTIC & TREATMENT									
DXS - 3	Medical Imaging , Standard	1			1					<i>updated 26/03/2015</i>
DXS - 4	Medical Imaging, Special	1	1		1					<i>updated 26/03/2015</i>
EXT -1	Exam/Treatment Room, General	1	1		1					
EXT - 2	Exam/Treatment Room, Bariatric									<i>deleted 26/03/2015</i>
EXT - 3	Exam/Treatment Room, Isolation	1	1		1					
EXT - 5	Exam/Treatment Cubicle	1	1		1					
EXT - 6	Exam/Treatment Cubicle, Isolation	1	1		1					
EXT - 7	Diagnostics Cardiopulmonary (Ultrasound, ECG, Xray)	1	1	1	1	1	1	1		<i>updated 26/03/2015</i>
	AMBULATORY DAY CARE & RENAL CARE									
DYS - 1	Dialysis Unit/Treatment Cubicle	1	1		1					
	EMERGENCY									
EMG - 6	Cast Room/ Fracture Room	1	1	1	1			1		1
EMG - 7	Trauma / Resuscitation Room	2	4		4			0		1
EMG - 8	ER, Secure Holding Room	1	1		1			0		1
EMG - 10	Psychiatric Exam/Consult Room	1	1		1			0		1
<p><i>The areas and numbers listed above are for information only as the minimum standards required. The facility and/or the design team to hold consultation with the users or regulatory authorities to establish absolute no.s. This document to be read in conjunction with CSA Z7397.1-06 CSA Z7396.1-12 & Z317.2 for additional information.</i></p>										<i>updated 01/04/2014</i>

**Stanton Territorial Hospital Facility Renewal Study
SUMMARY OF THE SCHEDULE OF ACCOMMODATION: REVISED DECEMBER 2013**

Section	Room/Area	Factor	Revised CNSM	Revised CGSM	Notes
1.0 MAIN ENTRANCE/CUSTOMER SERVICES					
1.01	Main Entrance/Lobby	1.30	#REF!	#REF!	
1.02	Customer Service Centre	1.30	#REF!	#REF!	
1.03	Auxiliary Tuck Shop	1.30	#REF!	#REF!	
1.04	Chapel/Meditation Room	1.30	#REF!	#REF!	
Total (Main Ent./Customer Services)		1.30	#REF!	#REF!	
2.0 DIAGNOSTIC SERVICES					
2.01	Outpatient Intake Area	1.50	#REF!	#REF!	
2.02	Diagnostic Imaging Suite	1.50	#REF!	#REF!	
2.03	Cardiopulmonary/Ultrasound Suite	1.50	#REF!	#REF!	
2.04	Outpatient Specimen Collection Suite	1.50	#REF!	#REF!	
2.05	Shared Support Space	1.50	#REF!	#REF!	
2.06	Laboratory	1.35	#REF!	#REF!	
2.04	Morgue	1.35	#REF!	#REF!	
Total (Diagnostic Services)		1.45	#REF!	#REF!	
2.08	Magnetic Resonance Imaging	1.50	#REF!	96.0	
3.0 AMBULATORY CARE CENTRE					
3.01	Ambulatory Care Check-In	1.46	#REF!	160.0	
3.02	Exam/Treatment Spaces	1.46	#REF!	504.7	
3.03	Collaborative Workspaces	1.46	#REF!	520.9	
3.04	Shared Clinical Support Space	1.50	#REF!	151.4	
3.05	Medical Day Care Unit	1.50	#REF!	185.1	
3.06	Renal Care Unit	1.46	#REF!	211.7	
3.07	Shared Support Space	1.46	#REF!	99.4	
Total (Ambulatory Care)		1.47	#REF!	1833.2	

MRI included as an allowance for future expansion. CGSM for MRI is not included in the total for Diagnostic Services, nor in the grand total summary.

4.0 SURGERY AND DAY PROCEDURES				
4.01	Surgery Suite	1.60	#REF!	#REF!
4.02	Day Procedure Unit	1.55	#REF!	#REF!
Total (Surgery & Special Procedures)		1.58	#REF!	#REF!

5.0 OUTPATIENT REHABILITATION CENTRE	1.40	#REF!	1234.2
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Re-located off-site in leased space.

6.0 CRITICAL CARE				
6.01	Outpatient Triage Area	1.60	#REF!	#REF!
6.02	Minor Treatment Area	1.60	#REF!	#REF!
6.03	Acute Treatment Area	1.60	#REF!	#REF!
6.04	Intensive Care Unit	1.55	#REF!	#REF!
6.05	Shared Staff Support Space	1.55	#REF!	#REF!
Total (Critical Care)		1.58	#REF!	#REF!

7.0 INPATIENT SERVICES				
7.01	Medical Unit	1.55	#REF!	#REF!
7.02	Surgical Unit	1.55	#REF!	#REF!
7.03	General Psychiatry/Medical Unit	1.55	#REF!	#REF!
7.04	Psychiatric Intensive Care Unit	1.55	#REF!	#REF!
7.05	Obstetrics Unit	1.55	#REF!	#REF!
7.06	Pediatric Unit	1.55	#REF!	#REF!
Total (Inpatient Services)		1.55	#REF!	#REF!

8.0 PHARMACY	1.30	#REF!	#REF!
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9.0 OPERATIONAL SUPPORT SERVICES			
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9.01	Executive Office Suite	1.30	#REF!	#REF!
9.02	Patient Care Admin. Support	1.30	#REF!	#REF!
9.03	Medical Affairs	1.30	#REF!	#REF!
9.04	Booking Office	1.30	#REF!	#REF!
9.6	Health Records	1.30	#REF!	#REF!
9.8	Information/Computer Services	1.30	#REF!	#REF!
9.9	Volunteers	1.30	#REF!	#REF!
9.10	Other Staff Support Space	1.30	#REF!	#REF!
Subtotal (Hospital Based)		1.30	#REF!	#REF!
9.4	Medical Travel Office	1.30	#REF!	#REF!
9.7	Transcriptionist	1.30	#REF!	46.7
9.1	Financial Services	1.30	#REF!	#REF!
Total (Operational Support)		1.30	#REF!	#REF!

Located off-site in leased space.
 Re-located off-site in leased space.
 Located off-site in leased space.

10.0 FACILITY SUPPORT SERVICES			
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10.1	Supply Receiving and Staging	1.25	#REF!	#REF!
10.2	Housekeeping	1.25	#REF!	#REF!
10.3	Facility Maintenance & Operations	1.25	#REF!	#REF!
10.4	Property and Program Services	1.30	#REF!	#REF!
10.5	Food Service	1.25	#REF!	#REF!
10.6	Medical Device Reprocessing	1.25	#REF!	#REF!
Subtotal (Hospital-Based)		1.25	#REF!	#REF!
10.7	Shared Services Facility	1.25	#REF!	#REF!
Total		1.25	#REF!	#REF!

Grand Total (All Components)		#REF!	#REF!
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APPENDIX 3D

INFORMATION SYSTEMS RESPONSIBILITY SUMMARY

See attached.



Stanton Appendix 3D
- IS Responsibility Sur

APPENDIX 3D - INFORMATION SYSTEMS RESPONSIBILITY SUMMARY

System Heading	Scope Categorisation			Interface Requirements	Systems Operation - Operating Period	
	Hardware and Software	Infrastructure	Interface		End User Administration	Systems Lifecycle
Telecommunications Pathways	A	A	A	N/A	See System Specific Requirements	See System Specific Requirements
Telecommunication Equipment Rooms and Spaces	A	A	A	N/A	See System Specific Requirements	See System Specific Requirements
Equipment Racks	A	A	A	N/A	See System Specific Requirements	See System Specific Requirements
Structured Cabling	N/A	A	A	As Needed for Individual System Requirements	N/A	Not Specified
Authority Network(s)	C	A	E	As Determined by Authority	Authority	7 Years
Project Co Network(s)	A	A	A	As Determined by Project Co and Authority	Project Co	7 Years
Authority Servers	C	A	C	As Determined by Authority	Authority	7 Years
Project Co Servers	A	A	A	As Determined by Project Co and Authority	Project Co	7 Years
VoIP / Telephone Equipment	C	A	C	As Determined by Authority	Authority	7 Years
Cellular Services	E	E	E	N/A	Authority	15 Years
Wireless Network (WiFi)	D	A (Authority will procure WAPs)	D	Mobile Staff Communication Devices, Authority's Network, VoIP / Telephone Equipment, Authority End User Devices, Project Co End User Devices (Conditional Based On Approval From Authority)	Authority	Not Specified
Mobile Staff Communication Devices	C	A	C	Authority Network(s), Wireless Network (WiFi), VoIP / Telephone Equipment, Nurse Call System, Mobile Staff Duress, Project Co Middleware	Authority	4 Years
Public Address System	A	A	A	Fire Alarm, VoIP / Telephone Equipment, Project Co Middleware	Authority	15 Years
Intercommunication System	A	A	A	Access Control, Project Co's Network(s), Project Co Middleware	Authority	15 Years
Video Conferencing and Telehealth Systems	C	A	E	Authority's Network, VoIP / Telephone Equipment	Authority	7 Years
Real Time Location Systems (RTLS)	C	A	C	As Determined by Authority	Authority	15 Years
Radio System	E	A	E	VoIP / Telephone Equipment, Project Co's Network(s), Fixed Panic, Project Co Middleware	Authority	7 Years (Authority will lifecycle portable 2-way radios)
Patient Entertainment System	D	A	D	Authority's Network, Nurse Call, Telephone Equipment, Cable / Satellite TV	Authority	Not Specified
Patient Education System	D	A	D	Authority's Network, Wireless Network (WiFi), VoIP / Telephone Equipment	Authority	Not Specified
Nurse Call System	A	A	A	Mobile Staff Communication Devices, Patient Entertainment System, Authority's Network, VoIP / Telephone Equipment, Project Co Middleware	Authority	15 Years
Access Controls	A (Except additional cards)	A	A	Fire Alarm, BMS, Elevators, Patient Tracking / Wandering, Mobile Staff Duress, Fixed Panic System, Intercommunication System, Intrusion Detection, CCTV, Authority Human Resources Database, Mobile Staff Communication Devices, Project Co Middleware	Authority	15 Years

APPENDIX 3D - INFORMATION SYSTEMS RESPONSIBILITY SUMMARY

System Heading	Scope Categorisation			Interface Requirements	Systems Operation - Operating Period	
	Hardware and Software	Infrastructure	Interface		End User Administration	Systems Lifecycle
Fixed Panic System	A	A	A	Access Controls, Nurse Call, Radio System, Telephone Equipment, Project Co Network, Project Co Middleware	Authority	15 Years
Mobile Staff Duress System	C	A	C	VoIP / Telephone Equipment, Access Controls, Project Co Middleware	Authority	15 Years
Patient / Infant Wandering	A	A	A	Mobile Staff Communication Devices, Access Controls, CCTV, Staff Communication, Elevators, VoIP / Telephone Equipment, Project Co Network, Project Co Middleware	Authority	15 Years
Intrusion Detection	A	A	A	VoIP / Telephone Equipment, Access Controls, Project Co Network, Project Co Middleware	Authority	15 Years
CCTV	A	A (this includes cameras)	A	Patient / Infant Wandering, Fixed Panic, Access Controls, Intrusion Detection, Elevators, Project Co Network	Authority	7 Years
Patient Physiological Monitoring System	C	A	C	Authority's Network	Authority	5 Years
Clinical Camera System	A	A (this includes cameras)	A	Project Co Network, Project Co Middleware	Authority	7 Years
Master Clock System	A	A	A	Wireless Network (WiFi)	N/A	5 Years
Cable / Satellite TV	A	A	A	Patient Entertainment	N/A	15 Years
Project Co Middleware Software	A	A	A	Mobile Staff Communication Devices, VoIP / Telephone Equipment, Public Address System, Intercommunication System, Radio System, Nurse Call System, Access Controls, Fixed Panic System, Mobile Staff Duress System, Patient / Infant Wandering, Intrusion Detection, CCTV, Project Co Network	Project Co	5 Years

APPENDIX 3D - INFORMATION SYSTEMS RESPONSIBILITY SUMMARY

System Heading	Scope Categorisation			Interface Requirements	Systems Operation - Operating Period	
	Hardware and Software	Infrastructure	Interface		End User Administration	Systems Lifecycle
			Equipment Category	Scope Definition		
			Category A Equipment	Project Co will be responsible for the: (a) Procurement, Delivery, Storage, Setup, Installation and Commissioning of all Category A Equipment; and (b) Maintenance, Renewal and Replacement of all Category A Equipment in accordance with Schedule 4 [Services Protocols and Specifications].		
			Category B Equipment	Project Co will be responsible for the: (a) Procurement, Delivery, Storage, Setup, Installation and Commissioning of all Category B Equipment; and (b) Maintenance of all Category B Equipment in accordance with Schedule 4 [Services Protocols and Specifications] provided that: (1) Project Co will not be responsible for the Renewal and Replacement of any Category B Equipment; and (2) the Authority will Renew and Replace all Category B Equipment in accordance with Good Industry Practice.		
			Category C Equipment	Authority will be responsible for the Procurement, Delivery, Storage, Setup, Installation, Commissioning, Maintenance, Renewal and Replacement of all Category C Equipment. Refer to Schedule 3 [Design and Construction Specifications] for specifications applicable to furniture, millwork and casework.		
			Category D Equipment	(a) Authority will be responsible for the Procurement, Delivery, Maintenance, Renewal and Replacement of all Category D Equipment; and (b) Project Co will be responsible for the Storage, Setup, Installation and Commissioning of all Category D Equipment.		
			Category E Equipment	(a) Project Co will: (1) be responsible for the Procurement, Delivery, Storage, Setup, Installation and Commissioning of all Category E Equipment; and (2) not be responsible for the Maintenance, Renewal and Replacement of any Category E Equipment; and (b) the Authority will Maintain, Renew and Replace all Category E Equipment in accordance with Good Industry Practice.		

APPENDIX 3E DOOR OPERATIONS MATRIX

	Room or Zone Type	High Level Description of Functional Intent	Card Reader Placement	CCTV	
Corridors & Departments	Exterior Perimeter Doors, Non Entry	Secure, door position switch, exit door hardware	N/A	A - fixed	
	Exterior Perimeter Doors, Main Entry	Door operator with motion sensor, to facilitate free flow during public hours, secure card access after hours from outside, free egressing from the inside. Provide video intercom and remote release	A	C - fixed	
	Exterior Perimeter Doors, Staff Entry & Department Doors	Secure card access from outside, door position switch, free egress from the inside	A	C - fixed	
	Exterior Perimeter Doors, Emergency & Ambulance Bay	Door operator with motion sensor, to facilitate free flow during public hours, secure card access after hours from outside, free egressing from the inside. Provide video intercom and remote release	A	C - fixed	
	Department Perimeter Doors	Secure card access after hours, doors with operators and hold open during hours of operation	A	C - fixed	
	Department Perimeter Doors - Mental Health & LDRP	Secure 24 hours, card access, doors with operators. Provide video intercom and remote release	C	C - fixed	
	Department Perimeter Doors - PHARMACY	Secure, locking capability after hours, card access, doors with operators. Provide video intercom and remote release	D	A - fixed	
	Department Perimeter Doors - IPU, Emergency, ICU, Renal	Secure, locking capability after hours, card access, doors with operators. Provide video intercom and remote release	A	A - fixed	
	Roof Access	Door position switch	N/A	B - PTZ	
	Staff Zone, Perimeter Doors (Boundary)	Secure, with card access for staff, door operator	A	A - fixed	
	Staff & Patient Zone, Double Egress Doors in Corridors	Door operator with motion sensor, hold open to facilitate free flow during public hours, secure card access after hours	C	C - fixed	
	All elevators (both hall call and inside the cab)	Floor-by-floor card access control	C	C - fixed	
	Perimeter walkways and walkways connecting to other buildings on Site		N/A	A - PTZ	
	Exit Stair Doors inside Departments	Delayed egress, panic, key override/reset card reader both sides, audible alarm.	C	C - fixed	
	Exit Stair Doors going into a Department	Delayed egress, panic, key override/reset, card reader both sides	C	C - fixed	
	Staff and Patient Zone	Diagnostic Imaging, Typical Imaging Modalities, not including MRI	Secure, with card access for staff, door operator, remote release as required.	A	N/A
		Exam Room, Isolation	Secure, with card access for staff, door operator, remote release as required.	A	N/A
Emergency, Trauma Resuscitation Room		Secure, with card access for staff, door operator, remote release as required.	A	N/A	
Exam Room Vestibule, Typical Isolation		Secure, with card access for staff, door operator, remote release as required, man trap function	A	N/A	
Patient Room Isolation		Secure, with card access for staff, door operator, remote release as required, man trap function	A	N/A	
Patient Room, LDRP Respite and Resuscitation Nursery		Secure, with card access for staff, door operator, remote release as required.	A	N/A	
Patient Seclusion Room, Emergency & Psychiatric		Secure, with card access for staff, door operator, remote release as required, ligature resistant hardware hardware	C	N/A	
Procedure & Therapy Rooms - Mental Health		Two entries to room, secure, with card access for staff, door operator, remote release as required, ligature resistant hardware	C	A - fixed	
Interview Rooms & Conference Rooms - Mental Health		Two entries to room, secure, with card access for staff, door operator, remote release as required, ligature resistant hardware	C	A - fixed	
Interview Rooms - Emergency		Two entries to room, secure, with card access for staff, door operator, remote release as required, ligature resistant hardware	C	A - fixed	
Man Trap Vestibule - Mental Health		Two entries, secure, with card access for staff, door operator, ligature resistant hardware. Provide video intercom and remote release, both doors.	C	C - fixed	
Pharmacy, Anteroom		Secure, with card access for staff, door operator, push button release as required, man trap requirement	A	A - fixed	
Pharmacy, Narcotics Storage Room		Secure, with card access for staff, intrusion alarm system	D	C - fixed	
Pharmacy, Night Cabinet Room		Secure, with card access for staff	A	A - fixed	
Medication Rooms, Drug Storage, Pharmacy		Secure, with card access for staff, door operator push button on inside	A	A - fixed	
Medical Records		Secure, with card access for staff	A	A - fixed	
Clean Utility Rooms		Closer with hold open function	N/A	N/A	
Housekeeping & Storage Utility Rooms		Closer with hold open function	N/A	N/A	
Service Rooms		Secure, with card access for staff, delayed closer	A	N/A	
Soiled Utility Rooms		Secure, with card access for staff, delayed closer, hands free latchset	A	A - fixed	
Support Spaces (FMO, Stores, Logistics, OT Splinting, etc.)		Secure, with card access for staff, delayed closer	A	A - fixed	
Cafeterias			N/A	A - fixed	
Building Management Rooms (Boiler Rooms, Fan Rooms, Hazmat Storage, etc.)		Secure, with card access for staff, delayed closer	A	N/A	
Staff Lounges, Washrooms, Locker Rooms		Secure, with card access for staff, closer	A	A - fixed	
Public Lobbies and Waiting Areas			N/A	A - fixed	
Meeting / Conference / Teaching Room (S/M)		Secure, with card access for staff, closer	A	A - fixed	

Secure Staff Zone	IS (Telecom) Rooms	Secure, with card access for staff, closer	A	A - fixed
	Loading Docks	Secure, with card access for staff, closer, video intercom with remote unlocking	A	A - fixed
	Laboratory, BioSafety Cabinet Station	Secure, with card access for staff, door operator, push button release as required.	A	A - fixed
	Laboratory, Various Modalities	Secure, with card access for staff, door operator, push button release as required.	A	A - fixed
	Laboratory, Walk in Cooler Room	Manual latchset, lockable	A	A - fixed
	Laboratory, Walk in Freezer Room	Manual latchset, lockable	A	A - fixed
	Materiels Management, Flammable Storage, Clean	Secure, with card access for staff, closer	A	A - fixed
	Materiels Management, Flammable Storage, Contaminated	Secure, with card access for staff, closer	A	A - fixed
	MDR, Clean Zone, Prep and Packaging	Secure, with card access for staff, door operator, push button release as required.	A	A - fixed
	MDR, Decontamination Area	Secure, with card access for staff, door operator, push button release as required.	A	A - fixed
	MDR, Sterile Zone, Sterilization and Holding	Secure, with card access for staff, door operator, push button release as required.	A	A - fixed
	Administration and Cash Offices	Secure, with card access for staff, closer	A	A - fixed
	On Call Rooms	Secure, with card access for staff, closer	A	A - fixed

Door Typical - Card reader placement

- (A) Single Card Reader on the Public side
- (B) Single Card Reader on the Secure side
- (C) Dual Card Readers on both the Public and Secure side
- (D) Combination pin code / proximity card readers

CCTV Typicals - CCTV placement (PTZ - pan tilt zoom / Fixed - stationary camera typical use ID)

- (A) Single CCTV camera on the Public side
- (B) Single CCTV camera on the Secure side
- (C) Dual CCTV camera's on both the Public and Secure side

Every Door with a Maglock will have key override both sides of door

Every Door with a latch set to have key core capability

Man Trap function is defined as a vestibule with interlocked doors to prevent one door from opening before the other door is shut

PTZ - Pan to Zoom camera

ID - Identification camera

APPENDIX 3F

DEMOLITION AND RELATED WORK

1. General

1.1 Site Preparation – Demolition

(a) Basic Requirements

- (1) Project Co is responsible for the demolition of the following:
 - (A) all demolition that is necessary, above ground (elements such as, but not limited to, buildings, structures, roads, curbs, parking areas, walkways and landscaping) and sub-surface (elements such as, but not limited to, foundations, slabs, pits, sumps, pipes, cables, ducts and underground tanks including related piping) , for the construction of the Facility.
- (2) Project Co acknowledges and agrees:
 - (A) it has received and reviewed a copy of the following reports including all appendices:
 - (i) Environmental Site Assessment (ESA) Phase 1 – as defined in Schedule 2 – Design and Construction Protocols
 - (ii) Hazardous Materials Report – as defined in Schedule 2 – Design and Construction Protocols
 - (B) it is responsible for all management, removal, abatement, containment and disposal of Hazardous Substances disclosed in or reasonably inferred from the reports listed in Section 1.1(a)(2)(A) above, with the exception of the underground oils tanks which have already been remediated by the Authority; and
 - (C) the Authority is not in any way responsible or liable for the completeness, interpretation or accuracy of reports listed in Section 1.1(a)(2)(A) above.
- (3) Without limiting the responsibility of Project Co above, Project Co will:
 - (A) take all precautions so that no transmission of Hazardous Substances and noxious fumes interfere or contaminate the surrounding community;
 - (B) be responsible for management, removal, abatement, containment and disposal of any underground storage tanks and any underground piping and appurtenances, including any that may themselves constitute Hazardous Substances which were disclosed in or reasonably inferable from the Disclosed Data; and
 - (C) complete the management, removal, abatement, containment and disposal of all Hazardous Substances, which were disclosed in or reasonably inferable from the Disclosed Data, prior to demolition.
- (4) For buildings to be demolished, Project Co is responsible for all building systems terminations and cap offs prior to demolition. The Authority will have separated the unburied mechanical and electrical systems connecting buildings to be demolished, except for Life Safety systems and underground systems.

- (5) Project Co will perform all design and construction work:
 - (A) that is triggered by the demolition work required in this Appendix 3F [Demolition and Related Work]; and
 - (B) including, but not be limited to: code related upgrades, fire egress upgrades, structural upgrades and the temporary or permanent redirection of services.
- (6) All new design and construction required by Appendix 3F [Demolition and Related Work] will meet the requirements of Schedule 3 [Design and Construction Specifications].
- (b) Performance Requirements
 - (1) Project Co will:
 - (A) prior to performing demolition work, submit a report on the protective measures in place for existing buildings to the Authority;
 - (B) conform to applicable codes for demolition of structures and provide for the safety of adjacent structures, the erection and maintenance of temporary barriers and security devices;
 - (C) obtain City of Yellowknife and other authority approvals required to undertake a demolition;
 - (D) ensure demolition work does not interfere with, or prevent the site and adjacent buildings from operating normally;
 - (E) provide perimeter screen and safety walls to ensure safety and protection of people and objects outside of the demolition area;
 - (F) provide overhead protection from falling debris;
 - (G) carry out demolition activities so as not to interfere with access to existing buildings;
 - (H) schedule hours of operation and plan the traffic flow required for demolition in accordance with the Phasing Plan, the Work Plan and the Demolition Plan referred to in Schedule 2 [Design and Construction Protocols];
 - (I) be responsible for ensuring that fire safety will be in force at all times during demolition;
 - (J) implement a pest control management plan for related areas before, during and post demolition;
 - (K) perform all work to CAN/CSA-Z317.13 Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities;
 - (L) provide dust control at all times:
 - (i) spray demolition area with water once demolition of structure begins;
 - (ii) manage water runoff through the site; and

- (iii) protect all storm drains that could be affected by the demolition work;
- (M) perform work in accordance with Schedule 2 [Design and Construction Protocols] Control of Noise;
- (N) secure demolition site 24/7; obtain Authority's approval of methods to secure site prior to commencing work;
- (O) conform to applicable regulatory procedures, including the *Safety Act* (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories requirements, during all phases of the demolition and when discovering hazardous or contaminated materials;
- (P) ensure the walls separating the construction from remaining structures will be designed so that the demolition and construction will not interfere with the normal operation of the Hospital;
- (Q) remove of all demolition materials from the site safely and legally;
- (R) terminate existing surfaces of building elements to be demolished along straight lines at natural divisions determined through consultation with by the Authority. Cut existing surfaces so that a smooth transition with new work will result;
- (S) refer to Schedule 2 [Design and Construction Protocols] 6.12 for salvage material and equipment title;
- (T) make provisions to ensure that affected areas of the remaining building are weather-proofed during and after demolition and for the duration of construction of the Building;
- (U) construct a temporary insulated and weatherproof wall to protect all previously interior areas exposed to the exterior during the demolition and construction process;
- (V) Project Co's design will identify where the new construction and adjacent buildings are intended to be joined as interior space and be responsible for providing permanent exterior walls at all locations that are no longer interior walls. These required exterior walls in existing buildings shall meet all the requirements of Schedule 3 [Design and Construction Specifications] and complement the design of the existing adjacent building facades;
- (W) be responsible for patching, repairing and "making good" all exterior and interior surfaces affected in all existing buildings in which work is taking place, to match the quality of the adjacent surfaces. "Making Good" shall be defined as preparing new surfaces which are identical to adjacent surfaces, and finished off in such a manner that there are absolutely no visible traces (at a distance of 600 mm), between existing work and the work of new patching. "Making good" therefore, extends to the complete re-finishing of entire surface areas as is necessary, to junction points or inside or outside corners of walls, partitions and ceiling; and
- (X) accurately record actual locations of capped utilities, subsurface obstructions and/or conditions.

1.2 Civil Requirements

- (a) General
 - (1) Project Co will inspect and examine the Site with the Authority and verify the extent and location of items designated for demolition.
- (b) Basic Requirements
 - (1) Project Co will confirm the extent of the demolition and ensure there is no disturbance to the operations of the existing adjacent buildings and areas.
 - (2) All materials are to be stockpiled and removed for disposal offsite in a location acceptable to the Authority.
 - (3) Demolition to comply with CSA S350: Code of Practice for Safety in Demolition of Structures.
 - (4) Demolition to comply with the latest edition of the City of Yellowknife By-Laws.
- (c) Performance Requirements
 - (1) Project Co will undertake demolition in accordance with the following performance requirements:
 - (A) Locate any active services located on the site that serve other properties and take steps as required to prevent any disruption to such servicing
 - (B) Re-location of services that are connected to other buildings will include installation of replacement services at such a time, and any other steps required including installation of temporary alternate services, so that the services to other buildings are not disrupted.
 - (2) Disconnect, cap, plug or divert as required existing services.
 - (A) Sewer and Water Lines: Remove in locations as required, in accordance with the requirements of the Authority or City of Yellowknife and securely plug to form watertight seal.
 - (B) Other Underground Services: Remove and dispose of as required.
 - (3) Locate and protect utilities. Preserve active utilities traversing the site in operating conditions.
 - (4) Notify, coordinate and obtain approval from utility companies before starting demolition.
 - (5) Do not pump water containing suspended materials into watercourses, storm or sanitary sewers or onto adjacent properties
 - (6) Removal of Pavements, Curbs and Gutters will include but is not limited to the following:
 - (A) Square up adjacent surfaces to remain in place by saw cutting or other method approved by the Authority.
 - (B) Protect adjacent joints and load transfer devices

(C) Protect underlying and adjacent granular materials.

(7) Prevent movement, settlement, or damage to adjacent structures, utilities and landscaping features and parts of building to remain in place. Provide bracing and shoring as required.

1.3 **Structural Requirements**

(a) Prior to demolition Project Co will:

(1) Ensure that all remaining structures are sufficiently shored and protected against structural damage from demolition activities.

(2) Provide necessary shoring and temporary structures in accordance with the requirements of the City of Yellowknife Building By-Law 4469, the *Safety Act* (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories.

(3) Provide underpinning of existing structures as required for both temporary excavations and permanent construction. If underpinning is to remain in the final structures, design and construction will provide for long term durability.

(b) During demolition Project Co will:

(1) Maintain all shoring and protective measures in structurally sound condition until demolition activities are complete.

(c) Reinstatement of Existing buildings

(1) Where structural elements of the existing building are to be demolished to accommodate construction of the Facility, Project Co will rebuild exit stairs and structural elements as required for the remaining building to conform with the City of Yellowknife Building By-Law 4469 requirements, and all applicable codes and standards.

(2) Structural elements will include but not be limited to foundations, retaining walls, stair structures, vertical load carrying elements and lateral load resisting elements (including seismic loads).

1.4 **Mechanical Requirements – Not Used.**

1.5 **Electrical Requirements – Not Used.**

APPENDIX 3G
GROSS FLOOR AREAS

1. AREAS

GROSS FLOOR AREA

Existing Hospital

• Basement – Mechanical	663 m ²
• Main Floor	5,536 m ²
• 2nd Floor	3,820 m ²
• 3 rd Floor	3,512 m ²
• Penthouse	465 m ²
Total	<u>13,996 m²</u> (13,333 m ² w/o basement)

New Work

1. Critical Care

• Main Floor	912 m ²
• Penthouse (2 nd Floor)	587 m ²
• Penthouse expansion (4 th Floor)	215 m ²
• New staircase	95 m ²
Total	<u>1,809 m²</u>

2. Inpatient Tower

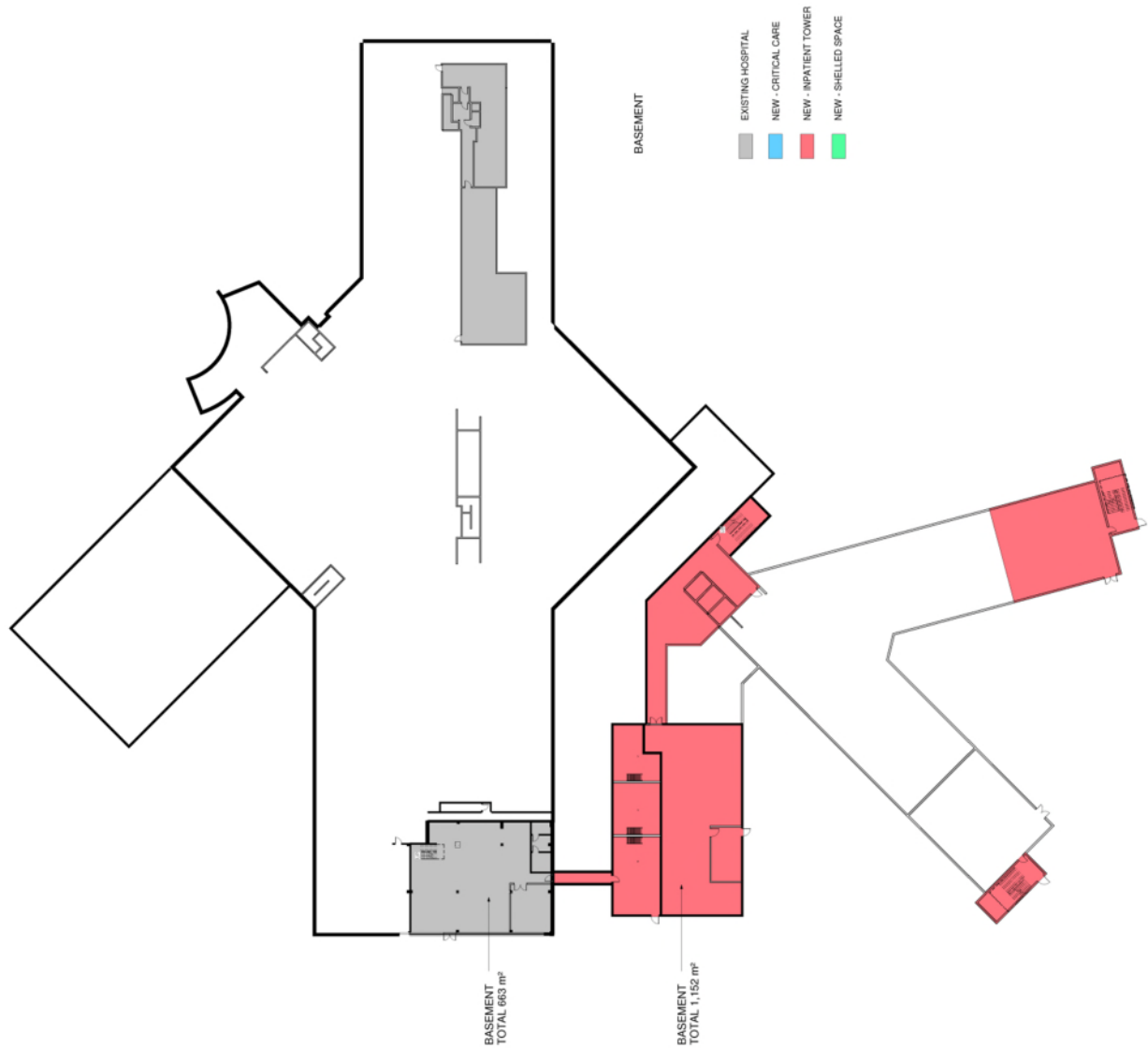
• Basement	1,152 m ²
• Main Floor	3,093 m ²
• 2nd Floor	2,572 m ²
• 3 rd Floor	1,834 m ²
• Penthouse (new & addition)	547 m ²
Total	<u>9,198 m²</u>

3. Shared Facility **1,770 m²**

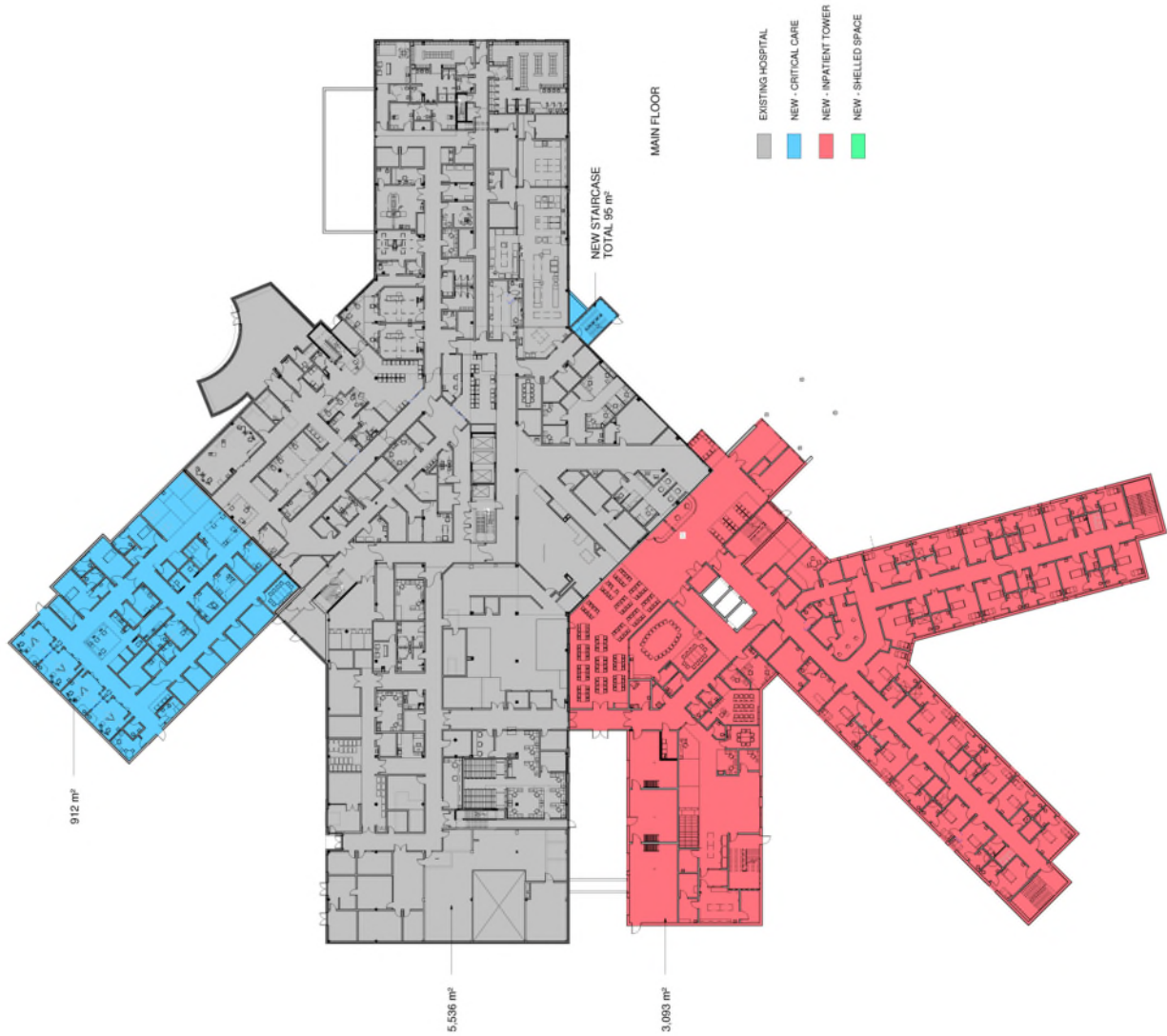
	Renovation (m ²)	New (m ²)	Off-site (m ²)
Renovation to existing	*13,333		
Expansion to Critical Care		912	
Expansion to Mechanical (2 nd and 4 th)		802	
New staircase		95	
New Inpatient tower		9,198	
New Shared Services Facility			1,770
Leased Space (CGSM)			1,281
Third Floor Shelled Space in new tower		750	
TOTAL	*13,333	11,757	3,051

* Existing building area. Degree of renovation as per documents.

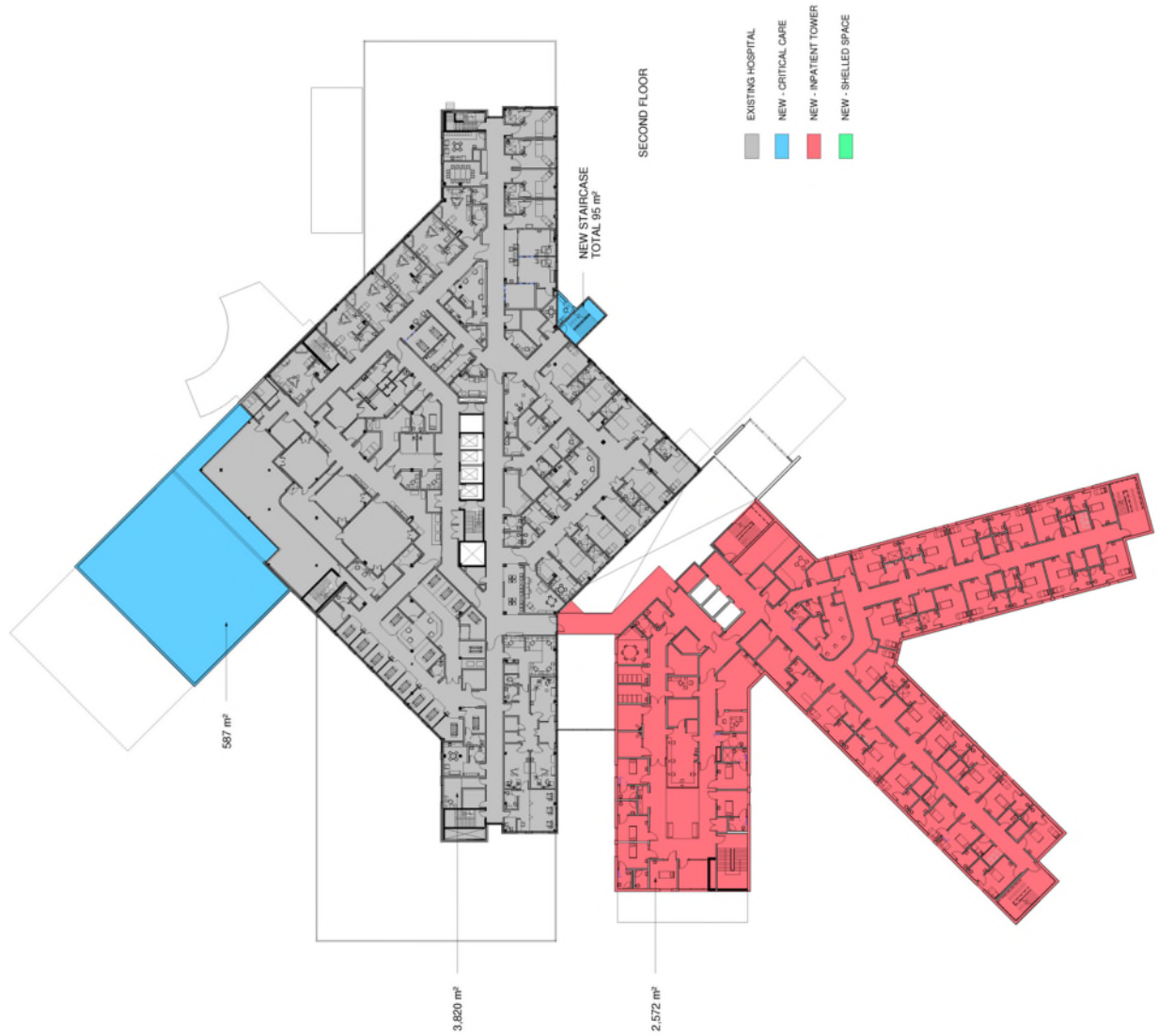
2. BASEMENT PLAN AREAS



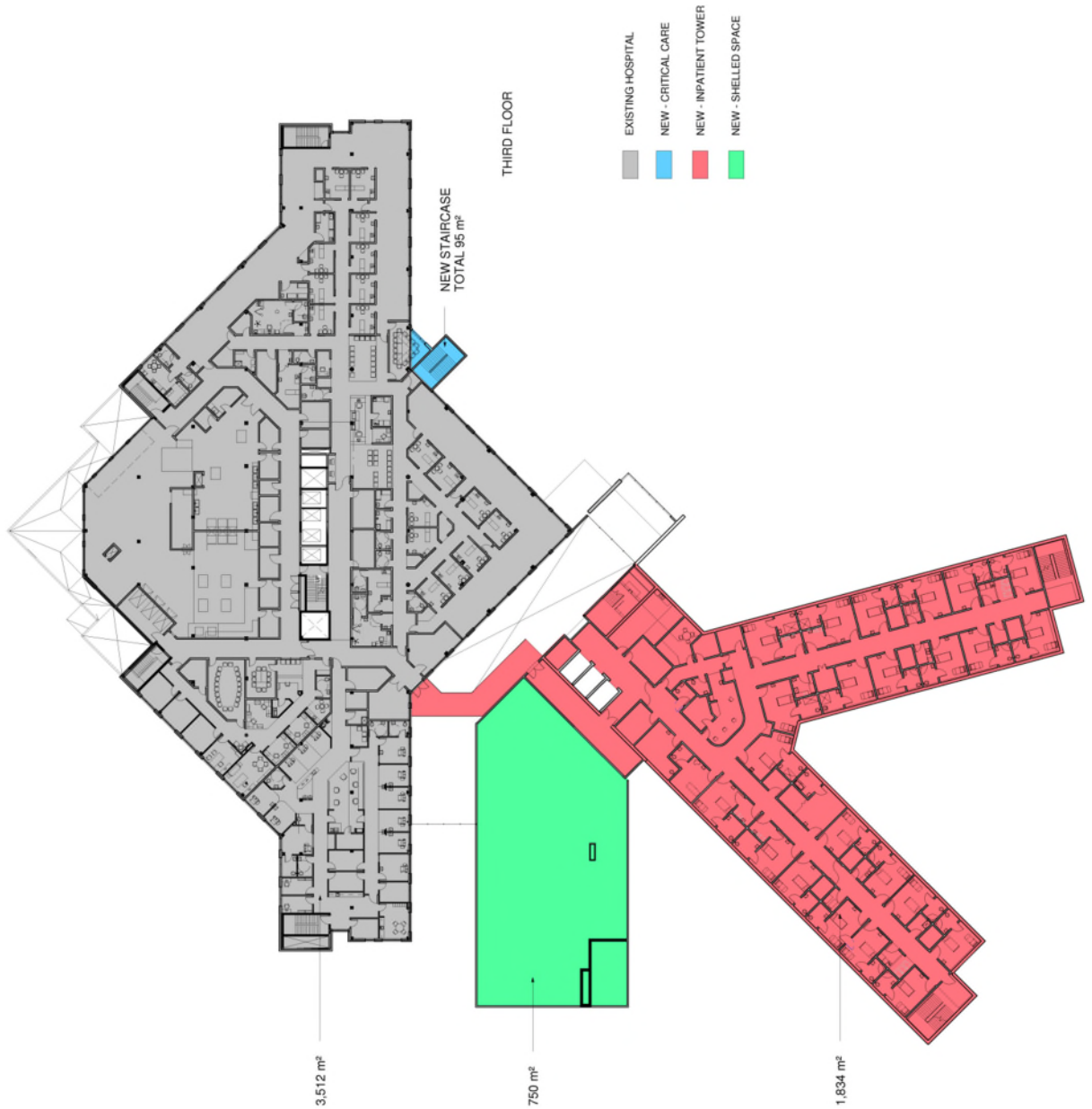
3. MAIN FLOOR PLAN AREAS



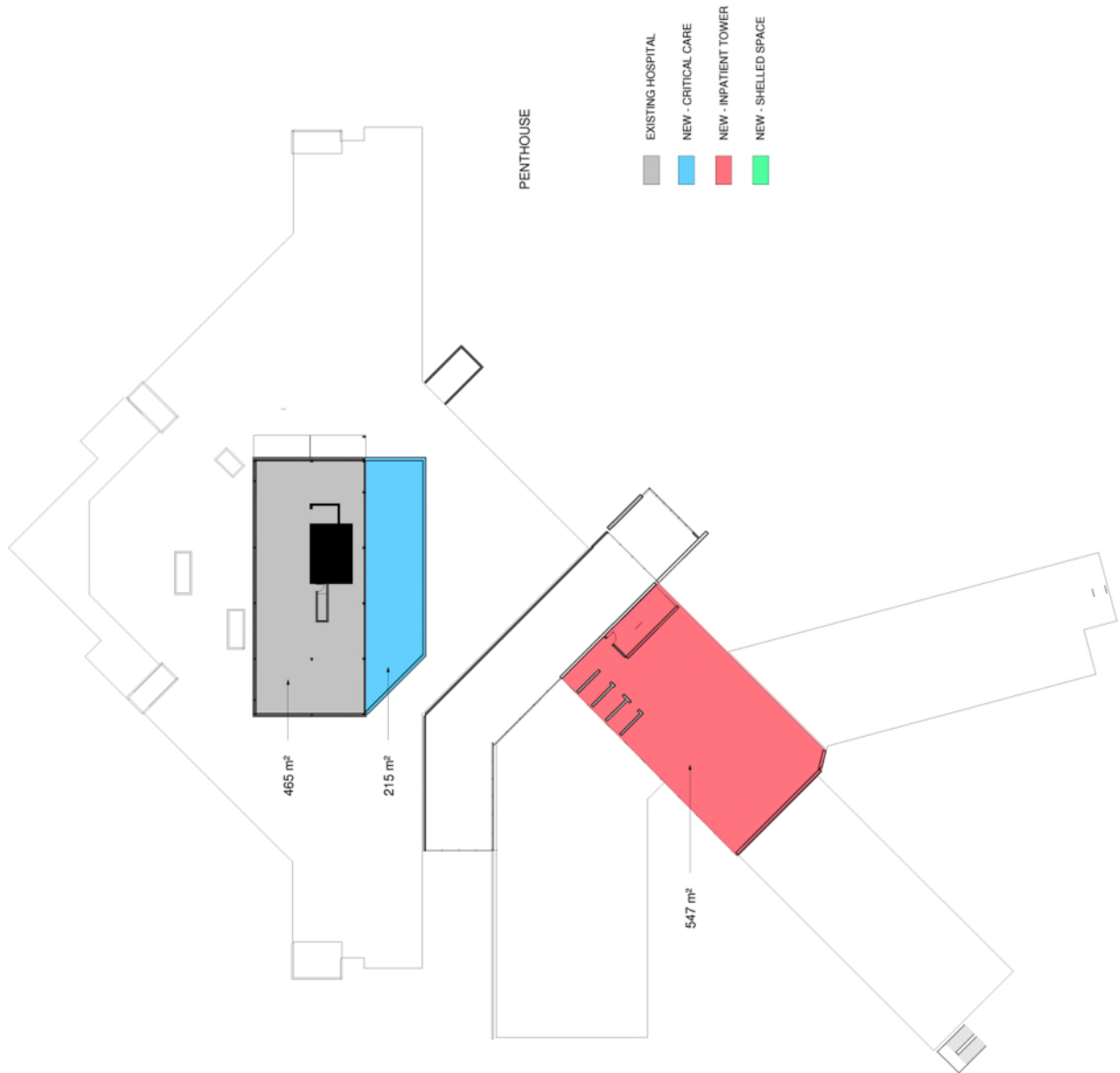
4. SECOND FLOOR PLAN AREAS



5. THIRD FLOOR PLAN AREAS



6. PENTHOUSE PLAN AREAS



SCHEDULE 4

SERVICES PROTOCOLS AND SPECIFICATIONS

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1. DEFINITIONS

In this Schedule, in addition to the definitions set out in Schedule 1 of the Agreement:

“**Accreditations**” has the meaning set out in Section 3.3(d) of this Schedule;

“**Annual Service Plan**” has the meaning set out in Section 4.2 of this Schedule;

“**Authority Policies**” means all policies, or portions of policies where only a portion is indicated, of the Authority as at the Effective Date, copies of which have been made available to Project Co including, subject to Section 3.4 of this Schedule, as applicable from time to time, any amendments of those policies and any additional policies;

“**BMS**” means the Building Management System;

“**CMMS**” means the Computerized Maintenance Management System for the Facility;

“**Core Hours**” means the period of time between 7:00am and 10:59pm;

“**Demand Requisition**” means any request for service, report of a Service Failure, report of an Unavailability Event or any other report or inquiry made to the Help Desk or to Project Co, including reports generated electronically by the BMS, the CMMS or other electronic monitoring systems operated by Project Co in the Facility;

“**District Heating Service**” means hot water heating service generated at the central plant and distributed via district heating supply and return water pipes to energy transfer stations in the Facility for space heating and domestic hot water heating in the building;

“**Energy Management Plan**” has the meaning set out in Section 4.5 of this Schedule;

“**Environmental Management Plan**” has the meaning set out in Section 4.4 of this Schedule;

“**Facility Average**” has the meaning set out in Appendix 4B [Help Desk];

“**Facility Users**” means the Authority, Authority Persons, physicians, patients, visitors, students and volunteers using or present at the Facility;

“**Five Year Maintenance Plan**” has the meaning set out in Section 4.3 of this Schedule;

“**Floor Care Ratio**” has the meaning set out in Appendix 4B [Help Desk];

“**Help Desk**” means the contact point established by Project Co in respect of the Help Desk Services for the notification of Demand Requisitions, the occurrence of Events and other matters arising in relation to the provision of Services;

“**Joint Technical Review**” has the meaning set out in Section 3.11 of Appendix 4A [General Management];

“**Life Cycle Plan**” has the meaning set out in Section 4.7 of this Schedule;

“Life Cycle Report” has the same meaning as Facility Condition Report set out in Appendix 4M [Life Cycle Schedule];

“Life Cycle Schedule” has the same meaning as schedule 2 in Appendix 4M [Life Cycle Schedule];

“Non-Core Hours” means the period of time between 11:00pm and 7:00am;

“NWT Infection Prevention and Control Manual” means the document provided by the Authority which sets out their infection prevention approach and control;

“Operating Period Joint Committee” means the committee established pursuant to Section 2.2(a) of this Schedule;

“Operating Period Representative” has the meaning set out in Section 2.1 of this Schedule;

“Performance Indicators” means the performance indicators described in each Appendix of Schedule 4;

“Performance Monitoring Program” means the performance monitoring system, equipment and procedures in place for monitoring performance of the Services as more particularly described in Section 6.1 of this Schedule;

“Performance Monitoring Report” has the meaning set out in Section 6.2 of this Schedule;

“Plans” means the Start-up Plan, the Annual Service Plan, the Five Year Maintenance Plans, the Life Cycle Plan, the Environmental Management Plan, the Energy Management Plan and the Services Quality Plans;

“Proposal Extracts (Services)” means the proposal extracts attached as Appendix 4O of this Schedule;

“Quality Ratio” has the meaning set out in Appendix 4B [Help Desk];

“Rectification” means, following the occurrence of an Event, making good the Event so that the subject matter of the Event complies with the levels of performance required pursuant to this Agreement, including (a) restoring all functional capability and (b) ensuring that all affected Functional Units comply with the Availability Condition; **“Rectify”** and **“Rectified”** will be construed accordingly;

“Rectification Time” means the period of time following a Demand Requisition or other electronic report or recording by the BMS during which Project Co must Rectify, each as indicated as a “Rectification Time” for the relevant Service in the Performance Indicators;

“Reporting Error” has the meaning set out in Section 6.5 of this Schedule;

“Respond” and **“Response”** means:

- (a) with respect to all Services, the appropriate personnel attending the location of the Event, making the location, and all affected locations safe, in accordance with Good Industry Practice, and providing a plan acceptable to the Authority, acting reasonably, for the Rectification of the Event; and

- (b) with respect to routine matters for all Services, means either the foregoing or an electronic response from the Help Desk confirming the details of the Event and providing a plan acceptable to the Authority, acting reasonably, for the Rectification of the Event;

“Response Time” means the period of time following a Demand Requisition or other electronic report or recording by the BMS during which Project Co must Respond, each as indicated as a “Response Time” for the relevant Service in the Performance Indicators;

“Services Quality Plan” has the meaning set out in Section 4.6 of this Schedule;

“Solid Waste Management Plan” means a document which describes how solid waste will be managed within the Facility as required by the City to fulfil rezoning requirements, and which sets out the solid waste management practices for the Facility;

“Start-up Plan” means the plan described in Section 4.1 of this Schedule;

“Sub-Contractor Termination Notice” has the meaning set out in Section 6.8 of this Schedule;

“Territorial Guidelines for Environmental Cleaning” means the documentation to be provided by the Authority which sets out their approach and minimum standards for Environmental Cleaning;

“Transition Manager” means the individual appointed by Project Co pursuant to Section 2.3 of this Schedule to lead and manage the process of transition to facilitate Service Commencement;

“Transition Steering Committee” means the committee established by Project Co pursuant to Section 2.3(d) of this Schedule to coordinate the entire transition process including but not limited to the Services and Equipment from the existing to the new Facility; and

“Utility Management Services” has the meaning set out in Section 5.5 of this Schedule.

2. ADMINISTRATION

2.1 Operating Period Representatives

- (a) Not less than one year before the Target Service Commencement Date, each of the parties will designate in writing a person (the **“Operating Period Representative”**) to be that party’s single point of contact with respect to the Operating Period and the Services.
- (b) Subject to limits of authority pursuant to Section 2.1 of this Agreement, a party’s Operating Period Representative will have full authority to act on behalf of and bind the party with respect to Services, except an Operating Period Representative will not have the authority to execute or to agree to any amendments or to give any waivers of this Agreement.
- (c) Project Co’s Operating Period Representative will be a Key Individual. A party’s Design and Construction Representative may also be the party’s Operating Period Representative.

- (d) Subject to Section 2.8 of this Agreement in respect of Key Individuals, a party may at any time and at its discretion by written notice to the other party change the person appointed as its Operating Period Representative. If at any time a party objects to the Operating Period Representative of the other party then the other party will give reasonable consideration to replacing the Operating Period Representative with a person reasonably acceptable to the objecting party.
- (e) Except as otherwise set out in this Agreement, all costs or expenses incurred by or with respect to a party's Operating Period Representative will be for the account of that party.

2.2 Operating Period Committee

- (a) Not less than one year before the Target Service Commencement Date, the Authority and Project Co shall establish, and will maintain throughout the Operating Period, a joint liaison committee (the "**Operating Period Joint Committee**") consisting of the Operating Period Representatives and such other members as the parties may agree from time to time.
- (b) The purpose of the Operating Period Joint Committee is to provide a formal forum for the parties to consult and cooperate in all matters relating to the Facility during the Operating Period together with any issues arising with respect to commissioning prior to the Service Commencement Date. Any member appointed to the Operating Period Joint Committee will not have any duties or obligations arising out of such appointment independent of such member's duties or obligations to the party making such appointment.
- (c) The Operating Period Joint Committee:
 - (1) will only have the authority as expressly delegated to it by the Authority and Project Co, and both parties will give reasonable consideration to delegating appropriate authority to permit efficient decision making with respect to the Facility and the Services;
 - (2) may strike, establish terms of reference for, delegate authority and appoint members having the necessary experience and qualifications to such sub-committees as the Operating Period Joint Committee may determine are necessary from time to time and all such sub-committees will report to the Operating Period Joint Committee;
 - (3) will establish protocols and procedures for undertaking the tasks and responsibilities delegated to it, including a co-operative and consultative process to review all Plans submitted to it pursuant to Section 4.8 of this Schedule;
 - (4) may make recommendations to the parties on all matters relating to the Facility and the Services, which the parties may accept or reject in their complete discretion; and

- (5) will have no authority to agree to any amendments or to give any waivers of this Agreement.
- (d) Subject to the provisions of this Agreement, the members of the Operating Period Joint Committee may adopt such procedures and practices for the conduct of the activities of the Operating Period Joint Committee as they consider appropriate from time to time and may:
 - (1) invite to any meeting of the Operating Period Joint Committee such other (non-voting) persons as a member may decide; and
 - (2) receive and review a report from any person agreed by the members of the Operating Period Joint Committee.
- (e) Recommendations of the Operating Period Joint Committee must be unanimous and any matters which cannot be resolved by the Operating Period Joint Committee may be referred to the Dispute Resolution Procedure by either the Authority or Project Co.
- (f) The Operating Period Joint Committee will meet (unless otherwise agreed by its members) at least once each month at a space provided by the Authority, and from time to time as necessary. Any member of the Operating Period Joint Committee may convene a meeting of the Operating Period Joint Committee at any time. Meetings of the Operating Period Joint Committee will be convened on not less than 10 Business Days' notice (which will also identify the agenda items to be discussed at the meeting) provided that in an urgent situation a meeting may be called at any time on such notice as may be reasonable in the circumstances.
- (g) Minutes of all recommendations and meetings of the Operating Period Joint Committee will be kept by Project Co in accordance with Schedule 14 [Records and Reports] and copies circulated promptly to the parties within five Business Days of the making of the recommendation or the holding of the meeting.

2.3 Transition

- (a) Project Co shall be responsible for the management of the overall transition program including but not limited to Services and the Equipment and the Authority shall provide relevant information as requested by Project Co and shall cooperate with Project Co's transition efforts. Project Co shall provide resources and methodology to assess the Authority operations, and develop an appropriate transition strategy and plan.
- (b) Project Co shall staff their transition team with the appropriate level and quantity of project resources to support the transition elements of the Start-up Plan.
- (c) Project Co shall appoint a Transition Manager who shall be responsible for integrating the work activity across the multiple transition program work streams during the transition period. Key responsibilities that shall be managed by Project Co throughout the transition include:

- (1) overall transition responsibility with focus on key milestones and dependencies;
 - (2) execution of the transition elements of the Start-up Plan in accordance with the Project Schedule;
 - (3) weekly status reporting by Project Co to update key stakeholders from the Authority with regard to transition progress and issues;
 - (4) issue log issued at regular intervals, providing a summary of issues that must be addressed to ensure the transition program is successful; and
 - (5) ensure sufficient training of all stakeholders prior to the Service Commencement Date.
- (d) Project Co shall establish a joint Transition Steering Committee to oversee the development and implementation of the transition. The Transition Steering Committee shall be comprised of senior representatives from Project Co and the Authority who have the authority to address matters that may arise during the transition.

2.4 Authority Not Responsible for the Services

The Authority's rights of review, acceptance, approval or confirmation of compliance with respect to any aspect of the Services will be for the Authority's benefit only, and no acceptance, approval or confirmation of compliance by the Authority's Operating Period Representative or other representative of the Authority will in any way relieve Project Co of its obligation for all aspects of the Services except as may be expressly set out in this Agreement.

3. PERFORMANCE OF SERVICES

3.1 Delivery of Services

Project Co shall at all times during the Operating Period provide the Services in accordance with the:

- (a) specifications set out in this Schedule and all Appendices to this schedule;
- (b) Proposal Extracts (Services); and
- (c) operational Plans then in effect.

3.2 Permits for Services

Except as expressly provided otherwise in this Agreement, Project Co shall obtain all Permits required for the performance of the Services. Project Co shall keep the Authority's Operating Period Representative fully informed of the details of all discussions and negotiations with Governmental Authorities with respect to all Permits for which it is responsible and, upon request from the Authority's Operating Period Representative, Project Co shall provide to the Authority copies of all documentation and correspondence with a Government Authority relating to such Permits. Project Co shall provide reasonable advance notice to the Authority of any meetings with Governmental Authorities (where practicable) and upon request by the Authority a representative of the Authority may attend any such meetings. Project Co assumes all risk

and costs arising in relation to Permits for which Project Co is responsible as described in this Section 3.2, including delays to the Project Schedule arising from delays in obtaining Permits or inability to obtain Permits, conditions of obtaining Permits, or amendments to Permits as may be required.

The Authority shall provide Project Co with such information within the Authority's possession, and co-operate with Project Co, as Project Co may reasonably require in relation to all Permits for which Project Co is responsible.

3.3 Standards

Project Co shall at all times during the Operating Period provide the Services:

- (a) in accordance with the standards set out in this Schedule;
- (b) in compliance with all applicable Laws;
- (c) in compliance with all applicable Authority Policies and all such Authority Policies will be interpreted to apply to Project Co and its Sub-Contractors and employees in the same manner as applicable to the employees and sub-contractors of the Authority;
- (d) to the standards required to maintain the Facility's full accreditations (the "**Accreditations**") under:
 - (1) Accreditation Canada;
 - (2) the Diagnostic Accreditation Program of the College of Physicians and Surgeons;
 - (3) Health Canada;
 - (4) Enhanced Water Quality Assurance (EWQA);
 - (5) the Public Health Agency of Canada; and
 - (6) the Canadian Food Inspection Agency,to the extent the Services contribute to the maintenance of the Accreditations;
- (e) in a manner based on sound technical and operational procedures in accordance with Good Industry Practice; and
- (f) to the same standards that an experienced, prudent, and knowledgeable long term owner of a comparable public health care facility in Canada would employ, taking into account the age and use of the comparable facility.

If one or more of the foregoing standards is applicable to any particular Service, then the highest of such standards will apply, provided that in all cases such standard or standards will be applied taking into account the age, use and reasonable wear and tear of the Facility.

3.4 Changes to Authority Policies

If the Authority changes any Authority Policies, including by any amendments or additional policies referenced in the definition of "Authority Policies", and such changes to Authority Policies are a Change and might reasonably be expected to result in a material increase in Project Co's costs of performing the Services, the terms of Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply.

4. OPERATING PERIOD PLANS

4.1 Start-up Plan

Project Co shall prepare in consultation with the Design-Builder and the Service Provider one year prior to the Target Service Commencement Date a Start-up Plan incorporating the following:

- (1) a schedule identifying the tasks to be completed prior to the Service Commencement Date and the targeted completion dates of such tasks so that Project Co shall be in a position to commence delivery of the Services on the Service Commencement Date;
- (2) a detailed description of the transition strategy, schedule and resourcing to be implemented by Project Co;
- (3) the Annual Service Plan for the first 12 months of the Operating Period;
- (4) a preliminary Five Year Maintenance Plan;
- (5) a preliminary Environmental Management Plan;
- (6) a preliminary Energy Management Plan;
- (7) a preliminary Services Quality Plan;
- (8) a preliminary Life Cycle Plan; and
- (9) a detailed description of all elements of the Performance Monitoring Program and how such program will be implemented at the Service Commencement Date.

The Start-up Plan must be reasonable having regard to the requirements of this Agreement and will be developed and finalized as follows:

- (a) the Authority will, acting reasonably, make itself available to consult with Project Co and the Services Provider in connection with the development of the Life Cycle Report and the Start-up Plan;
- (b) Project Co shall deliver preliminary drafts at the 85% completion level and in accordance with Good Industry Practice of the Start-up Plan to the Authority not less than 240 days before the Target Service Commencement Date, failing which the Authority will be entitled to make a Deduction of:

- (1) [REDACTED] for each week, or part thereof, from the date falling 240 days before the Target Service Commencement Date until Project Co has delivered to the Authority a preliminary draft of the Start-up Plan,

provided that if Project Co has not delivered to the Authority a preliminary draft of the Start-up Plan, as the case may be, by the date falling 150 days before the Target Service Commencement Date, the Deduction applicable under this Section (b) will increase to [REDACTED];

- (c) the Authority will provide its comments, if any, on the preliminary drafts of such Plan to Project Co within 40 days of receipt of the preliminary drafts;
- (d) Project Co shall deliver revised drafts of the Start-up Plan to the Authority not less than 40 days after receiving the Authority's comments on the preliminary drafts of such Plan, failing which, the Authority will be entitled to make a deduction of:
 - (1) [REDACTED] for each week, or part thereof, after the date falling 40 days after the Authority delivered its comments on the preliminary draft of the Start-up Plan;
- (e) the Authority will, within 15 Business Days of receipt of the revised drafts, advise Project Co whether the Authority accepts the Start-up Plan, and if the Authority does not accept such Plan the Authority will provide its reasons for such non-acceptance in sufficient detail to allow Project Co to address them;
- (f) if the Authority does not accept the Start-up Plan, the parties will, acting reasonably, diligently work together with a view to revising the Start-up Plan to address the Authority's reasons for non-acceptance;
- (g) if the Authority has not accepted the Start-up Plan by the date that is 120 days before the Target Service Commencement Date, Project Co may refer the dispute to the Dispute Resolution Procedure to determine whether Project Co's proposed Start-up Plan is reasonable;
- (h) if the Authority has not accepted the Start-up Plan by the Target Service Commencement Date, unless such Plan has been determined to be reasonable under the Dispute Resolution Procedure, the Authority will be entitled to make a Deduction of:
 - (1) [REDACTED] for each week, or part thereof, after the Service Commencement Date until the Start-up Plan has been accepted by the Authority or it is determined through the Dispute Resolution Procedure that Project Co's proposed Start-up Plan is reasonable;
- (i) any Deduction the Authority is entitled to make pursuant to this Section 4.1 will be made from the first Service Payment(s) payable to Project Co, or subsequent Service Payments with respect to Deductions arising from Section 4.1(h), payable to Project Co; and

- (j) Deductions made pursuant to this Section 4.1 will not be counted for the purposes of Sections 11.1 or 12.1(h) of this Agreement or 6.7 or 6.8 of this Schedule 4.

4.2 Annual Service Plans

Project Co shall establish and implement an annual service plan (the “**Annual Service Plan**”) for the delivery of the Services in accordance with the terms of this Agreement and Good Industry Practice which will include:

- (a) detailed operational policies, procedures and practices for the Facility and the Services including the methods by which Project Co shall deliver the Services such that they:
 - (1) are consistent with the Appendices to this Schedule 4;
 - (2) will not interfere in any material respect with and will be complementary to the delivery of health care and other related services by the Authority and Authority Persons and use of the Facility by Facility Users; and
 - (3) have regard for the needs and interests of all Facility Users;
- (b) a detailed organizational and staffing plan for all employees of Project Co, the Service Provider and Sub-Contractors which includes:
 - (1) provision of:
 - (A) sufficient and appropriately qualified, licensed, trained, experienced and competent employees or Sub-Contractors with the skills necessary to perform the Services; and
 - (B) a designated site manager or responsible delegates who will be contactable by the Authority and one of whom will be available at the Facility within one hour's notice from the Authority;
 - (2) policies and procedures with respect to:
 - (A) occupational health and workplace safety including:
 - (i) infection control policies (including routine precautions, isolation, hand washing, blood, body fluid protocols, Legionella precautions, etc.) consistent with those of the Authority in effect for the Facility;
 - (ii) the provision of immunization and infection testing programs consistent with those of the Authority in effect for the Facility, including those for influenza, Hepatitis B and Tuberculosis or other communicable diseases and otherwise to meet the requirements of Section 3.5(b) of Appendix 4A [General Management Services];

- (iii) personal hygiene and hand washing;
 - (iv) the provision of appropriate dress and appropriate personal protective equipment (gowns, face shields, masks, hard hats, safety vests, safety footwear, eye protection, hearing protection, arc-flash protection etc.);
 - (v) the provision of identification systems reasonably required by the Authority;
 - (vi) appropriate rules of conduct for the Facility;
 - (vii) first aid training; and
 - (viii) use of all applicable equipment;
 - (B) confidentiality and privacy policies consistent with those of the Authority in effect for the Facility;
 - (C) appropriate Facility orientation and job training; and
 - (D) responding to codes and emergency alarms and procedures used by Project Co and the Authority at the Facility;
- (3) procedures for reporting to the Authority any employee of Project Co, the Service Provider or any Sub-Contractor:
- (A) suffering from any illness which may compromise the health or safety of any Facility User; and
 - (B) instances of any employee of Project Co, the Service Provider or any Sub-Contractor having had contact with any person suffering from any illness which may compromise the health or safety of any Facility User;
- (4) procedures for obtaining and reviewing with the Authority criminal records checks for all new employees of Project Co, the Service Provider or any Sub-Contractors (and their employees) directly employed in the provision of the Services and:
- (A) ensuring no such persons commence work until the results of a recent criminal record check is received, reviewed and is satisfactory to the Authority; and
 - (B) terminating the employment of any person whose criminal record is not satisfactory to the Authority;
- (c) details of any proposed amendments to the Performance Monitoring Program and the methods by which Project Co shall satisfy the reporting requirements described in Section 6 of this Schedule 4;

- (d) provision for the training and re-training of all Facility Users designated by the Authority, acting reasonably, including the Authority's employees, contractors and sub-contractors, physicians, students and volunteers engaged at the Facility, as to the use and operation of the Help Desk, communication systems and all other electronic monitoring systems and equipment provided by Project Co;
- (e) an auditable quality assurance control plan based on Good Industry Practice and ISO9001 and details, changes and specific areas targeted for improvement as part of the Services Quality Plan for the Services and all aspects of the Facility for which Project Co is responsible under this Schedule 4, including preparing, in conjunction with the Authority, and implementing annual comprehensive surveys of the Services, and surveys to receive direct feedback from Facility Users regarding the delivery of the Services at the task-specific level;
- (f) a comprehensive cleaning plan for the Facility including details with respect to Planned Periodic Cleaning, Reactive Cleaning, Enhanced Cleaning and Outbreak Cleaning including:
 - (1) daily and cyclical work routines and cleaning schedules for all Planned Periodic Cleaning, including routine cleaning and cyclical deep cleaning of the Cleaned Elements;
 - (2) cleaning and staffing schedules for Planned Periodic Cleaning and Reactive Cleaning, including patient room discharge cleans and post-procedural cleans of surgical and birthing suites;
 - (3) routine and restorative floor cleaning plan and program, including cleaning frequencies and materials;
 - (4) an upholstery cleaning, care and maintenance plan and program;
 - (5) an exterior area cleaning program for exterior areas of the Facility included in the Cleaned Elements; and
 - (6) details of all cleaning products, including Material Safety Data Sheets, to be used in the Facility all of which must be approved by the Authority as meeting infection control and workplace health and safety personnel standards then in effect;
- (g) a comprehensive catering plan for the Facility including details with respect to:
 - (1) daily meal and snack times for delivery to wards and patient dining areas;
 - (2) opening times for staff/visitor catering;
 - (3) sample menu plan for patient catering (typically a rolling 3 or 4 week menu);
 - (4) protocol for food ordering by patients;
 - (5) protocol for ordering meals/snacks outside meal times;

- (6) staffing schedules;
 - (7) details of any food hygiene accreditations or audits;
 - (8) procedures for monitoring food waste.
- (h) a comprehensive plan for carrying out monthly and annual audit procedures in accordance with the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning;
- (i) the development, maintenance and implementation of a system to record:
- (1) failures to attain the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning; and
 - (2) the development and implementation of actions to remedy such failures;
- (j) details of all:
- (1) maintenance undertaken during the previous year, including a summary of all Service Failures and Unavailability Events incurred and corrective actions undertaken including service requests; and
 - (2) Scheduled Maintenance plans for the ensuing year, including:
 - (A) date and time when the work is scheduled to be performed;
 - (B) location of the work to be undertaken;
 - (C) identification of activities which may cause disruption to the Authority or other Facility Users and the methods by which Project Co shall make appropriate accommodations to minimize such disruptions;
 - (D) a risk assessment, including with respect to health and safety; and
 - (E) any changes proposed to Maintenance Access Times either by the Authority or by Project Co;
- (k) a comprehensive preventive maintenance program comprised of planned and scheduled cyclical maintenance of all Maintained Elements planned, scheduled, controlled and monitored utilizing the CMMS and including:
- (1) hierarchical based component identification utilizing ASTM Uniformat II (E1557-97) Classification of Building Elements;
 - (2) description (make, model, serial #, capacity, efficiency rating, etc);
 - (3) location;
 - (4) priority classification;

- (5) unique identification code;
 - (6) maintenance job plan description including:
 - (A) detailed maintenance and testing procedures;
 - (B) warranty requirements;
 - (C) parts and consumables;
 - (D) regulatory or statutory requirements; and
 - (E) special instructions;
 - (7) frequency;
 - (8) scheduled dates;
 - (9) maintenance history including planned and unplanned;
 - (10) service provider (staff or contractor);
 - (11) condition assessment, status and test results; and
 - (12) notes including inspection observations, recommendations and comments;
- (l) provision for:
- (1) updating the cable infrastructure operational plan and communicating any such updates to the Authority as required by the Authority; and
 - (2) evaluating the maximum Facility demand for services and utilities, including the required thermal energy consumption rate and the normal power and emergency power requirements, and communicating such information to the Authority;
- (m) provision for undertaking:
- (1) routine inspection and testing and servicing, in accordance with the requirements of the insurers of the Project, recommended manufacturers' guidance and Good Industry Practice, of:
 - (A) Building Systems including: Heating, Ventilation and Air Conditioning (HVAC) systems, controls, plumbing and water systems, boilers and related systems and components, elevators, lifting and conveying devices, mechanical systems, lighting and electrical distribution systems, calorifiers and sterilizers;
 - (B) life safety and emergency systems including: standby generators and associated transfer switches, uninterrupting power supplies (UPS) standby domestic pumps, fire alarms, fire fighting equipment and

suppression systems, security systems and devices, emergency lighting systems and exit signs, voice communication systems, medical gas systems, demineralized water system for heating plant, potable water storage, fuel storage, etc.; and

- (C) building envelope, structural systems, building finishes and fabric including: floors, walls and ceiling coverings, paint, hardware, windows, doors, cladding, roofing systems, and other architectural and structural components;
- (2) testing for legionella;
- (3) testing, labeling and recording of all portable appliances, including:
 - (A) testing and certifying all portable test equipment, pressure gauges and recording equipment;
 - (B) testing and certifying all fixed instrumentation and will take the necessary action to repair, replace and adjust such devices as required; and
 - (C) ensuring that all test equipment is itself tested and carrying the necessary valid certification;
- (4) commissioning and re-commissioning plans for all new plant operations, systems and equipment; and
- (5) a comprehensive inspection and maintenance program of all parking structures in the manner contemplated in CAN/CSA S413 – 2007;
- (n) an analysis of historical operating performance trends and identification of potential service adjustments required for improved delivery of the Services to the Authority and Facility Users;
- (o) comprehensive emergency code response plans, including fire (code red), emergency, disaster preparedness, post-disaster operational and contingency response plans for the Facility which are in accordance with the territorial emergency response management system, local emergency response plan and integrated and consistent with those of the Authority, which will include:
 - (1) plans and procedures for:
 - (A) Project Co's role in fire safety and response in conjunction with the Authority and the relevant fire officials, including fire drills on all work shifts;
 - (B) Project Co's role in the evacuation of the Facility in the event of fire or other emergencies;

- (C) evacuation of areas of the Facility or Project Co's role in a declared outbreak, pandemic or emergency;
 - (D) Project Co's role during and after a natural disaster such as flood or earthquake;
 - (E) Project Co's business contingency and service resumption plans;
 - (F) Project Co's role in an evacuation event (code green);
 - (G) Project Co's role in a mass casualty event (code orange);
 - (H) Project Co's role in a missing patient event (code yellow);
 - (I) Project Co's role in a child abduction event (code pink);
 - (J) Project Co's role in a bomb threat event (code black);
 - (K) Project Co's role in an aggression event (code white);
 - (L) Project Co's role in a hazardous spill event (code brown); and
 - (M) Project Co's role in a critical infrastructure failure event (code grey);
- (2) training of all Project Co staff with respect to each contingency code, including fire safety;
 - (3) maintenance of access to the Facility by emergency vehicles by roadway and alternative fire paths and ensuring that all such routes are well marked by way of road signs and the use of hatched road markings;
 - (4) provision that all available site-based Project Co staff will provide whatever assistance can safely be provided in response to an emergency including:
 - (A) responding to a fire or other emergency alarm;
 - (B) reporting blocked fire access routes to the Help Desk and to the Authority;
 - (C) assisting the Authority to limit unauthorized access to the scene of a fire or other emergency;
 - (D) assisting in the evacuation of the affected areas; and
 - (E) liaising with external agencies, including the Fire Department as part of its response in relation to an incident; and
 - (5) confirmation that:

- (A) all emergency procedures and contingency plans including, fire compartmentalization design, provision of escape routes and provision of fire fighting equipment and systems are compliant with the requirements of this Agreement; and
- (B) the fire alarm system is properly certified;
- (p) plans detailing procedures for responding to Unavailability Events and Service Failures;
- (q) protocols and procedures for cooperation with the Authority and Authority Persons in respect to the Authority's operations at the Facility, including:
 - (1) repair and maintenance protocols for all infrastructure, utilities, systems and equipment integrated or connected with those of the Authority or other Facility Users;
 - (2) the movement of waste by Project Co from the Facility to the sole central waste disposal area and the operation of compactors and other waste disposal equipment in such disposal area; and
 - (3) receipt by the Authority at the main loading dock of goods and supplies required by Project Co to perform the Services, and Project Co's movement of such goods and supplies to the Facility;
- (r) a procedure to ensure regular liaison and communication between Project Co's managers and supervisors and the Authority and Authority Persons to facilitate the delivery of the Services and to ensure Project Co is made aware of the day-to-day specific requirements of the Facility Users;
- (s) details of any proposals for changes to the manner in which Project Co delivers the Services and the anticipated impact of those changes on the Authority and Facility Users;
- (t) a description of the arrangements and services to be provided by Project Co in respect of religious observances and other special cultural occasions which the Authority notifies Project Co are to be observed and recognized at the Facility provided any such arrangements and services will be consistent with those commonly recognized within the community; and
- (u) an update of the Five Year Maintenance Plan, the Life Cycle Plan, the Environmental Management Plan, the Energy Management Plan and the Services Quality Plans, as set out in Section 4.9(c)(2) detailing the elements and schedule of each such Plan to be implemented during the ensuing 12 month period.

4.3 Five Year Maintenance Plan

Project Co shall establish and implement throughout the Operating Period a rolling five year maintenance plan (the "**Five Year Maintenance Plan**") for the Facility and the Maintained Elements based on Good

Industry Practice which will include details and scheduling of planned, preventative and replacement maintenance programs, including those set out in the Life Cycle Plan, to be undertaken during that period.

4.4 Environmental Management Plan

Project Co shall establish and implement throughout the Operating Period an environmental management plan (the “**Environmental Management Plan**”) for the Facility based on Good Industry Practice which will include Project Co’s policies and procedures for:

- (a) managing all solid waste streams in accordance with the Solid Waste Management Plan;
- (b) maintaining a safe environment through the use of processes, practices, materials and products that avoid or minimize the production or disposal of Hazardous Substances;
- (c) managing and maintaining inventories of hazardous materials on the Lands, developing handling procedures and providing reporting in the format required by the Authority;
- (d) ensuring that the Services are integrated and performed in a careful and environmentally responsible fashion to minimize adverse effects on health and the environment;
- (e) managing and minimizing air and waste water emissions including greenhouse gases, halocarbons and other ozone depleting substances;
- (f) managing fuel storage tanks;
- (g) managing sound and light pollution from the Facility;
- (h) implementing a proactive indoor air quality (IAQ) management program;
- (i) ensuring that all materials used in the Maintenance of the Maintained Elements over the life of the Facility meet the low VOC requirements described in Schedule 3 [Design and Construction Specifications];
- (j) ensuring drinking water quality and safety;
- (k) implementing a proactive mould growth and legionella prevention program;
- (l) developing a Facility Users’ environmental awareness program in conjunction with the Authority;
- (m) adhering to, updating and maintaining as current the operational policies, procedures and practices for the performance of the Services; and
- (n) reporting to the Authority on the development and implementation of all programs and procedures intending to reduce the environmental impact of the delivery of the Services.

4.5 Energy Management Plan

Project Co shall establish and implement throughout the Operating Period an energy management plan (the “**Energy Management Plan**”) for the Facility based on Good Industry Practice which will include Project Co’s policies and procedures for:

- (a) ensuring full commitment to responsible energy management without comprising the working environment and safety of Authority Persons or Facility Users;
- (b) understanding the energy usage and identifying inefficient practices;
- (c) setting agreed objectives and targets to reduce energy consumption;
- (d) managing the energy usage and reducing the energy operating costs by implementing sound operating and maintenance practices including the maintenance of efficiency ratings of all Building Systems; and
- (e) developing and promoting an energy awareness program for all Facility Users in conjunction with the Authority.

The parties will monitor compliance with the Energy Management Plan at each meeting of the Operating Period Joint Committee. Where Project Co does not comply with the Energy Management Plan, then Section 4.3 of Appendix 2C [Energy] will apply to adjust the Annual Energy Target by an appropriate amount to reflect the effect of non-compliance.

4.6 Services Quality Plan

Project Co shall establish and implement throughout the Operating Period an auditable services quality plan (the “**Services Quality Plan**”) and quality assurance system based on Good Industry Practice and the requirements of the Authority’s quality framework as amended from time to time, for the Services, which will:

- (a) track all non-conformances in the performance of the Services;
- (b) form part of the Performance Monitoring Report;
- (c) include a remedial action plan and continuous business improvement process to address non-conformances including Unavailability Events and Service Failures; and
- (d) include preparing and implementing surveys, in conjunction with the Authority, to receive feedback from Facility Users regarding the delivery of the Services.

All quality assurance and quality monitoring required by this Schedule 4 will form part of, but will not be construed as limiting, Project Co’s quality assurance obligations as set out in Schedule 2 [Design and Construction Protocols].

4.7 Life Cycle Plan

Project Co shall establish and implement throughout the Operating Period in conjunction with, and include as a component of, the Five Year Maintenance Plan, an asset life cycle and rehabilitation plan (the “**Life Cycle Plan**”) for all Maintained Elements based on the Life Condition Report, including an up to date version of the model plan attached as Appendix 4M [Life Cycle Schedule] that sets out the proposed parameters for the anticipated life of major elements, and Good Industry Practice which will include:

- (a) the methods and practices by which Project Co shall:
 - (1) ensure the long-term integrity and ongoing operational serviceability of the Facility;
 - (2) preserve the design and performance criteria for all aspects of the Facility;
 - (3) ensure that on the Expiry Date all aspects of the Facility for which Project Co is responsible are functional to the standard specified in Schedule 20 [Handback Requirements];
 - (4) minimize, to the extent reasonably possible, disruption to the Authority’s activities and programs at the Facility; and
 - (5) initiate emergency procurement to enable timely replacement and response to the unexpected failure of elements of the Facility;
- (b) specific refurbishment and replacement strategies, key assumptions and annual cost provisions for all aspects of the Facility for which Project Co is responsible, categorized by major elements; and
- (c) the development, management and operation of a comprehensive electronic inventory control system and asset register (based on the initial Asset Register established under Schedule 2 [Design and Construction Protocols] and as updated) that provides up-to-date records for all aspects of the Facility including building architectural, mechanical and electrical elements and systems.

4.8 Preparation of Plans

Project Co shall work co-operatively with the Authority’s Operating Period Representative in the preparation of all Plans and will submit draft Plans for review and comment by the Operating Period Joint Committee prior to formal submission of such Plans to the Authority pursuant to Section 4.9 of this Schedule.

4.9 Submission of Plans to the Authority

- (a) Start-up Plan:

No later than 240 days prior to the Target Service Commencement Date, Project Co shall submit to the Authority’s Operating Period Representative the Start-up Plan;

- (b) Annual Service Plans:
 - (1) In accordance with Section 4.1 of this Schedule 4, the first Annual Service Plan will be submitted with the Start-up Plan.
 - (2) With respect to each Contract Year (commencing with the Contract Year that starts April 1 of the year following the calendar year in which the Service Commencement Date occurs), Project Co shall no later than 30 days prior to the start of the Contract Year submit to the Authority's Operating Period Representative, the Annual Service Plan for the relevant Contract Year.
- (c) Five Year Maintenance Plans, Life Cycle Plans, Environmental Management Plans, Energy Management Plans and Services Quality Plans:
 - (1) In accordance with Section 4.1 of this Schedule 4, the Five Year Maintenance Plan, the Life Cycle Plan, Environmental Management Plan, Energy Management Plans and Services Quality Plans will be submitted with the Start-up Plan.
 - (2) In accordance with Section 4.2(u) of this Schedule 4, updates of the Five Year Maintenance Plan, the Life Cycle Plan, Environmental Management Plan, Energy Management Plans and Services Quality Plans will be included with updates of the Annual Service Plans.

The Authority will review the Plans and may, but will not be obliged to, provide comments to Project Co within 35 days of receipt proposing changes to such Plans that the Authority considers desirable or necessary. Project Co shall have due regard for any comments which the Authority may have in relation to any of such Plans and will attend such meetings as the Authority or the Authority's Operating Period Representative may reasonably require in order to discuss the Authority's comments and proposals provided that:

- (d) it will remain Project Co's responsibility to ensure that its obligations in relation to the Facility and the Services are carried out in accordance with this Agreement; and
- (e) no comments or lack of comments will impose any liability on the Authority or in any way relieve Project Co of its obligations under this Agreement.

4.10 Failure to Prepare Plans

Any failure of Project Co to prepare and submit to the Authority any Plan in accordance with this Section 4 will be deemed to be a High Service Failure on each day the Plan is due and not submitted.

4.11 Amendment of Plans

Project Co shall follow the review procedure described in Section 4.9 of this Schedule 4 prior to amending any Plan.

4.12 Authority Comments

The following will apply to the changes to Plans proposed by the Authority:

- (a) comments provided by the Authority proposing changes to Plans submitted to it by Project Co under the review procedure described in Section 4.9 of this Schedule 4, are not Changes and will be completed at Project Co's cost (except to the extent that any such requested change would constitute a material change to this Agreement, the terms of Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply and such change will not be implemented except under a Change Certificate issued by the Authority); and
- (b) if and to the extent the Authority requires an amendment to any of the Plans that it has previously reviewed and commented on (other than an amendment required to bring the Services into conformity with the Services Protocols and Specifications) then such amendment will be a Change and the terms of Schedule 6 [Changes, Minor Works and Innovation Proposals] will apply.

5. SERVICES

5.1 General Management Services

Project Co shall perform the general management services described in Appendix 4A (the "**General Management Services**").

5.2 Help Desk Services

Project Co shall perform the help desk services described in Appendix 4B (the "**Help Desk Services**").

5.3 Plant Services

Project Co shall perform the plant services described in Appendix 4C (the "**Plant Services**").

5.4 Housekeeping and Waste Management Services

Project Co shall perform the housekeeping and waste management services in Appendix 4D (the "**Housekeeping and Waste Management Services**").

5.5 Utility Management Services

Project Co shall perform the utility management services described in Appendix 4E (the "**Utility Management Services**").

5.6 Roads, Grounds and Landscape Maintenance

Project Co shall perform the roads, grounds and landscape maintenance services described in Appendix 4F (the "**Roads, Grounds and Landscape Maintenance Services**").

5.7 Parking Management Services

Project Co shall perform the parking management services described in Appendix 4G (the “**Parking Management Services**”).

5.8 Environmental and Sustainability Services

Project Co shall perform the environmental and sustainability services described in Appendix 4H (the “**Environmental Sustainability Services**”).

5.9 Pest Control Services

Project Co shall perform the pest control services described in Appendix 4I (the “**Pest Control Services**”).

5.10 Security and Surveillance Services

Project Co shall perform the security and surveillance services described in Appendix 4J (the “**Security and Surveillance Services**”).

5.11 Laundry and Linen Services

Project Co shall perform the laundry and linen services described in Appendix 4K (the “**Laundry and Linen Services**”).

5.12 Catering Services

Project Co shall perform the catering services described in Appendix 4L (the “**Catering Services**”).

5.13 Life Cycle Schedule

Project Co shall perform the life cycle schedule described in Appendix 4M (the “**Life Cycle Schedule**”).

5.14 Market Testing Procedure

Project Co shall perform the market testing procedure described in Appendix 4N (the “**Market Testing Procedure**”).

5.15 Proposal Extracts Services

Project Co shall perform the services in accordance with the services proposal extracts set out in Appendix 4O [Proposal Extracts (Services)].

5.16 Additional Services

Project Co agrees that in addition to the Services it will provide all other ancillary and additional services as may be reasonably required to achieve the standards and specifications set out in this Agreement.

6. PERFORMANCE MONITORING AND REPORTING

6.1 Project Co Performance Monitoring

Project Co shall at all times during the Operating Period have in place a Performance Monitoring Program pursuant to which Project Co shall monitor the delivery of the Services which will include:

- (a) all electronically recorded or written data, information or communications made in respect of the Services and all aspects of the Facility for which Project Co is responsible under this Schedule 4, including such data, information or communications made to or generated by the BMS, the computerized CMMS, the Help Desk, the Project Co quality assurance system and any other information system used by Project Co in connection with the Facility and the Services;
- (b) all other Project Co self-monitoring and reporting;
- (c) Project Co reporting all Demand Requisitions through the Help Desk, including those Demand Requisitions reported to or identified by Project Co separately from the Help Desk, with the intent that the Help Desk will produce a complete record of all Demand Requisitions; and
- (d) all reports in Project Co's possession or otherwise available to Project Co made by or to any Governmental Authority with respect to the Facility or the Services.

6.2 Periodic Reporting

Project Co shall prepare and deliver to the Authority's Operating Period Representative within five Business Days of the end of each Payment Period during the Operating Period a performance monitoring report (the "**Performance Monitoring Report**") as detailed in Attachment 1 of Appendix 4A [General Management Services].

Project Co shall prepare and deliver an annual Report to the Authority's Operating Period Representative within 30 calendar days of the end of each year during the Operating Period summarizing the overall performance for that annual period including all elements required under the monthly Performance Monitoring Report.

6.3 Authority Inspection and Audit

Project Co shall, on reasonable notice from the Authority:

- (a) permit the Authority to access, review and audit all records, information and reports maintained by Project Co including all Performance Monitoring Reports and other reports generated by the Performance Monitoring Program, including the methods and equipment used to calculate or determine the information therein;
- (b) ensure that the Performance Monitoring Program stores information and generates reports such that they are capable of, and readily available for, audit; and

- (c) facilitate and assist the Authority with any audit or inspection of the Facility, the Services or the Performance Monitoring Program undertaken by the Authority.

6.4 Reporting Failures

Any failure of Project Co to prepare and submit to the Authority a Performance Monitoring Report in accordance with this Schedule will be deemed to be a Medium Service Failure on the first day each Performance Monitoring Report is due and not submitted and an additional High Service Failure each day thereafter until submitted.

6.5 Reporting Errors

If any of the matters contained in a Performance Monitoring Report are incorrect or the Performance Monitoring Report fails to refer to any Unavailability Event or Service Failure that was not Rectified within the applicable Rectification Time (each of which is a “**Reporting Error**”):

- (a) Project Co shall:
 - (1) if the Reporting Error occurred other than as a result of fraud, deliberate misrepresentation, gross negligence, incompetence or wilful misconduct, or if the Reporting Error is discovered by Project Co and reported to the Authority prior to its discovery by the Authority, immediately pay to the Authority an amount equal to the amount overpaid by the Authority as a result of the Reporting Error, with interest at the Default Rate from the date of payment by the Authority to the date of repayment to the Authority; or
 - (2) if the Reporting Error occurred as a result of fraud, deliberate misrepresentation, gross negligence, incompetence or wilful misconduct, immediately pay to the Authority an amount equal to twice the amount overpaid by the Authority as a result of the Reporting Error,provided that in the first year after the Service Commencement Date, Section 6.5(a)(2) will only apply to Reporting Errors that result from wilful acts or omissions of Project Co; and
- (b) the Authority will immediately pay to Project Co an amount equal to the amount underpaid by the Authority as a result of the Reporting Error.

6.6 Parties to Advise of Reporting Errors

If at any time either the Authority or Project Co becomes aware of a Reporting Error, the party who discovers the error will immediately advise the other party of its nature and, if possible, its effect.

6.7 Increased Monitoring

If:

- (a) Project Co incurs Deductions exceeding:
- (1) ██████ (Indexed Linked) in any Payment Period in relation to the General Management Services;
 - (2) ██████ (Index Linked) in any Payment Period in relation to the Help Desk Services;
 - (3) ██████ (Index Linked) in any Payment Period in relation to the Plant Services;
 - (4) ██████ (Index Linked) in any Payment Period in relation to the Housekeeping and Waste Management Services;
 - (5) ██████ (Index Linked) in any Payment Period in relation to the Utility Management Services
 - (6) ██████ (Index Linked) in any Payment Period in relation to the Roads, Grounds and Landscape Maintenance Services;
 - (7) ██████ (Index Linked) in any Payment Period in relation to the Parking Management Services;
 - (8) ██████ (Index Linked) in any Payment Period in relation to the Environmental and Sustainability Services;
 - (9) ██████ (Index Linked) in any Payment Period in relation to the Pest Control Services;
 - (10) ██████ (Index Linked) in any Payment Period in relation to the Security and Surveillance Services;
 - (11) ██████ (Index Linked) in any Payment Period in relation to the Laundry and Linen Services;
 - (12) ██████ (Index Linked) in any Payment Period in relation to the Catering Services;
- (b) a Reporting Error (whether related to the same type of Reporting Error or not) occurs on more than three occasions in any 12 consecutive month period,

the Authority may increase its monitoring of the performance by Project Co under this Agreement and carry out any inspections and audits which it reasonably requires for a period of up to 90 days. Project Co shall reimburse the Authority for all reasonable costs and expenses incurred by the Authority in carrying out such additional monitoring, inspections and audits within five Business Days after the Authority delivers an invoice to Project Co for such amounts.

If, in any calendar month during the Operating Period, Project Co fails to attain, in accordance with the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning (such as, but not limited to, NWT Infection Prevention and Control Manual best practice guidelines), a passing score in any of the Facility Average, Quality Ratio or Floor Care Ratio categories Project Co shall, within 5 days after the end of the relevant month, generate a Housekeeping Quality Report, all in accordance with Appendix 4D Housekeeping and Waste Management Services.

6.8 Replacement of Non-Performing Service Provider or Sub-Contractor

If Project Co has accrued Deductions of:

- (a) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the General Management Services;
- (b) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Help Desk Services;
- (c) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Plant Services;
- (d) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Housekeeping and Waste Management Services;
- (e) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Utility Management Services;
- (f) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Roads, Grounds and Landscape Maintenance Services;
- (g) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Parking Management Services;
- (h) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Environmental and Sustainability Services;
- (i) [REDACTED] (Index Linked) in any two consecutive Payment Periods or [REDACTED] (Index Linked) or more in any six consecutive Payment Periods in relation to the Pest Control Services;

- (j) ██████ (Index Linked) in any two consecutive Payment Periods or ██████ (Index Linked) or more in any six consecutive Payment Periods in relation to the Security and Surveillance Services;
- (k) ██████ (Index Linked) in any two consecutive Payment Periods or ██████ (Index Linked) or more in any six consecutive Payment Periods in relation to the Laundry and Linen Services;
- (l) ██████ (Index Linked) in any two consecutive Payment Periods or ██████ (Index Linked) or more in any six consecutive Payment Periods in relation to the Catering Services;

the Authority may, by notice to Project Co (a “**Sub-Contractor Termination Notice**”), require Project Co to cause:

- (m) the termination of the Sub-Contract of the Sub-Contractor or Sub-Contractors, if any, delivering the Service which gave rise to such Deductions; or
- (n) if the Service which gave rise to such Deductions is being provided directly by the Service Provider, the termination of the Service Provider’s engagement to provide such Service.

Within 90 days of receipt of the Sub-Contractor Termination Notice, Project Co shall cause a replacement of such Sub-Contractor or Sub-Contractors or Service Provider (in respect of such Services), as the case may be, to be appointed in accordance with Sections 4.5 to 4.9 of this Agreement.

6.9 Authority’s Right of Access

The Authority may at all times during the Operating Period, without notice, access, audit and inspect the Facility and Project Co’s delivery of the Services so as to confirm:

- (a) the performance by Project Co of its obligations under this Agreement; and
- (b) that the Facility is being maintained in accordance with the terms of this Agreement,

provided that:

- (c) the Authority does not unreasonably interfere with the performance by Project Co of its obligations under this Agreement; and
- (d) the Authority complies with Project Co’s safety and security policies, provided that Project Co has delivered copies of such policies to the Authority and such policies do not unreasonably impair or limit the Authority’s ability to access all aspects of the Facility.

7. HANDBACK

Project Co shall carry out the Handback Requirements in accordance with Schedule 20 [Handback Requirements].

8. MISCELLANEOUS OCCUPANT SERVICES

Project Co shall provide Miscellaneous Occupant Services (i.e. general handyperson services) (the “**Miscellaneous Occupant Services**”) for requests that are not within the scope of other Project Co Services at the Facility.

These Miscellaneous Occupant Services include, but not limited to, the following types of services:

- (a) Installation or removal of pictures, shelves, display boards, minor equipment, etc.;
- (b) Set-up, reconfiguration and arrangement of furniture and modular units as necessary;
- (c) Minor relocations, small moves (e.g. box moves) and coordination for the installation of furniture (e.g. ensuring power is available);
- (d) Minor furniture and appliance repairs;
- (e) Supporting the Authority for the installation of audio visual or telecommunications or equipment required by the Authority;
- (f) Removing broken keys from locks and ensuring that the locks are functional; and
- (g) General handyperson services and other general requirements typically provided by facilities management service providers.

Miscellaneous Occupant Services do not include services requiring licensed trades.

Project Co shall provide a qualified full time equivalent (1 FTE) resource for 5 days per week, Monday to Friday, 8 hours per day to perform this work. Project Co shall advise the Authority when the volume of requests exceeds the resource’s ability to perform the work within the requested timeframe and alternate arrangements shall be made through mutual agreement between Project Co and the Authority.

Miscellaneous Occupant Services are to be initiated by the Authority or Facility Users through the Help Desk as a service request which shall define the requirements, including the work to be performed, the location, timeframe and other related information necessary to perform the Miscellaneous Occupant Services.

Project Co and the Authority shall follow the agreed protocols from the Authority for approval of work requests and allocation of any related costs, if required, to specific departments. These protocols and processes shall be developed and included as part of the Help Desk procedures.

The cost of materials and supplies for this service shall be flowed-through to the Authority at cost without mark-ups and billed monthly.

9. SITE SERVICE INTERFACES

9.1 Interfaces

Project Co:

- (a) acknowledges that there is an interface between the Services and other services delivered at the Lands and within the Facility by the Authority or Authority Persons;
- (b) will co-operate with the Authority and Authority Persons and will act reasonably in the preparation and implementation of service plans which address the coordination and integration of such services at the Lands and the Facility.

9.2 Loading Dock

Project Co shall:

- (a) co-operate with the Authority in co-ordinating the receipt and collection of all goods required to perform the Services at the main loading dock facility.

9.3 Restrictions to Access

Project Co shall be restricted from accessing the following rooms without the Authority's prior consent and/or supervision during the performance of the Services:

- 2.06.10 Blood Bank
- 2.06.11 Lab Storage
- 2.06.06 Microbiology: Microbiology Workroom
- 2.06.07 Microbiology: TB Anteroom
- 2.06.08 Microbiology: TB Work Room
- 8.01.01 Receiving and Breakout Room
- 8.01.02 Purchasing Workstation
- 8.01.03 Inventory Storage Room
- 8.01.04 Narcotics Vault
- 8.01.05 Central Production Area
- 8.01.06 Sterile Compounding/Preparation Area: Entry Vestibule (Gowning)
- 8.01.07 Sterile Compounding/Preparation Area: Sterile Ante Area- ISO 8 - USP 797
- 8.01.08 Sterile Compounding/Preparation Area: Sterile Preparation Room
- 8.01.09 Sterile Compounding/Preparation Area: Chemotherapy Prep Anteroom - ISO 7
- 8.01.10 Sterile Compounding/Preparation Area: Chemotherapy Prep Room - ISO 7
- 8.01.11 Night Cupboard
- 8.01.12 Office Suite: Office (Standard)
- 8.01.13 Office Suite: Workstation
- 8.01.14 Office Suite: Conference Room
- 9.08.03 Server Room
- 9.06.03 Health Records General Work Area
- 9.06.04 Health Records Physicians Office /Records Room
- 10.07.52 Health Records

10. MARKET TESTING

10.1 Market Testing Procedure

Project Co shall carry out Market Testing of each of the Market Tested Services in accordance with Appendix 4N [Market Testing Procedure].

APPENDIX 4A

GENERAL MANAGEMENT SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of the Agreement:

“**Business Continuity Plan**” has the meaning set out in Section 3.10(a) of this Appendix;

“**Contingency Plans**” means plans and procedures for the events listed at Section 4.2(o) and 4.2(p) of Schedule 4;

“**Facility Condition Report**” has the meaning set out in Section 3.11(e) of this Appendix;

“**Joint Technical Review**” has the meaning set out in Section 3.11(a) of this Appendix;

“**Performance Monitoring Report**” has the meaning set out in Section 6.2 of Schedule 4; and

“**Policy and Procedure Manual**” means the Project Co manual of policies and procedures for each of the Services.

2. SERVICES

2.1 General Requirements

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications, Project Co shall deliver the General Management Services:

- (a) 24 hours per day, 365(6) days per year;
- (b) in accordance with the requirements set out in Section 3 of this Appendix 4A; and
- (c) in a comprehensive, effective, flexible and efficient manner at all times.

3. SERVICE REQUIREMENTS

3.1 Management and Administration

GM01

Project Co shall prepare a comprehensive general management plan, updating it annually or as required, which shall include, but not be limited to, the following:

- (a) exercise reasonable and competent management and supervision of the performance of the Services at all times;
- (b) coordinate communication and liaison between Project Contractors, Sub-Contractors and Project Co, and, as may be reasonably required from time to time, between Project Contractors, Sub-Contractors and the Authority;

- (c) cooperate with and assist the Authority in the interface and coordination of other work or services delivered by the Authority and/or its contractors other than Project Co and the Service Providers and Sub-Contractors;
- (d) prepare and maintain a Policy and Procedure Manual;
- (e) subject to the Authority's requirements from time to time, implement a comprehensive system of financial and management controls relating to the delivery of the Services;
- (f) research and develop new delivery methods for the Services and apprise the Authority of the benefits of such delivery methods;
- (g) in addition to specific requirements of Schedule 16 Communication Roles, provide on request and within 24 hours information that is reasonably required for contribution to the Authority's internal and external public relations relating to the Services;
- (h) in accordance with the notification requirements established by Project Co as part of the relevant Policy and Procedure Manual established for the relevant Services, notify the Authority immediately after Project Co becomes aware of any hazard that has resulted or may result in serious injury or life threatening outcome to any person in relation to the Site, including personnel of the Authority;
- (i) in connection with the provision of the Services, liaise with:
 - (1) the Authority when undertaking or preparing to undertake action in respect of the Services which may impact upon the performance of the Authority Activities or upon the comfort and/or well being of patients, hospital employees, medical staff or visitors, including the posting of a project notification process; and
 - (2) external advisors and Governmental Authorities in respect of the Services, as reasonably required by the Authority;
- (j) be responsible for the provision of all IT and telecommunications infrastructure equipment and software necessary for the provision of the Services, which will interface with Authority systems, in consultation with the Authority's IMIT representative. Such IT and telecommunications systems shall be managed in accordance with Good Industry Practice and comply with all applicable Laws. Examples of such devices and systems shall include but not be limited to:
 - (1) Personal computers (PCs) and workstations;
 - (2) Hard drive images for PCs and workstations, printers and photocopiers;
 - (3) Network switches, wireless access points and security switches;
 - (4) Network cabling;
 - (5) Application software;

- (6) Telephone system and telephones;
- (7) Uninterruptible power supplies (UPSes); and
- (8) Wireless communications systems.

Additionally, equipment configurations (staging) and labelling shall conform with the Authority's IMIT standards and policies at all times.

3.2 Management of Services

GM02

Project Co shall:

- (a) appoint a general manager who will provide overall coordination of all Services, and who will personally (or through a designate) be the representative of Project Co at the Facility, available and contactable 24 hours per day and 365(6) days per year. Project Co shall oversee the day-to-day operations establishing necessary policies, quality assurance systems and controls assurance and will comply with the provisions of this Agreement, including requirements to comply with applicable Law and Authority Policies, all to ensure delivery of high quality services;
- (b) provide an appropriate management structure and process for ensuring compliance with the Services Protocols and Specifications throughout the Operating Period;
- (c) meet with the Authority Representative at least monthly. The meeting shall be used as a forum to discuss day to day aspects of the performance of the Agreement and to discuss and agree on the Performance Monitoring Report;
- (d) develop and maintain a Facility user guide on behalf of the Authority for use by staff and Authority employees, the content and style of which shall be approved by the Authority on an annual basis; and
- (e) make provision for and cooperate with the Authority in the management of visits by government officials, dignitaries, etc.

3.3 Performance Monitoring and Reporting

GM03

Project Co shall:

- (a) provide all performance monitoring of, and reporting in connection with, the Services, including pursuant to the Performance Monitoring Program and other reporting described in Sections 6.1 to 6.9 of Schedule 4 Services Protocols and Specifications. The occurrence of a Reporting Error will be dealt with in accordance with Section 6.5 of Schedule 4 Services Protocols and Specifications. Project Co shall ensure that it does not repeatedly submit the same or similar Reporting Errors, whether or not such Reporting Errors are related to the same or similar issues; and

- (b) Provide monthly and annual reporting with the content set out in Attachment 1 of this Appendix 4A.

3.4 Human Resources Matters

GM04

Project Co shall:

- (a) Develop and implement appropriate operational policies, procedures and practices, subject to review by the Authority, relative to human resources matters, including recruitment and orientation training and ongoing operations, which will include:
- (1) job role descriptions, tasks and responsibilities;
 - (2) reporting relationships for each job;
 - (3) physical layout of the Lands and Facility;
 - (4) interaction with lines of communication between Project Co and the Authority;
 - (5) acknowledgement of applicable Law and Authority Policies;
 - (6) Project Co policies on health and safety, and all other policies;
 - (7) use of machines and equipment relevant to the provision of the Services;
 - (8) handling, storage and use of cleaning materials and equipment, including familiarization with the Facility's materials, finishes and colour coding system;
 - (9) manual material handling (where applicable);
 - (10) patient and customer care;
 - (11) presentable employee dress codes, including protective footwear and protective clothing where required;
 - (12) maintaining a high standard of personal hygiene commensurate with their allocated tasks;
 - (13) fire risks and fire precautions, contingency plans and emergency codes;
 - (14) first aid training;
 - (15) mutual respect training as per Authority standards of conduct, workplace behaviour;
 - (16) CMMS user instruction;

- (17) confidentiality agreement;
 - (18) infection control policies;
 - (19) occupational health and safety responsibilities, and due diligence;
 - (20) Workplace Hazardous Material Information System (WHMIS);
 - (21) code of conduct, including mutual respect, workplace harassment, and violence in the workplace;
 - (22) site orientation;
 - (23) maintaining records on professional competency, including all training records;
 - (24) ensuring that all staff, in addition to the induction training are at all times properly and adequately notified, trained and instructed and the information recorded within their personal training records with regard to the task that the individual has to perform;
 - (25) ensuring all personnel are licensed, trained and members of professional associations to an appropriate level commensurate with the responsibility of the post held and tasks required to be undertaken with training records and proficiency verification records maintained as noted above and made available to the Authority for inspection upon written request;
 - (26) terms and conditions of employment, applicant screening, background checks, selection, hiring, training, supervision, compensation, bonuses, severance, pension plans and other employee benefits, discipline, dismissal, transfer and replacement;
 - (27) allowance for the exercise by any employees of rights under any applicable labour laws including union organizational efforts, recognition and/or withdrawal of recognition, representation vote, contract negotiations, the determination of an appropriate bargaining unit or units, whether to negotiate on a single-employer, coordinated or multi-employer basis, grievances, unfair labour practice charges, strikes, boycotts or other economic activity, and lockouts; and
 - (28) ensuring that all Project Co personnel, including managers, are knowledgeable regarding all of the requirements of this Appendix.
- (b) Project Co shall ensure that all new personnel involved in the delivery of any Service have received orientation training prior to their commencement at the Facility. Such an orientation course will include the relevant information from the orientation courses provided by the Authority to employees of the Authority. Project Co shall provide within the Performance Monitoring Report a list of the personnel and the date the relevant orientation course was undertaken

- (c) Project Co shall provide the Authority with updated, correct and timely information about the CMMS, which the Authority Representative can use to train and orientate Authority personnel in the use of the CMMS, as required.

3.5 Training and Ongoing Knowledge and Skills Development

GM05

- (a) Project Co shall, in addition to the orientation course referred to in Section 3.4 above, and prior to permitting any person to be involved in the delivery of any Service and at all times thereafter, ensure that all personnel are properly and adequately notified, trained, instructed and holding required certifications, in compliance with relevant applicable Law and Authority Policies, and the information recorded within their personal training record with regard to the task the individual has to perform including with regard to:
- (1) the provisions of the Agreement, including the Services Protocols and Specifications, and Plans then in effect that are relevant to the duties to be performed;
 - (2) the use of the CMMS;
 - (3) the job description, and training plans for all job functions related to that description;
 - (4) professional development plan and associated training plan for each employee;
 - (5) the Policy and Procedure Manuals relevant to the Services;
 - (6) all relevant health and safety hazards, rules, policies and procedures established by Project Co concerning health and safety at work, as required in accordance with applicable Law and Authority Policies;
 - (7) use of all machines and equipment relevant to their work areas;
 - (8) handling, storage, use and transport of chemicals and other hazardous materials;
 - (9) proper lifting and handling techniques; and
 - (10) use of personal protective equipment.
- (b) Project Co shall have in place reporting procedures and contingency plans with regard to personnel suffering from any illness including infectious diseases which may compromise the health and/or safety of any Authority employee, physician, patient or visitor and to identify instances of any personnel having knowingly had contact with any person with any illness which may compromise the health and/or safety of any Authority employee, physician, patient or visitor.
- (c) Project Co shall provide that all personnel directly employed in the provision of the Services have a good command of the English language.

3.6 Criminal Record Check

GM06

- (a) Project Co shall not permit personnel directly employed in the provision of the Services to commence work until a recent signed form of criminal record check authorization or similar document is received and the results are reviewed and are satisfactory to the Authority. Project Co shall terminate the employment of any person whose criminal record is not satisfactory to the Authority. Personnel of Project Co, the Service Provider and Sub-Contractors who may have unsupervised access to children in the ordinary course of their employment must have no criminal record relating to any offence involving children. If any such employee is charged with any offence involving children, such employee will be prohibited from performing work on the Lands. Unless requested more frequently by the Authority, every month Project Co shall, with the Performance Monitoring Report relevant to the end of that six month period, report on compliance with the foregoing.
- (b) Project Co shall determine, prepare and implement all reasonably prudent policies and practices consistent with the terms of any applicable Authority Policies and subject to and in accordance with the terms of any applicable collective agreements (and where applicable Project Co shall develop training programs and tests for ensuring compliance with such policies and practices) relating to:
- (1) terms and conditions of employment, applicant screening, background checks, selection, hiring, training, supervision, compensation, bonuses, severance, pension plans and other employee benefits, discipline, dismissal, transfer and replacement; and
 - (2) the exercise by any employees of rights under any applicable labour laws including union organizational efforts, recognition and/or withdrawal of recognition, representation vote, contract negotiations, the determination of an appropriate bargaining unit or units, whether to negotiate on a single-employer, coordinated or multi-employer basis, grievances, unfair labour practice charges, strikes, boycotts or other economic activity, and lockouts.
- (c) Project Co shall provide the Authority with updated, correct and timely information about the CMMS, which the Authority Representative can use to train and orientate Authority personnel in the use of the CMMS, as required.

GM06a

3.7 Workers Compensation Act & Requisition to Work

GM07

- (a) Prior to permitting any person to perform Services, Project Co shall comply and require

compliance with all requirements of the *Workers' Compensation Act* (Northwest Territories), including with respect to registration and payment of all amounts to the Workers' Safety & Compensation Commission of the Northwest Territories & Nunavut and will semi-annually or more frequently as required by the Authority, demonstrate compliance by all such persons, including by providing clearance letters from Workers' Safety & Compensation Commission of the Northwest Territories & Nunavut.

3.8 Occupational Health and Safety

GM08

- (a) Project Co shall:
- (1) Maintain a health and safety system relevant to the Services and develop and implement appropriate operational policies, procedures and practices relative to occupational health & safety/risk management, including with respect to the requirements of this Section 3.8;
 - (2) produce a comprehensive health and safety manual and ensuring it is available to, and used by, all personnel;
 - (3) attend Authority health and safety meetings;
 - (4) advise the Authority of any breaches by Project Co of applicable Law and Authority Policies related to occupational health & safety;
 - (5) comply with applicable Law, Authority Policies, and all health and safety legislation, including the obligation to establish a health and safety committee as well as participation in a joint health and safety committee with the Authority;
 - (6) ensure all personnel of Project Co, the Service Provider and Sub-Contractors directly employed in the provision of the Services, subject to applicable Law, are properly immunized and tested for influenza, Hepatitis B and TB or other communicable diseases, in accordance with Project Co's and the Authority's occupational health and safety policies and infection control policies and that proper immunization records are maintained;
 - (7) ensure that all personnel of Project Co, the Service Provider and Sub-Contractors directly employed in the provision of the Services do not attend work at the Site if such employee is carrying a restricted communicable disease;
 - (8) ensure that all personnel of Project Co, the Service Provider and Sub-Contractors directly employed in the provision of the Services are offered annual influenza vaccine, MMR (measles, mumps, rubella) vaccine, varicella vaccine, acellular pertussis vaccine, tetanus vaccine and Hepatitis B vaccine at no cost to the employee;

- (9) produce a sharps injury prevention program, including post-exposure prophylaxis and follow up, and ensure all staff are educated in this program;
 - (10) produce a respiratory protection program for staff required to work in patient rooms where airborne precautions are in place (e.g. TB patients), and ensure that such staff are educated in this program;
 - (11) ensure that all personnel of Project Co, the Service Provider and Sub-Contractors directly employed in the provision of the Services have received training in proper hand washing procedures;
 - (12) procure the services of a safety adviser qualified to at least the Canadian registered safety professional (CRSP) level or equivalent and coordinating the production, amendment and updating of all health and safety procedures of persons providing the Services;
 - (13) provide all personnel directly employed in the provision of the Services with suitable and appropriate personal protective equipment (gowns, face shields, masks, hard hats, safety vests, safety footwear, eye protection, hearing protection, arc-flash protection etc.);
 - (14) ensure suitable first aid and first aid facilities are provided to all personnel directly employed in the provision of the Services;
 - (15) maintain and keep up-to-date health and safety records and documentation and make these available for inspection by the Authority, or authorized Governmental Authorities, including:
 - (A) risk assessments in respect of all of the Services;
 - (B) manuals; and
 - (C) procedures.
- (b) Unless requested more frequently by the Authority, every six months Project Co shall, with the Performance Monitoring Report relevant to the end of that six month period, report on compliance with the foregoing.

3.9 Health Services Accreditations

GM09

Project Co shall assist the Authority and participate in the hospital accreditation processes as requested by the Authority and Project Co shall provide the Services in accordance with the provisions of this Agreement in order to ensure that the Accreditations are maintained, all in accordance with Section 3.3(d) of Schedule 4 Services Protocols and Specifications.

3.10 Business Continuity and Contingency Planning

GM10

- (a) Project Co shall develop a business continuity plan (the “**Business Continuity Plan**”) in accordance with the timelines set out in Section 4.1 of Schedule 4 Services Protocols and Specifications to ensure it is able to deliver all of the Services should there be a malfunction of the CMMS or an Unavailability Event or Service Failure in any of the Plant Services, Help Desk Services, Housekeeping and Waste Management Services or Utility Management Services for which Project Co is responsible or that could result in the disruption of Services to the Authority. Project Co shall keep the Business Continuity Plan current, and submit an updated plan with the Annual Service Plan in accordance with Section 4.2 of Schedule 4 Services Protocols and Specifications.
- (b) Project Co shall participate in, and review annually with the Authority, the development of the Contingency Plans for the safety and well-being of Project Co employees, Project Contractor employees and Sub-Contractor employees, Authority staff, physicians, patients, volunteers and visitors.

3.11 Joint Technical Review

GM11

- (a) At the end of each five-year period throughout the Operating Period, Project Co and the Authority will cause the Operating Period Joint Committee, supported by a mutually agreed and duly qualified independent inspector and such technical resources as are mutually deemed necessary, to conduct a joint technical review (the “**Joint Technical Review**”) of the Facility. The Joint Technical Review will assess the performance and effectiveness of both the preventive maintenance and life cycle works completed over the previous period and the work planned and scheduled for the upcoming five-year period in accordance with the Five Year Maintenance Plan, Life Cycle Plan and the Services Protocols and Specifications. The cost of the independent inspector engaged to conduct Joint Technical Review will be paid by Project Co;
- (b) the Five Year Maintenance Plan and the Life Cycle Plan shall be updated annually and provided to the Authority for review 3 months prior to the anniversary of the Service Commencement Date;
- (c) The current Facility condition standard for each Joint Technical Review will be based on the principle that each Maintained Element of the Facility and Lands will be maintained in a condition which is consistent with due performance by Project Co of its obligations under this Agreement.
- (d) During the final five years of the Operating Period, the parties on mutual agreement may cancel the requirement for a Joint Technical Review and carry out the inspection provisions of the Schedule 20 Handback Requirements.
- (e) The findings of the Joint Technical Review will be documented in a written report prepared by the independent inspector (a “**Facility Condition Report**”) that:

- (1) identifies the condition of the Facility and each Maintained Element; and
 - (2) identifies any deficiencies in the performance of the obligations of Project Co under this Agreement with respect to the condition of the Facility and each Maintained Element to the technical standards and specifically, the Services Protocols and Specifications and Life Cycle Plan.
- (f) Within 15 Business Days of receipt of the Facility Condition Report, Project Co shall prepare a remediation plan outlining its approach and proposed schedule for rectification of any identified deficiencies through integration with the Five Year Maintenance Plan and the Life Cycle Plan.
- (g) The parties will convene a meeting of the Operating Period Joint Committee to examine the findings of the Joint Technical Review and the Project Co remediation plan. If required, the parties will undertake a subsequent inspection of the remediation work completed by Project Co and issue a revised Facility Condition Report.
- (h) The Preventative Maintenance Plan and the Five-Year Maintenance Plan, including any life cycle replacement and/or refurbishment works will be amended and updated, as applicable, to include all remediation work identified in the Facility Condition Report and/or the revised Facility Condition Report. Project Co shall rectify any identified deficiencies for which it is responsible to the standards required by this Agreement within a reasonable time period as approved by the Operating Period Joint Committee.

4. SERVICE STANDARDS

Project Co shall deliver services identified within Sections 2 and 3 of this Appendix in accordance with the following standards.

- (a) Standards Council of Canada (SCC); and
- (b) ISO 9000.

5. RESPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	Service required immediately and is considered a serious emergency, including: <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	Service required as soon as possible: <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	*Response Time	*Rectification Period	Recording Frequency	Monitoring Method
GM01	Management and Administration – Project Co shall prepare a comprehensive general management plan	High	N/A	N/A	Annually	Performance Monitoring Report
GM02	Management and Administration – Project Co appointing a general manager (or designate) and overseeing the day-to-day operations in accordance with Section 3.2 of this Appendix	Medium	1 Week	1 Month	Monthly	Performance Monitoring Report
GM03	Periodic Reporting - Project Co submitting Performance Monitoring Reports with the same or similar Reporting Errors on more than 3 occasions in any consecutive 12 month period.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
GM04	Human Resources Matters – Project Co completing orientation course for all new personnel in accordance with Section 3.4 of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report
GM05	Training and Ongoing Knowledge and Skills Development – Project Co ensuring that all employees directly engaged in the provision of the Services have the requisite training of the Services, in accordance with Section 3.5(a) of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report
GM06	Criminal Records Check – Project Co completing criminal record checks for all new employees directly employed in the provision of the Services in accordance with Section 3.6(a) of this Appendix	High	N/A	N/A	Monthly	Performance Monitoring Report

	Indicator	Service Failure Level	*Response Time	*Rectification Period	Recording Frequency	Monitoring Method
GM06a	Project Co shall determine, prepare and implement all reasonably prudent policies and practices consistent with the terms of any applicable Authority Policies	Medium	N/A	N/A	Annually	Performance Monitoring Report
GM07	Workers Compensation & Requisition to Work - Project Co demonstrating compliance with Workers' Safety & Compensation Commission of the Northwest Territories & Nunavut requirements in respect of all new employees in accordance with Section 3.7 of this Appendix	Medium	N/A	N/A	Annually	Performance Monitoring Report
GM08	Occupational Health & Safety/Risk Management - Project Co complying with all requirements of Section 3.8 of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report
GM09	Health Services Accreditations – Project Co assisting the Authority in the Accreditations processes in accordance with Section 3.9 of this Appendix	Medium	1 Week	1 Month	Monthly	Performance Monitoring Report
GM10	Business Continuity and Contingency Planning – Project Co providing a Business Continuity Plan and Contingency Plan in accordance with Section 3.10 of this Appendix	Medium	N/A	N/A	Bi-Annually	Performance Monitoring Report
GM11	Joint Technical Review – Project Co shall produce a remediation plan in accordance with Section 3.11(f) of this Appendix	High	1 Week	1 Month	Annually	Performance Monitoring Report

ATTACHMENT 1

1. MONTHLY SERVICE REPORT

The Monthly Service Report shall contain as a minimum the following information in respect of the Contract Month:

1. all monitoring which has been performed pursuant to the Performance Monitoring Program and a summary of all findings;
2. Help Desk call logs during Core and non-Core Hours and e-mail response logs;
3. details of all amendments made to Help Desk records;
4. a summary of the Demand Maintenance received by the Help Desk by Service including the median applicable Response Time and Rectification Period, and Project Co's actual time of Response and Rectification;
5. a summary of all Unavailability Events and Service Failures including Project Co's Response Time and Rectification Period in respect of each;
6. the number of days that any Functional Unit has been Unavailable and the Unavailability Deductions to be awarded in respect of such Unavailability (shown on a daily basis).
7. a record of all conditions that made the Facility and/or part(s) thereof unsuitable for use (and the duration of such conditions);
8. closures or service limitations during Core Hours, setting out the details of the closure, the reasons for such closure and any remedial action taken by Project Co;
9. the level of Deductions for the Payment Period (and for each of the previous 5 Payment Periods) as a percentage of the annual Service Payment;
10. a summary and calculations of all adjustments to the relevant Periodic Payment;
11. all statistical data required for any territorial or federal reports or returns reasonably required by the Authority;
12. details of all health and safety issues arising during the month including incidents;
13. a summary of occupational health and safety events;
14. a summary of all life safety actions and statutory testing, such as fire extinguisher inspections, generator testing and sprinkler testing conducted during the Payment Period;
15. a summary detailing the implementation of the Annual Service Plan then in effect including a summary of:
 - a. the staffing plan including details of personnel changes, training and methods statements;
 - b. all Scheduled Maintenance, statutory testing and planned shutdowns implemented during the Payment Period and planned for the next Payment Period, including schedules and method statements;
 - c. all Demand Maintenance performed during the Payment Period; and
 - d. the delivery of all other Services;

16. a summary of all Miscellaneous Occupant Services performed during the Payment Period;
17. any report required by any Governmental Authority, including the GNWT Ministry of Health and Social Services, in respect of the failure of any Maintained Element;
18. A maintenance report including details of Facility breakdowns, repairs and planned action for reinstatement where applicable;
19. Scheduled Maintenance Plan for the forthcoming Contract Month including as a minimum:
 - a) Location of the work to be undertaken clearly identifying activities which are anticipated to cause disruption to the Facility and or Facility Users;
 - b) Services;
 - c) Time period when the work is to be undertaken
 - d) Risk assessment including health;
 - e) Operational method statement
 - f) Asset conditions;
 - g) Resources/sub contractors used;
 - h) permits to work needed; and
 - i) Contingency planning.
20. Details of all Plant and Equipment requiring lifecycle works/replacement within the next 3 months;
21. Details of Defects identified at the Facility;
22. A summary of customer satisfaction reports carried out;
23. Complaints relating to the Services, including complaints made by members of the public to the Authority that have been passed on to Project Co;
24. Details of outstanding requests;
25. Staff and industrial relations issues including details of recruitment and vacancies, and training undertaken in the previous month and due within the next 3 months;
26. an energy consumption certificate in accordance in all respects with the requirements of Appendix 2C [Energy];
27. Details of Utilities consumption against targets meter readings and a utilities consumption graph
 - a) Total kWh usage against profile - electricity
 - b) Total kWh usage against profile – gas
 - c) Total m3 usage against profile – water
 - d) Total CO2 emissions from building energy consumption against target
28. Monthly monitoring and reporting information to be supplied in accordance with the Energy Management Plan.

2. ANNUAL SERVICE REPORT

The annual service report will cover at a minimum, the following:

1. Summary of Service Reports during the Contract Year including category, response and rectification times achieved;
2. Report indicating Functional Units that were Unavailable or Unavailable but used in the Contract Year;
3. Summary of all Deductions during the Contract Year;
4. Financial performance indicating income generated from Services;
5. Asset acquisition and disposal (where relevant) including lifecycle replacement;
6. Summary of all annual reviews of documentation including but not limited to health and safety policies, this shall include details of any changes made that may impact the Services delivered at the Facilities;
7. Summary of KPI performance over the previous Contract Year;
8. Summary of the contingency plan testing carried out in the previous Contract Year;
9. Customer service performance review;
10. Resource summary and performance review including any changes;
11. Energy performance report (energy consumed, energy use and distribution data);
12. Utility usage report (water consumption and sewage);
13. Details of all Utilities initiatives implemented in the previous 12 months with summary of their relative success;
14. Details of Utilities initiatives planned for the forthcoming 12 months; and
15. Total CO2 emissions from building energy consumption against target.

APPENDIX 4B
HELP DESK SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Help Desk Report” means in respect of:

- (a) the Facility, any Demand Requisition, request for Services, report of a Service Failure or Unavailability Event or any other enquiry or report made to the Help Desk by a Facility User or automatically generated by the BMS or the CMMS; and
- (b) the Stanton site other than the Facility, any report or request for services made to the Help Desk by Facility Users;

“Help Desk Services” means the services and requirements described in this Appendix; and

2. SERVICES

2.1 General Requirements

HD01

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications Project Co shall deliver the Help Desk Services:

- (a) 24 hours per day, 365(6) days per year, with provision of back-up plans to ensure continuity of service;
- (b) such that the Help Desk functions as the central communications hub for service requests for:
 - (1) the Stanton site generally, including the Facility;
 - (2) all Services and management of the Facility including:
 - (A) receiving, logging and responding appropriately to telephone, facsimile, e-mail and other communications and liaising with all Facility Users on the progress and status of work;
 - (B) capturing and logging particulars of Help Desk Reports in respect of the Facility and referring these to the Service Provider or appropriate Sub-Contractor;
 - (C) redirecting all Help Desk Reports in respect of the Stanton site other than the Facility to other service providers;
 - (D) providing seamless redirection of calls and information to the Authority’s existing CMMS systems and as otherwise directed by the Authority; and

- (E) redirecting calls to the Help Desk in respect of IMIT to the centralized IT service desk;
- (c) in a comprehensive, effective, flexible, Facility Users-friendly and efficient manner to facilitate the smooth operation of the Facility;
- (d) such that Facility Users can at all times electronically view and audit the current status of their Help Desk Reports from any location; and
- (e) such that relevant Facility staff can access the Help Desk remotely in real time to track progress of open items.

3. SERVICE REQUIREMENTS

3.1 General

HD02

In connection with the operation of the Help Desk, Project Co shall:

- (a) provide for Facility Users to submit Help Desk Reports by telephone, electronic mail and other electronic means;
- (b) set a categorization and call logging protocol;
- (c) respond (i.e. not put "on hold") to all Help Desk Reports: **HD03**
 - (1) if made by telephone, within 4 rings of the Help Desk telephone;
 - (2) if made by electronic mail or by other electronic means, within 5 minutes of receipt at the Help Desk;
- (d) keep records of telephone and electronic response times, number of calls on hold, length of hold calls and number of calls abandoned;
- (e) immediately redirect all calls that are not part of Project Co Services, in accordance with the contact information provided by the Authority; **HD04**
- (f) record and notify the Authority of:
 - (1) all Service Failures and Unavailability Events within 30 minutes if such failures or events will have a material impact on the use of the Facility by Facility Users and otherwise in accordance with Section 6.2 of Schedule 4 Services Protocols and Specifications;
 - (2) accidents or emergencies promptly after occurrence;
 - (3) complaints or compliments and other comments received from Facility Users in connection with the Services promptly following receipt in accordance with Authority Policies;

- (g) monitor the BMS and the CMMS including the monitoring of alarms, equipment alarms, emergency and security systems;
- (h) create, update and deliver to the Authority and other Facility Users Help Desk user instructions as and when required;
- (i) provide Help Desk user training to the Authority and other Facility Users as and when required;
- (j) maintain an electronic log of all Help Desk Reports including:
 - (1) Help Desk operator's name to whom the enquiry was made or the automated electronic system which generated the report;
 - (2) the name of the Facility User;
 - (3) date and time;
 - (4) location;
 - (5) nature of the Help Desk Report;
 - (6) service required;
 - (7) to whom, the time and means by which the Help Desk redirected Stanton-related calls and requests;
 - (8) Service Failure level (i.e. High Service Failure, Medium Service Failure, Low Service Failure);
 - (9) unique request reference identifier;
 - (10) date and time request passed to the appropriate person for response;
 - (11) action taken and by whom;
 - (12) the actual Response Time and time to Rectify the subject matter of such request; and
 - (13) any required follow-up actions.
- (k) keep the Authority informed of proposed course of action and response and rectification
- (l) not amend, delete or alter any details recorded by the Help Desk unless approved by the Authority and the following information is recorded and maintained:
 - (1) the exact nature and impact of the amendment;
 - (2) the reason for the amendment; and

HD05

- (3) by whom the amendment was authorized;
- (m) ensure that in the event of emergencies the Help Desk will raise the alarm, reporting the incident to internal and external authorities and log the details; and **HD06**
- (n) maintain confidentiality consistent with the Authority's Policies: **HD07**

3.2 Quality Monitoring

Prior to Service Commencement, Project Co and the Authority will develop, maintain and implement a system for recording and acting on customer feedback and satisfaction with respect to the Help Desk Services through the conduct of a customer user satisfaction survey/questionnaire to be carried out annually. **HD08**

4. SERVICE STANDARDS

Not Used.

5. REPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

Performance Indicators

*Note: For the avoidance of doubt, where the "Response Time" and "Rectification Period" is "N/A", then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
HD01	The Help Desk Service is available at all times.	Medium	N/A	1 Hour	Monthly	Performance Monitoring Report
HD02	All Demand Requisitions, Service Failures or Unavailability Events are electronically recorded by the Help Desk.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HD03	All telephone calls and other electronic reports to the Help Desk initially answered and responded to (i.e. not put "on hold") as required under Section 3.1(c) of this Appendix	Low	N/A	N/A	Monthly	Performance Monitoring Report
HD04	95% of Demand Requisitions relating to the Stanton site (other than those relating to the Facility), made by telephone or electronic mail are redirected to the Authority	Low	N/A	N/A	Monthly	Performance Monitoring Report
HD05	No amendments are made to the information logged with the Help Desk unless the amendments are clearly identified and have been approved by the Authority.	Low	N/A	N/A	Monthly	Performance Monitoring Report
HD06	Provide assistance in raising alarms, reporting emergencies to internal and external authorities and logging of the details in the event of an emergency including monitoring and reporting on escalating situations.	High	N/A	N/A	Monthly	Performance Monitoring Report
HD07	Confidentiality is maintained in accordance with Authority's policy.	High	N/A	N/A	Monthly	Performance Monitoring Report
HD08	Project Co to develop, maintain and implement a quality monitoring program for recording and acting on customer feedback	High	1 Week	1 Month	Monthly	Performance Monitoring Report

APPENDIX 4C
PLANT SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Building Components” means all elements including but not limited to the roof, facades and all internal components (i.e. stairs, doors, floor coverings, ceilings etc) of the Facility as constructed and supplied or provided by Project Co pursuant to Schedule 3 [Design and Construction Specifications];

“Building Systems” means the mechanical, electrical and other systems in or servicing the Facility as constructed and supplied or provided by Project Co pursuant to Schedule 3 Design and Construction Specifications, and if such systems are connected or integrated with the Authority’s systems servicing the Authority’s facilities, to the point of connection of such systems with the Authority’s systems;

“Demand Maintenance” means any maintenance, repair or restoration of equipment, systems, building structure, components or finishes, in each case located at or in the Facility which maintenance, repair or restoration is conducted in order to remedy a breakdown of such equipment, system, building structure, component or finish or is conducted in order to achieve standard operating performance for such equipment, system, building structure, component or finish, but excludes planned repair projects, Scheduled Maintenance and capital projects. All costs incurred in conducting Demand Maintenance form part of the Services. Demand Maintenance also includes repairing collateral damage related to equipment beyond the immediate component that failed, minor repairs to interior finishes and exterior finishes of the Facility (e.g. painting etc.). Demand Maintenance work may be either:

- a) any urgent Demand Maintenance that is unscheduled including maintenance of emergency/safety equipment or systems in the event of a breakdown of such equipment or systems; or
- b) non-urgent Demand Maintenance which has been scheduled in advance;

“Elevator Availability” means, in respect of each elevator and escalator in the Facility, the amount of time that such elevator was available during a measured period expressed as a percentage and calculated as follows:

$$\text{(Total Time – Down Time) x100 / Total Time}$$

Where:

“Down Time” is the number of hours that such elevator or escalator was unavailable for normal use other than times during which Scheduled Maintenance was performed on such elevator or escalator in accordance with the Annual Service Plan in effect; and

“Total Time” is the total number of hours during the measured period;

“Facility Incident” means an event that is inconsistent with the normal operations of the Facility including flood, fire, evacuation, gas leak or rupture, electrical or other utility disruption, life safety system disruption, patient or visitor injury or death related to Plant Services’ actions or inactions, Plant Services’ infection control breaches, labour action or notice of legal action;

“Maintained Elements” means all elements of the Facility and Lands constructed, renovated or installed pursuant to this Agreement including:

- (a) the Building Systems;
- (b) improvements to the Lands, including the external areas described in Table 1 in Attachment 1 of this Appendix, including soft landscaping, planted areas, lawns or gardens of courtyards or on rooftops;
- (c) underground parking facilities; and
- (d) the Maintained Equipment,

“Maintained Equipment” means the equipment maintained by Project Co;

“Maintenance” means commissioning, testing, servicing, maintenance, repair, renewal or replacement of the Maintained Elements, other than renewal or replacement of Maintained Equipment;

“Maintenance Access Times” means the times set out in the Annual Service Plan during which Project Co may perform Maintenance Services;

“Maintenance Services” means Demand Maintenance and Scheduled Maintenance;

“Normal Wear and Tear” means the deterioration of a substance or object, caused by ordinary use over time, but not resulting from extraordinary use, improper use, lack of care, lack of proper maintenance and repair, vandalism, catastrophic accident or destruction.

“Plant Services” means all of the services and requirements described in this Appendix, including Demand Maintenance and Scheduled Maintenance; and

“Scheduled Maintenance” means planned, preventive and replacement Maintenance in the context of any planned maintenance activity undertaken in an effort to prevent, predict or otherwise reduce the likelihood of system, equipment, building structure, building component or building finishes breakdowns or failures at the Facility to achieve acceptable levels of operating performance. Scheduled Maintenance is entirely discretionary to Service Provider as long as the equipment demonstrates use in a manner consistent with “Normal Wear and Tear”. All costs incurred in conducting Scheduled Maintenance form part of the Services. Scheduled Maintenance includes, but is not limited to, activities such as: condition based monitoring, performance monitoring, non-destructive testing, time based inspections and overhauls.

2. SERVICES

2.1 General Requirements

PS01

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications, Project Co shall deliver the Plant Services:

- (a) 24 hours per day, 365(6) days per year;
- (b) in a manner which:
 - (1) is efficient, comprehensive and responsive to the needs of Facility Users;
 - (2) ensures a collaborative working relationship with the Authority, its employees and contractors;
 - (3) minimizes, to the extent reasonably possible, any interruption to the use and operation of the Facility by Facility Users;
 - (4) is integrated and co-ordinated with the delivery of all:
 - (A) other Services provided by Project Co; and
 - (B) services delivered by the Authority at the Facility;
 - (5) is safe for all Facility Users; and
 - (6) does not create any environmental hazards;
- (c) in a safe and functional working environment applying safe working practices including: **PS02**
 - (1) using recognized risk assessment and management systems; and
 - (2) placing, maintaining and keeping records of all hazard notices and safety signage in accordance with the standards included in this Appendix;
- (d) having regard for and without limiting the requirements set out in Section 3.3 of Schedule 4 Services Protocols and Specifications: **PS03**
 - (1) CAN/CSA-Z317.1 Special Requirements for Plumbing Installations in Health Care Facilities;
 - (2) CAN/CSA-Z317.10 Handling of Waste Materials in Health Care Facilities;
 - (3) CAN/CSA-Z317.11 Area Measurement for Health Care Facilities;
 - (4) CAN/CSA Z317.2-10 Special Requirements for Heating, Ventilation, and Air Conditioning (HVAC) Systems in Health Care Facilities;

- (5) CAN/CSA-Z317.5 Illumination Systems in Health Care Facilities;
- (6) CAN/CSA-Z317.13 Infection Control during Construction or Renovation of Health Care Facilities;
- (7) CAN/CSA-Z318.0 Commissioning of Health Care Facilities;
- (8) CAN/CSA-Z323.5 Mechanical/Electromechanical Lifting Devices for Persons;
- (9) CAN/CSA-Z7396.1 Medical Gas Pipeline Systems;
- (10) CAN/CSA-B44 Safety code for Elevators and Escalators;
- (11) CAN/CSA-C282-00 Emergency Electrical Supply for Buildings;
- (12) CAN/CSA-Z32 Electrical Safety and Essential Electrical Systems in Health Care Facilities;
- (13) the Accreditations;
- (14) PAS55; and
- (15) ISO31000.

3. SERVICE REQUIREMENTS

3.1 Demand Maintenance

PS04

Project Co shall provide any maintenance, repair or restoration of equipment, systems, building structure, components or finishes, in each case located at or in the Facility which maintenance, repair or restoration is conducted in order to remedy a breakdown of such equipment, system, building structure, component or finish or is conducted in order to achieve standard operating performance for such equipment, system, building structure, component or finish, but excludes planned repair projects, Scheduled Maintenance and capital projects. Demand Maintenance also includes repairing collateral damage related to equipment beyond the immediate component that failed, minor repairs to interior finishes and exterior finishes of the Facility (e.g. painting etc.). Demand Maintenance work may be either:

- a) any urgent Demand Maintenance that is unscheduled including maintenance of emergency/safety equipment or systems in the event of a breakdown of such equipment or systems; or
- b) non-urgent Demand Maintenance which has been scheduled in advance.

3.2 Scheduled Maintenance

PS05

Project Co shall provide the Plant Services in accordance with this Appendix so that:

- (a) each of the Maintained Elements:
 - (1) is properly and safely maintained in accordance with all Plans and applicable Laws;
 - (2) remains functional, safe, operationally sound and of good appearance;
 - (3) performs in accordance with their respective design criteria as set out in Schedule 3 Design and Construction Specifications; and
 - (4) achieves the requirements set out in in Attachment 1 to this Appendix;
- (b) the Building Systems, including but not limited to, heating, air conditioning, lighting, humidity and mechanical ventilation systems, function in accordance with the requirements set out in in Attachment 1 to this Appendix;
- (c) the exterior areas of the Facility are maintained in accordance with Table 1 of Attachment 1 to this Appendix; **PS06**
- (d) all other Maintained Elements operate as designed and intended;
- (e) complies with all testing and reporting requirements under all applicable Authority Policies, policies of insurance and all applicable Laws. **PS03**

3.3 Maintenance Equipment and Supplies

PS07

Project Co shall provide, maintain, clean and replace as required all equipment, supplies, apparatus and consumable items (including any consumable required for the operation of Maintained Elements) required to deliver the Plant Services, including scaffolding, crange, tackle, machinery, tools or any other necessary equipment.

3.4 Annual Service Plan

PS08

Project Co shall develop in accordance with Sections 4.1 and 4.2 of Schedule 4 Services Protocols and Specifications and shall implement as part of the Annual Service Plan, appropriate policies, procedures, practices, schedules and a self-monitoring inspection and reporting system in respect of the delivery of the Plant Services to the Authority.

3.5 First Response Maintenance for Equipment

PS09

Project Co shall respond to Demand Requisitions in respect of all Equipment. If the Equipment which is the subject of the Demand Requisition is not Maintained Equipment, Project Co shall determine whether the problem relates to the Equipment itself or a Maintained Element supporting the Equipment. If:

- (a) the problem relates to a Maintained Element, Project Co shall rectify the problem in accordance with this Appendix; or
- (b) the problem does not relate to a Maintained Element, Project Co shall promptly make safe should the issue present an immediate risk and give notice of the problem to the Authority together with a summary of the results of the investigation into the problem conducted by Project Co.

3.6 Maintenance Times

PS10

Subject to Section 3.7 of this Appendix, Project Co shall perform the Maintenance Services during the relevant Maintenance Access Times and shall:

- (a) perform Scheduled Maintenance during the periods agreed in the Annual Service Plan in effect at that time, and will give the Authority 10 Business Days' written notice before commencing any such Maintenance; and
- (b) undertake and complete Demand Maintenance within the relevant Response Time and Rectification Time set out in Section 5 of this Appendix and Schedule 8.

3.7 Re-Scheduling of Maintenance

Notwithstanding any notice delivered by Project Co pursuant to this Appendix, if the Authority, acting reasonably, determines that the times at which Project Co proposes to perform Maintenance will cause material disruption to the operations of the Authority or other Facility Users, the Authority may give notice to Project Co not to carry out such Maintenance until such time as the Authority and Project Co, each acting reasonably, agree on an alternate time. Upon such agreement, the Response Time and Rectification Period for such Maintenance will be adjusted accordingly.

3.8 Elevators

PS11

Project Co shall:

- (a) operate and maintain all elevators, escalators, elevating devices and related equipment at the speeds and in accordance with the elevator design specifications set out in Schedule 3 Design and Construction Specifications;
- (b) dispatch its on-site personnel promptly and in line with the Response and Rectification times set out in Section 5 of this Appendix 4C to respond to all elevator alarms or telephone calls from an elevator and initiate the required action to rectify faults and release occupants;

PS12

- (c) undertake Scheduled Maintenance of elevators, escalators, elevating devices and related equipment to ensure that at no time will any floor be without elevator or escalator service. Project Co shall also ensure that not more than one elevator in a bank of two or more elevators is out of service;
- (d) include in each Performance Monitoring Report for the relevant period:
 - (1) the calculation of Elevator Availability; and
 - (2) a summary of any elevator, escalator or elevating device failures and corrective actions.

3.9 Building Management System (BMS)

PS13

Project Co shall:

- (a) provide a BMS which monitors and operates the Facility and the Services within the Facility and remotely;
- (b) monitor, control, indicate alarms and provide trending information for all BMS connected sensors and control points;
- (c) configure the BMS to automatically initiate an alarm and immediately page or otherwise notify staff designated by the Authority of particulars related to any alarmed equipment specified in Schedule 2 or Schedule 3; and
- (d) include with each Performance Monitoring Report and provide the Authority with continuous direct access (via web-accessed dashboard customized to the Authority's requirements, and other than during such reasonable periods as the BMS may be undergoing Scheduled Maintenance or emergency Maintenance) to the following information generated by the BMS during the relevant period:
 - (1) Facility Incident failures and all information relevant to Facility Incident investigations, as required by the Authority;
 - (2) daily, weekly and periodic status reports (including equipment availability or unavailability);
 - (3) exception reports by element status;
 - (4) trend log data (including multi-trend presentation where required to demonstrate effective and efficient sequencing of related equipment);
 - (5) time of occurrence, Response and Rectification; and
 - (6) such other information as the Authority may reasonably require.

3.10 Medical Gases and Vacuum**PS14**

Project Co shall perform all monitoring, maintenance, operations and periodic testing and certification required to ensure a safe and continuous flow of medical gases and vacuum in the Facility, including:

- (a) monitoring and controlling the medical gases and medical air supplies from and including source equipment, to and including terminal outlets, and all interconnecting distribution pipelines, safeties, and venting;
- (b) responding to all alarms related to the medical gas system and storage facilities;
- (c) metering, trending and reporting the consumption of medical gases in the Building;
- (d) monitoring the available inventory of bulk and bottled medical gases and notify the Authority or such contractor or agent as designated by the Authority if replacement inventory is required;
- (e) managing delivery of bulk and bottled supplies of medical gases as necessary, including transport and swapping bottles and empties as necessary; and
- (f) monitoring and controlling the medical vacuum system from and including terminal devices (inlets), to and including the medical vacuum equipment station, and all interconnecting distribution pipelines, safeties and venting.

3.11 Maintenance of Key Energy Consuming Building Systems**PS15**

Project Co shall:

- (a) maintain all key energy consuming Building Systems, including all boilers, so that each such system operates efficiently; and
- (b) to facilitate the obligation under 3.11(a) of this Appendix 4C, conduct regular efficiency testing of all such systems in accordance with Good Industry Practice, and without limitation no less than once per month for the boilers, and will include the results of such testing in each Performance Monitoring Report.

4. SERVICE STANDARDS

Project Co shall deliver services in accordance with the standards identified within Attachment 1 to this Appendix.

5. RESPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
PS01	Providing all Plant Services in line with the General Requirements	Medium	N/A	N/A	Monthly	Performance Monitoring Report
PS02	All hazard notices and safety signs are maintained, recorded, located and displayed correctly, and fully serviceable.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
PS03	Project Co complies with all testing and reporting requirements under all applicable Authority policies, policies of insurance and all applicable Laws.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
PS04	Demand Maintenance undertaken within the stipulated Response and Rectification times set out in Section 5 of this Appendix. This includes other maintenance requests (in addition to Demand Maintenance) as per the Miscellaneous Occupant Services requirements	Low	N/A	N/A	Monthly	Performance Monitoring Report

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
PS05	All Maintained Elements are maintained in accordance with this Appendix. For the avoidance of doubt, this includes meeting the Services Protocols and Specifications described within Attachment 1 to this Appendix.	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS06	External areas of the Facility maintained in accordance with this Appendix	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS07	Provide, maintain, clean and replace as required all equipment, supplies, apparatus and consumable items	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS08	Project Co implementing and adhering to all elements of the Annual Service Plan related to Plant Services and not otherwise addressed in this Section 5.	Medium	1 Week	1 Month	Monthly	Performance Monitoring Report
PS09	Responding and determining cause for Demand Requisitions in respect of all Equipment	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS10	Project Co carries out 100% of Scheduled Maintenance within the agreed Maintenance Access Times.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
PS11	Elevator Availability of not less than 97.5% for each elevator within the Facility during each Payment Period.	High	N/A	N/A	Monthly	Performance Monitoring Report

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
PS12	If an elevator is out of service and occupants are trapped, suitably trained Project Co staff respond and safely release occupants.	High	N/A	N/A	Monthly	Performance Monitoring Report
PS13	All Building Management Systems are functional and available to the authority in accordance with Schedule 3 [Design and Construction Specifications]	Medium	N/A	N/A	Monthly	Performance Monitoring Report
PS14	Project Co performs all monitoring, maintenance, operations and periodic testing and certification required for complete, safe and functional systems.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
PS15	Maintain all key energy consuming Building Systems, including all boilers, so that each such system operates efficiently.	Medium	N/A	N/A	Monthly	Performance Monitoring Report

ATTACHMENT 1

TABLES TO APPENDIX 4C

Table 1: Service Standards, Building

Element	Standard
<p>Building Fabric External Including:</p> <ul style="list-style-type: none"> • External walls • Roof • Fire escapes • Walkways • Safety barriers • Balconies • Eaves • Rendering • Stacks and flues 	<ul style="list-style-type: none"> • Sound secure and weatherproof where appropriate. • Free from damp penetration or spalling. • Claddings, copings and parapets are structurally sound and secure. • Chimney stacks/flues are structurally sound and secure and flue is free from blockages/excess soot. • Free from debris, moss growth and animal droppings. • Free from undue wear and tear.
<p>Building Fabric Internal Including:</p> <ul style="list-style-type: none"> • Internal walls • Partitions • Ceilings • Elevators, escalators, dumbwaiters • Pneumatic tube 	<ul style="list-style-type: none"> • Free from structural cracks and/or deflection. • Free from damp and vermin. • Free from undue damage and of reasonable appearance. • Compliant with the requirements set out in ASHRAE guidelines. • Free from asbestos and other hazardous materials.

Element	Standard
<p>Fixtures and Fittings</p> <p>Including:</p> <ul style="list-style-type: none"> • Doors (external, internal and fire) • Windows and sills • Hatches • Vents • Ironmongery • Millwork • Shelving • Cupboards • Railings • Racking • Notice boards • Mirrors • Balustrades • Magnetic door holders 	<ul style="list-style-type: none"> • Operate safely and as intended, without making undue noise and without including observable stains on hinges, locks, catches and handles, and without binding, rubbing or catching in any way. • Free from all but minor surface blemishes and wear and tear. • Luminescent strips, signs, notices, warning signs where appropriate are intact, legible and illuminated where appropriate. • Free from corrosion.
<p>Floor and Floor Coverings</p>	<ul style="list-style-type: none"> • The floor coverings are complete, according to their specification. • The floor coverings are fully fixed to the floor so as not to cause a health or safety hazard. • The floor/floor covering is free from tears, scoring, cracks or any other damage that is unsightly and/or could cause a health and safety hazard. • Floor coverings/surfaces are maintained in such a way as to provide a suitable uniform surface, with minimal resistance, for wheeled beds trolleys, wheel chairs and any other wheeled vehicle in use in the Facility. • Allow adequate drainage where necessary.
<p>Decorative Finishes</p> <p>Including:</p> <ul style="list-style-type: none"> • Paintwork • Fabric • Special finishes applied to walls, ceilings, woodwork, metalwork, pipework and other visible elements) 	<ul style="list-style-type: none"> • Decorative finishes are complete according to their specification. • Free from all but minor surface blemishes or undue wear and tear. • Free from cracks, or any other surface degradation inconsistent with a building maintained in accordance with Good Industry Practice.

Element	Standard
Furniture & Equipment Including: <ul style="list-style-type: none"> • Chairs • Tables, desks • Equipment 	<ul style="list-style-type: none"> • Free from splits, cracks, and other defects (including squeaks) and free from all but minor surface blemishes or undue wear and tear. • Maintained in accordance with Occupational Health and Safety requirements of the WorkSafeBC and the Authority. • Maintained in accordance with manufacturer's requirements.

Table 3: Service Standards, Systems

Element	Standard
General	<ul style="list-style-type: none"> • In general, all Maintained Elements including the elements outlined below will at all times be functional, operational and satisfy the same performance requirements as required for Service Commencement. • Ensure Functional Protection (as defined in Schedule 3) post disaster.
MV Distribution System Including but not limited to: <ul style="list-style-type: none"> • Distribution equipment and protective devices fuse switches • Isolators • Distribution boards • Fuses • MCB's, ACB, ELCB's and RCE's • Exposed distribution cables 	<ul style="list-style-type: none"> • Ratings will be clearly marked. • Fuse elements or circuit breaker mechanisms in good working order. • Contacts and connections clean and mechanically tight. • No overheating during normal operating loads. • Secure to authorized access only. Recording instruments operational where necessary. • all bus connectors are torqued to manufacturer recommendations. • lock out procedure provided. • All cables are mega tested. • all loads on each phase are balanced. • all protective relaying is coordinated to ensure lower-rated breakers trip first. • all breakers and transformers are regularly tested. • all switchgear and transformers are clean. • injection testing carried out at least every two years. • all alarm functions operate correctly. • identification notices where necessary.
HV Distribution Systems Including: <ul style="list-style-type: none"> • Distribution equipment • Isolators • Distribution units • OCBs, ACBs and ELCBs 	<ul style="list-style-type: none"> • Ratings will be clearly marked. • Fuse elements or circuit breaker mechanisms in working order. • Contacts and connections clean and mechanically tight. • No overheating during normal operating loads. • Secure to authorized access only. • Recording instruments operational where necessary. • Transformers are maintained as per manufacturer's recommendations at least every two years. • Protective coatings are intact. • No signs of excessive heating. • Provide lock out procedure.

Element	Standard
	<ul style="list-style-type: none"> • Balance loads. • Test all protective relaying including injection testing at least every two years. • Provide coordination study after initial installation and after every significant change or at minimum every 10 years. • Indicate fault levels. • Check electronic operation of all breakers and that power source is battery operated. • Provide DC Hipot test after initial installation. • Torque all bolted connections. • Identify all current transformer and potential transformer ratios. • Provide ground fault relaying as needed. • Marker and covering notices where necessary.
<p>Hot & Cold Water Systems Including:</p> <ul style="list-style-type: none"> • all infrastructure for hot and cold water systems, plumbing and sewer systems constructed or supplied by Project Co pursuant to Schedule 3 	<ul style="list-style-type: none"> • Deliver water at the temperatures and flow rates as required to serve the facility needs without undue noise and vibration. • Taps, valves and other related fittings and fixtures function as intended. • Pipework and fittings will be fastened securely to their intended points of anchorage. • There will be no persistent drips or leaks of water from pipework, taps, valves and/or fittings.
<p>Heating, Ventilation and Air Conditioning Systems Including:</p> <ul style="list-style-type: none"> • heating plant, including boilers • heat exchanger systems • Fume hoods • Humidifiers • Heaters • Ductwork • Mixing boxes and dampers • Coolers • Inlet/outlet grilles • Refrigeration plant • Cooling towers (and other local ventilation systems); • Pneumatic tube system • all infrastructure for heating, ventilation and air condition systems constructed or supplied by Project Co pursuant to Schedule 3. 	<ul style="list-style-type: none"> • All ventilation systems will function as intended without undue noise or vibration. • Air changes and ventilation levels as required to achieve CSA and ASHRAE Standards. • Ductwork, fittings and pipework will be securely fastened to their intended points of anchorage. • There will be no persistent or unreasonable leakages of water (or other heating/cooling medium) or air from ventilation systems. • Secure to authorized access only. • Free from corrosion, erosion and organic growth; • Pneumatic tube system operates to the manufactures specifications.

Element	Standard
<p>Sanitary and Other Drainage Systems Including all sanitary ware and associated fittings</p>	<ul style="list-style-type: none"> • Function as intended, without undue noise and vibration. • Provide a safe and comfortable environment. • All pipework and fittings fastened securely to their intended points of anchorage. • There will be no leakage of waste and/or foul water and/or rain water.
<p>Fire Fighting Equipment</p>	<ul style="list-style-type: none"> • Fire extinguishers and other fire fighting equipment will be maintained in accordance with relevant codes and standards (e.g., CSA Standards). • Sound, secure and fixed to their intended point of anchorage. • Fully operational within manufacturer's recommendations. • Hydrants, sprinklers & hoses will be at correct operating pressure & capacity. • Pipework will be free from corrosion, leaks and drips. • Be of suitable type and quantity for the hazards present within their vicinity.
<p>Medical Gases and Vacuum</p> <ul style="list-style-type: none"> ○ Including all infrastructure for medical gases constructed or supplied by Project Co pursuant to Schedule 3. 	<ul style="list-style-type: none"> • Medical gas and vacuum systems will be maintained in accordance with all relevant codes and standards.
<p>Sound Transmission</p>	<ul style="list-style-type: none"> • Sound transmission levels for designated areas maintained within the design tolerances in accordance with the requirements of Schedule 3.
<p>Communications Systems Including:</p> <ul style="list-style-type: none"> ○ all cabling infrastructure supplied by Project Co pursuant to Schedule 3; ○ the public address system; ○ the patient education / entertainment system; ○ RTLS system (the Authority will be responsible for replacement of RTLS tags); ○ intercom; ○ Patient/team call system; and ○ all other communication and information technology equipment provided by Project 	<ul style="list-style-type: none"> • Electrical and data transmission communications systems will be maintained and fully operational in accordance with all manufacturers' recommendations, relevant codes and standards.

Element	Standard
Co pursuant to Schedule 3.	
<p>Electrical Systems Including:</p> <ul style="list-style-type: none"> • lighting • safety • alarm systems • all infrastructure and wiring supplied by Project Co pursuant to Schedule 3. 	<ul style="list-style-type: none"> • Weatherproof where appropriate. • Function as intended without undue noise or vibration; wiring, fittings, fixtures, controls and safety devices will be properly housed and fastened securely to their intended point of anchorage¹ and labelled. • Lightning conductor should be complete, isolated and comply with CSA Standards. • MICC cable protective coatings intact. • Light emittance should be fully functional, safe and remain within 15% of the design Lux levels in accordance with the requirements of Schedule 3.

¹ Safety devices will be deemed to include all Un-Interruptible Power Supplies (UPS) and power surge devices specified to protect personnel and equipment.

APPENDIX 4D

HOUSEKEEPING AND WASTE MANAGEMENT SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Annual Projection Notice” has the meaning given in Section 3.2 of this Appendix;

“Authority’s Infection Control Policies and Procedures” means the policies or procedures listed in Section 3.2(e) of this Appendix;

“Biomedical Waste” means waste which contains pathogens with sufficient virulence and quantity so that exposure to the waste by a susceptible host could result in an infectious disease and includes:

- (a) patient care and research waste;
- (b) human or animal anatomical tissue, organs and body parts;
- (c) non-anatomical waste consisting of:
 - (1) human cultures or specimens submitted for analysis; cultures and stocks of human cell lines; microbiological cultures and stock and material that has come into contact with any of the items above;
 - (2) live or attenuated vaccines;
- (d) drugs or other pharmaceutical products, including cytotoxic (chemo/expired pharmaceutical waste);
- (e) sharps including needles, needles attached to syringes, blades and other sharp instruments;
- (f) broken glass or other materials which are capable of causing punctures or cuts and which have come into contact with human blood or body fluid; and
- (g) articles saturated with blood or body fluids.

“Cleaned Elements” means all elements of the Facility (including those described in Table 1 of Attachment 2 to this Appendix) and all Maintained Equipment but does not include the cleaning of:

- (a) surgical instruments;
- (b) anaesthesia machines;
- (c) microscopes;
- (d) laboratory benches;

- (e) physiological monitoring equipment;
- (f) department based computers and keyboards/mouse;
- (g) respiratory therapy equipment; and
- (h) other equipment that may be identified from time to time by the Authority;

“Cleaning Access Times” means the times during which Project Co may access specified areas of the Facility to perform Cleaning Services as set out in the Annual Service Plan;

“Cleaning Outcome Standards” means those cleaning outcome standards defined within Attachment 1 of this Appendix 4D;

“Cleaning Services” means the cleaning services in respect of the Cleaned Elements to be provided by Project Co pursuant to this Appendix including Routine Cleaning, Reactive Cleaning and Planned Periodic Cleaning;

“Confidential Waste” means all waste designated as confidential by the waste generator including paper, plastic (bradma plates, ID cards, etc.) and electronic recording media (CDs, DVDs, etc.);

“Critical Care Area” means those areas of the Facility with a “Level One” and “Level Two” Functional Area Risk Categorization set out in the Cleaning Outcome Standards, or a “Very High Risk” and “High Risk” designation in the Risk Stratification Matrix set out in the Territorial Guidelines for Environmental Cleaning;

“Enhanced Cleaning” means special cleaning necessary to contain and eliminate transmission of infections;

“Facility Average” means the average score, as weighted and calculated by the audit tool included within the Cleaning Outcome Standards, of individual audits within the Facility, as further defined in Section 3.14 of this Appendix;

“Floor Care Ratio” means the ratio calculated by dividing the number of passing individual audits of hard flooring elements only, as audited by the audit tool included within the Cleaning Outcome Standards, by the total individual audits of hard flooring elements audited within the Facility as further defined in Section 3.14 of this Appendix;

“Functional Area Risk Categorization” means the operational risk status of each area of the Facility as set out in the Cleaning Outcome Standards and Territorial Guidelines for Environmental Cleaning;

“Housekeeping Quality Report” has the meaning set out in Section 3.14 of this Appendix;

“Infection Control Policies and Procedure” means the Authorities Infection Control Policies and Procedures to be updated on an as and when basis;

“Material Change” means a change greater than or less than 10% of the agreed upon value;

“Outbreak Cleaning” means special cleaning necessary to contain and eliminate an infection outbreak;

“Outbreak Cleaning Notice” means a notice from the Authority to Project Co confirming that an authorized infection control practitioner has declared an infection outbreak and requiring Enhanced Cleaning or Outbreak Cleaning to be performed;

“Planned Periodic Cleaning” means cleaning which is neither Routine Cleaning nor Reactive Cleaning, and which has a degree of flexibility in its scheduling completion;

“Quality Ratio” means the ratio calculated by dividing the number of rooms that achieve a passing score using the audit tool included within the Cleaning Outcome Standards by the total number of individual rooms audited within the Facility, as further defined in Section 3.14 of this Appendix;

“Reactive Cleaning” means ad hoc cleaning tasks performed on demand;

“Recyclable Waste” means all waste that can be recycled and such other waste which may become recyclable from time to time;

“Routine Cleaning” means the regular day-to-day cleaning tasks as described in this Appendix;

“Stanton Infection Control Coordinator” means an Authority elected suitability qualified and designated person with regard to infection control management;

“Territorial Guidelines for Environmental Cleaning” means those cleaning guidelines defined within Attachment 1 of this Appendix;

“Usage Notice” has the meaning given in Section 3.3 of this Appendix; and

“Workplace Hazardous Materials Information Systems” means the system designed to ensure that all employers obtain the information that they need to inform and train their employees properly about hazardous materials used in the workplace.

2. SERVICES

2.1 General Requirements

Project Co shall comply with all requirements set out in Schedule 4 Services Protocols and Specifications and Appendix 4A General Management Services relevant to the Housekeeping and Waste Management Services.

Project Co shall deliver the Housekeeping and Waste Management Services:

- (a) 24 hours per day, 365(6) days per year maintaining service levels and quality standards to a level that meet:
 - (1) the minimum service levels set out in this Appendix;
 - (2) the minimum Territorial and Authority standards as measured in accordance with the Cleaning Outcome Standards and Territorial Guidelines for Environmental Cleaning and achieving the passing scores set out in Section 3.14 of this Appendix;

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- (3) meet the Service standards of infection control as defined in Section 3.2 of this Appendix
- (4) acquire and/or requisition and dispense of all Housekeeping and Waste Management Services consumables.
- (b) using quality materials and high standards of workmanship to all areas of the Facility achieve high standards of cleanliness, appearance and sanitation;
- (c) at frequencies recommended by the Territorial Guidelines for Environmental Cleaning in accordance with Table 2 of Attachment 2 to this Appendix;
- (d) making all necessary changes to its cleaning programs on a daily basis to ensure that these service standards are met at all times;
- (e) in a manner which ensures a collaborative working relationship with the Authority, its employees and contractors;
- (f) in a manner which is integrated and co-ordinated with the delivery of all other Services by Project Co and the use and operation of the Facility by the Authority;
- (g) in a safe and secure manner, having regard for Facility Users and Authority Activities;
- (h) Project Co acknowledges that there will be operations and/or tasks to be performed that are not described, but are necessary ancillary to this Appendix 4D Housekeeping and Waste Management Services and these shall be performed by Project Co as part of the Services;
- (i) the details within this Appendix 4D Housekeeping and Waste Management Services form one aspect of what Project Co shall provide in respect of the Services; and Project Co will provide, integrate, and coordinate these Services with all other Services to provide, from the Authority's perspective, an integrated and complete Facility management solution;
- (j) Project Co shall exercise competent supervision of the work at all times;
- (k) Project Co shall ensure that all requisitions for Housekeeping and Waste Management Services may be completed by telephone, electronic mail, and other electronic means;
- (l) through providing sufficient qualified, licensed, trained, experienced, competent supervisory and cleaning staff (including such supervisory and cleaning staff required for workload surges, and replacements for planned and unplanned absences) to continuously meet Response Times and Rectification Periods, and to provide and maintain a clean, safe, secure, hygienic and visually pleasing environment within the Facility at all times;
- (m) Project Co shall prepare a periodic monitoring report in compliance with the contents outlined in Schedule 4 Services Protocols and Specifications and Appendix 4A General

Management Services relevant to the Housekeeping and Waste Management Services;

- (n) Project Co shall liaise monthly or as required with the Stanton Infection Control Coordinator.

3. SERVICE REQUIREMENTS

3.1 Housekeeping and Waste Management Services consists of the two main elements as follows:

- Cleaning
- Waste Management

3.2 Cleaning Services

- (a) Project Co shall develop and submit to the Authority in accordance with Sections 4.1 and 4.2 of Schedule 4 and implement as part of the Annual Service Plan appropriate policies, procedures, practices, schedules and a self-monitoring inspection and reporting system relative to the Cleaning Services.
- (b) including cleaning of all Cleaned Elements with due regard to the Functional Area Risk Categorization, the Territorial Guidelines for Environmental Cleaning and the unique requirements of each Critical Care Area.
- (c) Cleaning to the standards as identified in this Appendix 4D Housekeeping and Waste Management Services all elements as described in detail in Attachment 2 to Appendix 4D, except where specifically excluded between the Authority and Project Co.
- (d) Project Co shall not clean or move to enable general cleaning (as part of this specification) items of equipment so identified by the Authority unless in agreement between the Authority and Project Co. This shall include, but not be limited to:
- Surgical Instruments;
 - Anaesthesia machines;
 - Microscopes;
 - Laboratory Benches;
 - Physiological monitoring equipment;
 - Certain identified Patient Medical equipment when in use
 - Respiratory therapy equipment;
 - Sterilizers

A complete list shall be agreed between Project Co and the Authority and documented in the Annual Service Plan.

- (e) Compliance with the following standards for cleaning, inspections and surveys:
- Accreditation Canada. (2014). Infection prevention and control standards. Ottawa, ON: Author.
 - Canadian Standards Association (CSA). (2010). CSA Z314.15, Warehousing, storage, and transportation of clean and sterile medical devices. ON: Author
 - Canadian Standards Association (CSA). (R2014). CSA Z317.10, Handling of waste materials in health care facilities and veterinary health care facilities.
 - Department of Health and Social Services. (2012). NWT infection prevention and control manual. Yellowknife, NT: Government of the Northwest Territories.
 - Northwest Territories Safety Act. (2014). Yellowknife, NT: Territorial Printer.
 - Northwest Territories Food Establishment Safety Regulations. (2011). Yellowknife, NT.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Diseases Advisory Committee (PIDAC). Best practices for cleaning, disinfection and sterilization of medical equipment/devices. (3rd ed). Toronto, ON: Queen's Printer for Ontario; May 2013.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Disease Advisory Committee (PIDAC). Best practices for environmental cleaning for prevention and control of infections in all health care settings. (2nd ed). Toronto, ON: Queen's Printer for Ontario; May 2012.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Diseases Advisory Committee (PIDAC). Best Practices for hand hygiene in all health care settings. (4th ed). Toronto, ON: Queen's Printer for Ontario; April 2014.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Diseases Advisory Committee (PIDAC). Infection prevention and control for clinical office practice. Toronto, ON: Queen's Printer for Ontario; June 2013.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Disease Advisory Committee (PIDAC). Routine practices and additional precautions in all health care settings. Toronto, ON: Queen's Printer for Ontario; November 2012.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Disease Advisory Committee (PIDAC). Annex A: Screening, testing and surveillance for antibiotics-resistant organisms (ARO) in all health care settings. Toronto, ON: Queen's Printer for Ontario; February 2013.

- Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Disease Advisory Committee (PIDAC). Annex B: Best practices for prevention of transmission of acute respiratory infection in all health care settings. Toronto, ON: Queen's Printer for Ontario; March 2013.
 - Ontario Agency for Health Protection and Promotion (Public Health Ontario). Provincial Infectious Disease Advisory Committee (PIDAC). Annex C: Testing, surveillance and management of Clostridium difficile in all health care settings. Toronto, ON: Queen's Printer for Ontario; January 2013.
 - Operating Room Nurses Association of Canada (ORNAC). (2013). The ORNAC Standards for Perioperative Registered Nursing Practice. (11th ed.). Canada. Open Bed and Volume Planning
- (f) To assist Project Co in developing each Annual Service Plan, the Authority will give notice (the "**Annual Projection Notice**") to Project Co of the number and location of in-patient beds in the Facility the Authority anticipates will be in service during the ensuing Contract Year, as well as the opening dates and anticipated volumes in related Functional Units or other areas, no later than:
- 90 days before the Target Service Commencement Date; and
 - December 1 of each year thereafter.

Unless the Authority otherwise gives notice in accordance with Section 3.2(f) above, the Annual Projection Notice for the Contract Year commencing on the Service Commencement Date will be [102] inpatient beds.

3.3 Opening and Closing of Beds or Volume Changes

The Authority may open or close in-patient beds or change the anticipated volumes in related Functional Units or other areas at any time by giving 30 days' notice ("**Usage Notice**") to Project Co and as of the effective date set out in such notice:

- (a) all opened beds and volume increases in other areas and, to the extent reasonable in the circumstances, related Functional Units will become part of the Cleaned Elements and the Cleaning Services; and
- (b) all closed beds and volume decreases in other areas and, to the extent reasonable in the circumstances, related Functional Units will be removed from the Cleaned Elements and the Cleaning Services.

The Annual Projection Notice will be deemed to be a Usage Notice for the Contract Year in respect of which it applies and will remain effective until the Authority delivers a subsequent Usage Notice.

If any change by the Authority to the number of inpatient beds or anticipated volumes in other areas would constitute a Material Change to this Agreement, including taking into account the projected

demand volumes set out in Appendix 3A Clinical Specifications, then the terms of Schedule 6 Changes, Minor Works and Innovation Proposals will apply.

3.4 Routine Cleaning

Project Co shall provide Routine Cleaning services 24-hours a day, 365(6) days per year to meet the requirements of this contract in all areas of the Facility. Project Co shall provide the Service at such frequencies to comply with:

HK01

- (a) the requirements of this Agreement, including the Cleaning Outcome Standards, the Territorial Guidelines for Environmental Cleaning and the Annual Service Plan for each area of the Facility;
- (b) the Quality Standards set out in Attachment 2 to Appendix 4D; and
- (c) the applicable Cleaning Access Times of each area of the Facility as identified and agreed upon in advance with the Authority.

Table 3.4.1 Cleaning Access Times

Area	Access Times
Surgical	24 hours
Emergency	24 Hours
CCCU/ISCU	24 hours
Interventional diagnostic Imaging	24 hours
Medical Imaging	20:00 to 06:00
Haemodialysis	24 hours
Maternal/Child Program	24 hours
Procedure Rooms	24 hours
Inpatient Care Units	24 hours
Ambulatory Care Centre	18:00 to 06:00
Learning Centre	18:00 to 06:00
Pharmacy	18:00 to 06:00
Administrative Office Areas	18:00 to 06:00

Project Co shall deliver the Services during these Cleaning Access Times, all of which shall be fully defined within the Annual Service Plan.

3.5 Critical Care Area Services

Project Co shall provide Critical Care Areas with Cleaning Services that meet their specialized needs, including:

- (a) areas such as operating rooms, surgical day care, labour and delivery that require between case cleaning at the highest possible standard of cleaning;
- (b) areas such as post anaesthetic recovery, surgical day care and endoscopy that require between patient cleaning;
- (c) Emergency Room areas requiring 24 hours per day, 7 days per week coverage; and
- (d) other Critical Care Areas including neonatal intensive care unit, interventional diagnostic imaging, haemodialysis, procedure rooms.

3.6 Reactive Cleaning

Project Co shall provide Reactive Cleaning services on a 24-hour per day, 365(6) days per year basis to address Demand Requisitions for ad-hoc critical, emergency, urgent and routine cleaning. Project Co shall respond to such Demand Requisitions within the relevant Response Time and will return the affected areas to the required standard within the relevant Rectification Period set out in Section 3. Reactive Cleaning includes but is not limited to:

HK02

	Task	Classification	Period of Time to Complete before occurrence of Service Failure
(a)	cleaning of spillages including blood and body fluids;	Emergency	30 min
(b)	replenishment of cleaning materials/disposables and washroom supplies;	Urgent	2 hours
(c)	bed/bed linen/stretchers cleaning between patients;	Urgent	2 hours
(d)	patient room discharge, transfer and terminal cleaning, including bed/bed linen/stretchers makeup and adjoining restrooms;	Urgent	2 hours
(e)	following Demand Requisitions for isolation	Emergency	30 min

HK02a

HK02b

HK02c

	cleans;			
(e)	bed linen changing as required;	Emergency	30 min	HK02d
(g)	procedure room, birthing/delivery suite, ICU, Emergency Room and supporting rooms and restrooms;	Emergency	30 min	
(h)	following discharges from high turnover Critical Care Areas	Emergency	30 min	HK02e
(i)	cleaning following Plant Service maintenance work;	Routine	2 hours	
(i)	pre-occupancy cleaning following construction or renovation projects;	Routine	2 hours	
(j)	cleaning following incidents such as flooding;	Emergency	30 min	HK02f
(k)	cleaning following outbreaks;	Urgent	2 hours	
(l)	cleaning of operating rooms, maternity (get up cleans) and emergency department stretchers (to the extent of any overlap with tasks in items (a) to (i), the classification of "Critical" takes priority for the scope of the tasks listed in this item (l));	Emergency	30 min	HK02g
(m)	all others will be classified as per the table in Section 5 of Appendix 4D.		2 hours	

3.7 Planned Periodic Cleaning

Project Co shall provide Planned Periodic Cleaning for all Cleaned Elements including general cleaning of the Facility, interior and exterior window cleaning, carpet shampooing, high-level dusting and upholstery cleaning as and when required and in accordance with the schedule for Planned Periodic Cleaning. **HK03**

3.8 Outbreak Cleaning

Project Co shall, on receipt of an Outbreak Cleaning Notice; **HK04**

- (a) perform special Enhanced Cleaning in accordance with the Authority's Infection Control Policies and Procedures; or
- (b) perform special Outbreak Cleaning in accordance with the Authority's Infection Control Policies and Procedures;

and in either case,

- (c) work cooperatively with the appropriate infection control representatives of the Authority where a specific policy or protocol has not been established.

3.9 Cleaning Times

Subject to Section 1 of this Appendix, Project Co shall;

HK05

- (a) perform Routine Cleaning and Planned Periodic Cleaning during the relevant Cleaning Access Times and during the periods agreed in the Annual Service Plan; and
- (b) undertake and complete Reactive Cleaning within the relevant Response Time and Rectification Period set out in Section 5 of this Appendix and Schedule 8.

3.10 Re-Scheduling of Cleaning Times

If the Authority, acting reasonably, determines that the times at which Project Co proposes to perform Cleaning Services will cause disruption to the operations of the Authority or other Facility Users, the Authority may give notice to Project Co to carry out such Cleaning Services at an alternate time. Upon such agreement, the Response Time and Rectification Period for such Cleaning Services will be adjusted accordingly.

3.11 Cleaning Equipment and Supplies

Project Co shall:

- (a) provide, maintain, clean, store and replace as required all cleaning equipment in accordance with the Authority's Infection Control Policies and Procedures and will ensure all equipment is:
 - (1) designated for use in specific areas of the Facility marked and used only in these designated areas.
 - (2) noise-restricted and equipped with high quality dust filters to reduce environmental nuisance and maintain air quality when using such equipment, particularly in patient areas of the Facility; and
 - (3) individually marked and not used beyond the portable appliance testing test date certificate for each piece of equipment;
- (b) procure, store safely, deliver and use all cleaning materials and consumable products required for the provision of Cleaning Services including the supplies described in Section 3.11(c);

- (c) deliver and replenish throughout the Facility all soap, hand sanitizer, toilet paper, paper towels, feminine hygiene dispensers and consumables and biomedical waste disposal bags; and
- (d) maintain a listing of cleaning products used in the cleaning operation and ensure that:
 - (1) all materials thoroughly clean the Facility and are not detrimental to the life cycle of systems and building components (e.g. floors, walls, carpet, etc.) nor negatively affect indoor air quality;
 - (2) a copy of material safety data sheets of supplies used is kept at the Facility in accordance with Workplace Hazardous Materials Information Systems and applicable occupational health and safety regulations;
 - (3) all cleaning supply materials and equipment used are consistent with the Authority's Infection Control Policies and Procedures and have been approved by the Authority's Representative or designate before use. Approval of materials does not relieve Project Co of general responsibility under this Agreement; and
- (e) ensure that all cleaning and disinfecting products:
 - (1) have, as applicable, a drug identification number (DIN) from Health Canada;
 - (2) are used in accordance with the manufacturer's recommendations;
 - (3) require little or no mixing or diluting;
 - (4) are active at room temperature and within a short contact time against the usual microorganisms encountered in the Facility;
 - (5) have low irritancy and allergenic characteristics; and
 - (6) are safe for the environment.

3.12 Waste Management & Recycling

Project Co shall develop and submit to the Authority in accordance with Sections 4.1 and 4.2 of Schedule 4 and implement as part of the Annual Service Plan appropriate policies, procedures, practices, schedules and a self-monitoring inspection and reporting system relative to waste management and recycling. In developing such policies, procedures, practices, schedules, and inspection and reporting system Project Co shall fully take into account the Authority's waste management plan including to:

HK06

- (a) manage and provide the collection of all waste streams generated within the Facility from both Project Co and the Authority in accordance with this Appendix, including Table 1 of Attachment 2;
- (b) provide routine and reactive waste collection and segregation services in accordance with the Cleaning Access Times;

- (c) empty all refuse containers at least daily or as required such that none achieves more than 75% capacity;
- (d) segregate waste in accordance with the Authority Policies in appropriate secured and labelled containers;
- (e) transport waste generated in the Facility to the central waste disposal collection area for removal by the Authority's contractor;
- (f) segregate waste streams including Recyclable Waste (at source where practical to do so) and place in the appropriate containers at the soiled utility rooms, soiled holding rooms and exterior waste collection areas designated by the Authority, including:
 - (1) compostable, recyclable and confidential waste paper;
 - (2) cardboard;
 - (3) laser cartridges;
 - (4) glass and glass containers;
 - (5) metal food containers, and metal scrap containers;
 - (6) rigid plastics (1-7);
 - (7) soft plastics (such as film);
 - (8) newsprint;
 - (9) batteries;
 - (10) beverage containers;
 - (11) food waste;
 - (12) carpet;
 - (13) compostable materials;
 - (14) construction waste;
 - (15) electronic waste;
 - (16) furniture;
 - (17) general solid waste;
 - (18) gyproc;
 - (19) yardwaste;

- (20) confidential media (bradma plates, ID cards, CDs, DVDs and other similar media); and
- (21) wood;
- (g) work in cooperation with the Authority and its contractors to ensure that waste storage areas are:
 - (1) segregated;
 - (2) kept clean, free from loose litter, malodour, spillages and debris;
 - (3) free from pests and vermin;
 - (4) secure, clearly marked, appropriately signed, and with access restricted to authorized personnel only; and
 - (5) maintained and secured to minimize the risk of fire; and
- (h) collect soiled linens and deliver such linens to hampers and the soiled utility rooms or soiled holding rooms within the Facility and transport soiled linens from such rooms to a location designated by the Authority for removal from the Facility by the Authority's contractor.

3.13 Miscellaneous Services

Project Co shall provide the additional facility management services described in Section 1.3 of Table 1 of Attachment 2 to this Appendix. **HK07**

3.14 Quality Monitoring and Audit Reporting

Project Co shall provide a monthly, quarterly and annual performance report on all Housekeeping and Waste Management Services including:

Project Co shall annually submit its proposed auditing plan as part of the Annual Service Plan in accordance with Section 4.2 of Schedule 4 Services Protocols and Specifications. Project Co shall audit no less than 10% of patient units and 10% of all other areas of the Facility during each monthly audit with the intent that all areas of the Facility will have been subject to a cleaning audit pursuant to the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning in each Contract Year. Project Co shall consider the Functional Risk Area Categorization in determining the frequency of audits within each area of the Facility. **HK08**

In addition to the observational audits and visual assessment audits set out in the Cleaning Outcome Standards, Project Co shall also carry out environmental marking audits and patient and staff satisfaction surveys using the Authority's survey tool. Project Co shall achieve an average score of 85% in accordance with the patient and staff satisfaction surveys. **HK09**

The Authority may attend Project Co's audits and request Project Co to arrange, at Project Co's cost, for independent audits in compliance with the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning in order to confirm the validity of such reports. In any event, Project Co shall, at Project Co's cost, arrange for such independent audits comprehensively covering the Facility and in respect of the areas of the Facility described within the Annual Service Plan, to take place at least annually.

Project Co shall achieve the following passing scores in the observational audits and visual assessment audits pursuant to the Cleaning Outcome Standards:

- (a) Facility Average: a passing score for this category is 85% or higher; **HK10**
- (b) Quality Ratio: a passing score for this category is 75% or higher; **HK11**
- (c) Floor Care Ratio: a passing score for this category is 75% or higher. **HK12**

If, in any calendar month during the Operating Period, Project Co fails to attain a passing score in any of the Facility Average, Quality Ratio or Floor Care Ratio categories, then Project Co shall, within 5 Business Days after the end of the relevant month, generate a housekeeping quality report (a "**Housekeeping Quality Report**") identifying:

- (d) the relevant area(s) of the Facility;
- (e) the inspection elements for which Project Co did not attain a "Pass" in accordance with the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning in the relevant area(s) during the relevant month;
- (f) the housekeeping functions that contributed to the identified failures and possible root causes; and
- (g) an action plan to remedy the identified failures.

Project Co shall review the Housekeeping Quality Report with the Authority and consult with the Authority with respect to the action plan(s) therein. Project Co shall, as soon as reasonably practicable, implement the action plan in consultation with the Authority. Project Co shall generate a further Housekeeping Quality Report, and review that report with the Authority, monthly until such time as the identified failures have been remedied and Project Co is achieving a passing score in all categories.

Project Co shall implement and adhere to all other elements of the Annual Service Plan relating to Housekeeping and Waste Management Services not otherwise addressed in Section 3.

HK013

4. SERVICE STANDARDS

Project Co shall deliver services in accordance with the standards identified within Attachment 1 and 2 of this Appendix.

5. RESPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	Service is a statutory, legal and/ or	Instant	2 weeks	Instant	2 weeks

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
	legislative requirement. If a Service Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.	Failure		Failure	

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
	Cleaning Services					
HK01	Project Co performing Routine Cleaning services 24-hours a day, 365(6) days per year to meet the requirements of this contract in all areas of the Facility in order to comply with the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning.	Low	N/A	N/A	Monthly	Performance Monitoring Report
HK02	Project Co performing Reactive Cleaning in the Functional Area Risk areas I, II, III and IV in accordance with this Appendix, the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning.	Low	N/A	N/A	Monthly	Performance Monitoring Report
HK02a	Project Co performing Reactive Cleaning of spillages including blood and body fluids.	Medium	N/A	N/A	Monthly	Performance Monitoring Report

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
HK02b	Project Co performing Reactive Cleaning following discharges from patient rooms in accordance with this Appendix, the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning.	Low	N/A	N/A	Monthly	Performance Monitoring Report
HK02c	Project Co performing Reactive Cleaning following Demand Requisitions for isolation cleans.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HK02d	Project Co performing Reactive Cleaning to bed linen changing as required.	Low	N/A	N/A	Monthly	Performance Monitoring Report
HK02e	Project Co performing Reactive Cleaning following discharges from high turnover Critical Care Areas (ER, LDR, OR).	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HK02f	Project Co performing Reactive cleaning following incidents such as flooding;	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HK02g	Project Co performing Reactive Cleaning of operating rooms, maternity (get up cleans) and emergency department stretchers	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HK03	Project Co performing Planned Periodic Cleaning in accordance with this Appendix 4D	Low	N/A	N/A	Monthly	Performance Monitoring Report
HK04	Project Co performing Enhanced Cleaning and Outbreak Cleaning in accordance with Section 3.8 of this Appendix	High	N/A	N/A	Monthly	Performance Monitoring Report
HK05	Project Co performing Cleaning Services at the times permitted in Section 3.9 of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
	Waste Management					
HK06	Project Co collecting, segregating, transporting and providing all waste management services in accordance with this Appendix	Low	N/A	8 hours	Monthly	Performance Monitoring Report
	Other					
HK07	Additional facility management services described in Section 3.13 of this Appendix performed as requested	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HK08	Project Co auditing 10% of patient units and 10% of all other areas of the Facility on a monthly basis in accordance with Section 4 of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report
HK09	Project Co achieving an average score of 85% in accordance with the patient and staff satisfaction surveys.	Medium	N/A	N/A	Annually	Performance Monitoring Report
HK10	Project Co achieving the Facility Average passing score of 85% or higher in accordance with Section 3.14 of this Appendix.	Medium	N/A	N/A		Performance Monitoring Report
HK011	Project Co achieving the Quality Ratio passing score of 75% or higher following an independent audit in accordance with 3.14 of this Appendix.	Medium	N/A	N/A	Annually	Performance Monitoring Report
HK12	Project Co achieving the Floor Care Ratio passing score of 75% or higher following an independent audit in accordance with 3.14 of this Appendix.	Medium	N/A	N/A	Annually	Performance Monitoring Report

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
HK013	Project Co implementing and adhering to all other elements of the Annual Service Plan relating to Housekeeping and Waste Management Services not otherwise addressed in Section 3 of this Appendix	Low	N/A	N/A	Bi-Annually	Performance Monitoring Report

ATTACHMENT 1 TO APPENDIX 4D

NOT USED

ATTACHMENT 2 TO APPENDIX 4D

Table 1 Housekeeping and Waste Management Services

Without limiting the requirements of the Schedule 4 Services Protocols and Specifications and this Appendix, Housekeeping and Waste Management Services includes the following:

Elements	Requirements
1.1 General Cleaning Requirements	<ul style="list-style-type: none"> (a) All patient/resident rooms, staff areas and supporting areas, daily, routine, discharge and special cleaning (b) All critical care areas (c) All isolation rooms cleaning (daily, routine, discharge and special cleaning) (d) Prepare all rooms after patient/resident discharges & transfers (includes stripping, making beds, stocking unit and blueware, removal of dirty linen to collection areas, transport of beds and equipment) except for equipment as identified in Section 3.2(d) (e) Remove all blue-ware from rooms and transport to collection/process cleaning areas (f) All washrooms/showers/tub areas and replenish supplies to meet frequency demands (g) All sinks and hand washing areas and replenish supplies to meet frequency demands (h) All stretchers, beds, routine and cycle cleaning of frames and all type of mattresses. Exchange of old mattresses with new mattresses provided by the Authority when required (i) All isolates (incubators), bassinets, baby warmers, crib hoods, labour/maternity birthing beds and all associated patient equipment (j) All patient medical related equipment including I.V. poles and pumps, suction and oxygen units, autoclaves, tractions (k) All patient/resident related equipment & furnishings including wheelchairs, commodes and walkers. Move furniture or equipment. (l) All paediatric unit toys, doll / play houses, etc. (m) All linen hampers and garbage waste containers and garbage waste transport units (n) All supply carts stored on unit, storage shelves and frames including: isolation, crash, lakeside and medication carts (must be coordinated with the units) (o) All bathing tubs (i.e. Century & Arjo Tubs) at end of day including routine disinfection of jets and plumbing (p) All staff refrigerators and unit appliances, including all food microwaves (q) All medical refrigerators provided the Authority has emptied them of all medication following reasonable notice from Project Co of the scheduled cleaning of such refrigerators (r) All offices, office furniture, phone, computer screens, keyboards, oscillating fans

Elements	Requirements
	<ul style="list-style-type: none"> (s) All unit dining room tables after each meal (t) All silk plants in common areas. (u) All elevators, including doors, floors, vents and tracks (v) All main lobbies, corridors and stairs (w) All seasonal areas and patios (x) All exterior and interior glass & windows, including screens (y) All window coverings, PVC blinds. Exchange cubicle, window and shower curtains (z) Provide carpet & upholstery cleaning programs (extracting/bonnet/spot /vacuum) (aa) Provide comprehensive floor care programs (scrub/polish/topcoat/strip/finish) bb) Move furnishing & equipment from rooms when performing special cleaning. Provide office moves, room set-ups. Provide furniture and equipment disposal (cc) Soiled Inpatient Mobile Equipment except for equipment as identified in Section 3.2(d), (dd) Provide spills clean of body fluids/water/general fluids. May include small chemical spill as per facility protocol (ee) Cleaning of the immediate area (up to [10] metres) outside each entrance of the Facility, including entrance/exit areas, exterior walkways, patios/seasonal areas, loading docks/waste collection points, glass, doors, ledges and sills to a maximum height of 5 metres, garbage cans, benches, seating areas and concrete walkways, routine exterior window cleaning of ground floor glass, entrances and exits into the parkades and parking lots and the power washing of concrete walkways. Remove waste, empty ashtrays and sweep. (ff) Cleaning of, and debris removal from, the underground parking areas
1.2 Waste Management Services:	<ul style="list-style-type: none"> (a) Collect waste from all rooms and corridors and transport to the soiled utility rooms/garbage chutes. (b) Collect biomedical, chemical, pharmaceutical, cytotoxic and radiological waste & take to designated holding area (c) Collect recyclables & take to holding/collection areas (d) Transport all waste /recyclables using defined transport routes only to central waste disposal holding areas and prepare material for disposal/collection by Authority's contractor, including operation of bailers and compactors (e) Clean containers or carts used for transport of all waste streams (f) Segregate/package/label/weigh/record/track all waste streams and provide random audits and waste reports (g) Replace all sharps containers when full to the lesser of $\frac{3}{4}$ full or the fill line. (h) Removal of non-functioning equipment and furniture and take to a holding area

Elements	Requirements
1.3 Miscellaneous Services:	<p>(a) Provide room setups for lecture/training/class rooms/display areas and provide clean-up and reset of the rooms/areas between meetings and at the end of the day</p> <p>(b) Pickup all units/departments soiled linen & take to the soiled utility rooms/linen chute/designated soiled linen holding cart</p> <p>(c) Provide odour control program</p> <p>(d) Provide sanitary napkin machine services</p> <p>(e) Launder cleaning cloths, mops offsite</p> <p>(f) Report all facility conditions that affect the cleaning operation, present as a safety hazard, or is detrimental to the image of a visually pleasing environment</p> <p>(g) Deliver seasonal decorations.</p> <p>(h) collect and deliver lost and found articles to the Authority's security department or as otherwise directed by the Authority</p>

Table 2 Cleaning Standards

Without limiting the requirements of Schedule 4 Services Protocols and Specifications and this Appendix, including the specific requirements of the Cleaning Outcome Standards and the Territorial Guidelines for Environmental Cleaning, Cleaning Services will include the following:

Element	Requirement
Building	
External features, fire exists and stairwells	<ul style="list-style-type: none"> • Landings, ramps, stairwells, fire exits, steps, entrances, porches, patios, balconies, eaves, external light fittings are free of dust, grit, dirt, chewing gum, leaves, cobwebs, rubbish, graffiti, cigarette butts and bird excreta. • Handrails are clean and free of stains. • Garden furniture is clean and operational.
Walls, assist rails, baseboards and ceilings/tile and support frames	<ul style="list-style-type: none"> • Internal and external walls and ceilings are free of dust, grit, lint, soil, film, graffiti and cobwebs. • Walls and ceilings are free of marks caused by furniture, equipment or users of the Facility. • Light switches are free of fingerprints, scuffs and any other marks. • Light fittings are free of dust, grit, lint and cobwebs. • Polished surfaces are of a uniform lustre.
Windows	<ul style="list-style-type: none"> • External and internal surfaces of glass are clear of all streaks, chewing gum, spots and marks, including fingerprints and smudges. • Window frames, tracks and ledges are clear and free of dust, grit, marks and spots.
Doors	<ul style="list-style-type: none"> • Internal and external doors and doorframes are free of dust, grit, lint, chewing gum, soil, film, fingerprints and cobwebs. • Doors and doorframes are free of marks caused by furniture, equipment

Element	Requirement
	<ul style="list-style-type: none"> • or staff. • Air vents, grilles and other ventilation outlets are kept unblocked and free of dust, grit, soil, film, cobwebs, scuffs and any other marks. • Door tracks and doorjambbs are free of grit and other debris. • Polished surfaces are of a uniform lustre.
Hard floors	<ul style="list-style-type: none"> • The floor is free of dust, grit, litter, chewing gum, marks and spots, water or other liquids. • The floor is free of polish or other build-up at the edges and corners or in traffic lanes. • The floor is free of spots, scuffs or scratches on traffic lanes, around furniture and at pivot points. • Inaccessible areas (edges, corners and around furniture) are free of dust, grit, lint and spots. • Polished or buffed floors are of a uniform lustre. • Appropriate signage and precautions are taken regarding pedestrian safety on newly cleaned or wet floors. • Dust control mats are free from ingrained dust, dirt and stains, and the edges and reverse side are free from dust and dirt.
Soft floors	<ul style="list-style-type: none"> • The floor is free of dust, grit, litter, chewing gum, marks and spots, water or other liquids. • The floor is free of stains, spots, scuffs or scratches on traffic lanes, around furniture and at pivot points. • Inaccessible areas (edges, corners and around furniture) are free of dust, grit, lint and spots. • Carpets and entrance matting are of an even appearance without flattened pile. After deep cleaning, there is not shrinkage, colour loss or embrittlement of fibres. • Dust control mats are free from ingrained dust, dirt and stains, and edges and reverse side are free from dust and dirt.
Ducts, grills and vents	<ul style="list-style-type: none"> • All ventilation outlets are kept unblocked and free of dust, grit, chewing gum, soil, film cobwebs, scuffs and any other marks. • All ventilation outlets are kept clear and uncluttered following cleaning.
Fixtures	
Electrical fixtures and appliances	<ul style="list-style-type: none"> • Electrical fixtures and appliances are free of grease, dirt, dust, deposits, marks, stains and cobwebs • Electrical fixtures and appliances are kept free from signs of use or non-use. • Hygiene standards are satisfied where the fixture or appliance is used in food preparation. • Motor vents, etc., are clean and free of duct and lint. • Insect killing devices are free of dead insects, and are clean and functional.
Furnishings and fixtures	<ul style="list-style-type: none"> • Hard surface furniture is free of spots, soil, film, dust, fingerprints and spillage.

Element	Requirement
	<ul style="list-style-type: none"> • Soft furnishings are free from stains, soil, film and dust. • Furniture legs, wheels and castors are free from mop strings, soil, film, dust and cobwebs. • Inaccessible areas (edges, corners, folds and crevices) are free of dust, grit, lint and spots. • All high surfaces are free from dust and cobwebs. • Curtains, blinds and drapes are free from stains, dust, cobwebs, lint and signs of use or non-use. Cords shall be clean and knot free. • Equipment is free of tapes/plastic, etc., which may compromise cleaning. • Furniture has no unpleasant or distasteful odour. • Shelves, bench tops, cupboards and wardrobes/lockers are clean inside an out, and free of dust and litter. • Internal plants are free of dust and litter. • Waste/rubbish bins or containers are clean inside and out, free of stains and mechanically intact. • Waste is removed in accordance with the Service Standards of the Waste Management Specific Service Specification Table 1 above. • Fire extinguishers and fire alarms are free of dust, grit, dirt and cobwebs, and mechanically intact. • All decorative plants are free of dust and debris.
Kitchen fixtures and appliances	<ul style="list-style-type: none"> • Fixtures, surfaces and appliances are free of grease, dirt, dust, deposits, marks, stains and cobwebs. • Electrical and cooking fixtures and appliances are kept free from signs of use or non-use. • Cooker hoods (interior and exterior) and filters are free of grease and dirt on inner and outer surfaces. • When cleaning food preparation areas, fixtures or appliances, the requirements of the Hazard Analysis Critical Control Points (HACCP) Standards and Health Authorities Environmental Health officer, as appropriate, must be satisfied. • Motor vents, etc., are clean and free of dust and lint. • Refrigerators/freezers are clean and free of ice build-up. • Waste is removed in accordance with the Service Standards of the Waste Management Specific Service Specification.
Toilets and bathroom fixtures	<ul style="list-style-type: none"> • Porcelain, cubicle rails and plastic surfaces are free from smudges, smears, body fluids, soap build-up, mineral deposits, and hair inside and outside. • Metal surfaces, shower screens and mirrors are free from streaks, soil, smudges, soap build-up and oxide deposits. • Wall tiles and wall fixtures (including soap dispensers and towel holders) are free of dust, grit, smudges/streaks, mold, soap build-up and mineral deposits. • Shower curtains and bath mats are free from stains, smudges, smears,

Element	Requirement
	<ul style="list-style-type: none"> odours, mould and body fluids. • Plumbing fixtures are free of smudges, dust, soap build-up and mineral deposits. • Bathroom fixtures are free from unpleasant or distasteful odours. • Polished surfaces are of a uniform lustre. • Sanitary disposal units are clean and functional. • Consumable items are in sufficient supply. • Waste is removed in accordance with the Service Standards of the Waste Management Specific Service Specification Table 1.
Patient Equipment	
<p>Patient equipment</p> <ul style="list-style-type: none"> • Wheelchairs • Beds and mattresses (including carts) • Carts, stretchers • Bedside lockers • Toilet chairs • Bedside tables/lockers • Bedside chairs • Sofas • Over bed tables • IV stands • Suction machines • Cubicle curtains • Bedpan washers/sterilizers • Hoists • Medication carts • Ceiling lifts/slings 	<ul style="list-style-type: none"> • Equipment is free from soil, smudges, dust, fingerprints, grease and spillage. • Equipment is free of tapes/plastic, etc., which may compromise cleaning. • Equipment legs, wheels and castors are free from mop strings, soil, film, dust and cobwebs. • Equipment has no unpleasant or distasteful odour.
Environment	
Overall Appearance	<ul style="list-style-type: none"> • The area appears tidy and uncluttered. • Floor space is clear, only occupied by furniture and fittings designed to sit on the floor. • Furniture is maintained in a fashion which allows for cleaning. • Fire access and exit doors are left clear and unhindered.
Odour control	<ul style="list-style-type: none"> • The area smells fresh. • There is no unpleasant or distasteful odour. • Room deodorizers are clean and functional.

APPENDIX 4E

UTILITY MANAGEMENT SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

"Utilities" includes:

- (a) essential electrical power (vital and delay vital);
- (b) utility electrical power;
- (c) heating hot water;
- (d) water;
- (e) sanitary waste;
- (f) storm water;
- (g) gas, oil and any other fossil-based fuel;
- (h) the supply of fuel for the biomass boilers such as wood pellets as well as the removal of ash from the Lands;
- (i) medical gas compounds;
- (j) telephone and data cabling; and
- (k) television/satellite cable.

"Utility Company" means any company designated by the Authority to provide Utilities to the Facility and, in respect of heating and domestic hot water, means the Authority.

2. SERVICES

2.1 General Requirements

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications and the requirements set out in Schedule 2C [Energy and Carbon Emissions], Project Co shall deliver the Utility Management Services:

- (a) 24 hours per day, 365(6) days per year; and
- (b) in a manner integrated and coordinated with the Plant Services to facilitate the smooth operation of the Facility.

UM01

3. SERVICE REQUIREMENTS

3.1 General

As part of the delivery of the Utility Management Services, Project Co shall:

- (a) manage all Utilities delivered to the Facility by Utility Companies;
- (b) manage, test and troubleshoot all utilities, associated systems and infrastructure; **UM02**
- (c) maintain the integrity of the systems that support and deliver Utilities within the Facility and ensure that an adequate continuous supply of all Utilities is available 24 hours a day, 365(6) days per year to all applicable Facility locations;
- (d) in the event that there is a disruption from a Utility Company, Project Co shall supply emergency utilities in accordance with the design criteria included in Schedule 3 Design and Construction Specifications and will cooperate and assist the Authority in contingency response including the supply of temporary utilities where feasible; **UM03**
- (e) respond to all Demand Requisitions in connection with Utilities;
- (f) post hazard and safety notices and record, distribute and evaluate such notices to ensure that all required notification procedures regarding failures are complied with;
- (g) provide, manage and operate an effective BMS that includes an integrated energy and utilities management system;
- (h) prepare a utilities report for the Facility as part of the Annual Service Plan (together with progress reports at each Payment Period) that provides user configurable reports, detailing time stamped usage history, status, event history, consumption history and other required energy usage and control information in detailed and summary formats; **UM04**
- (i) be responsible for: **UM05**
 - (1) obtaining and maintaining all required permits, licenses, test certificates and approvals;
 - (2) undertaking all testing, cleaning and maintenance, including as required by the Utility Company(s) and other parties having jurisdiction;
- (j) regularly review and amend as required the utility supply specifications such that they are consistent with the requirements of the Authority; and
- (k) ensure all physical connections and structured cabling for telephone and data services are provided and maintained at all times; and

- (l) inform the Authority’s Representative or designate of all:
 - (1) unscheduled disruptions to any Utility immediately upon the occurrence; **UM06**
and
 - (2) scheduled interruptions to any Utility not less than seven days prior to such disruption. **UM07**

3.2 Utilities Provided by the Authority

Project Co shall be responsible for management of all Utilities provided by the Authority to the Facility from the point of connection of such Utilities within the Authority’s facilities on the Lands.

3.3 Biomass Waste

Project Co shall be responsible for the process and cost of removal of waste product from the biomass boilers such as ash.

4. SERVICE STANDARDS

NOT USED

5. RESPONSE AND RECITIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	Service required immediately and is considered a serious emergency, including: <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	Service required as soon as possible: <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

Performance Indicators

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
	Management					
UM01	An adequate, continuous supply of all Utilities is maintained 365 (6) days per year, 24 hours a day. (Excluding disruptions in service caused by a Utility Company)	High	N/A	N/A	Monthly	Performance Monitoring Report
UM02	Project Co testing the Facility’s emergency power system at least weekly but otherwise as and when required under applicable Laws, standards and Good Industry Practice and including annual full load testing	High	N/A	N/A	Monthly	Performance Monitoring Report
UM03	Project Co supplying emergency utilities in accordance with the design criteria in the event that there is a disruption from a Utility Company	High	N/A	N/A	Monthly	Performance Monitoring Report
UM04	Project Co implementing and adhering to all elements of the Annual Service Plan related to Utility Management Services	Medium	N/A	N/A	Monthly	Performance Monitoring Report
UM05	Proof of all necessary required permits, licenses, test certificates and approvals;	Medium	N/A	N/A	Monthly	Performance Monitoring Report
UM06	Inform the Authority immediately on occurrence of any scheduled interruptions to any Utility supply	High	N/A	N/A	Monthly	Performance Monitoring Report
UM07	Inform the Authority of all unscheduled interruptions to any Utility supply	Medium	N/A	N/A	Monthly	Performance Monitoring Report

APPENDIX 4F

ROADS, GROUNDS AND LANDSCAPE MAINTENANCE

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Roads, Grounds and Landscape Maintenance Services” means the commissioning, testing, servicing, maintenance, repair, renewal or replacement of the roads, grounds or landscape maintained elements.

2. SERVICES

2.1 General Requirements

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications, Project Co shall deliver the Roads, Grounds and Landscape Maintenance Services in a manner integrated and coordinated with all other Project Co Services to facilitate the smooth operation of the Lands.

3. SERVICE REQUIREMENTS

Project Co shall:

- (a) Provide Maintenance for all roads, grounds and landscape at the Lands: **RG01**
 - (1) maintenance of irrigation systems, exterior lighting, internal roadways, parking areas and other site improvements;
 - (2) Full horticulture services, including:
 - (A) tree maintenance/surgery;
 - (B) lawn care, including mowing and edging;
 - (C) flower bed maintenance;
 - (D) weeding;
 - (E) planting, including shrubs, trees, flower beds; and
 - (F) effective irrigation procedures;
 - (3) snow and ice removal from sidewalks and roadways, including: **RG02**
 - (A) snow plowing, clearing, sanding and salting (including the application of other ice melt products); and
 - (B) development of a snow and ice clearing priority protocol in consultation with the Authority;

- (b) ensure all external areas of the Facility are sound, safe, tidy and maintained in accordance with Table 1 of Attachment 1 to this Appendix;
- (c) protect from damage all existing and new plants, site services, curbs, paving, structures, finishes and any other features, during the course of providing the Services; and
- (d) obtain the approval of the Authority before using any herbicides, pesticides or fertilizers, all used in accordance with local regulations and bylaws.

4. SERVICE STANDARDS

Project Co shall deliver services in accordance with the standards identified within Attachment 1 of this Appendix.

5. RESPONSE AND RECITIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	Service required immediately and is considered a serious emergency, including: <ul style="list-style-type: none"> • issues having an immediate negative impact on patient care or clinical functionality; • safety problems exposing Facility Users to danger; • emergency repairs to prevent further damage (i.e. burst pipe); and • equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	Service required as soon as possible: <ul style="list-style-type: none"> • to address problems not presenting an immediate danger; and • to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
RG01	All gardens, grounds and other external areas of the Facility are maintained in accordance with this Appendix and specifically the standards set out in Attachment 1 of this Appendix.	Low	N/A	N/A	Monthly	Performance Monitoring Report
RG02	Snow and ice removal must be carried out according to this Appendix.	Medium	N/A	N/A	Monthly	Performance Monitoring Report

ATTACHMENT 1
SERVICE STANDARDS

Table 1:

Element	Standard
General	<ul style="list-style-type: none"> • All elements are to be maintained, repaired and refreshed as required to meet the performance specifications of the design criteria and consistent with a site maintained in accordance with all applicable laws, codes, legislation, hospital policies and Good Industry Practices.
Site Improvements and Infrastructure	<ul style="list-style-type: none"> • Free from litter, graffiti and/or vandalism. • Accessible for the visually and mobility impaired, wheelchair users. • All external furniture, and hard landscaping features maintained in accordance with the design criteria • Waste bins emptied as required • Irrigation and exterior lighting systems functional and maintained in accordance with the design criteria. • Gutters, drains and storm water systems free from litter, leaves, weeds and extraneous material • Fences, walls and gates safe, sound and secure
Site Circulation Routes Including: <ul style="list-style-type: none"> • Car Parking Areas (underground) • Hardstandings • Facility entrances • External staircases • External evacuation routes 	<ul style="list-style-type: none"> • Sound safe and even surfaces. • Substantially free from standing water, ice, snow. • Substantially free from fallen leaves, moss algae or interstitial weeds. • Free from fallen trees. • Curbs and edgings are sound. • No loose curbs or paving stones. • Road markings and parking stripings are clear and complete. • Free from graffiti and/or vandalism. • Provides for good disabled access such as the visually impaired and wheelchair users. • Protection of all vehicles from chemical sprays during any applications. • Free from undue wear and tear.

Element	Standard
<p>External Furniture and Structures Including:</p> <ul style="list-style-type: none"> • Guard rails • Copings • Statues or ornamental objects • Bollards 	<ul style="list-style-type: none"> • Sound, secure, safe and free from damage. • Operating at their design performance where applicable. • Substantially free from moss algae and/or interstitial weeds. • Free from graffiti and/or vandalism. • luminaries and light sources function as intended and achieve the required levels of illumination. • Free from undue wear and tear.
<p>Rooftop Landscaping and Interior Courtyards</p>	<ul style="list-style-type: none"> • Shrubs pruned and trimmed. • Smooth, even surfaces. • Regulation and management of pest control. • Seed, maintain, mow, trim and fertilize grass. • Substantially free from moss algae and/or interstitial weeds. • Free from graffiti and/or vandalism. • Substantially free from standing water, ice or snow. • Free from undue wear and tear.
<p>Boundaries Including:</p> <ul style="list-style-type: none"> • Fences/walls • Gates 	<ul style="list-style-type: none"> • Intact safe, sound and secure. • Free from graffiti and damage. • Locks are operational. • Free from undue wear and tear.
<p>External Sign Posting (incl. lighting)</p>	<ul style="list-style-type: none"> • Compliant with the “Signage & Wayfinding” requirements in Schedule 3 Design & Construction Specifications. • Secure and sound. • Does not obscure the sight lines of drivers, cyclists and pedestrians at junctions, and hinder the visibility of drivers, cyclists and pedestrians. • Be in appropriate locations. • Highly visible, both day and night. • Offer clear and concise information. • Free from graffiti and/or vandalism. • Replacement of elements for luminaries and light sources. • Free from undue wear and tear.
<p>Gutters and Drains</p>	<ul style="list-style-type: none"> • Swept. • Substantially free from litter, leaves, weeds and extraneous material. • Free from undue wear and tear.

Element	Standard
Snow and Ice Removal	<ul style="list-style-type: none"> • Snow shall not be permitted to accumulate more than 3 cm in depth in Lands circulation areas used by the pedestrians in courtyards or to access the Facility and 5 cm for all other Lands circulation areas, and will be plowed daily as required within two hours of such accumulation. Remove snow from walkways, steps and entrances as required to maintain clear surfaces and permit safe access. • Relocation/removal of unreasonable snow accumulation • Application and re-application, as required, of salt, sand and/or ice melting products to all paved and concrete areas including without limitation roadways, sidewalks, stairs and landings • Removal of ice as required and on an on-going basis to reduce the risk of injury and accident and ensure safe access to the Facility at all times • Reasonable snow storage on the Lands is acceptable in designated areas for snow collection if they exist. Accumulation must not pose safety hazards, impede visibility or impede fire lanes, pedestrian or vehicle traffic or restrict availability of Parking. • Designated pathways used for therapy or patient circulation in courtyards are to be cleared of snow in accordance with these standards. Seating and assembly areas outside of the pathways do not need to be cleared.

APPENDIX 4G

PARKING MANAGEMENT SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of the Agreement:

“Authority-Provided Parking Services” means such parking services, including the provision of maintenance, monitoring and repair of related equipment and machinery, provided under any separate agreement(s) between the Authority and any third party, from time to time or at any time.

“Car Parking Areas” means all car parking lots and all other areas designated for parking on the Lands; and

“Car Parking Users” means users of the parking areas located within the Lands.

2. SERVICES

2.1 General Requirements

- (a) Project Co shall perform the Parking Management Services in compliance with this Appendix and all other requirements of this Agreement.
- (b) Project Co shall continuously perform the Parking Management Services throughout the Operating Period, and is responsible for such Services 24-hours per day 365(6) days per year.
- (c) There may be services or tasks to be performed that are not expressly described in this Agreement, but in performing the Services in this Appendix, Project Co shall perform all such tasks as are required by Good Industry Practice.
- (d) This Appendix includes a table that references Performance Indicators applicable to the Parking Management Services. The Performance Indicators include all provisions of the relevant section of this Appendix referenced in the table and all other Services required or reasonably inferred to be required to perform the relevant Performance Indicator. The Performance Indicators identified will not limit the scope of the Parking Management Services to be performed.
- (e) Without limiting the requirements of the Agreement, including the other provisions or this Appendix, Project Co shall:
 - (1) provide high quality, efficient and flexible Parking Management Services at all times;
 - (2) provide sufficient number of qualified, trained and competent personnel (which in all cases includes employees or other personnel of Project Co, the Service Provider and Sub-Contractors) with the skills necessary to perform the Services;
 - (3) meet all requirements of applicable Law, Building Code, applicable collective

agreement(s) and Authority Policies. Where there are conflicts between Project Co policies and the Authority Policies, Authority Policies will prevail;

- (4) research and develop new service delivery methods and apprise the Authority of their benefits;
 - (5) manage matters and marshal resources as required to participate in emergency responses and to provide a high level of customer care;
 - (6) cooperate with and assist the Authority in the interface and coordination of the other services identified to be delivered by the Authority and/or its contractors other than Project Co and the Service Provider and Sub-Contractors;
 - (7) exercise competent supervision of the Services at all times; and
 - (8) provide all quality assurance and quality monitoring.
- (f) References in this Appendix to the requirements for Design and Construction, including provisions of Schedule 3 Design and Construction Specifications will, in respect of the other site services, be interpreted to apply to the Facility and other site services with such changes as are required to give meaning to such references.

3. SERVICE REQUIREMENTS

3.1 General

- (a) Project Co shall:
 - (1) provide a secure and safe car parking environment for patients, staff, medical staff, volunteers and visitors to the Facility, their vehicles and their property; and
 - (2) provide traffic management across the car parking areas to ensure the free flow of traffic ensuring access to the Facility at all times.
- (b) For convenience of reference the Parking Management Services are separated into the following elements:
 - (1) provision of parking and traffic management;
 - (2) parking administration and management; and
 - (3) quality monitoring.
- (c) The intention of this Appendix is that Project Co shall provide Parking Management Services in respect of the whole of the Lands, but, for greater certainty, not in respect of the Existing Hospital Lands. It is not intended by this Appendix that Project Co shall provide Parking revenue collection services.

3.2 Provision of Parking and Traffic Management

- (a) Project Co shall provide parking which must be clearly signed and separately designated for each of the following categories: **PS01**
- (1) patient parking;
 - (2) staff and volunteer parking;
 - (3) visitor parking;
 - (4) persons with disabilities car parking;
 - (5) drop off zones;
 - (6) emergency patient/visitor parking;
 - (7) patient transport parking;
 - (8) priority staff parking;
 - (9) bicycle parking;
 - (10) ambulance parking; and
 - (11) public transportation including buses.
- (b) Project Co shall: **PS02**
- (1) provide, maintain, operate, and replace when necessary, access and egress equipment to ensure all Car Parking Areas can be used by authorized persons. Such control measures will minimize the potential for causing congestion and will have sufficient capacity to cope with peak traffic flow;
 - (2) ensure that the entry to any Car Parking Area is restricted to authorized persons through the delivery and management of appropriate access control as per the requirements of Schedule 3;
 - (3) ensure all equipment and machinery, other than equipment and machinery which may be subject to Authority-Provided Parking Services, are commissioned, operated and maintained in good safe working order (at all times) and in accordance with manufacturer's instructions and requirements; **PS03**
 - (4) in conjunction with the Authority, develop and manage a mechanism to handle lot full or capacity problems (i.e., overflow access, perpetual stall counter system etc.);

(5) regularly inspect the parking areas and internal roadways and report any damage to the Help Desk promptly and ensure appropriate repairs are made in accordance with the standards in the grounds specification. Such damage to be repaired includes, but is not limited to:

- (A) damaged car park or road surface;
- (B) curbing and footpaths;
- (C) overhanging obtrusive vegetation;
- (D) inadequate street and/or car park lighting;
- (E) road or space definition markings; and
- (F) inadequate, or damaged signage;

(6) keep all entrances, exits and internal roadways within the Car Parking Areas clear from vehicular and other obstructions thus maintaining free flow of traffic at all times. These responsibilities include but are not limited to:

PS04

- (A) enforced removal of such obstructions at Project Co's expense;
- (B) dealing with customer complaints in accordance with Project Co's complaints policy; and
- (C) acting at all times in a courteous and polite manner.

3.3 Parking Administration & Management

PS05

Project Co shall provide a report of all incidents of crime within the Car Parking Areas to the Authority daily.

3.4 Quality Monitoring

PS06

Project Co and the Authority will develop, maintain and implement a system for recording and acting on customer feedback and satisfaction with respect to the Parking Management Services through the conduct of a customer user satisfaction survey/questionnaire to be carried out annually.

4. SERVICE STANDARDS

NOT USED

5. RESPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> • issues having an immediate negative impact on patient care or clinical functionality; • safety problems exposing Facility Users to danger; • emergency repairs to prevent further damage (i.e. burst pipe); and • equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> • to address problems not presenting an immediate danger; and • to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
PS01	All parking accessible and available for each category of user	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS02	No unauthorized vehicles have access to the Facility	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS03	Parking areas and internal road ways are regularly inspected and any damage.	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS04	All entrances, exits and internal roadways within the Facility are free from vehicular and other obstructions at all times.	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS05	Any damage to parking areas is reported promptly to the Help Desk. All crime incident reports are provided to the Authority as described in this Appendix.	Low	N/A	N/A	Monthly	Performance Monitoring Report
PS06	A system to monitor customer feedback and satisfaction is in place and Car Parking User customer satisfaction questionnaires are distributed annually in the agreed format.	Medium	N/A	N/A	Annually	Performance Monitoring Report

APPENDIX 4H

ENVIRONMENTAL AND SUSTAINABILITY SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of the Agreement:

“Environmental Management System” or **“EMS”** has the meaning set out in Section 3.2 of this Appendix.

2. SERVICES

2.1 General Requirements

- (a) Project Co shall perform the Environmental and Sustainability Services in compliance with this Appendix and all other requirements of this Agreement.
- (b) Project Co shall continuously perform the Environmental and Sustainability Services throughout the Operating Period, and is responsible for such Services 24-hours per day 365(6) days per year.
- (c) There may be services or tasks to be performed that are not expressly described in this Agreement, but in performing the Services in this Appendix, Project Co shall perform all such tasks as are required by Good Industry Practice.
- (d) The Performance Indicators identified within Section 6 will not limit Project Co's duty in terms of Environmental and Sustainability Services to be performed.
- (e) Without limiting the requirements of the Agreement, including the other provisions of this Appendix, Project Co shall:
 - (1) provide high quality, efficient, innovative and flexible Environmental and Sustainability Services at all times;
 - (2) provide sufficient number of qualified, trained and competent personnel which in all cases includes employees or other personnel of Project Co, the Service Provider and Sub-Contractors) with the skills necessary to perform the Environmental and Sustainability Services;
 - (3) meet all requirements of applicable Law, Building Code, applicable collective agreement(s) and Authority Policies. Where there are conflicts between Project Co policies and the Authority Policies, Authority Policies will prevail;

- (4) research and develop new service delivery methods and apprise the Authority of their benefits;
- (5) manage matters and marshal resources as required to participate in non-medical emergency responses and to provide a high level of customer care;
- (6) keep the Authority informed in such detail as the Authority may reasonably require of the progress of any negotiations regarding employees;
- (7) cooperate and assist the Authority in the interface and coordination of the other services identified to be delivered by the Authority and/or its contractors other than Project Co and the Service Provider and Sub-Contractors;
- (8) exercise competent supervision of the Environmental and Sustainability Services at all times; and
- (9) provide all quality assurances and quality monitoring required in connection with the Environmental and Sustainability Services.

3. SERVICE REQUIREMENTS

3.1 General

ES01

- (a) The general scope of the Environmental and Sustainability Services is:
 - (1) maintenance of a safe, compliant, working environment for the Facility through the use of processes, practices, materials, supplies and products that avoid or minimize the production of pollutants and waste thereby reducing the overall impact to human health systems, building components, life cycle and the environment; and
 - (2) utilization of recognized risk assessment/management systems to ensure that standards are maintained in the performance of the Services, and that any adverse variance is recognized and corrected.
- (b) Project Co shall perform the Environmental and Sustainability Services on a scheduled and demand basis to ensure that performance of the Services does not cause or create any safety or environmental hazard to the environment and/or any person in the Facility or on the Lands, and minimizes disruption to the Authority Activities
- (c) The intention of this Appendix is that Project Co shall provide Environmental and Sustainability Services in respect of the whole of the Facility and Lands.

3.2 Environmental Management System

- (a) Project Co shall develop and implement a comprehensive energy management system (the “**Environmental Management System (EMS)**”) including appropriate operational policies, procedures and practices to meet the requirements of this Environmental and Sustainability Service, including but not limited to with respect to:
- (1) emissions management (air and wastewater);
 - (2) Greenhouse Gas (GHG) emission reduction;
 - (3) halocarbons (ozone depleting substance) management;
 - (4) hazardous materials and hazardous waste management;
 - (5) non-hazardous solid waste management and recycling;
 - (6) storage tanks management;
 - (7) potable water quality management;
 - (8) water conservation;
 - (9) indoor air quality management;
 - (10) green materials and supplies;
 - (11) proactive mould growth prevention;
 - (12) continuous hazardous gas monitoring;
 - (13) sound pollution; and
 - (14) occupant awareness
- (b) Project Co shall perform the Services in accordance with the EMS on an ongoing basis in a careful and environmentally responsible fashion to minimize effects on health and the environment.
- (c) Project Co shall employ environmentally sound processes, materials, supplies and equipment.
- (d) Project Co shall put programs in place to ensure monitoring, inspection, testing, handling, storage and clean up as required for all elements of the EMS.

3.3 Quality Monitoring

Project Co and the Authority will develop, maintain and implement a system for recording and acting on customer feedback and satisfaction with respect to the Environmental and Sustainability Services through the conduct of a customer user satisfaction survey/questionnaire to be carried out annually.

ES02

4. SERVICE STANDARDS

Not used

5. RESPONSE AND RECITIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: for the avoidance of doubt, where the “Response time” and “Rectification period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
ES01	All elements of the Environmental Management System are functional and available to the Authority EMS is complete and complies with the requirements of 3.2 (a)	Medium	1 Week	1 Month	Bi-Annually	Performance Monitoring Report
ES02	Quality Monitoring – customer satisfaction survey is conducted annually	Medium	1 Week	1 Month	Bi-Annually	Performance Monitoring Report

APPENDIX 4I

PEST CONTROL SERVICES

1. DEFINITIONS

Not Used

2. SERVICES

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications, Project Co shall deliver the Pest Control Services:

PS01

- (a) 24 hours per day, 365(6) days per year; and
- (b) in a comprehensive, effective, flexible and efficient manner at all times.

3. SERVICE REQUIREMENTS

Project Co shall:

- (a) provide a comprehensive preventative, reactive and on-call pest control service for all pests, including insects, rodents and birds, using personnel who are fully trained, qualified and able to provide high quality professional and practical advice;
- (b) notify the Authority immediately of any pest/vermin infestation;
- (c) undertake all work in a safe manner with minimal interference with the Authority's operations and with minimal risk in terms of safety, food hygiene, infection control, and damage to the Facility;
- (d) provide safe, tamper resistant and efficient methods of catching, destroying and safely disposing of pests, adopting safe and humane procedures in all instances;
- (e) if non-chemical forms of pest control are ineffective, use chemical treatment and specific chemicals consented to by the Authority provided that no chemicals will be used which may come into contact with patients, staff, or visitors directly or indirectly;
- (f) ensure the use of any permitted chemicals, including pesticides, is strictly controlled and monitored;
- (g) maintain all records of the use of any permitted chemicals and advise the Authority in advance of the type of chemicals it intends to use;
- (h) include in its monthly report to the Authority a complete overview on pest control activity within the Facility during the previous period and identifying future action which will include the following:
 - (1) identification of any pest/vermin infestation;

- (2) details of the locations and areas inspected and treated and the product names and product number of the pesticide used if applicable;
- (3) the number, type and location of infestations reported;
- (4) any evidence of any pest and any belief that any infestation is associated with any other premises whether Authority owned or otherwise that may affect the Facility; and
- (5) a description of recommended preventative measures to minimize infestation.

4. SERVICE STANDARDS

Not Used

5. RESPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> • issues having an immediate negative impact on patient care or clinical functionality; • safety problems exposing Facility Users to danger; • emergency repairs to prevent further damage (i.e. burst pipe); and • equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> • to address problems not presenting an immediate danger; and • to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: for the avoidance of doubt, where the "Response time" and "Rectification period" is "N/A", then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
PS01	Pest Control Services conducted in accordance with this Appendix	Medium	30 minutes	4 hours	Monthly	Performance Monitoring Report

APPENDIX 4J

SECURITY AND SURVEILLANCE SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of the Agreement:

“Security Services” means the service to be provided pursuant to this Appendix;

“Security Service Users” means the Authority’s employees, medical staff, volunteers, patients and visitors who are users of the Security Services.

“Security Staff” means personnel engaged or employed by Project Co from time to time to carry out Security Services.

2. GENERAL REQUIREMENTS

In addition to the standards and specifications set out in Schedule 4 Services Protocols and Specifications, Project Co shall deliver the Security Services:

- a) 24 hours per day, 365(6) days per year;
- b) in a manner integrated and coordinated with all other Project Co Services to facilitate safety and protection of the Facility and Lands;
- c) in line with non-violent crisis intervention best practices; and
- d) in a manner fully integrated and coordinated with the protocols established by the Authority’s human resources department regarding the issuance and recovery of photo identity cards, keys, access cards and parking passes.

Security will be required at times to assist in the restraint of patients or individuals while in the care of hospital personnel. In doing so, Project Co will follow non-violent crisis intervention best practices, all restraints or interventions with patients or individuals in the care of hospital personnel must be done under clinical direction.

3. SECURITY SERVICES REQUIREMENTS

3.1 ANNUAL SECURITY AND RISK ASSESSMENT PLAN

SS01

Project Co shall develop and submit to the Authority in accordance with Schedule 4 Services Protocols and Specifications, including Sections 4.1 and 4.2 of Schedule 4, and implement as part of the Annual Service Plan appropriate policies, joint service protocols, procedures, practices, schedules and a self-monitoring inspection and reporting system in respect of the delivery of the Security Services to the Authority, which will include a risk assessment and security plan to deal with all security matters which may occur at the Facility (with police involvement as required) including, but not limited to, theft, terrorism, vandalism, and assault on any patient, member of staff, visitor or their property.

3.2 ACCESS CONTROL

SS02

Project Co shall provide control of access to the Facility in accordance with the Annual Service Plan, including the risk assessment and security plan, and will:

- a) comply with joint service protocols established between the parties regarding the issuance, programming and recovery of security passes, parking passes, keys and other security related material to and from authorized personnel;
- b) manage, maintain and program access cards, devices and controls. Protocols for devices for the pharmacy, cashier office, and narcotics cupboards shall be established by the Authority;
- c) manage, maintain and program temporary access cards and maintain an inventory of temporary security access cards for use by Project Co's Sub-Contractors working on the Lands;
- d) issue unique security cards with photo I.D. to all Project Co staff;
- e) ensure that all access points to the Facility and Lands are secured and locked down in accordance with scheduled times;
- f) provide out-of-hours access to locked departments and restricted areas upon request by authorized staff, maintaining records of such access;
- g) maintain proper and accurate records of controlled access devices and provide the Authority with a periodic summary report on a frequency to be agreed between the parties as to changes that have occurred; and
- h) restrict access into non-public areas.

3.3 Monitoring and Incident Reporting

SS03

Project Co shall:

- a) maintain, operate and monitor surveillance and alarm systems of all designated areas of the Facility and Lands in accordance with the security plan;
- b) electronically record all incidents through the main security monitors located at the designated security office or satellite monitoring station and maintain a record of all recorded incidents for a minimum of 90 days;
- c) monitor and respond to any alarm initiated by the security system and take all reasonable action necessary to rectify security breaches and secure the Facility and Lands;
- d) summon the police as required and provide assistance in incident investigation and reporting;

- e) maintain records and provide a periodic written report of all security incidents including date, time, description of incident, location, action taken and a copy of the police report if applicable;
- f) assist the Authority in the promotion of security and safety procedures, provide basic crime prevention advice and cooperate with the Authority in the development and implementation of security policies and procedures; and
- g) report all significant security incidents immediately to the Authority's Representative or designate.

3.4 Security System Maintenance

Project Co shall maintain the security system including without limitation all access control devices, locking systems, surveillance cameras, monitors, recording devices, alarms and associated field devices in accordance with the requirements of Appendix 4C (*Plant Services*).

3.5 Patrol Service

Project Co shall:

SS04

- a) provide a security presence on the Lands 365(6) days per year 24 hours per day which may be met by Plant Services personnel to meet the following minimum requirements: (three evenly spaced security patrols of the Facility and Lands (including parking areas) per twelve hour coverage period (i.e. every 4 hours);
- b) ensure all Security Staff have been screened prior to commencement of employment with a Criminal records search or other current legislation and regulations in force;
- c) ensure all Security Staff are suitably trained in non –violent crisis intervention in line with the Crisis Prevention Institute requirements;
- d) ensure all staff wear an appropriate uniform which makes them readily identifiable;
- e) ensure Security Staff receive Security Services training and take reasonable action by calling the police to apprehend, restrain, detain and/or take other appropriate action in respect of any person who is in the act of, or is about to commit an offence, or any type of disruption or disturbance including aggressive behaviour;
- f) protect the Facility and the Authority's property against theft, vandalism, malicious tampering and criminal damage;
- g) take all reasonable steps to maintain the safety of all persons and their belongings in the Facility including the protection of the Authority's employees, medical staff, volunteers, patients and visitors;
- h) respond to and assist with emergency situations such as but not limited to fires, elevator entrapment, and the Authority's code system - (Code Red (Fire), Code Green

SS05

(Evacuation), Code White (aggression event), etc.);

- i) undertake the following tasks during patrols:
 - i. ensure sensitive or restricted areas are secure during off hours;
 - ii. report all security incidents or observed property damage to the Help Desk;
 - iii. report any Facility issues including water, steam or gas leaks, electrical faults, etc. to the Help Desk and take appropriate action as may be necessary to rectify the situation and/or minimize damage;
 - iv. secure doors and lock windows which may present a security risk and turn off lights in unoccupied areas.
 - v. summon the police as required to respond to serious incidents
- j) provide on-request escort services including:
 - i. Escorting staff after hours; and
 - ii. Escorting patients; and
- k) enforce hospital visiting hours and other Authority policies (e.g. smoking).

4. SERVICE STANDARDS

Not Used

5. RESPONSE AND RECITIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: for the avoidance of doubt, where the “response time” and “rectification period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
SS01	Security systems in full operation as defined in the Annual Service Plan	Medium	N/A	N/A	Monthly	Performance Monitoring Report
SS02	Access control is permitted in accordance with Section 3.2 of this Appendix	Low	N/A	N/A	Monthly	Performance Monitoring Report
SS03	Monitoring and incident reporting performed in accordance with Section 3.3 of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report
SS04	Patrol service provided in accordance with Section 3.5 of this Appendix	Medium	N/A	N/A	Monthly	Performance Monitoring Report
SS05	Respond to and assist with emergency situations	Medium	5 minutes	15 minutes	Monthly	Performance Monitoring Report

APPENDIX 4K

LAUNDRY AND LINEN SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of the Agreement:

“Laundry/Linen Services” means all of the requirements of this Appendix;

“Linen and Uniform Handling, Inventory Monitoring and Control” has the meaning set out in section 3.1 of this Appendix;

“Materials” means those products necessary for the provision of the Laundry/Linen Services; and

“Sterile Processing Department” means the Authority’s dedicated location within the Facility for sterile processing.

2. SERVICES

2.1 General Requirements

Project Co shall comply with all requirements set out in Appendix 4A General Management Services that are relevant to the delivery of the Laundry/Linen Services.

In addition to complying with the relevant requirements set out in Appendix 4A General Management Services, Project Co shall comply with all service standards and requirements of this Appendix 4K.

Project Co shall provide Laundry/Linen Services 24 hours per day, 365(6) days per year on a scheduled, reactive and planned basis as may be required to meet the service standards of this Appendix 4K. Project Co shall:

- a) Provide cost efficient, quality driven, comprehensive linen/textile/uniform management services,
- b) Ensure sufficient clean linen, textiles and uniforms are available at all times to all Functional Units in order to ensure that Clinical Services and Authority FM Services are not interrupted due to any short-falls.
- c) Maintain a safe environment and safe working practices including the use of a recognized risk assessment/management system to ensure that standards of cleanliness are maintained, and that any reduction in the quality of service is recognized and corrected.
- d) Maximize the use of circulating stocks, control loss, minimize requirements for linen inventories at the Facility, and reduce the amount of handling as linen and linen bundles pass from point of processing to point of use.
- e) Project Co shall acknowledge that there may be services or tasks to be performed that are not described, but are necessarily ancillary to the requirements set out in this Appendix 4K and these shall be performed by Project Co as part of the Services.

- f) Project Co shall prepare a periodic monitoring report in compliance with relevant aspects of this task outlined in Appendix 4A General Management Services.
- g) Project Co shall exercise competent supervision of the work at all times.

Project Co shall be responsible for confirming or suggesting changes to space requirements for rooms/spaces located in the clinical components described in Appendix 3A Clinical Specifications (e.g. security room).

3. SERVICE REQUIREMENTS

The Laundry/Linen Services consists of two main elements as follows:

- Linen and Uniform Handling, Inventory Monitoring and Control;
- Quality monitoring

3.1 Linen and Uniform Handling, Inventory Monitoring and Control

Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to the inventory monitoring and control of the linen and uniform handling (the “**Linen and Uniform Handling, Inventory Monitoring and Control**”) prior to commencement of service which shall include, but not be limited to:

LL01

- a) Ensure, through continuous liaison that all articles are:
 - Thermally or chemically disinfected
 - Checked for damage and staining
 - Repaired/condemned as required
 - Delivered clean and finished fit for use
 - Verifiably delivered and charged
 - Light tabled where applicable (i.e., surgical drapes)
- b) Provide the following administrative services:
 - Continuously liaise with all off-site service providers
 - Develop, manage and implement a laundry and textile policy which will meet the Authority’s approval;
 - Comply with all statutory and Authority infection control requirements
 - Formulate and operate procedures for condemning linen and minimizing stock loss
 - Provide periodic laundry and textile management information to the Authority
- c) Provide the Authority with regular, standard periodic monitoring reports for management information and contract monitoring purposes, no later than 5 days after the end of each Payment Period. This is to include, but not be limited to, analyses of:
 - Stock purchases
 - Linen pieces condemned
 - Stock losses
 - Laundry volumes delivered and fitness for use (fill and reject) rates per 10,000 pieces
 - Average linen usage by STH department

- d) Provide Laundry/Linen Services to points of use to established fill rates and reject rates set out in Table 1: Fill Rates and Table 2: Reject Rates as described in Attachment 1 to this Appendix 4K. **LL02**
- e) Carry out tasks, including: **LL03**
- o Provide a scheduled, reactive and planned Laundry/Linen Service on a 24-hours per day, 365(6) days per year to address ad-hoc, emergency, urgent or routine laundry/linen requests. Tasks shall include, but not be limited to:
 - Delivery and collection of clean linen exchange carts between the central laundry/linen receiving areas and the inpatient units and other patient care areas within agreed timescales.
 - Routine collection of laundry/linen exchange carts for periodic cleaning to agreed standards.
 - Routine and separate collection of soiled linen from all points-of-use to the soiled linen handling areas prior to return to the central laundry.
 - o Project Co shall respond to such Demand Requisition within the “Response Times” set out in Table 3: Service Response Times in Attachment 1 to this Appendix 4K.
 - o Respond to emergency situations that the Authority may face, including but not limited to major incidents where the Authority will have to deal with a large number of incoming casualties
 - o Ensure contingency plans are in place for the continuous supply of linen. For example, in the case of a major laundry failure
 - o Secure used soiled linen in laundry bags and store in the appropriate receptacle in the designated area prior to portering
 - o Return empty carts to their designated dispatch/collection point in a clean and contamination free condition
 - o Ensure soiled linen is always kept and transported separate from clean linen in designated containers for each category
 - o Maintain a record of the volume/weight collected from each Functional Unit
 - o Supply the Authority with all linen necessary for the effective servicing of the Authority's linen requirements in all Functional Units
- f) Provide a cart stocking service, including, where appropriate, standard exchange carts, other standard carts and custom carts as required.
- g) Ensure that linen is cleaned and maintained to the following standard (Health Canada Infection Control Guidelines - routine practices and additional precautions for preventing the transmission of infection in health care). All repairs will be done quickly and efficiently until such time as the linen is no longer functional and will be condemned. Project Co shall determine when items are to be condemned, in accordance with this Appendix 4K. **LL04**
- h) Provide a linen pack making service including, but not limited to, surgical, obstetrical, ambulatory care and emergency packs to be forwarded through the Sterile Processing Department where appropriate for sterilizing with a pack assembly reject rate not greater than as per Table 2 in Attachment 1. **LL05**
- i) Provide a uniform service to the fill rate set out in Table 1: Fill Rates of Attachment 1 to this Appendix 4K and reject rates set out in Table 2: Reject Rates of Attachment 1 to this Appendix 4K carrying out the following tasks: **LL06**
- o Ensure that all Facility staff are provided with clean, fit-for-use uniforms as outlined in Table 4: Uniform Requirements in Attachment 1 to this Appendix 4K, as required and as applicable. Provide clean, fit-for-use uniforms to selected new members of staff. The

service methodology must relate to the type of uniform proposed. Project Co shall determine uniform requirements of their staff; such uniforms to be different than those supplied to Facility staff.

- j) Replace (to the specified standard) all linen and textiles that are condemned, lost or stolen.
- k) Provide all linen, as per Attachment 1 to this Appendix 4K
- l) Agree to the final specification of all items with the Authority prior to purchase. This to be reviewed with the Authority from time-to-time as appropriate.
- m) Ensure that daily clean linen and textile requirements are met, rotation of linen is conducted, and fitness for use, including cleanliness standards, are maintained.
- n) Ensure all linen and textiles supplied to the Facility comply with all service standards, and these being checked prior the delivery to each of the Functional Units.

Project Co and all Project Co staff shall at all times adhere to, update and maintain as current the operational policies, procedures and practices set out and agreed upon with the Authority. Every 6 Payment Periods, Project Co shall provide the Authority's Operating Period Representative or designate a report detailing where non-adherence has been identified.

LL07

3.2 Inpatient Linen and Laundry Volume Planning

- a) To assist Project Co in developing each Annual Service Plan regarding linen and laundry, the Authority will give notice (the "**Annual Projection Notice**") to Project Co of the number of inpatient beds in the Facility the Authority anticipates will be in service during the ensuing Contract Year, no later than:
 - 90 days before the Target Service Commencement Date; and
 - December 1 of each year thereafter.
- b) Unless the Authority otherwise gives notice in accordance with Section the above Section 3.2.(a) the Annual Projection Notice for the Contract Year commencing on the Service Commencement Date will be [102] inpatients.

3.3 Inpatient Linen and Laundry Volume Changes

The Authority may change the anticipated volumes of inpatient beds at any time by giving 30 days' notice ("**Usage Notice**") to Project Co and as of the effective date set out in such notice:

- a) The Annual Projection Notice will be deemed to be a Usage Notice for the Contract Year in respect of which it applies and will remain effective until the Authority delivers a subsequent Usage Notice.
- b) If any change by the Authority to the number of inpatient beds constitutes a Material Change to this Agreement regarding linen and laundry, including taking into account the projected demand volumes set out in Appendix 3A Clinical Specifications, then the terms of Schedule 6 Changes, Minor Works and Innovation Proposals will apply.

3.4 Quality Monitoring

Prior to the relevant Service Commencement Date, Project Co and the Authority shall develop, maintain and implement a system for recording and acting on customer feedback and satisfaction with respect to the Laundry/Linen Services through the conduct of a customer user satisfaction survey/questionnaire to be carried out quarterly in a mutually agreed format consistent with Good Industry Practice.

LL08

4. SERVICE STANDARDS

Project Co shall deliver services identified in accordance with the standards set out in Attachment 1 of this Appendix 4K.

5. RESPONSE AND RECTIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	<p>Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.</p>	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	<p>Service is a statutory, legal and/ or legislative requirement.</p>	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

6. PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A” then the categories and periods within the table of Section 5 are to be used.

Ref	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
<i>Linen and Uniform Handling, Inventory Monitoring and Control</i>						
LL01	Standard monitoring reports provided to the Authority as identified in this service specification and within 5 days of the end of each period.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
LL02	Laundry/Linen Services are provided to points of use at established fill and reject rates described in Tables 1 and 2 of Attachment 1 to this Appendix 4K.	Low	N/A	N/A	Monthly	Performance Monitoring Report
LL03	Laundry/linen services provided 24-hours per day, 365 (6) days per year addressing all requests and at the Service Response Times described in Table 3 of Attachment 1 to this Appendix 4K	Medium	N/A	N/A	Monthly	Performance Monitoring Report
LL04	All linen meets Health Canada Infection Control Guideline standards and all repairs are done quickly and efficiently. Articles to be condemned are determined by taking into account specified output standards.	Low	N/A	N/A	Monthly	Performance Monitoring Report
LL05	Pack making services are provided at the reject rates described in Table 2 of Attachment 1 to this Appendix 4K.	Medium	30 minutes	4 hours	Monthly	Performance Monitoring Report
LL06	Uniform services are provided to points of use at established fill and reject rates described in Tables 1 and 2 of Attachment 1 to this Appendix 4K.	Low	30 Minutes	4 hours	Monthly	Performance Monitoring Report

Ref	Indicator	Service Failure Level	Response Time	Rectification Period	Recording Frequency	Monitoring Method
LL07	Operational policies and procedures adhered to and current. Every 6 Payment Periods Project Co shall provide the Authority's Representative or designate a report detailing where non-adherence has been identified.	Medium	1 Week	1 Month	Bi-Annually	Performance Monitoring Report
Quality Monitoring						
LL08	System of recording and acting on customer feedback and satisfaction in place and customer service survey/questionnaire is conducted quarterly in agreed format.	Medium	1 Week	1 Month	Annually	Performance Monitoring Report

ATTACHMENT 1

STANDARD LINEN ITEM LIST

(Inventory Owned by Project Co)

Table 1: Fill Rates

Category	Fill Rate
General linen	98%
OR and SPD linen/packs	99%
Uniforms	98%

Table 2: Reject Rates

Category	Reject Rate
General linen	5 pieces per 10,000
OR and SPD linen	2 pieces per 10,000
Uniforms	5 pieces per 10,000

Table 3: Service Response Times

Category	Service Response Time	Rectification Time
Reactive (emergency)	10 minutes (immediate)	10 minutes
Reactive (urgent)	10 minutes	20 minutes
Reactive (routine)	30 minutes	30 minutes
Planned	Within 20 minutes of agreed start time	N/A
Scheduled	Within 20 minutes of agreed start time	N/A

Table 4: Uniform Requirements

Category	Type
OR and Sterile Processing Department Staff	Scrubs (bulk)
Maternity	Scrubs (bulk)
Renal	Scrubs (bulk)
All Staff	Scrubs (some infection control requirements may dictate need)

APPENDIX 4L
CATERING SERVICES

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of the Agreement:

“Annual Projection Notice” has the meaning set out in Section 3.6(a) of this Appendix;

“Approved Certified Supplier” means supplier of goods and/or services to Project Co who have been subject to vetting and inspection by Canadian Food Inspection Agency qualified inspectors representing Hazard Analysis Critical Control Points (HACCP), to ensure that such supplier’s premises, procedures, goods and services are of an acceptable standard and capable of meeting the requirements of this Appendix;

“Cultural” means specific traditional, ethnic or religion-based requirement for special meal or diet;

“Dietician” means a professional, registered dietician suitably qualified to understand nutrition and dietetic needs;

“Ethnic Diet” means a diet for a specific ethnic group that has a Cultural basis;

“Food Services” means all of the requirements of this Appendix;

“Food Supplement” means food supplements and/or substitutes provided by Project Co which are required in addition to, or in the place of, the standard meals and which are provided to meet the nutritional requirements of a customer;

“HACCP” means Hazard Analysis Critical Control Points;

“Material Change” means a change greater than or less than 10% of the agreed upon value;

“Meal Times” means the times set out in Table 4.1 of this Appendix at which meals are to be provided to patients;

“Meals on Wheels Services” means meals preparation services to be provided by Project Co then delivered by volunteers between 17:30 and 19:00 to a variety of groups, including: seniors, people with physical disabilities and cognitive impairments, individuals suffering from illnesses and recovering from surgeries, and those who need special dietary planning and assistance;

“Patient Meal Services” means the meal services to be provided to patients pursuant to this Appendix;

“Special Diet” has its meaning set out in Section 3.3 (g) of this Appendix;

“Therapeutic Diet” means diet for a specific disease condition that contributes to its cure or management;

“Usage Notice” has the meaning set out in Section 3.7 of this Appendix;

“**Vegan Diet**” means a diet that excludes meat, poultry, fish and dairy products; and

“**Vegetarian Diet**” means a diet that excludes meat, poultry, and fish products.

2. GENERAL REQUIREMENTS

- a) Project Co shall comply with all requirements set out in Appendix 4A [General Management Services] relevant to the delivery of the Food Services.
- b) In addition to the applicable provisions set in Appendix 4A [General Management Services], Project Co shall comply with the service standards and requirements of this Appendix 4L [Catering Services].
- c) Project Co shall provide Food Services 24 hours per day, 365(6) days per year on a scheduled and reactive basis as may be required to meet the service standards of this Appendix 4L [Catering Services]. Project Co shall:
 - i. Provide high quality Food Services which offers a range of nutritious food and drink to enable all inpatients and outpatients to have a choice which reflects their dietary and nutritional requirements and preferences, including healthy eating, Ethnic Diets, Cultural options, patients too ill to eat normal food, prescribed Therapeutic Diets, religious, Vegetarian Diet and Vegan Diet options. The flexible service should provide for changing customer needs and adapt to the nature of the service provided within the Facility.
 - ii. Provide high quality Food Services which offer a range of nutritious food and drink to enable all non-patient customers, including staff and visitors, but also ambulant inpatients and outpatients to have a choice, including healthy eating, ethnic and cultural options 24 hours per day, 365(6) days per year. Cafeteria hours shall be 06:30 - 19:00 Mondays -Fridays, and 08:00 - 18:00 Saturdays, Sundays, and statutory holidays. The hours of service should provide for various and changing customer needs and adapting to the nature of the service provided within the Facility.
- d) Project Co shall acknowledge that there may be services or tasks to be performed that are not described, but are necessarily ancillary to this Appendix 4L [Catering Services] and these shall be performed by Project Co as part of the Services.
- e) Project Co shall ensure that all requisitions for Food Services are completed electronically via the Help Desk (refer to Appendix 4B Help Desk Services for details).
- f) Project Co shall provide food delivery and catering related delivery services (e.g., delivery and collection of stock/non-stock items, delivery and collection of food rethermalization carts).
- g) Project Co shall ensure integration, at its own cost, with patient nutrition services, systems and software, which are currently managed by Aramark.

3. SERVICE REQUIREMENTS

3.1. Food Services consist of five main elements as follows:

- General services
- Patient Meal Services
- Meals on Wheels Services
- Non-patient services
- Quality monitoring

3.2. General Services

- a) Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to Food Services prior to commencement of service which shall include, but not be limited to:

CS01

- Compliance with Hazard Analysis Critical Control Points (HACCP) Standards.
- Maintenance of proper standards of food safety, personal hygiene and personnel apparel, in accordance with the Canadian Food Inspection Agency (CFIA) Standards at all times. This shall include training in the following, which represents current hospital industry practices:
 - Food preparation;
 - Food hygiene, including: applicable Law and the attainment of a Food Safe Level 1 Certificate and the attainment of a Food Safe Level 2 Certificate for all supervisory staff, managers and cooks;
- Ensure waste derived from the Food Services is disposed of safely according to agreed procedures, including compliance with recycling procedures;
- Performance of day-to-day cleaning tasks in the food production areas, including all work surfaces, refrigerated space and equipment. Housekeeping and Waste Management Services (as identified in the Appendix 4D) shall be responsible for cleaning of walls, ceilings, floors, hoods and waste removal.
- Provision of a range of snacks and beverages to inpatients as per dietary requirements.
- Source, procure and purchase all food and ingredients from Approved Certified Suppliers.
- Implementation of quality control procedures for all incoming ingredients and foodstuffs to ensure goods are within their stated expiry date, free from damage, pest infestation/damage, have been stored and transported at the correct temperature, and are suitable for consumption as per the HACCP Standards.
- Ensure that all food is handled, stored, prepared and cooked appropriately, that procedures are in place to ensure it is kept at the requisite temperature at all times, including, but not limited to, during cooking, during transfer and at point of service around the facilities to the patients.
- Provision of all staffing, training, supplies and equipment (including food retherm carts as required), hardware, software, menus, dishware, utensils, disposables, personal protective equipment, cleaning materials and any other items required for the efficient delivery of Food Services, and maintain them in a safe and hygienic manner. Dishware and cutlery shall include specialist dishware and cutlery for patients with special requirements.
- Provision, distribution, collection, washing and drying, storing and replacing as necessary all dishware, cutlery and other implements and equipment used in connection with the Food Services and be responsible for their cleaning as per CFIA Standards.

- Provide a report detailing where non-adherence has been identified every 6 payment periods

3.3. Patient Meal Services

Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to Patient Meal Services prior to commencement of service which shall include, but not be limited to:

CS02

- Provide patient meal service 365(6) days per year. The patient meal services shall include:
 - Preparation and service of all meals ensuring that such meals meet general customer satisfaction with respect to appearance, temperature, timeliness, taste and texture.
- Provide a minimum of a 14-day menu cycle for inpatients to ensure variety and selection and to avoid menu fatigue. Menu cycles shall be changed to take account of the seasonal nature of customer preferences. Project Co shall provide suitable special menus for various ethnic and religious holidays (e.g., Christmas, Ramadan, etc.). Menus and nutritional content shall be provided to the Authority (for approval) 28 days prior to end of each menu cycle.
- Provide menus in the format and style agreed with the Authority's Representative or designate, and shall take full regard of:
 - Nutritional requirements
 - Ethnic/religious requirements
 - Visually impaired patients
 - Genetically modified and/or allergenic contents
- Provide a meal ordering system (no more than 2 meals in advance), at the point of care, which is integrated with the patient information system.
- Provide a scheduled Food Service for all inpatients and outpatients on a 24-hour per day, 365(6) days per year basis with all scheduled deliveries made inside the meal service times detailed in Table 4.1: Meal Service Times Guideline.

CS03

CS04

Table 4.1: Meal Service Times Guideline

Meal	Inpatients
Breakfast	07:00 to 09:00 hours
Lunch	11:00 to 13:00 hours
Evening Meal	16:30 to 18:30 hours
Ad Hoc Meal – Snacks	Fifteen minutes from request

- Provide ad hoc Food Services on a 24-hour per day, 365(6) days per year basis for the following:
 - Inpatients who are admitted outside scheduled meal times, or are receiving treatment during scheduled meal times
 - Patients in Emergency or the Ambulatory Care (day care service) components as advised by the Authority's Representative or designate
 - any ad hoc request made by the Authority's Representative or designate

CS05

Where such an ad hoc request is made during normal kitchen hours, meals shall be supplied in the usual manner. Ad hoc meals should first be delivered from a nourishment station by Authority staff; if not available, then a request is made as per Table 4.1 of this Appendix 4L [Catering Services]. Where requests are made outside these hours, Project Co shall supply meals through a nourishment station.

When delivering meals, snacks or beverages through one of these methods Project Co shall ensure the choice of at least three snack alternatives at any one time, one of which is designed for children.

- g) Provide, on the instruction of the Authority's Representative or designate, special diet meals developed as per Dietitians of Canada specifications ("**Special Diets**"), including Food Supplements to designated patients on a scheduled and ad hoc basis and, wherever possible, such meals and or beverages should be served with the other scheduled meals. Special Diets may include, but are not limited to:
- Therapeutic (renal, diabetic, low sodium)
 - Special
 - Children/adolescent
 - Cultural
 - Religious
 - Pediatric
 - Texture modified
 - Tube feedings/nutritional supplements
 - Any other requirement as may be reasonably requested from the Authority's Representative or designate
- ii) Project Co shall ensure delivery of all meals and nourishments to their intended patients and the collection and return of plates, dishware and any other equipment used in the delivery of meals and snacks. Project Co shall implement and maintain systems to ensure:
- | | |
|---|--------------|
| a. Meals/trays are delivered to the correct patient with a tray accuracy of not less than 100% | CS06a |
| b. No patients with known severe food allergies are delivered foods containing such allergens. | CS06b |
| c. Dirty dishware, cutlery and uneaten food are removed from 60 minutes of delivery to a patient. | CS06c |
| d. All carts for supply or return shall not be left in the corridors for longer than 10 minutes | CS06d |
| e. Movement of carts in a safe manner, so as not to: | CS06e |
| i. cause injury to any member or staff, patient or visitor | |
| ii. impair food presentation/quality | |

3.4. Meals on Wheels Services

Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to Meals on Wheels Services prior to commencement of service which shall include, but not be limited to: **CS07**

- a) Provide a minimum of a 14-day menu cycle for meals on wheels to ensure variety and selection and to avoid menu fatigue. Menu cycles shall be changed to take account of the seasonal nature of customer preferences. Project Co shall provide suitable special menus for various ethnic and religious holidays (e.9., Christmas, Ramadan, etc.). Menus and nutritional content shall be provided to the Authority (for approval) 28 days prior to end of each menu cycle.
- b) Provide menus in the format and style agreed with the Authority's Representative or designate, and shall take full regard of:
- Nutritional requirements
 - Ethnic/religious requirements
 - Genetically modified and/or allergenic contents
- c) Provide scheduled Meals on Wheels Service for outpatients on a 24-hour per day, 365(6) days p

year basis with all meals prepared by the below Table 4.2: Meals on Wheels Service Times Guideline.

- d) Provide suitable containers for delivery of Meals on Wheels Services meals.

Table 4.2: Meals on Wheels Service Times Guideline

Meal	Meals on Wheels Customers
Evening Meal	Meals must be ready for volunteer pick up by 17:00

3.5. Non-Patient Services

Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to non-patient services for retail food services and vending food services prior to commencement of service which shall include, but not be limited to:

Retail Food Services

- a) Provide, operate and maintain a staff and visitor retail food service 365(6) days per year. The employees and visitor retail food services shall include:
 - o Preparation and service of all meals to staff and visitors in the retail facility ensuring that such meals meet general customer satisfaction with respect to appearance, temperature, timeliness, taste and texture
 - o Ensuring that a choice of meals is available to staff and visitors, including full hot and cold meals, normal, vegetarian/vegan and healthy options, and a range of snack / takeaway options
 - o Ensuring that snacks and beverages are available at all times when the retail facilities are not open. All food and beverages shall be displayed by Project Co in an attractive and appealing manner and shall include:
 - hot and cold beverages
 - sandwiches and light snacks
 - fresh fruit
 - o Ensuring that meals, including hot food and hot drinks are available at all times
- b) Permit access to the cafeteria to those of the Authority's staff who choose to consume their own food in the cafeteria; menus and pricing must be clearly displayed in the cafeteria at all times.
- c) Ensure all tables shall be cleaned promptly after use and made available for the next customer.
- d) Ensure the service of, and payment for, meals and beverages in the retail areas by all customers shall take place within 5 minutes of customers joining the queue unless it is a special order meal.
- e) Ensure chilled and ambient temperature drinking water and suitable receptacles are available free of charge at all times.
- f) Provide catering services, as and when requested by the Authority, and without limiting catering to others, to cater for:
 - o Beverage service to meetings
 - o Working meal service
 - o Other functions
- g) Pricing for these catering services will be agreed between Project Co and the Authority and applied on a function by function basis at rates determined by factors such as numbers, function type, menu choice, time of day and location. For the avoidance of doubt, the catering services shall include, where requested:
 - o Hot or cold beverages
 - o Transportation of food
 - o Dishware, cutlery and all other equipment necessary to fully meet the obligations of this agreement

CS08

- Provision of waiting and/or serving staff
 - Provision of table linen, napkins, etc.
 - Preparing catering product/clearing before/after the function
 - Any other reasonable requirement
- h) Maintain a portfolio of standard catering menus and prices, which should be available on request to the Authority's Representative or designate. The catering Food Service shall be itemized separately and included in Service Payments; **CS09**

Vending Food Services

- a) Deliver an out-of-hours Food Service by supplying, installing and maintaining vending services in the retail facility and in patient facilities to ensure that the choice of snacks and beverages agreed with the designated Authority's Representative or designate be available at all times. Project Co shall replenish all contents and maintain machine stocks ensuring sell by dates and good stock rotation methods are adhered to. Project Co to check stock levels to ensure adequate supplies are available. **CS10**
- b) The location of vending machines fitted retrospectively shall be agreed with the Authority's Representative or designate prior to installation. Vending areas should be located to provide a full vending service and be easily accessible from functional areas, outpatient areas and main reception.
- c) Procure, install, commission, maintain and clean vending machines according to manufacturer's instructions and any other ancillary equipment required, for meeting the out-of-hours Services. Equipment used for reheating shall be protected against misuse (e.g., microwaves).
- d) Provide all vending areas with garbage cans and ensure that all vending areas are kept clean and tidy at all times.
- e) Provide ingredient lists of vended goods upon request of customers or the Authority.
- f) Ensure vending prices are clearly displayed.
- g) Clearly display a telephone contact number for vending machine users to report faults or low stocks. All user complaints shall be the responsibility of Project Co.

3.6. Inpatient Meal Volume Planning

- a) To assist Project Co in developing each Annual Service Plan regarding catering, the Authority will give notice (the "**Annual Projection Notice**") to Project Co of the number of in-patient beds in the Facility the Authority anticipates will be in service during the ensuing Contract Year, no later than:
- 90 days before the Target Service Commencement Date; and
 - December 1 of each year thereafter.
- b) Unless the Authority otherwise gives notice in accordance with Section 3.6(a) above, the Annual Projection Notice for the Contract Year commencing on the Service Commencement Date will be 102 inpatients.

3.7. Inpatient Meal Volume Changes

The Authority may change the anticipated volumes of inpatient beds at any time by giving 30 days' notice ("**Usage Notice**") to Project Co and as of the effective date set out in such notice:

- a) The Annual Projection Notice will be deemed to be a Usage Notice for the Contract Year in respect of which it applies and will remain effective until the Authority delivers a subsequent Usage Notice.

- b) If any change by the Authority to the number of inpatient beds constitutes a Material Change to this Agreement regarding catering, including taking into account the projected demand volumes set out in Appendix 3A Clinical Specifications, then the terms of Schedule 6 Changes, Minor Works and Innovation Proposals will apply.

3.8. Quality Monitoring

Prior to the Final Service Commencement Date, Project Co and the Authority shall develop, maintain and implement a system for recording and acting on customer feedback and satisfaction with respect to the Food Services through the conduct of a customer user satisfaction survey/questionnaire to be carried out quarterly in a format consistent with Good Industry Practice.

CS11

Provide a customer-focused menu development service, based on periodic surveys, that meets the dietary requirements of the patient-mix and actively takes account of patient, staff and visitor feedback regarding the:

CS12

- Range of services on offer
- Choice of meals, snacks and drinks and portion size
- Quality of services
- Accessibility of service

4. SERVICE STANDARDS

Project Co shall deliver services in accordance with the standards identified within Section 3.2 of this Appendix or as identified by the Authority.

5. RESPONSE AND RECITIFICATION PERIODS

Project Co shall respond to any notified variances from the Services Protocols and Specifications identified herein as follows:

Service Category	Definition	During Core Hours		During Non-Core Hours	
		Response Time	Rectification Time	Response Time	Rectification Time
Emergency	<p>Service required immediately and is considered a serious emergency, including:</p> <ul style="list-style-type: none"> issues having an immediate negative impact on patient care or clinical functionality; safety problems exposing Facility Users to danger; emergency repairs to prevent further damage (i.e. burst pipe); and equipment failure or operating difficulties which could result in the loss of critical utilities including heat, water, electricity, emergency power and medical gases. 	Immediate 15 minutes	2 hours	Immediate 15 minutes	2 hours
Urgent	<p>Service required as soon as possible:</p> <ul style="list-style-type: none"> to address problems not presenting an immediate danger; and to address problems having the potential to have a negative impact on patient care. 	30 minutes	24 hours	30 minutes following the resumption of Core Hours	24 hours following the resumption of Core Hours
Routine	Service required for non-emergencies not having an immediate effect on patient care such as leaking taps, faulty doors and windows or equipment breakdowns or work not requiring immediate attention such as repairs to damaged walls, furniture or fixture installations.	2 hours	3 days	2 hours following the resumption of Core Hours	3 days
Statutory	Service is a statutory, legal and/ or legislative requirement. If a Services Protocol and Specification includes any statutory, legal and/ or legislative requirement then this Service Failure category will apply.	Instant Failure	2 weeks	Instant Failure	2 weeks

*Note: The Authority shall work collaboratively with Project Co to mutually agree on specific situations upon which an Event would be considered Emergency, Urgent and Routine.

PERFORMANCE INDICATORS

*Note: For the avoidance of doubt, where the “Response Time” and “Rectification Period” is “N/A”, then the categories and periods within the table of Section 5 are to be used.

Ref	Parameter	Category	Response	Rectification	Recording Frequency	Monitoring Method
General Services						
CS01	Operational policies and procedures adhered to and current. Every 6 Payment Periods Project Co shall provide the Authority’s Representative or designate a report detailing where non-adherence has been identified.	Medium	N/A	N/A	Bi-Annually	Performance Monitoring Report
Patient Services						
CS02	Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to Patient Meal Services	Medium	N/A	N/A	Monthly	Performance Monitoring Report
CS03	The menu has a minimum 14-day cycle and includes the provision of festive and ethnic meals when appropriate. Menus are to be submitted to the Authority’s Representative or designate 28 days prior to the start of each menu cycle for approval.	Medium	N/A	N/A	Monthly	Performance Monitoring Report
CS04	Scheduled Food Services provided for all patients and outpatients on a 24-hour per day 365 (6) days per year basis adhering to meal service times.	Low	N/A	N/A	Monthly	Performance Monitoring Report
CS05	Ad hoc Food Services and snacks including Special Diets meals are delivered to the designated patient, within the designated timeframe	Low	N/A	N/A	Monthly	Performance Monitoring Report
CS06a	Meals/trays are delivered to the correct patient with a tray accuracy of not less than 100%	Low	N/A	N/A	Monthly	Performance Monitoring Report
CS06b	No patients with known severe food allergies are delivered foods containing such allergens.	High	N/A	N/A	Monthly	Performance Monitoring Report
CS06c	Dirty dishware, cutlery and uneaten food are removed from 60 minutes of delivery to a patient	Low	N/A	N/A	Monthly	Performance Monitoring Report
CS06d	All carts for supply or return shall not be left in the corridors for longer than 10 minutes	Low	N/A	N/A	Monthly	Performance Monitoring Report
CS06e	Movement of cart in a safe manner	Low	N/A	N/A	Monthly	Performance Monitoring Report
Meals on Wheels Services						
CS07	Project Co shall develop and implement appropriate operational policies, procedures and practices, together with customer service philosophy, relative to Meals on Wheels Services	Low	N/A	N/A	Monthly	Performance Monitoring Report
Non-Patient Services						
CS08	Ensure the Service of, and payment for, meals and beverages in the retail areas by all customers shall take	Low	N/A	N/A	Monthly	Performance Monitoring Report

	place within 5 minutes of customers joining the queue unless it is a special order meal					
CS09	A portfolio of catering menus and current prices is available to the Authority's Representative or designate on reasonable demand.	Medium	30 Minutes	4 Hours	Monthly	Performance Monitoring Report
CS10	An agreed range of vended snacks and beverages is available at all times. All items are within sell-by date.	Medium	30 Minutes	4 Hours	Monthly	Performance Monitoring Report
Quality Monitoring						
CS11	System of recording and acting on customer feedback and satisfaction in place and customer service survey / questionnaire is conducted quarterly in agreed format.	Medium	1 Week	1 Month	Bi-Annually	Performance Monitoring Report
CS12	Provide a customer-focused menu development service, based on periodic surveys, that meets the dietary requirements of the patient-mix and actively takes account of patient, staff and visitor feedback	Medium	1 Week	1 Month	Bi-Annually	Performance Monitoring Report

APPENDIX 4M

LIFE CYCLE SCHEDULE

1. LIFE CYCLE REPLACEMENT AND REFURBISHMENT

Project Co is to ensure the long-term integrity and ongoing operational serviceability of the Facility through the delivery of the approved Life Cycle Plan which defines design life, specific replacement / refurbishment strategies, key assumptions, annual cost provisions for which Project Co is responsible; categorized by major divisions and elements such as substructure, structure, enclosure, interior dividing, vertical, finishes, furniture, fixtures & equipment, mechanical, electrical, and Lands. Project Co is responsible to maintain and renew the Facility and all equipment, components and systems/software described in Schedule 3 as required, such that, at termination or expiry of the Agreement, the Facility is fully functional and capable of performing to the standards set out in Schedule 3.

Project Co responsibilities shall include, but not be limited to:

- a) Life cycle replacement and refurbishment throughout the Operating Period in accordance with the approved Life Cycle Plan and Schedule 20 [Handback];
- b) Development, management and operation of a comprehensive electronic inventory control system and asset register, that provides up-to-date records of all Facility assets;
- c) Life cycle replacement and refurbishment that minimize disruption to the Authority. The Authority reserves the right to limit replacement renewal or other project related activities to outside of Core Hours if they are deemed to be disruptive to the Authority;
- d) Competent supervision of the work at all times and of all Project Co staff and/or Subcontractors performing services;
- e) Provide advice, guidance and recommendations on life cycle replacement and refurbishment of out-of-scope additions to the Facility subsequent to commissioning.

Replacement of elements, equipment and systems must be consistent with the following principles:

- a) On the Expiry Date, each element of the Facility will be in a condition which is consistent with the residual life specified in Schedule 20 [Handback].
- b) The standard of replacement or refurbishment of specific elements in accordance with the approved Life Cycle Plan shall meet or exceed the standards and specifications required in Schedule 3 [Design and Construction Specifications]. All replacements are to be new components that meet the most current technological standards available. Where elements are no longer available or those elements cannot be reproduced then elements may be replaced with elements of similar or equivalent form, substance and quality that meet or exceed the standards and specifications required in Schedule 3 [Design and Construction Specifications].
- c) Any upgrade of equipment or software that Project Co is implementing that interfaces with Authority equipment or software must be approved and be compatible with Authority's equipment or software and, if not, Project Co shall pay for the upgrade of Authority's equipment or software to meet the requirements.
- d) Both the Authority and Project Co shall ensure that training is provided to ensure all Project Co staff or Authority staff/users of upgraded equipment or software are trained and competent to meet the requirements. Project Co or the Authority respectively shall be responsible for the

Maintenance associated with their respective equipment or software following the initial installation

- e) Project Co shall make available to the Authority a full audit trail of life cycle activity and adherence to agreed standards.

2. LIFE CYCLE SCHEDULE

See attached.



STH Appendix 4M -
Lifecycle Schedule - R

Stanton Territorial Hospital Lifecycle Schedule Template

Notes:

- > Do not escalate future cash flows
- > Provide an Excel version in your submission.

Level 1 Major Group Elements	Level 2 Group Elements	Level 3 Individual elements	Additional Detail	Estimated Design Life (years)	Life Estimate Source	Explanation of Strategy, Key Assumptions and Comments																			
							1	2	3	4	5	6	7	8	9	10	11								
A. SUBSTRUCTURE	A.10 Foundations	<i>add as needed</i>	<i>add as needed</i>																						
		A1010 Standard Foundations																							
		A2020 Special Foundations A1030 Slab on Grade																							
	A.20 Basement Construction	<i>add as needed</i>																							
		A2010 Basement Excavation A2020 Basement Walls																							
B. SHELL	B.10 Superstructure																								
		B1010 Floor Construction B1010 Roof Construction																							
	B.20 Exterior Closure																								
		B2010 Exterior Walls B2020 Exterior Windows B2030 Exterior Doors																							
	B.30 Roofing																								
		B3010 Roof Coverings B3020 Roof Openings																							
C. INTERIORS	C.10 Interior Construction	<i>add as needed</i>																							
		C1010 Partitions C1020 Interior Doors C1030 Fittings																							
	C.20 Staircases																								
		C2010 Stair Construction C2020 Stair Finishes																							
	C.30 Interior Finishes																								
C3010 Wall Finishes C3020 Floor Finishes C3030 Ceiling Finishes																									
D. SERVICES	D.10 Conveying Systems	<i>add as needed</i>																							
		D1010 Elevators & Lifts D1020 Elevators & Moving Walks D1090 Other Conveying Systems																							
	D.20 Plumbing																								
		D2010 Plumbing Fixtures D2020 Domestic Water Distribution D2030 Sanitary Waste D2040 Rain Water Drainage D2090 Other Plumbing System																							
	D.30 HVAC																								
		D3010 Energy Supply D3020 Heat Generating Systems D3030 Cooling Generation Systems D3040 Distribution Systems D3050 Terminal & Package Units D3060 Controls & Instrumentation D3070 Systems Testing & Balance D3090 Other HVAC Systems & Equipment																							
	D.40 Fire Protection																								
		D4010 Sprinklers D4020 Standpipes D4030 Fire Protection Systems D4090 Other Fire Protection Sys.																							
	D.50 Electrical																								
D5010 Electrical Service & Distribution																									

Level 1 Major Group Elements	Level 2 Group Elements	Level 3 Individual elements	Additional Detail	Estimated Design Life (years)	Life Estimate Source	Explanation of Strategy, Key Assumptions and Comments	1	2	3	4	5	6	7	8	9	10	11
	D.60 Electronic Security Systems	D5020 Lighting & Branch Wiring D5030 Communications & Security D5090 Other Electrical Systems															
	<i>add as needed</i>																
E. EQUIPMENT & FURNISHINGS	E.10 Equipment	E1010 Commercial Equipment E1020 Institutional Equipment E1030 Vehicular Equipment E1090 Other Equipment															
	E.20 Furnishings	E2010 Fixed Furnishings E2020 Movable Furnishings															
	<i>add as needed</i>																

APPENDIX 4N

MARKET TESTING PROCEDURE

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“Affiliated Person” means:

- (a) an Affiliate of any of Project Co, a Partner, a Project Contractor, a Sub-Contractor or other Project Co Person;
- (b) any partner in any partnership or any Person who participates in any profit sharing, cost-sharing or joint venture arrangement, in each case to which any of Project Co, a Partner, a Project Contractor, a Sub-Contractor or other Project Co Person (other than an invitee of Project Co or of any Project Co Person) or any Person mentioned in Section (a) above is also a party;
- (c) any shareholder, director, officer or employee of any of the Persons referred to in Sections (a) and (b) above or any of those Persons’ spouses, children, step-children or partners; or
- (d) any body corporate of which any Person referred to in Section (c) above is a shareholder, director, officer or employee;

“Benchmark Price Range” means the range of prices that is within ■■■ less than and ■■■ greater than the simple average of prices for the relevant Market Tested Services obtained from the suitable comparators as part of a Benchmarking Exercise conducted hereunder, once adjustments have been made to make such comparators comparable, including adjusting for standards, as agreed by the parties, provided however that the higher limit of such range will not exceed the highest of the suitable comparators;

“Benchmarking Exercise” has the meaning set out in Section 4.1 of this Appendix;

“Benchmarking Proposal” has the meaning set out in Section 4.4 of this Appendix;

“Draft Proposal” has the meaning set out in Section 3.5(a) of this Appendix;

“Excluded Person” means Project Co, any Affiliated Person, any subcontractor of an Affiliated Person or any Affiliate of their respective subcontractors;

“Market Tested Services” means:

- (a) Housekeeping and Waste Management Services;
- (b) Roads, Grounds and Landscape Maintenance Services;
- (c) Security and Surveillance Services;

- (d) Laundry and Linen Services; and
- (e) Catering Services.

“Market Testing” means the process described in this Appendix, including the Benchmarking Exercise if applicable;

“Market Testing Dates” means three years after Service Commencement and thereafter every sixth anniversary of that date;

“Market Testing Meetings” has the meaning set out in Section 3.1 of this Appendix;

“Market Testing Proposal” has the meaning set out in Section 3.5(e) of this Appendix;

“Preferred Service Tenderer” has the meaning set out in Section 3.9 of this Appendix;

“Prospective Service Tenderers” means those Persons identified by the parties pursuant to Section 3.6 of this Appendix;

“Qualifying Service Tender” means a tender received from a Service Tenderer which complies with the Service Tender Requirements;

“Service Tenderers” means those of the Prospective Service Tenderers selected to submit tenders in accordance with Section 3.7 of this Appendix;

“Service Tender Requirements” has the meaning set out in Section 3.1(e) of this Appendix; and

“Service Tender Validity Period” means the period within which tenders from Service Tenderers must be received if they are to be valid.

In this Appendix any reference to Service Provider includes reference to any Sub-Contractor engaged by the Service Provider to provide a Market Tested Service.

2. TIMING OF MARKET TESTING AND BENCHMARKING

2.1 Project Co’s Responsibility to Conduct

Notwithstanding any other provision of this Appendix (including the participation of the Authority described in Section 3.1 of this Appendix):

- (a) Project Co may; or
- (b) at the Authority’s request not less than 8 months prior to the Market Testing Date for the relevant Market Tested Service, Project Co shall:

carry out a Benchmarking Exercise, and if required pursuant to this Appendix, the Market Testing described in Section 3, in respect of each Market Tested Service in accordance with this Appendix so that the Preferred Service Tenderer(s) will, if appointed to act as service provider(s), commence provision of the relevant Market Tested Services on the relevant Market Testing Date.

2.2 Consequences of Delay in Market Testing

If for any reason the applicable Market Testing for any Market Tested Services will not be complete on the relevant Market Testing Date, including for failure of the Market Testing, then Project Co shall remain responsible to ensure the continued provision of the relevant Market Tested Services until the completion of the Market Testing, and the Authority will be responsible to continue to pay Project Co as provided in this Agreement for the continued provision of the relevant Market Tested Services, pending completion of the applicable Market Testing or the determination of how to proceed if Market Testing has failed. The pricing of such continued Market Tested Services will, pending the establishment of new pricing as contemplated under this Appendix, be at the same pricing as prevailed before the relevant Market Testing and will be Index Linked (with the base date for such purposes deemed to be the relevant Market Testing Date) provided that to the extent that any delay in completing the Market Testing on or before the Market Testing Date is caused by the Authority, the Authority will pay such reasonable additional costs as Project Co may incur for the continued provision of the Market Tested Service until completion of the Market Testing.

3. MARKET TESTING

3.1 Market Testing Meetings

Unless a Benchmarking Exercise has been successfully completed in accordance with Section 4 of this Appendix, at least 6 months before each Market Testing Date the parties will hold meetings (“**Market Testing Meetings**”) in respect of all Market Tested Services:

- (a) to review the Services Protocols and Specifications for each Market Tested Service and if required by the Authority, to amend the relevant Services Protocols and Specifications as appropriate, provided that Project Co may only object to any change in the requirements of the Authority on the grounds referred to in Section 2.4 (*Restrictions on Changes*) of Schedule 6 Changes, Minor Works and Innovation Proposals and any such objection must be made in writing to the Authority within 15 days of the relevant Market Testing Meeting at which the change was contemplated;
- (b) to discuss and seek to agree (subject to the provisions of Section 3.4 of this Appendix) upon any grouping or groupings of Market Tested Services or any division of any Market Tested Service into separate parts which will optimize the opportunity for the Authority to obtain best value for money;
- (c) to discuss and seek to agree upon the appropriate media for advertising the Market Tested Services and identifying the Prospective Service Tenderers;
- (d) to discuss and seek to agree upon the basis on which the Service Tenderers will be selected by Project Co from among the Prospective Service Tenderers; and
- (e) to discuss and seek to agree upon the form and requirements of the tender documents to be sent to Service Tenderers (the “**Service Tender Requirements**”) which will satisfy the requirements of this Appendix and be in sufficient detail to allow the Preferred Service Tenderer to be determined in accordance with this Appendix, and which will include:

- (1) a statement of the Service Tender Validity Period;
- (2) requirements in respect of the possible grouping or groupings of Market Tested Services and any division of any Market Tested Service into separate parts;
- (3) details of the tender evaluation criteria;
- (4) the information Service Tenderers are required to provide; and
- (5) details of the required financial capacity and performance security/guarantees to be provided to support the Preferred Service Tenderer's obligations.

3.2 Notice of Meetings

Project Co shall provide at least one month's notice to the Authority of the time, place and agenda for the first Market Testing Meeting. Thereafter, each subsequent Market Testing Meeting will be convened on not less than 7 days' notice, with such notice identifying the agenda items to be discussed at the Market Testing Meeting, provided that in emergencies a Market Testing Meeting may be called at any time on such notice as may be reasonable in the circumstances. The parties will hold Market Testing Meetings as often as necessary.

3.3 Tender Evaluation Material

Any tender evaluation criteria agreed between Project Co and the Authority and made available to the Service Tenderers as part of the Service Tender Requirements will be objective and impartial.

3.4 Grouping of Services

Unless Project Co can demonstrate to the Authority that Project Co shall optimize its ability to obtain best value for money for the Authority if Market Tested Services are tendered separately or in particular groupings or if any Market Tested Service is divided into separate parts, the grouping of any Market Tested Services will be left to the discretion of Project Co on the basis that the Service Tender Requirements will specify that:

- (a) Service Tenderers may submit tenders for all or any of the Market Tested Services; and
- (b) where a Service Tenderer submits a tender for a group or groups of Market Tested Services, such Service Tenderer may be required to provide all or any of the Market Tested Services in such group or groups and will, in any event, provide separate pricing for each Market Tested Service in such group or groups.

3.5 Market Testing Proposal

Notwithstanding any failure of the parties to agree upon any matter referred to in Section 3.1 of this Appendix:

- (a) Project Co shall prepare and deliver to the Authority no later than 4 months before the relevant Market Testing Date a draft market testing proposal (the "**Draft Proposal**") describing in detail Project Co's proposals for the Market Testing of each Market Tested

Service. The Draft Proposal will describe all of the matters referred to in, and agreed pursuant to, Section 3.1 of this Appendix and the form of contract which the Preferred Service Tenderer will be required to accept;

- (b) it will be a principle of the Market Testing Proposal that, unless otherwise agreed by the parties, the allocation of risk to the Preferred Service Tenderer, if appointed to act as a service provider, will not be materially greater or less than such allocation to the service provider whom the Preferred Service Tenderer is to replace;
- (c) the Authority may, within 30 days of the Authority's receipt of the Draft Proposal, provide comments and request amendments to the Draft Proposal to the extent required to comply with the requirements of this Section 3 and Project Co shall revise the Draft Proposal as reasonably required by the Authority;
- (d) if Project Co and the Authority are unable to agree on any matter relating to the Draft Proposal within 60 days of the Authority's receipt of the Draft Proposal, either party may refer the matter for resolution in accordance with the Dispute Resolution Procedure;
- (e) the Draft Proposal, amended as agreed by the parties or as determined by the Dispute Resolution Procedure, will be the "**Market Testing Proposal**"; and
- (f) the Services Protocols and Specifications, Service Tender Requirements and form of contracts set out in the Market Testing Proposal will be used for the Market Testing.

3.6 Selection of Prospective Service Tenderers

Prospective Service Tenderers will be selected as follows:

- (a) Project Co shall be responsible for compiling the list of Prospective Service Tenderers;
- (b) if the Authority recommends any Prospective Service Tenderers, then Project Co shall include any such recommended Person in the list of Prospective Service Tenderers provided such Person complies with and meets the criteria referred to in Section 3.7(a) of this Appendix; and
- (c) unless otherwise consented to by the Authority, the Authority will have the right to object to the selection of, and Project Co shall not select, any Person as a Prospective Service Tenderer:
 - (1) if such Person does not, or could not reasonably be considered to, comply with and meet any of the criteria referred to in Section 3.7(a) of this Appendix;
 - (2) if such Person is an Excluded Person provided that for the purposes of this Section 3.6 the existing Service Provider will not be an Excluded Person if such person is not in default of the performance of its obligations under its contract to provide the Market Tested Services; or
 - (3) if such Person is a Restricted Person or any other Person who is not permitted to be a Sub-Contractor pursuant to this Agreement.

3.7 Selection Of Service Tenderers

Service Tenderers will be selected as follows:

- (a) Project Co, in consultation with the Authority, will be responsible for selecting the Service Tenderers from the list of Prospective Service Tenderers on the basis of the following criteria:
 - (1) the financial standing of the Prospective Service Tenderers;
 - (2) the technical, managerial and other relevant experience and ability of the Prospective Service Tenderers, taking into account any relevant customer references;
 - (3) any other basis identified pursuant to Section 3.1(d) of this Appendix or the Service Tender Requirements; and
 - (4) the ability of the Prospective Service Tenderers to accept all relevant obligations and liabilities under the terms of Services Contract or the relevant Sub-Contract;
- (b) the Authority will have the right to object to the selection of, and Project Co shall not select, any Person as a Service Tenderer if pursuant to Section 3.6(c) of this Appendix the Authority consented to such Person being a Prospective Services Tenderer and Project Co or such Person failed to comply with any condition of such consent, including with respect to any conflict of interest for an Excluded Person; and
- (c) Project Co shall, after consultation with the Authority, provide any Prospective Service Tenderer which is unsuccessful in being selected as a Service Tenderer with an appropriate explanation of the reasons behind its non-selection, if so requested by the Person in question.

3.8 Service Tendering Process

Project Co shall be responsible for managing and co-ordinating the Market Testing in an efficient and fair manner in accordance with the Market Testing Proposal (including the Service Tender Requirements) and:

- (a) Project Co shall ensure that only Service Tenderers selected in accordance with this Appendix are invited to submit tenders and that the principle of equality of information to, and treatment of, Service Tenderers will apply at all times;
- (b) the Market Testing will be by way of competitive tenders unless the Authority consents in writing to another competitive process (including requests for proposals, requests for qualifications or requests for quotations). If the Authority consents to another such process, the terms “tender”, “tenderer” and “tendering” will be deemed modified as necessary to reflect the terminology of such other process;
- (c) Project Co shall send all necessary documents and information to Service Tenderers (including the Service Tender Requirements) in a timely manner;

- (d) tenders must be assessed on the basis of relevant criteria, including:
 - (1) their compliance with the Service Tender Requirements; and
 - (2) the value for money that the tenders represent for the Authority;
- (e) Project Co shall bear all costs, fees and expenses associated with Market Testing other than any costs, fees or expenses incurred by the Authority;
- (f) the Authority may, at its own cost, appoint a monitor for the purpose of monitoring and reporting to the Authority on Project Co's compliance with all requirements for Market Testing. Such monitors will be entitled to attend all meetings and processes relating to Market Testing, including evaluation meetings and processes, inspect copies of all the tender documentation, bids and evaluation documentation and comment (on behalf of the Authority) to Project Co as to compliance with the requirements for Market Testing provided that the Authority will cause such monitor to comply with the confidentiality provisions set out in Section 17.1 of this Agreement; and
- (g) if, in respect of any Market Tested Service or group of Market Tested Services or any part of any Market Tested Service, there is only one Prospective Service Tenderer, or Project Co intends to select only one of the Prospective Service Tenderers as the Service Tenderer, then Project Co shall provide notice thereof to the Authority and:
 - (1) Project Co and the Authority will discuss and consider whether the Market Testing conducted for the relevant Market Tested Services was adequate or whether such Market Tested Service should be re-performed on a different basis; and
 - (2) if Project Co and the Authority agree that such Market Testing was adequate, or if such Market Testing is re-performed and there is still only one Prospective Service Tenderer, then the Authority may negotiate with the Prospective Service Tenderer and Project Co with respect to the pricing for such Market Tested Service for a period of no greater than 30 days. If:
 - (A) following such negotiations the Authority, Project Co and the Prospective Service Tenderer agree, then Project Co shall appoint the Prospective Service Tenderer to perform the Market Tested Service in accordance with Section 3.10 of this Appendix; or
 - (B) the Authority chooses not to negotiate or no agreement is reached pursuant to this Section 3.8(g)(2), then Project Co shall implement the Benchmarking Exercise described in Section 4 of this Appendix unless an unsuccessful Benchmarking Exercise has previously been conducted in respect of such Market Tested Service;
 - (3) if no agreement is reached pursuant to Section 3.8(g)(2)(A) of this Appendix and the subsequent Benchmarking Exercise, if any, is either terminated pursuant to Section 4.3 of this Appendix or results in a price greater than the Benchmarking

Price Range pursuant to Section 4.7 of this Appendix, then the pricing for such Market Tested Service will be the greater of:

- (A) the average of all prices included in the Benchmark Price Range if agreed pursuant to section 4.5 of this Appendix; and
- (B) an amount based on the pricing of such Market Tested Service then in effect subject to adjustments for the period such pricing was in effect equal to the greater of any increase in:
 - (i) the Consumer Price Index, All-Items in British Columbia as published by Statistics Canada for the period; and
 - (ii) the British Columbia Average Weekly Wage Rates as published by BC stats in the monthly report entitled "Earnings and Employment Trends",

to the extent such increases have not already been taken into account in the price for such Market Test Services then in effect.

- (h) if Project Co does not comply with all requirements for Market Testing, then, without limiting any other remedies of the Authority under this Agreement or otherwise, Project Co shall if required by the Authority re-perform the relevant Market Testing in accordance with such requirements.

3.9 Preferred Service Tenderers

Following expiry of the Service Tender Validity Period, Project Co shall, subject to the provisions of this Section 3.9, determine which Service Tenderer (the "**Preferred Service Tenderer**") offers the Qualifying Service Tender in respect of any Market Tested Service, group of Market Tested Services or individual part of any Market Tested Service, that represents, as the case may be, the best value for money for the Authority, and:

- (a) promptly upon making such determination of the Preferred Service Tenderer, Project Co shall supply to the Authority a copy of its tender evaluation, together with sufficient supporting information concerning the tender evaluation to enable the Authority to analyse and understand the basis for Project Co's determination; and
- (b) if the Authority does not agree with Project Co's determination in the case of any Qualifying Service Tender, the Authority may, within 30 days of being provided with the tender evaluation, dispute such determination and, if the parties do not resolve such Dispute within a further 30 days, the Dispute will be resolved in accordance with the Dispute Resolution Procedure; and
- (c) Project Co shall, after consultation with the Authority, provide any Service Tenderer which is unsuccessful in being selected as a Preferred Service Tenderer with an appropriate explanation of the reasons behind its non selection, if so requested by the party in question.

3.10 Appointment

On or about each Market Testing Date, Project Co shall ensure that all Preferred Service Tenderers, as agreed or determined in accordance with Section 3.9 of this Appendix, are appointed to provide and enter into contracts to provide the relevant Market Tested Service or group of Market Tested Services or individual parts of any Market Tested Service, as the case may be, for 6 year terms and on the basis set out in their Qualifying Service Tender.

4. BENCHMARKING

4.1 Project Co Notice May Initiate Benchmarking

Project Co may, not later than 8 months before a Market Testing Date, carry out a benchmarking exercise (the "**Benchmarking Exercise**") of one or more of the Market Tested Services rather than Market Testing as otherwise required by this Appendix.

4.2 Initial Meeting

Within 7 days of initiating a Benchmarking Exercise pursuant to Section 4.1 of this Appendix, the parties will meet to:

- (a) discuss and agree to the procedure for, and factors to be taken into account, in the Benchmarking Exercise to ensure that the Market Tested Services are compared on a like to like basis with suitable comparators and reliable information, which will include comparing the standards and prices of such Market Tested Services and the costs of providing them with the standards and prices of equivalent services and the costs of providing them in similar circumstances by reputable organizations possessing an appropriate degree of skill, resources, reputation and financial standing relative to the provision of such Market Tested Services; and
- (b) review the Services Protocols and Specifications for each Market Tested Service that will be subject to the Benchmarking Exercise and, if required by the Authority, amend the relevant Services Protocols and Specifications to be applicable to the Market Tested Service after the Market Testing Date, as appropriate, provided that Project Co may only object to any change in the requirements of the Authority on the grounds referred to in Section 2.4 (*Restrictions on Changes*) of Schedule 6 Changes, Minor Works and Innovation Proposals and any such objection must be made in writing to the Authority within 15 days of the relevant meeting at which the change was contemplated.

4.3 No Suitable Comparators

If Project Co cannot establish to the Authority's satisfaction, acting reasonably, that for a Market Tested Service there are suitable comparators and reliable information as described in Section 4.2(a) of this Appendix, then the Benchmarking Exercise for that Market Tested Service will not proceed and Market Testing of such Market Tested Service will be as otherwise provided in this Appendix.

4.4 Benchmarking Proposal

Project Co shall, prior to the start of the Benchmarking Exercise, submit a proposal (the “**Benchmarking Proposal**”) for the pricing of each Market Tested Service that is the subject of the Benchmarking Exercise. The pricing will not exceed any amount contractually agreed between Project Co and the relevant service provider that is applicable for the period after the Market Testing Date adjusted to reflect any changes to the Services Protocols and Specifications to the applicable Market Tested Service required pursuant to Section 4.2(b) of this Appendix. After Project Co submits the Benchmarking Proposal, Project Co shall carry out the Benchmarking Exercise for the relevant Market Tested Services.

4.5 Records and Information

Project Co shall maintain complete and accurate records of each Benchmarking Exercise and will present the results of the Benchmarking Exercise to the Authority, together with all necessary supporting documentation and such other information for full transparency of relevant cost and other information relating to the Benchmarking Exercise and as the Authority may reasonably require in order to evaluate properly the results of the Benchmarking Exercise. The parties will use all reasonable efforts to agree upon the Benchmark Price Range, but if each party acts reasonably and no agreement is reached Section 3 of this Appendix will apply.

4.6 Pricing Less Than Benchmark Price Range

If the pricing of a Market Tested Service in the Benchmarking Proposal is less than or within the Benchmark Price Range, then Project Co shall confirm the appointment of the relevant Service Provider then providing such Market Tested Service to continue providing such Market Tested Service for a further 6 year term and the re-pricing of such Market Tested Service will be at the pricing set out in the Benchmarking Proposal.

4.7 Pricing Greater Than Benchmark Price Range

If the pricing of a Market Tested Service in the Benchmarking Proposal is greater than the Benchmark Price Range then Section 3 of this Appendix will apply unless Project Co agrees to provide the Market Tested Services for an amount within the Benchmark Price Range or the Authority otherwise agrees.

4.8 Costs

Project Co shall bear all costs, fees and expenses associated with the Benchmarking Exercise other than any costs, fees or and expenses incurred by the Authority.

5. PAYMENTS

5.1 Service Payment Adjustment

Following Market Testing, the Periodic Payments will be adjusted in accordance with Section 3.3 of Schedule 8 Payments.

6. INFORMATION REQUIREMENTS

Without prejudice to any of Project Co's general obligations under this Agreement, including pursuant to Section 4.2 (*Records and Reports*) of this Agreement, Schedule 14 Records and Reports and the other provisions of this Appendix, Project Co shall:

- (a) maintain a full record and audit trail of each Market Testing and make all such records, including details of all tenders received, available for inspection by the Authority and other authorized representatives on reasonable notice from the Authority;
- (b) provide to the Authority, in a comprehensive and accurate manner, all information necessary to enable the Authority to review and assess all matters relating to the Market Testing; and
- (c) certify to the Authority within 30 days after expiry of the Service Tender Validity Period that:
 - (1) to the best of Project Co's knowledge after due enquiry, no Excluded Person intends to or will obtain any direct or indirect financial or other benefit from such appointment, other than the benefit of the contract itself;
 - (2) to the best of Project Co's knowledge after due enquiry, no Excluded Person has colluded in connection with the Market Testing; and
 - (3) there has been material compliance with all requirements relating to ensuring equality of information provided to, and treatment of, Service Tenderers.

7. INDEMNITY

Project Co shall indemnify and keep the Authority and each Authority Person indemnified at all times from and against all Direct Losses (including those arising from any third party claims) that any such Person may sustain in connection with:

- (a) the implementation of this Appendix;
- (b) any breach of the provisions of this Appendix; and
- (c) any claim made by any Person, including any Prospective Service Tenderer, Service Tenderer or Preferred Service Tenderer, that is not awarded a contract,

except to the extent that any such breach or claim results from any failure of the Authority to comply with the provisions of this Appendix.

APPENDIX 40

PROPOSAL EXTRACTS (SERVICES)

342051 – STH FM Commercial Close FM Item Log

Item	Source	Item	Comment/Status
1.	Annual Service Plans	<ul style="list-style-type: none"> Clarify timescale, structure and format for the Annual Plans in order that all Parties are aware of the level, type and content of the information to be provided - all annual plans need to respond to each of the obligations identified in the Output Specifications and begin submission 240 days prior to SC. Clarify the Continuous Improvement Plan is included within the Start-Up and Annual Service Plans. 	<ul style="list-style-type: none"> It was agreed that within one month following Commercial Close, Project Co and the Authority will make commercially reasonable efforts to mutually agree on the process for developing the Start-up Plan and Annual Services Plans to effectively meet an acceptable 85% level of Plan completion 240 days prior to Service Commencement. The Continuous Improvement Plan identified in the RFP response will be included within in the Service Quality Plan.
2.	Security and Surveillance	<ul style="list-style-type: none"> Further clarity required with regards to the security service. BHP should validate and test the proposed security staffing levels (2 security guards and 1 CCTV monitor) with current provisions within the existing hospital Security. 	<ul style="list-style-type: none"> The initial staffing plan in respect of the delivery of the services required under Appendix 4J will require Security Staff to be stationed at the Security Desk in the Emergency Department when not performing other scheduled or demand duties.
3.	Catering	<ul style="list-style-type: none"> Clarify the suitability of catering staffing levels against current provisions. 	<ul style="list-style-type: none"> Involvement of a Project Co qualified Dietician (e.g. Dieticians of Canada) to participate and support the menu selection process based on Authority requirements which are consistent and not in addition to the terms of the Project Agreement.
4.	Market Tested Services	<ul style="list-style-type: none"> Clarify the Market Tested Services and BHP's proposed FM budgets in relation to the individual breakdowns provided. 	<ul style="list-style-type: none"> Project Co. shall include in any Market Testing Proposal a breakdown of current Labour and Non Labour costs against the overall Annual Service Payment for each Market Tested Service within the Market Testing Proposal.

SCHEDULE 5

INSURANCE REQUIREMENTS

1. INSURANCE REQUIREMENTS FOR THE FACILITY UNTIL THE INITIAL REMEDIATION WORK COMPLETION DATE

1.1 “All Risks” Builder’s Risk Insurance for the Facility until the Initial Remediation Work Completion Date

From the Effective Date until the Initial Remediation Work Completion Date for the Facility, and inclusive of the Initial Remediation Work Period for the Existing Facility, Project Co shall, at its own expense, take out, maintain in force and extend or will cause to be taken out, maintained and extended:

- (a) for the Construction, “all risks” course of construction insurance covering physical loss or damage including boiler & machinery and delay in start-up insurance covering all materials property, structures and equipment purchased for, entering into or forming part of the Facility, including any Equipment being moved by Project Co while located anywhere within Canada or the United States of America during construction, erection, installation and testing of the Facility. The policies will provide for the following extensions:
 - (i) faulty workmanship, materials construction or design as a permitted exclusion, but resultant damage insured to a DE5 or LEG3 standard with respect to the “all risks” course of construction;
 - (ii) 100% hard costs and 100% of recurring & continuing soft costs for the Construction;
 - (iii) replacement cost valuation (property);
 - (iv) most recent technology replacement cost valuation (equipment);
 - (v) flood (to policy limit with annual aggregate permitted);
 - (vi) natural or man-made earth movement, including earthquake, landslide or subsidence (to policy limit with annual aggregate permitted);
 - (vii) for property insured under the policy and stored at an off-site location or in transit in Canada or the United States of America, a limit of not less than the total of all values stored at any single location, or the value of the largest shipment to be transported by land to the Lands or the Existing Hospital Lands if such transport by land is not covered by marine cargo insurance;
 - (viii) professional fees – minimum [REDACTED] sublimit;
 - (ix) fire fighting expenses – minimum [REDACTED] sublimit;

- (x) debris removal and clean up – minimum [REDACTED] sublimit;
- (xi) expediting expenses – minimum [REDACTED] sublimit;
- (xii) extra and expediting expenses – minimum [REDACTED] sublimit;
- (xiii) valuable papers – minimum [REDACTED] sublimit;
- (xiv) accounts receivable – minimum [REDACTED] sublimit;
- (xv) contamination clean-up or removal – minimum [REDACTED] sublimit;
- (xvi) testing and commissioning – minimum 120 days, any one item;
- (xvii) frost or freezing to concrete – but only resultant damage from a peril not otherwise excluded;
- (xviii) radioactive contamination caused by sudden and accidental release of radioactive isotopes (resulting from an accident and accident to measuring, testing or medical equipment) - [REDACTED] sublimit;
- (xix) margin of profit for contractors;
- (xx) off premises services interruption - minimum 8 weeks;
- (xxi) civil authority - minimum 8 weeks;
- (xxii) prevention of ingress / egress - minimum 8 weeks;
- (xxiii) permission for partial occupancy prior to the Service Commencement Date;
- (xxiv) cost of carrying financing included in the soft costs coverage (indemnity period of 38 months)
- (xxv) underground services, temporary buildings and structures, temporary boilers and pressure vessels, scaffolding, false work, forms, hoardings, excavation, site preparation, landscaping and similar work;
- (xxvi) electronic data processing equipment and media, including the cost to restore from the application of by-laws or ordinances;
- (xxvii) non-vitiating;
- (xxviii) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Project Contractors, the Senior Lenders, the Sub-Contractors, consultants and design professionals, except where a loss is caused by or resulting from any error in Design or any other design professional error or omission;

- (xxix) permit use and occupancy of the incomplete Facility by Project Co, the Project Contractors, the Sub-Contractors and the Authority prior to the Service Commencement Date;
 - (xxx) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) delay in start-up coverage:
- (i) in an amount sufficient to compensate Project Co for additional capital payments, additional interest for the extension of financing necessary for the completion of the Project, legal and accounting expenses, property taxes, insurance premiums, building permits and other miscellaneous costs, various incurred fees, fixed operation and maintenance expenses, additional commissions, advertising, margin of profit for Project Co, caused by the delay in the Service Commencement Date resulting from any perils insured under (a) above;
 - (ii) having an indemnity period not less than 38 months in respect of the Facility;
 - (iii) having a waiting period of not greater than 30 days;
 - (iv) in respect of delay in start-up insurance proceeds name the Senior Lenders and Project Co as loss payees as per the Senior Lender Endorsements;
- (c) deductibles, per occurrence not exceeding the following amounts;
- (i) flood - [REDACTED];
 - (ii) testing and commissioning - [REDACTED];
 - (iii) for earthquakes, the greater of [REDACTED] or [REDACTED] of the total insured value of the Facility;
 - (iv) faulty design, workmanship or materials (LEG3/DE5) - [REDACTED];
 - (v) for all other insured perils - [REDACTED]; and
 - (vi) if more than one event occurs, only the highest deductible applies;
- (d) include, as named insureds, as their interests may appear, the following entities:
- (i) Project Co;
 - (ii) the Authority;
 - (iii) the Design-Builder;

- (iv) all Sub-Contractors, sub-subcontractors, consultants and sub-consultants as their interests may appear;
- (v) any third party service provider(s) providing services to Stanton Territorial Hospital on behalf of the Authority (each an “**Authority Service Provider**”);
- (e) name the Senior Lenders in respect of the Construction as per the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds and loss payees and with respect to the delay in start-up coverage referred to in Section 1.1(b) of this Schedule, naming Project Co and the Senior Lenders as the exclusive loss payees;

1.2 Wrap-Up Liability Insurance

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, commercial general liability insurance on a wrap-up basis which will include the following terms:

- (a) coverage in an amount of not less than [REDACTED] per occurrence and [REDACTED] in the aggregate for bodily injury, death and damage to property, including loss of use thereof, subject to the following principle extensions and sublimits:
 - (i) products & completed operations - [REDACTED] – minimum 48 months after the Service Commencement Date;
 - (ii) non-owned automobile liability - [REDACTED];
 - (iii) sudden and accidental pollution and hostile fire pollution liability - [REDACTED];
 - (iv) “all risks” tenants’ legal liability – minimum [REDACTED] sublimit;
 - (v) forest fire fighting expenses – minimum [REDACTED] sublimit;
 - (vi) employee benefits administrative errors and omissions – minimum [REDACTED] sublimit;
 - (vii) legal liability for damages to non-owned automobiles (SEF 94) - [REDACTED] sublimit;
 - (viii) contractor’s rework - [REDACTED] sublimit;
 - (ix) medical payments - [REDACTED] per occurrence / [REDACTED] aggregate;
 - (x) owners’ and contractors’ protective liability;
 - (xi) blanket contractual liability (written and oral);
 - (xii) direct and contingent employers’ liability;

- (xiii) attached machinery;
 - (xiv) personal injury;
 - (xv) cross liability and severability of interests;
 - (xvi) hoist collision liability;
 - (xvii) hazardous operation XCU (blasting / demolition / excavating / underpinning / pile driving / shoring / caisson work / work below ground surface / tunnelling / grading and similar operations);
 - (xviii) permission for unlicensed vehicles;
 - (xix) permission to occupy incomplete Facility;
 - (xx) loss of use without property damage;
 - (xxi) broad form property damage;
 - (xxii) broad form completed operations;
 - (xxiii) intentional injury to project persons or property;
 - (xxiv) watercraft (not in excess of 10 m) unless insured elsewhere, as applicable;
 - (xxv) worldwide territory, subject to suits being brought in Canada or the US;
 - (xxvi) non-vitiation;
 - (xxvii) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Project Contractors, the Senior Lenders, any Authority Service Provider(s), the Sub-Contractors, consultants and design professionals, except where a loss is caused by or resulting from any error in Design or any other design professional error or omission;
 - (xxviii) insurance shall be primary without right of contribution of any other insurance carried by any named insured
 - (xxix) Professional services integral to the Project, but not covering engineers, architects or other professional consultants (i.e. incidental professional liability risk of a named insured and their employed professionals to be covered, but not the professional liability of independent fee-for-service professional consultants, architects or engineers)
- (b) a deductible not in excess of ██████████ per occurrence;
- (c) include, as named insureds the following entities:

- (i) Project Co;
 - (ii) the Authority;
 - (iii) the Design-Builder;
 - (iv) all Sub-Contractors, sub-subcontractors, consultants and sub-consultants as their interests may appear;
 - (v) any Authority Service Provider(s);
- (d) include the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds.

1.3 Project Specific Professional Liability

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, project specific professional liability insurance which will include the following terms:

- (a) coverage in an amount of not less than [REDACTED] per claim and in the aggregate (inclusive of defense and related costs and supplementary payments) for all architectural, engineering, land surveying, environmental, landscape architectural, interior design /space planning, soil and material testing services, geotechnical services and procurement services, including their replacements and/or sub-consultants of any tier subject to the following principle extensions:
 - (i) primary insurance extension;
 - (ii) present, former partner, executive officer, director or shareholder of named insureds while acting within their scope of duties for the named insured;
 - (iii) any individuals or personal corporations retained by the named insured under a personal services contract;
 - (iv) claim defined as a written or oral demand for money or a written or oral allegation in breach in the rendering or failure to render professional services by a named insured and resulting from a single error, omission or negligent act;
 - (v) lawyer fees and associated expenses incurred in the investigation, defence, settlement, arbitration or litigation of claims;
 - (vi) duty to defend, even if the allegations are groundless, false or fraudulent;
 - (vii) vicarious of liability of Project Co;
 - (viii) extended reporting period – minimum 48 months after the Service Commencement Date;

- (ix) retroactive date to the date of first design activity;
 - (x) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) a deductible not exceeding ██████████ per claim; ██████████ per claim with respect to mitigation
- (c) include, as named insureds the following entities:
- (i) Project Contractors (as appropriate);
 - (ii) all engineers, architects and other professional consultants that provide professional design services in connection with the Project.

1.4 Project Specific Pollution Liability (combined Contractors' Pollution Liability and Pollution Legal Liability)

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, project specific pollution liability insurance (combined contractors' pollution liability and pollution legal liability) which will include the following terms:

- (a) coverage in the amount of not less than ██████████ per claim and in the aggregate inclusive of defense and all costs and expenses subject to the following principle extensions:
- (i) bodily injury and third party contamination;
 - (ii) hazardous substances occurring or emanating from the Facility, the Lands, the Existing Hospital (during the Initial Remediation Work Period only), or the Existing Hospital Lands (during the Initial Remediation Work Period only) during the policy period;
 - (iii) microbial matter (including fungus/mould);
 - (iv) underground / above ground storage tanks;
 - (v) first party remediation and clean-up costs;
 - (vi) disposal site (reporting required);
 - (vii) contractual liability;
 - (viii) emergency response costs;
 - (ix) extended reporting period – minimum 48 months after the Service Commencement Date;

- (x) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Project Contractors, the Senior Lenders, the Sub-Contractors;
- (xi) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) a deductible not exceeding ██████████ per claim;
- (c) include, as named insureds the following entities:
 - (i) Project Co;
 - (ii) the Authority;
 - (iii) Project Contractors;
 - (iv) all Sub-Contractors, sub-subcontractors, consultants and sub-consultants;
- (d) include the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds.

1.5 Aircraft Liability

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, aircraft liability insurance (if an exposure exists) which will include the following terms:

- (a) coverage in the amount of not less than ██████████ per occurrence for all owned and non-owned aircraft including ██████████ per occurrence for passenger hazard subject to the following principal extensions:
 - (i) all aviation risks including the use of fixed or variable winged aircraft and helipads (if applicable);
 - (ii) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Project Contractors, the Senior Lenders, the Sub-Contractors;
 - (iii) include coverage for Project Co, the Project Contractors and all Sub-Contractors;
 - (iv) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) a deductible not exceeding an amount acceptable to the Authority, acting reasonably;
- (c) include, as additional insureds the following entities:

- (i) the Authority;
- (ii) the Senior Lenders.

1.6 Aircraft Cargo Insurance

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, aircraft cargo insurance (if an exposure exists) for losses arising from the physical damage to cargo while it is in transit by air for any of the materials, equipment or property supplied under or used during the Project and which are critical to achieve Service Commencement which will include the following terms:

- (a) coverage in an amount not less than the full replacement value of the shipment subject to the following principal extensions:
 - (i) subject to the conditions of the Institute Cargo Clauses (all risks), including war and strikes extensions and including transit and storage where applicable;
 - (ii) 50/50 clause; and
 - (iii) warehouse to warehouse clause;
 - (iv) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) coverage for Project Co, the Project Contractors and all Sub-Contractors;
- (c) a deductible not exceeding an amount acceptable to the Authority, acting reasonably;
- (d) delay in start-up arising from the loss of a shipment subject to a minimum indemnity period of to be agreed between Project Co and the Authority, both acting reasonably;
- (e) include, as additional insureds:
 - (i) the Authority.
- (f) include, as loss payee:
 - (i) the Senior Lenders.

1.7 Watercraft Liability

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, watercraft liability insurance (if applicable) which will include the following terms:

- (a) coverage in the amount of not less than [REDACTED] per occurrence for all owned and non-owned watercraft subject to the following principal extensions:

- (i) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Project Contractors, the Senior Lenders, the Sub-Contractors;
 - (ii) include coverage for Project Co, the Project Contractors and all Sub-Contractors;
 - (iii) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) a deductible not exceeding an amount acceptable to the Authority, acting reasonably;
 - (c) include, as additional insureds the following entities:
 - (i) the Authority;
 - (ii) the Senior Lenders.

1.8 “All Risks” Ocean Marine Cargo

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, “all risks” ocean marine cargo insurance (if applicable) for any of the materials, equipment or property supplied under or used during the Project and which are critical to achieve the Service Commencement Date, which will include the following terms:

- (a) coverage in an amount not less than the full replacement value of the shipment;
 - (i) coverage for Project Co, the Project Contractors and all Sub-Contractors;
 - (ii) coverage shall be primary without any right of contribution of any insured carried by the Authority or the Senior Lenders
- (b) a deductible not exceeding an amount acceptable to the Authority, acting reasonably;
- (c) delay in start-up arising from the loss of a shipment subject to a minimum indemnity period to be agreed between Project Co and the Authority, both acting reasonably;
- (d) include, as additional insureds:
 - (i) the Authority.
- (e) include, as loss payee:
 - (i) the Senior Lenders.

1.9 Automobile Liability

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, automobile liability which will include the following terms:

- (a) coverage in the amount of not less than [REDACTED] per accident for Project Co and the Project Contractors and an amount not less than [REDACTED] per accident for vehicles of any other contractor, Sub-Contractors, sub-subcontractors, consultants and sub-consultants or other persons working on or at the Lands and/or the Existing Hospital Lands on a standard automobile form

1.10 "All Risks" Contractors' Equipment

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, "all risks" contractors' equipment insurance which will include the following terms:

- (a) replacement cost for equipment less than 3 years old, otherwise actual cash value basis of such equipment;
- (b) coverage for Project Co, the Project Contractors and all Sub-Contractors;
- (c) a waiver of subrogation in favour of the following entities:
 - (i) the Authority;
 - (ii) the Senior Lenders.

1.11 Commercial General Liability and Non-Owned Automobile Liability (Off-Site Operations)

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, commercial general liability insurance for off-site exposures, subject to the following limits:

- (a) Coverage in the amount of not less than [REDACTED] per occurrence and in the annual aggregate with respect to Project Co and the Project Contractors, with the following extensions:
 - (i) Owner's and contractor's protective liability
 - (ii) Blanket contractual liability (written)
 - (iii) Direct and contingent employer's liability
 - (iv) Personal injury
 - (v) Cross liability and severability of interests

- (vi) hazardous operation XCU (blasting / demolition / excavating / underpinning / pile driving / shoring / caisson work / work below ground surface / tunnelling / grading and similar operations;
 - (vii) permission for unlicensed vehicles;
 - (viii) permission to occupy incomplete Facility;
 - (ix) loss of use without property damage;
 - (x) broad form property damage;
 - (xi) broad form completed operations;
 - (xii) tenant's legal liability;
 - (xiii) no exclusion for abuse / molestation, or a specific endorsement to the policy providing coverage for abuse / molestation;
 - (xiv) intentional injury;
 - (xv) watercraft (not in excess of 10 m) unless insured elsewhere, as applicable;
 - (xvi) worldwide territory, subject to suits being brought in Canada or the US;
- (b) include, as additional insureds:
- (i) the Authority;
 - (ii) Senior Lenders.
- (c) Coverage in the amount of not less than [REDACTED] per occurrence and in the annual aggregate with respect to broad form completed operations and any other contractors, subcontractors, sub-subcontractors, consultants, and sub-consultants, workmen or tradesmen or other persons involved in the Project.

1.12 Employee Dishonesty (Crime)

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, employee dishonesty insurance against the fraudulent acts of employees of Project Co which will include the following terms:

- (a) Coverage in the amount of not less than [REDACTED] per claim and will include the following principal extensions:
- (i) broad form money and securities;
 - (ii) money orders and counterfeit paper;

- (iii) depositors' forgery;
- (iv) computer fraud and funds transfer fraud;
- (v) audit expenses;
- (vi) credit card forgery.

1.13 Workers Compensation

From the Effective Date until the Initial Remediation Work Completion Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, workers' compensation insurance coverage for all employees of Project Co and any Sub-Contractor engaged in the performance of the Construction, in accordance with applicable Laws and the requirements of any Governmental Authority.

2. INSURANCE REQUIREMENTS FOR THE EXISTING HOSPITAL

2.1 Insurance Requirements of Project Co for the Existing Hospital

The Authority shall, at its own expense, take out, maintain in force and extend or will cause to be taken out, maintained and extended, "all risks" property insurance for the full replacement cost of the Existing Hospital. Project Co will be responsible for the deductible of [REDACTED] due to damage during the Initial Remediation Work Period for the Existing Hospital. In addition the Authority agrees to waive any subrogation rights in relation to loss or damage to the Existing Hospital during the Initial Remediation Work Period. For the purposes of this Section 2.1, Project Co will be responsible for the deductible of [REDACTED] for any claim made on the "all risks" policy of insurance described in this Section 2.1, unless the loss was caused by the Authority or an Authority Service Provider, in which case the deductible will be the responsibility of the Authority to the extent caused by the Authority or such Authority Service Provider.

3. OPERATING PERIOD INSURANCE REQUIREMENTS

Project Co may utilize blanket corporate policies to satisfy the Operating Period insurance requirements, provided that all the needs, scope of coverage and limits of the Authority have been met. The Authority reserves the right to audit the blanket corporate policies to ensure compliance.

3.1 "All Risks" Property Insurance

From the Service Commencement Date, Project Co shall at its own expense, take out, maintain in force and extend or will cause to be taken out, maintained and extended, "all risks" property insurance will include the following terms:

- (a) coverage in an amount not less than the full replacement value of the Facility including all Equipment subject to the following principle extensions and sublimits:
 - (i) replacement cost valuation (property);
 - (ii) most recent technology replacement cost valuation (equipment);

- (iii) flood (to policy limit with annual aggregate permitted);
- (iv) natural or man-made earth movement, including earthquake, landslide or subsidence (to policy limit with annual aggregate permitted);
- (v) for property insured under the policy and stored at an off-site location or in transit in Canada or the United States of America, a limit of not less than the total of all values stored at any single location, or the value of the largest shipment to be transported by land to the Lands or the Existing Hospital Lands if such transport by land is not covered by marine cargo insurance;
- (vi) professional fees – minimum [REDACTED] sublimit;
- (vii) fire fighting expenses – minimum [REDACTED] sublimit;
- (viii) debris removal and clean up – minimum [REDACTED] sublimit;
- (ix) expediting expenses – minimum [REDACTED] sublimit;
- (x) extra and expediting expenses – minimum [REDACTED] sublimit;
- (xi) by-laws including demolition, and increased cost of construction;
- (xii) valuable papers – minimum [REDACTED] sublimit;
- (xiii) accounts receivable – minimum [REDACTED] sublimit;
- (xiv) contamination clean-up or removal – minimum [REDACTED] sublimit;
- (xv) personal effects of employees and patients;
- (xvi) radioactive contamination caused by sudden and accidental release of radioactive isotopes (resulting from an accident and accident to measuring, testing or medical equipment) - [REDACTED] sublimit;
- (xvii) data processing equipment and media;
- (xviii) data processing – extra expense;
- (xix) automatic reinstatement of the sum insured;
- (xx) off premises services interruption;
- (xxi) civil authority - minimum 8 weeks;
- (xxii) prevention of ingress / egress - minimum 8 weeks;
- (xxiii) automatic coverage for newly acquired locations (90 days reporting period acceptable);

- (xxiv) joint loss agreement (if separate “all risks” property and boiler & machinery policies are arranged);
 - (xxv) no co-insurance;
 - (xxvi) course of construction continuance cover for permission for renovations and construction with a minimum sublimit of [REDACTED] to be covered at no additional premium;
 - (xxvii) blanket additional insureds, as applicable
- (b) business interruption coverage:
- (i) in an amount sufficient to compensate Project Co for loss of revenue (on a gross profits or gross revenue form) less Avoidable Costs resulting from or attributable to any insured perils under the “all risks” property policy;
 - (ii) having an indemnity period not less than 38 months in respect of the Facility;
 - (iii) having a waiting period of not greater than 30 days;
 - (iv) if commercially available the business interruption will be extended to include an infectious disease as a peril to trigger the business interruption coverage
 - (v) include interdependence and contingent cover regarding losses at key supplier premises, property in transit or in storage off-site.
- (c) deductibles, per occurrence not exceeding the following amounts;
- (i) flood - [REDACTED];
 - (ii) for earthquakes, the greater of [REDACTED] or [REDACTED] of the total insured value of the Facility;
 - (iii) for all other insured perils - [REDACTED];
 - (iv) with respect to deductibles, the deductibles in 2.1(b) and 2.1(c) may be provided on a combined form.
- (d) include, as named insureds the following entities:
- (i) Project Co;
 - (ii) the Authority;
 - (iii) Service Provider.
- (e) a waiver of subrogation in favour of the following entities:

- (i) Project Co;
 - (ii) Service Provider;
 - (iii) the Authority;
 - (iv) the Senior Lenders.
- (f) include the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds and loss payees, and with respect to the business interruption coverage referred to in Section 3.1(b) of this Schedule, name Project Co and the Senior Lenders as the exclusive loss payees.
- (g) for any equipment owned by the Authority that is the responsibility of the Authority, the Authority shall be the sole loss payee with respect to physical damage.

3.2 Boiler & Machinery Insurance

From the Service Commencement Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, boiler and machinery insurance covering all boilers, pressure vessels, electrical and mechanical machines included in the Project on a comprehensive basis. Project Co may, at its option, combine this policy with the insurance required pursuant to Section 3.1 above. The policy will include the following terms:

- (a) coverage on a replacement cost basis in an amount not less than the maximum probable loss of the Facility, as determined by Project Co and agreed by the Authority and the Senior Lenders, subject to the following sublimits:
- (i) ammonia contamination – minimum [REDACTED] sublimit;
 - (ii) by-laws, including demolition and increased costs of construction – minimum [REDACTED] sublimit;
 - (iii) errors and omissions – minimum [REDACTED] sublimit;
 - (iv) expediting expenses – minimum [REDACTED] sublimit;
 - (v) extra expenses – minimum [REDACTED] sublimit;
 - (vi) hazardous substances – minimum [REDACTED] sublimit;
 - (vii) professional fees – minimum [REDACTED] sublimit;
 - (viii) water damage – minimum [REDACTED] sublimit;
 - (ix) data restoration;

- (x) denial of service – minimum 2 weeks sublimit;
 - (xi) service interruption – 1,000 meters;
 - (xii) course of construction continuance cover for permission for renovations and construction with a minimum sublimit of [REDACTED] to be covered at no additional premium
- (b) business interruption coverage:
- (i) in an amount sufficient to compensate Project Co for loss of revenue (on a gross profits or gross revenue form) less Avoidable Costs resulting from or attributable to any insured perils under the “all risks” property policy;
 - (ii) having an indemnity period not less than 38 months in respect of the Facility;
 - (iii) having a waiting period of not greater than 30 calendar days.
- (c) a deductible not exceeding [REDACTED] per occurrence;
- (d) include, as named insureds the following entities:
- (i) Project Co;
 - (ii) the Authority;
 - (iii) the Service Provider.
- (e) include the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds and loss payees, and with respect to the business interruption coverage referred to in Section 3.2(b) of this Schedule, name Project Co and the Senior Lenders as the exclusive loss payees.

3.3 Commercial General Liability Insurance

From the Service Commencement Date to the Termination Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, commercial general liability insurance which will include the following terms:

- (a) commercial general liability insurance with respect to the Services.

It is hereby understood that Project Co shall have no liability arising out of the Authority Activities, including, but not limited to medical malpractice.

- (b) coverage in an amount of not less than [REDACTED] per occurrence and [REDACTED] in the aggregate for bodily injury, death and damage to property including loss of use thereof subject to the following principle extensions and sublimits;

- (i) product and completed operations;
- (ii) non-owned automobile liability - [REDACTED];
- (iii) sudden and accidental pollution and hostile fire pollution liability - [REDACTED];
- (iv) "all risks" tenants' legal liability – minimum [REDACTED] sublimit;
- (v) prairie or forest fire fighting expenses – minimum [REDACTED] sublimit;
- (vi) employee benefits administrative errors and omissions – minimum [REDACTED] sublimit;
- (vii) legal liability for damages to non-owned automobiles (SEF 94) - [REDACTED] sublimit;
- (viii) medical payments - [REDACTED] per occurrence / [REDACTED] aggregate;
- (ix) owners' and contractors' protective liability;
- (x) blanket contractual liability (written and oral);
- (xi) direct and contingent employers' liability;
- (xii) failure to provide services;
- (xiii) advertising liability;
- (xiv) no exclusion for abuse / molestation, or a specific endorsement to the policy providing coverage for abuse / molestation (subject to a minimum sublimit of [REDACTED]);
- (xv) radioactive contamination caused by sudden and accidental release of radioactive isotopes (resulting from an accident and accident to measuring, testing or medical equipment);
- (xvi) personal injury;
- (xvii) cross liability and severability of interests;
- (xviii) hazardous operation XCU (blasting / demolition / excavating / underpinning / pile driving / shoring / caisson work / work below ground surface / tunnelling / grading and similar operations);
- (xix) permission for unlicensed vehicles;
- (xx) loss of use without property damage;
- (xxi) broad form property damage;

- (xxii) broad form completed operations;
 - (xxiii) intentional injury;
 - (xxiv) watercraft (not in excess of 10 m) unless insured elsewhere, as applicable;
 - (xxv) worldwide territory, subject to suits being brought in Canada or the US;
 - (xxvi) non-vitiation;
 - (xxvii) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Service Provider, and the Senior Lenders.
- (c) a deductible not in excess of ██████ per occurrence;
 - (d) include, as named insureds, the following entities:
 - (i) Project Co;
 - (ii) the Authority;
 - (iii) the Service Provider.
 - (e) include the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds.

3.4 Pollution Liability Insurance

From the Service Commencement Date to the Termination Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, pollution liability insurance which will include the following terms:

- (a) coverage in the amount of not less than ██████ per claim and in the annual aggregate (multi-year policies will be allowed) inclusive of defense and all costs and expenses subject to the following principle extensions:
 - (i) hazardous substances occurring or emanating from the Project, the Facility and the Lands during the policy period;
 - (ii) microbial matter (including fungus/mould);
 - (iii) underground / above ground storage tanks;
 - (iv) first party restoration and clean-up costs;
 - (v) disposal site (reporting required);
 - (vi) contractual liability;

- (vii) emergency response costs;
 - (viii) extended reporting period – minimum 12 months in the event of termination of the policy or termination of the Project Agreement;
 - (ix) waiver of subrogation in favour of all named and unnamed insureds, including but not limited to Project Co, the Authority, the Service Provider and the Senior Lenders;
- (b) a deductible not exceeding [REDACTED] per claim;
- (c) include, as named insureds the following entities:
- (i) Project Co;
 - (ii) the Authority;
 - (iii) the Service Provider;
- (d) include the Senior Lender Endorsements substantially in the form set out in Appendix 5A, including, without limitation, naming the Senior Lenders as additional insureds.

3.5 Employee Dishonesty

From the Service Commencement Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, employee dishonesty insurance against the fraudulent acts of employees of Project Co which will include the following terms:

- (a) Coverage in the amount of not less than [REDACTED] per claim and will include the following principal extensions:
- (i) broad form money and securities;
 - (ii) money orders and counterfeit paper;
 - (iii) depositors' forgery;
 - (iv) computer fraud and funds transfer fraud;
 - (v) audit expenses;
 - (vi) credit card forgery.

3.6 Workers Compensation

From the Service Commencement Date, Project Co will take out, maintain in force and extend or will cause to be taken out, maintained and extended, workers' compensation insurance coverage for all employees of Project Co and any Sub-Contractor engaged in the performance of the Services, in accordance with applicable Laws and the requirements of any Governmental Authority.

3.7 Other Operating Period Insurance

From the Service Commencement Date, when construction, rehabilitation or major repair work is being carried out by or on behalf of Project Co under this Agreement and the risks associated with such work are not insured by the insurance described in the policies described in Section 3 [Operating Period Insurance Requirements] of this Schedule, Project Co will take out, maintain in force and renew or will cause to be taken out, maintained and renewed such insurance described in Section 1 [Insurance Requirements until the Service Commencement Date] of this Schedule in such amounts, as a prudent owner would reasonably require, as determined by the Authority, acting reasonably, at least 10 Business Days before the commencement of the applicable period during which the insurance is required. To the extent such work is undertaken pursuant to a Change Certificate and such work is not covered in the policies described in Section 3 [Operating Period Insurance Requirements] of this Schedule, the Change Certificate for such work will include such insurance coverage as the Authority, acting reasonably, considers necessary in the circumstances.

4. GENERAL INSURANCE PROVISIONS

4.1 Insurance Representative

Before commencing any Construction, Project Co will appoint an insurance representative who will communicate with the Authority and keep the Authority advised of all material matters of insurance, including claims, possible claims and policy changes or amendments. Project Co will at all times maintain such a representative throughout the Term and Project Co will advise the Authority promptly of any change in such representative during the Term.

4.2 Cooperation with Insurer's Consultants

If an insurer or an insurer's appointed consultant, for underwriting purposes, in connection with a claim or as a term or condition of an insurance policy, needs to review any part of the performance of this Project Agreement, then the Authority and Project Co shall, and each of them shall require the Authority Persons and the Project Co Persons, respectively, to:

- (a) cooperate with the insurer and its consultant, including providing them with such information and documentation as they may reasonably require; and
- (b) allow the insurer and its consultant to attend meetings between Project Co and the Authority (or, as applicable, and if reasonably required by the insurer, between Project Co and those engaged by or through Project Co).

Project Co and the Authority covenant and agree with each other to do all acts, matters and things as may be reasonably necessary or required to expedite the adjustment of any claim for loss or damage covered by insurance hereunder so as to expedite the release and disposition of such insurance in the manner and for the purposes herein contemplated.

4.3 Additional Insurance

None of the insurance coverage amounts or sublimits specified in this Schedule limit the liability of Project Co with respect to any obligations of Project Co to the Authority arising under this Agreement. Project Co will obtain and maintain, or cause to be obtained and maintained, at its cost, all such other policies of insurance required by Law or which Project Co deems necessary having regard for the policies of insurance which prudent owners and operators of projects of similar scope and magnitude to the Project would maintain and obtain, or cause to be obtained and maintained, including directors and officers liability insurance and corporate indemnification insurance.

4.4 Insurers and Terms of Policies

Project Co will ensure that all policies for the insurance pursuant to this Schedule are obtained and maintained with Qualified Insurers licensed in Canada and, subject to this Schedule, are in such forms and contain such terms and conditions which are equal to or better than those that would be obtained by prudent owners and operators of projects of similar scope and magnitude to the Project and, in addition to the required inclusions or permitted exclusions for each policy specifically described in this Schedule, include such other inclusions and exclusions as such prudent owner or operator would require or permit.

4.5 Particular Requirements of Policies

Without limiting the generality of this Schedule and the provisions of Section 6 [Insurance, Damage and Destruction] of this Agreement:

- (a) each commercial policy of insurance required under this Agreement will:
 - (i) with respect to insurances required under Sections 1.1, 1.2, 1.3, and 1.4 of this Schedule bear an endorsement to the effect that the policies will be non-cancellable except for non-payment of premium, material misrepresentation or concealment of facts or material breach of a policy condition;
 - (ii) with respect to insurances required under Sections 1.8, 3.1, 3.2, 3.3 and 3.4 of this Schedule bear an endorsement to the effect that the insurer will provide at least 60 days' notice of cancellation, including for non-payment of premium;
 - (iii) with respect to insurances required under Sections 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12 and 3.5 of this Schedule bear an endorsement to the effect that the insurer will provide at least 60 days' notice of cancellation except for non-payment of premium where statutory conditions may apply;
 - (iv) with respect to insurances required under Sections 1.1, , 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 3.1, 3.2, 3.3, 3.4 of this Schedule contain an endorsement to the effect that the policy will not be invalidated and coverage thereunder will not be denied to any insureds by reason of any breach or violation of warranties, representations, declarations or conditions contained in the policy other than as a result of a negligent act, misrepresentation or omission of such insured; and

- (v) be primary and not require the sharing of any loss by any insurer of the Authority.

4.6 Evidence of Insurance

In respect of those policies of insurance required to be maintained by Project Co pursuant to this Schedule, upon the issue of and upon every renewal of each such policy, and otherwise upon request by the Authority, Project Co will deliver to the Authority a certificate of insurance or certified copy of each such policy or other satisfactory evidence of adequate insurance. No review or approval of any insurance certificate or insurance policy by the Authority will derogate from or diminish such party's rights under this Agreement.

4.7 Claims

Project Co will:

- (a) maintain a written register of all claims and incidents that might reasonably result in a claim under any of the policies of insurance required by this Agreement and will allow the Authority to inspect such register at any time; and
- (b) notify the Authority and provide full particulars of any incident giving rise to a claim:
 - (i) within 5 Business Days after making any claim under any of the policies for the insurance required by this Agreement where the value of the claim exceeds [REDACTED]; or
 - (ii) immediately:
 - (A) after any property loss; and
 - (B) after any claim (regardless of the value of the claim) involving personal injury or death or professional liability, accompanied by full particulars of the incident giving rise to the claim.

4.8 Deductibles

Project Co will be responsible for the deductible portion of, or waiting period for, any claim made on any policy of insurance described in this Schedule, unless the loss was caused by the Authority or an Authority Service Provider, in which case the deductible will be the responsibility of the Authority to the extent caused by the Authority or such Authority Service Provider.

4.9 No Indemnification for Insured Claims

Project Co will not be entitled to claim compensation, indemnification or reimbursement from the Authority under this Agreement to the extent that Project Co:

- (a) is entitled to recover any such amounts under any insurance in force at the time of loss; or

- (b) would have been entitled to recover any such amounts under any insurance if it had complied with its obligation to take out and maintain, or cause to be taken out and maintained, insurance in accordance with this Agreement.

4.10 Compliance

- (a) Project Co will comply with the terms, conditions and requirements of all policies for the insurance required by this Schedule and will not do or omit to do, or permit to be done or omitted by any Project Co Person, anything on or with respect to the Facility, the Existing Hospital, the Lands or the Existing Hospital Lands that could reasonably be expected to result in the cancellation of any insurance described in this Schedule, or that would reasonably be expected to entitle any insurer to refuse to pay any claim under the policy for any such insurance;
- (b) The Authority will not do, or permit to be done by any Authority Person, anything on or with respect to the Facility, the Existing Hospital, the Lands or the Existing Hospital Lands that could reasonably be expected to result in the cancellation of any insurance described in this Schedule, or that would entitle any insurer to refuse to pay any claim under the policy for any such insurance;
- (c) The Authority and Project Co will, and Project Co will cause the Project Contractors and the Sub-Contractors to, comply with all insurance policy warranties made known to them.

4.11 Failure to Insure

Subject to Section 6.15 [Consequences of Risks becoming Uninsurable], if Project Co fails or refuses to obtain or maintain in force any insurance required to be effected by it under this Schedule, or to provide evidence of such insurance and renewals in relation thereto as and when required and in accordance with this Schedule, the Authority will, without prejudice to any of its other rights under this Agreement or otherwise, have the right itself to procure such insurance, in which event any amounts paid by the Authority for that purpose together with all reasonable costs incurred by the Authority in procuring such insurance will become due and payable by Project Co to the Authority.

4.12 Increase in Amount of Coverage

The Authority and Project Co will ensure that, throughout the Operating Period, the amounts of coverage in respect of the policies of insurance required to be obtained and kept in force under Section 4 of this Schedule are not less than the greater of the amounts:

- (a) specified in Section 3.3; and
- (b) of coverage that would be obtained from time to time by prudent owners and operators of projects of similar scope and magnitude as the Project in respect of such policies of insurance,

(each a "**Prudent Coverage Amount**").

In order to determine the Prudent Coverage Amount, Project Co will, at its own expense, carry out a replacement cost appraisal once every 3 years and provide evidence of said appraisal to the Authority.

If, at any time, a party (the “**Notifying Party**”) determines that the amount of coverage then in effect (the “**Actual Coverage Amount**”) in respect of any commercial policy of insurance required to be obtained and kept in force by a party under Section 2 of this Schedule, as applicable, is or will be less than the Prudent Coverage Amount, the Notifying Party will notify the other party in writing of such determination and, if both parties agree, or it is determined under the Dispute Resolution Procedure, that the Actual Coverage Amount is or will be less than the Prudent Coverage Amount, the party responsible for effecting and maintaining such policy of insurance will forthwith cause the amount of coverage in respect thereof to be increased to an amount equal to at least the Prudent Coverage Amount.

4.13 Project Co Contractors and Sub-Contractors

Project Co will determine the applicable insurance coverage to be obtained by Project Contractors and Sub-Contractors provided that such insurance coverages will be consistent with insurance that prudent Sub-Contractors would be required to maintain for projects of similar scope and magnitude to the Project.

5. BENCHMARKING OF INSURANCE COSTS

5.1 Definitions

For purposes of this Section 5, the following terms shall have the following meanings:

“**Actual Principal Insured Risk Insurance Cost**” means the aggregate of the annual insurance premiums reasonably incurred by Project Co, or incurred by others on behalf of Project Co, to maintain the Principal Insured Risk insurance during the Insurance Review Period, but excluding Taxes and all broker’s fees and commissions.

“**Base Principal Insured Risk Insurance Cost**” means ██████████, which is to be carried in the Financial Model for each year until the end of the Termination Date so long as the projected premiums were arrived at reasonably to be incurred by Project Co to maintain Principal Insured Risk insurances during the Insurance Review Period plus the annual insurance premiums incurred by others to maintain the Principal Insured Risk insurances on behalf of Project Co, which amounts exclude Taxes and all broker’s fees and commissions.

“**Insurance Cost Differential**” means an amount, based on the Joint Insurance Cost Report, equal to $(APIRIC - BPIRIC) \pm PIC$ where:

APIRIC is the Actual Principal Insured Risk Insurance Cost;

BPIRIC is the Base Principal Insured Risk Insurance Cost; and

PIC is any Project Insurance Change.

For the purpose of determining the Insurance Cost Differential, in the event that there is a net increase in the APIRIC relative to the BPIRIC, the Project Insurance Change shall have a negative value and, in

the event that there is a net decrease in the APIRIC relative to the BPIRIC, the Project Insurance Change shall have a positive value.

“Insurance Review Date” means each anniversary of the Principal Insured Risk Insurance Inception Date, except where such date lies beyond the end of the Project Term, in which case the Insurance Review Date shall be the last renewal date of the Principal Insured Risk Insurance prior to the Expiry Date.

“Insurance Review Period” means a one year period from the Principal Insured Risk Insurance Inception Date and each subsequent one year period commencing on the first anniversary of the Principal Insured Risk Insurance Inception Date, except where the end of such period lies beyond the end of the Term, in which case the Insurance Review Period shall be the period from the end of the penultimate Insurance Review Period to the last day of the Term.

“Principal Insured Risk” means all policies of insurance to be obtained by or on behalf of Project Co in Section 2 of this Schedule 5.

“Principal Insured Risk Inception Date” means the Service Commencement Date.

“Project Insurance Change” means any net increase or net decrease in the Actual Principal Insured Risk Insurance Cost relative to the Base Principal Insured Risk Insurance Cost, arising from:

- (a) other than in respect of claims or re-ratings arising out of the acts or omissions of the Authority or any Authority Person, the claims history or re-rating of Project Co or any Project Co Person;
- (b) the effect of any change in deductible or self-insured retention unless:
 - (i) such change is attributable to circumstances generally prevailing in the insurance market in the Northwest Territories; and
 - (ii) the deductible or self-insured retention, further to such change, is either greater than or equal to the maximum deductibles or self-insured retentions set out in this Schedule 5; and
 - (iii) any other issue or factor other than circumstances generally prevailing in the insurance market in the Northwest Territories.

5.2 Joint Insurance Cost Report

No later than 60 calendar days prior to each Insurance Review Date, Project Co’s insurance broker shall, at Project Co’s sole cost and expense, prepare a report on behalf of both Project Co and the Authority (the **“Joint Insurance Cost Report”**), which contains the following information for the relevant Insurance Review Period:

- (a) a full breakdown of the Actual Principal Insured Risk Insurance Cost;

- (b) an assessment and quantification of each Project Insurance Change, together with the reasons therefor;
- (c) the opinion of Project Co's insurance broker as to the reasons why the Actual Principal Insured Risk Insurance Cost has varied from the Base Principal Insured Risk Insurance Cost, specifying the impact of each of the factors and quantifying the amount attributable to each factor;
- (d) the calculation of the Insurance Cost Differential; and
- (e) evidence satisfactory to the Authority, acting reasonably, of any changes to circumstances generally prevailing in the Northwest Territories insurance market that are claimed to account for the Insurance Cost Differential.

The Service Payment will be subject to an adjustment in the amount of the Insurance Cost Differential (the "**Insurance Adjustment**") in accordance with the payment mechanism set out in Schedule 8 [Payments].

APPENDIX 5A

SENIOR LENDER ENDORSEMENTS

With respect to any policy of insurance noted in Schedule 5 [Insurance Requirements] as requiring these Senior Lender Endorsements, Project Co and the Authority will use all reasonable efforts to have the underwriters of such policies include terms and endorsements substantially similar to those set out in this Appendix 5A with such changes and amendments as may reasonably be required in the context of the coverage provided under, and the wording contained in, each such policy.

Notwithstanding any other provision of this Policy, the following endorsement shall apply:

Section I: Definitions

1. IN THIS ENDORSEMENT:

Agent means Computershare Trust Company of Canada, as indenture trustee, for and on behalf of the Finance Parties;

Authority means the Government of the Northwest Territories;

Finance Parties means the Indenture Trustee and the Bondholders (each as defined in the Trust Indenture);

Insurance Trust Account has the meaning given in the Trust Indenture;

Insurance Trust Agreement has the meaning given in the Trust Indenture;

Insured means those parties so described in the policy declarations;

Insurers means the insurer or insurers underwriting this insurance policy;

Project means the project described in the declarations to this Policy;

Project Co means Boreal Health Partnership;

Security Trustee means Computershare Trust Company of Canada, as indenture trustee, for and on behalf of the Finance Parties; and

Trust Indenture means the trust indenture made as of September 22, 2015 between Project Co and Computershare Trust Company of Canada, as indenture trustee, as amended or replaced from time to time.

Section II: Policy formation/basis

2. SEPARATE POLICY

All the provisions of this Policy (except for those relating to limits of liability) shall operate as if there were a separate policy covering each Insured. Accordingly, the liability of the Insurers under this Policy to any one of the Insured shall not be conditional upon the due observance and fulfilment of any other Insured of the terms of this Policy and of any duties imposed upon it relating thereto and shall not be affected by any failure in such observance or fulfilment of any such other Insured.

3. INTEREST OF THE FINANCE PARTIES AND THE AUTHORITY

3.1 The Insurers acknowledge that the Finance Parties and (in respect of third party liabilities) their respective officers, directors, employees, secondees and assigns are each additional insureds under this Policy and that the premium specified in this Policy provides consideration for their being insured parties.

3.2 The Insurers acknowledge that the Authority and (in respect of third party liabilities) its officers, directors, employees, secondees and assigns are each additional insureds under the sections of this Policy relating to property damage and third party liability risks and that the premium specified in this Policy provides consideration for their being insured parties.

4. LIABILITY FOR PREMIUM

Neither the Agent, nor the Finance Parties shall be liable for the payment of any premium under this Policy although they may choose to pay the premium.

5. DISCLOSURE

5.1 The Finance Parties shall have no duty of disclosure to Insurers in relation to the Policy.

5.2 The Insurers acknowledge to the Finance Parties alone that (i) they have received adequate information in order to evaluate the risk of insuring Project Co in respect of the risks hereby insured on the assumption that such information is not materially misleading, (ii) there is no information which has been relied on or is required by Insurers in respect of their decision to co-insure the Finance Parties or their directors, officers, employees or agents, and (iii) in agreeing to enter into this Policy, they have not relied upon or taken into account any information supplied to them by any Finance Party. The acknowledgements provided by the Insurers in this clause 5.2 shall have no effect on any rights that Insurers might have had under or in relation to the Policy against any party (including Project Co) other than the Finance Parties and the Agent in the absence of such acknowledgements.

5.3 Non-disclosure or misrepresentation by one Insured shall not be attributable to any other Insured who did not actively participate in that non-disclosure or misrepresentation. Without prejudice to the protections afforded to the Insured by this endorsement, no one Insured represents or warrants the adequacy or accuracy of any information provided or representation made by or on behalf of any other Insured.

Section III: Rights to avoid/cancel or change Policy terms

6. NON-VITIATION

- 6.1** The Insurers undertake to each Insured that the Policy will not be invalidated as regards the rights and interests of such Insured and that the Insurers will not seek to avoid any liability under this Policy because of any act, neglect, error or omission made by any other Insured, including any failure by any other Insured to disclose any material fact, circumstance or occurrence, any misrepresentation by any other Insured or any breach or non-fulfilment by any other Insured of any condition, warranty or provision contained in the policy.
- 6.2** The Insurers agree that no Insured shall be penalised or prejudiced in any way by any unintentional or inadvertent misrepresentation, non-disclosure, want of due diligence or breach of any declaration, terms, condition or warranty of this Policy (together “the Relevant Matter”), but that this shall not apply as regards the individual Insured responsible for the Relevant Matter if that Insured fails to notify the Insurers or the brokers through whom the Policy was placed as soon as reasonably practicable after the management or managers of that Insured become aware or are made aware of the Relevant Matter.

7. CANCELLATION

- 7.1** The Insurers agree that they shall not seek to cancel or suspend the construction phases of this insurance except for non-payment of premium.
- 7.2** The Insurers shall promptly notify the Agent and the Authority in writing of any default in the payment of premium and shall give the Agent and the Authority at least 30 days’ notice in writing before voiding this Policy for non-payment of premium, in order to give an opportunity for that premium to be paid within the notice period.

8. CHANGES IN COVER

The Insurers shall give the Agent and the Authority at least 30 days’ notice in writing before any reduction in cover or increase in excess or deductible under this Policy takes effect. Nothing in this clause shall give the Insurers any right which they do not otherwise have to reduce cover or increase any excess or deductible under this Policy.

9. AMENDMENTS TO ENDORSEMENT

During the term of this Policy, the provisions of this endorsement may only be amended by written agreement between Project Co, the Insurers and the Agent, such amendment to be endorsed on the Policy.

Section IV: Claims

10. NOTICE OF CLAIMS

10.1 Notice of claim by the Authority or the Finance Parties or any other party entitled to indemnity under the Policy shall, in the absence of manifest error, be accepted by Insurers as a valid notification of claim on behalf of all other Insureds subject to the full terms of the Policy.

11. CLAIM PAYMENTS/LOSS PAYEE

Payments made in accordance with this Clause 11 shall, to the extent of the payment, discharge the Insurers' liability to pay Project Co or any other Insured.

11.1 In respect of property and boiler and machinery risks only:

Subject to the provisions of the Insurance Trust Agreement and the Trust Indenture, all claim payments or return premium shall be paid into the Insurance Trust Account or to such other account as the Security Trustee may specify in writing.

11.2 In respect of the insurance under this Policy of third party liability risks only:

All claim payments in respect of a third party liability shall be paid to person(s) whose claim(s) constitute the risk or liability insured against except in the case where the Insured has properly discharged its liability to such person(s), in which case, subject to the provisions of the Insurance Trust Agreement and the Trust Indenture, the claim payment shall be paid to the Insurance Trust Account or such account as the Security Trustee directs in writing.

Subject to the provisions of the Insurance Trust Agreement and the Trust Indenture, any return premiums shall be paid to the Insurance Trust Account or such other account as the Security Trustee directs in writing.

11.3 In respect of the insurance under this Policy of loss of revenue risks only:

Subject to the provisions of the Insurance Trust Agreement and the Trust Indenture, all claim payments or return premiums shall be paid to the Insurance Trust Account or such other account as the Security Agent directs in writing.

12. WAIVER OF SUBROGATION

The Insurers waive all rights of subrogation howsoever arising which they may have or acquire against any Insured described within the appropriate Schedules arising out of any occurrence in respect of which any claim is admitted and is insured hereunder for the benefit of such Insured except against any:

- (a) such Insured (or officer, director, employee, agent or assign) who has caused or contributed to such an occurrence or claim by fraud, deliberate misrepresentation, deliberate non-disclosure or deliberate breach of policy condition; or
- (b) consultant or equivalent professional party to the extent that their professional errors, omissions or activities not covered by this Policy have caused or contributed to a loss covered under this Policy; or

- (c) supplier or manufacturer to the extent that their errors, omissions or activities not covered by this Policy have caused or contributed to a loss covered under this Policy; or
- (d) such Insured to the extent that they are entitled to recover in respect of a loss under cover falling within sub-clause 13(a)–(e) below (or would be so insured if cover in the terms set out in this Policy had not been taken out).

13. PRIMARY INSURANCE

The Insurers agree that this insurance provides the primary cover for risks insured under this Policy. In the event that any risk insured under this Policy is also insured under any other policy of insurance effected by any Insured, the Insurers agree to indemnify the Insured as if such other policy of insurance did not exist except in respect of:

- (a) excess layers of third party cover effected specifically for the Project;
- (b) any third party liability claim against the Insured which exceeds the applicable limit of indemnity under this Policy, in which case the liability of the Insurers for additional legal costs and expenses shall be limited to the proportion that the applicable limit of indemnity bears to the total claim against the Insured;
- (c) any claim under this Policy to which a Marine 50/50 Clause applies, if any;
- (d) any claim made under a Contingent Motor Liability extension to this Policy, if any; or
- (e) any claim relating to a loss which is insured against (or would be insured but for a double insurance provision or similar or the application of a deductible) under:
 - (i) any other policy specifically effected for the construction or operational phase(s) of the Project; or
 - (ii) a latent or inherent defects policy or engineering or mechanical breakdown policy specifically effected for the Project;

or a related business interruption insurance policy.

Section V: Miscellaneous

14. NOTICE OF SECURITY INTEREST

The Insurers acknowledge that by an assignment contained in a general security agreement dated on or about September 22, 2015 (the “**Assignment**”), Project Co assigned by way of security to the Finance Parties all benefits and rights in respect of this insurance and all claims and returns of premiums in respect thereof to which the Insured is or may at a future time become entitled. The Insurers confirm that they have not been notified of any other assignment of or security interest in Project Co’s interest in this insurance.

15. NOTICE

15.1 All notices or other communications under or in connection with the Policy will be given by fax and post. Any such notice given by Insurers will be deemed to be given on the earlier of:

- (A) if by fax, when transmitted but only if the sender's fax machine confirms successful transmission; and
- (B) if by post, within 2 business days of release from the relevant Insurer's office.

15.2 The address and fax number of the Agent for all notices under or in connection with the Policy are those notified from time to time by the Finance Parties for this purpose to the insurance broker at the relevant time. The initial address and fax number of the Agent is as follows:

Address: Computershare Trust Company of Canada
 100 University Avenue,
 11th Floor
 Toronto, ON M5J 2Y1

██████████ ████████████████████
██████████ ██

15.3 The address and fax number of the Authority for all notices under or in connection with the Policy are those notified from time to time by the Authority for this purpose to the insurance broker at the relevant time. The initial address and fax number of the Authority is as follows:

The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9

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16. GOVERNING LAW & JURISDICTION

The Policy shall be governed and interpreted in accordance with the Law of the Northwest Territories.

This endorsement overrides any conflicting provision in this Policy.

**APPENDIX 5B
INSURANCE TRUST AGREEMENT**

THIS AGREEMENT is made as of the 22nd day of September, 2015

AMONG:

The Government of the Northwest Territories
(the “**Authority**”)

AND:

Computershare Trust Company of Canada, acting as agent for and on behalf of the Senior Lenders
(the “**Agent**”)

AND:

Boreal Health Partnership
(“**Project Co**”)

AND:

Computershare Trust Company of Canada, a trust company incorporated under the laws of Canada
(the “**Account Trustee**”)

WHEREAS:

- A. The Authority and Project Co have entered into the Project Agreement.
- B. The Authority, the Agent and Project Co have entered into the Lenders’ Remedies Agreement.
- C. The Authority, the Agent and Project Co have agreed that all amounts from time to time contained in the Insurance Trust Account are to be held in trust by the Account Trustee in accordance with the terms of this Insurance Trust Agreement, and that no releases, distributions or transfers of any funds from the Insurance Trust Account shall be made other than in accordance with the terms of this Insurance Trust Agreement.

NOW THEREFORE in consideration of the mutual covenants and agreements of the parties hereinafter contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties covenant and agree as follows:

1. DEFINITIONS

In this Insurance Trust Agreement, unless the context otherwise requires:

- (a) “**Account Trustee**” has the meaning given in the introductory paragraph of this Insurance Trust Agreement.
- (b) “**Agent**” has the meaning given in the introductory paragraph of this Insurance Trust Agreement.
- (c) “**Appointed Representative**” has the meaning given in the Lenders’ Remedies Agreement.

- (d) **“Authority”** has the meaning given in the introductory paragraph of this Insurance Trust Agreement.
- (e) **“Bank”** means HSBC Bank Canada.
- (f) **“Business Day”** has the meaning given in the Project Agreement.
- (g) **“Change of Authorization Event”** has the meaning given in Section **Error! Reference source not found.** of this Insurance Trust Agreement.
- (h) **“Change of Authorization Notice”** has the meaning given in Section 8(b)(ii) of this Insurance Trust Agreement.
- (i) **“Default Notice”** means a written notice given by the Agent to the Account Trustee and the Authority that an event of default under the Senior Financing Agreements has occurred and is continuing.
- (j) **“Default Period”** means the period commencing on the date upon which the Account Trustee and the Authority receive a Default Notice and ending on the date upon which the Account Trustee and the Authority receive written notice from the Agent that the event of default which was the subject matter of the applicable Default Notice has been cured.
- (k) **“Facility”** has the meaning given in the Project Agreement.
- (l) **“Governmental Authority”** has the meaning given in the Project Agreement.
- (m) **“Insurance Policies”** has the meaning given in Section 4 of this Insurance Trust Agreement.
- (n) **“Insurance Proceeds”** has the meaning given in Section 5(a) of this Insurance Trust Agreement.
- (o) **“Insurance Trust Account”** means Insurance Trust Account No. 002-729679 at Bank.
- (p) **“Insurance Trust Agreement”** means this Insurance Trust Agreement.
- (q) **“Lenders’ Remedies Agreement”** means the Lenders’ Remedies Agreement made on or about the date hereof between the Authority, Project Co and the Agent.
- (r) **“Notice Period”** has the meaning given in the Lenders’ Remedies Agreement.
- (s) **“Order”** has the meaning given in Section 7(k) of this Insurance Trust Agreement.
- (t) **“Project”** has the meaning given in the Project Agreement.
- (u) **“Project Agreement”** means the project agreement made on or about September 22, 2015 between the Authority and Project Co.
- (v) **“Project Co”** has the meaning given in the introductory paragraph of this Insurance Trust Agreement.
- (w) **“Project Co Event of Default”** has the meaning given in the Project Agreement.

- (x) **“Suitable Substitute Project Co”** has the meaning given in the Lenders’ Remedies Agreement.
- (y) **“Senior Financing Agreements”** has the meaning given in the Project Agreement.
- (z) **“Senior Lenders”** has the meaning given in the Project Agreement.
- (aa) **“Step-In Notice”** has the meaning given in the Lenders’ Remedies Agreement.
- (bb) **“Step-In Period”** has the meaning given in the Lenders’ Remedies Agreement.
- (cc) **“Trust Property”** means all of the property held in trust by the Account Trustee pursuant to this Insurance Trust Agreement, including, without limitation, the Insurance Trust Account, and all amounts from time to time contained therein, the Insurance Policies and the Insurance Proceeds.

2. CONSTRUCTION AND INTERPRETATION

This Insurance Trust Agreement will be interpreted according to the following provisions, save to the extent that the context or the express provisions of this Insurance Trust Agreement otherwise require:

- (a) The parties waive the application of any rule of law which otherwise would be applicable in connection with the construction of this Insurance Trust Agreement that ambiguous or conflicting terms or provisions should be construed against the party who (or whose counsel) prepared the executed agreement or any earlier draft of the same.
- (b) The table of contents, headings and sub-headings, marginal notes and references to them in this Insurance Trust Agreement are for convenience of reference only, do not constitute a part of this Insurance Trust Agreement, and will not be taken into consideration in the interpretation or construction of, or affect the meaning of, this Insurance Trust Agreement.
- (c) Each reference in this Insurance Trust Agreement to "Section" is to a section of this Insurance Trust Agreement.
- (d) Each reference to an agreement, document, standard, principle or other instrument includes (subject to all relevant approvals and any other provision of this Insurance Trust Agreement expressly concerning such agreement, document, standard, principle or other instrument) a reference to that agreement, document, standard, principle or instrument as amended, supplemented, replaced, novated or assigned, and a reference to an "amendment" and similar terms (including "amend" and "amended") include a reference to supplement, alteration, substitute, variation, change and any other modification and similar terms.
- (e) Each reference to a statute or statutory provision (including any subordinate legislation) includes any statute or statutory provision which amends, extends, consolidates or replaces the statute or statutory provision or which has been amended, extended, consolidated or replaced by the statute or statutory provision and includes any orders, regulations, by-laws, ordinances, orders, codes of practice, instruments or other subordinate legislation made under the relevant statute.
- (f) Each reference to time of day is a reference to Mountain Standard time or Mountain Daylight Saving time, as the case may be.

- (g) Words importing the singular include the plural and vice versa.
- (h) Words importing a particular gender include all genders
- (i) Each reference to a public organization is deemed to include a reference to any successor(s) to such public organization or any organization or entity or organizations or entities which has or have taken over the functions or responsibilities of such public organization.
- (j) Unless the context otherwise requires, each reference to "parties" means the parties to this Insurance Trust Agreement and each reference to a "party" means any one of the parties to this Insurance Trust Agreement, provided however that a reference to a third party does not mean a party to this Insurance Trust Agreement.
- (k) All monetary amounts are expressed in Canadian Dollars.
- (l) The words "include", "includes" and "including" are to be construed as meaning "include without limitation", "includes without limitation" and "including without limitation", respectively.
- (m) Any consent contemplated to be given under this Insurance Trust Agreement must be in writing.
- (n) General words are not given a restrictive meaning:
 - (i) if they are introduced by the word "other", by reason of the fact that they are preceded by words indicating a particular class of act, matter or thing; or
 - (ii) by reason of the fact that they are followed by particular examples intended to be embraced by those general words.
- (o) All accounting and financial terms used herein are, unless otherwise indicated, to be interpreted and applied in accordance with Canadian generally accepted accounting principles, consistently applied.
- (p) If the time for doing an act falls or expires on a day that is not a Business Day, the time for doing such act will be extended to the next Business Day.
- (q) Each provision of this Insurance Trust Agreement will be valid and enforceable to the fullest extent permitted by law. If any provision of this Insurance Trust Agreement is held to be invalid, unenforceable or illegal to any extent, such provision may be severed and such invalidity, unenforceability or illegality will not prejudice or affect the validity, enforceability and legality of the remaining provisions of this Insurance Trust Agreement. If any such provision of this Insurance Trust Agreement is held to be invalid, unenforceable or illegal, the parties will promptly endeavour in good faith to negotiate new provisions to eliminate such invalidity, unenforceability or illegality and to restore this Insurance Trust Agreement as nearly as possible to its original intent and effect.

3. INSURANCE TRUST ACCOUNT

- (a) Prior to the commencement of a Default Period, the Insurance Trust Account and all amounts from time to time contained therein, including interest thereon, shall be held in trust by the Account Trustee for the benefit of Project Co. During a Default Period, the Insurance Trust Account, and all amounts from time to time contained therein, shall be held in trust by the Account Trustee for the benefit of the Agent and the Senior Lenders,

provided that, upon receipt by the Account Trustee of a Change of Authorization Notice, the Insurance Trust Account, and all amounts from time to time contained therein, shall be held in trust by the Account Trustee for the benefit of the Authority.

- (b) The Account Trustee shall not release, distribute or transfer any funds from the Insurance Trust Account other than in accordance with the terms of this Insurance Trust Agreement.
- (c) Notwithstanding any other provision of this Insurance Trust Agreement and subject to Section 3(d), the Agent, the Authority, and Project Co agree that if any of them either receives any Insurance Proceeds from the Insurance Trust Account or has the right to direct the Account Trustee to advance funds in respect of any Insurance Proceeds from the Insurance Trust Account to third parties, such funds shall be directed, used or advanced only for one of the following purposes:
 - (i) the repair, reinstatement, restoration or replacement of the Facility or any other assets, materials or goods necessary or desirable for the carrying out of the Design and/or the Construction or the Services in respect of which such Insurance Proceeds have been paid;
 - (ii) the completion of the Project;
 - (iii) indemnification for any Authority loss for which the subject Insurance Proceeds were paid under the Insurance Policies (as defined below); or
 - (iv) to the Senior Lenders as provided in the Senior Financing Agreements, in the case of Insurance Proceeds received in respect of a claim by Project Co for delay in start-up, soft costs, extra expense or business interruption.
- (d) Notwithstanding anything in this Insurance Trust Agreement, if the Authority is entitled to indemnification under the Insurance Policies in respect of any loss incurred by the Authority, such related insurance proceeds are to be paid directly to the Authority by the insurer or the Account Trustee and shall not be Insurance Proceeds subject to Section 3(c)(i) or (ii) of this Insurance Trust Agreement. For greater certainty it is understood and agreed that the Authority shall be required to use such proceeds for carrying out the purposes referred to in Sections 3(c)(i) and (ii) in respect of which such proceeds have been paid.

4. DELIVERY OF INSURANCE POLICIES

Project Co shall deliver, or cause to be delivered, to the Account Trustee all certificates, certified copies or originals of all property and asset related insurance policies that Project Co is required to maintain under the Project Agreement (collectively, the “**Insurance Policies**”), and the Account Trustee shall hold the Insurance Policies in trust for the benefit of each of the beneficiaries and loss payees, as the case may be, thereunder.

5. INSURANCE PROCEEDS

- (a) Subject to Section 3(d), the Account Trustee shall distribute any proceeds of any Insurance Policy that are paid over to it by any insurer, Project Co, the Agent or the Authority (the “**Insurance Proceeds**”) as follows:
 - (i) in the case of the all risks course of construction (builders’ risk), boiler and machinery insurance or property insurance policies that Project Co is required to maintain under the Project Agreement:

- (A) if the Account Trustee has not received a Default Notice and:
 - (1) if the amount of such Insurance Proceeds, together with the aggregate of all Insurance Proceeds in respect of the same loss or claim, is less than [REDACTED], to Project Co to repair, restore or replace the assets in respect of which such Insurance Proceeds have been paid; or
 - (2) if the amount of such Insurance Proceeds, together with the aggregate of all Insurance Proceeds in respect of the same loss or claim, is equal to or greater than [REDACTED], to the Agent to reimburse Project Co for the costs of repairing, restoring or replacing the assets in respect of which such Insurance Proceeds have been paid; or
- (B) if the Account Trustee has received a Default Notice, to the Insurance Trust Account to be distributed by the Account Trustee in such amounts and to such persons as the Agent may at any time or from time to time direct in writing, provided that, if the Account Trustee has received a Change of Authorization Notice, the Account Trustee shall release such Insurance Proceeds from the Insurance Trust Account in such amounts and to such parties as the Authority may at any time or from time to time direct in writing, in each case, to repair, restore or replace the assets in respect of which such Insurance Proceeds have been paid; and
 - (ii) in the case of any other Insurance Policies, to the Agent, or, following receipt by the Account Trustee of a Change of Authorization Notice, to the Authority, to be distributed to the parties entitled thereto.
- (b) All losses under (i) all risks course of construction (builder's risk) including boiler and machinery insurance carried by Project Co prior to the Service Commencement Date; (ii) property insurance carried by Project Co after the Service Commencement Date; and (iii) the boiler and machinery insurance carried by Project Co after the Service Commencement Date, which in each case is related to Equipment purchased by the Authority, shall be payable solely to the Authority and shall not be payable to the Account Trustee or distributed pursuant to this Insurance Trust Agreement.
- (c) The Account Trustee shall distribute any excess Insurance Proceeds remaining after the distributions contemplated in Section 5(a) have been made, including, without limitation, any Insurance Proceeds held in the Insurance Trust Account:
 - (i) if the Account Trustee has not received a Default Notice, to Project Co; and
 - (ii) if the Account Trustee has received a Default Notice, to such persons as the Agent, or, following receipt by the Account Trustee of a Change of Authorization Notice, the Authority, may at any time or from time to time direct in writing.
- (d) Each of Project Co, the Agent and the Authority shall forthwith deliver, or cause to be delivered, to the Account Trustee, any and all Insurance Proceeds it received from time to time and is not otherwise entitled to in accordance with the terms of this Insurance Trust Agreement.
- (e) The Account Trustee shall deposit to the Insurance Trust Account all amounts that are paid over to it pursuant to the Insurance Policies or otherwise by Project Co, the Authority

or the Agent and shall not transfer, release or distribute any such proceeds other than in accordance with this Insurance Trust Agreement.

6. ACCOUNT AGREEMENT

- (a) The Account Trustee hereby agrees to promptly provide to the Agent all monthly statements and other information with respect to the Insurance Trust Account provided to the Account Trustee by the Bank pursuant to the relevant account agreement. The Account Trustee further agrees that it shall make such requests to the Bank for additional information with respect to the Insurance Trust Account as the Agent may from time to time request in writing.
- (b) The Account Trustee hereby agrees to promptly provide to the Authority all monthly statements and other information with respect to the Insurance Trust Account provided to the Account Trustee by the Bank pursuant to the relevant account agreement. The Account Trustee further agrees that it shall make such requests to the Bank for additional information with respect to the Insurance Trust Account as the Authority may from time to time request in writing.

7. THE ACCOUNT TRUSTEE

- (a) The Account Trustee shall not have any duty or obligation to manage, control, use, make any payment in respect of, register, record, insure, inspect, sell, dispose of or otherwise deal with any part of the Trust Property except as expressly provided by the terms of this Insurance Trust Agreement. The Account Trustee shall carry out all written directions given by the Agent, the Authority or Project Co, as applicable, in accordance with this Insurance Trust Agreement and shall not be required to exercise any discretion in exercising any of its duties under this Insurance Trust Agreement in pursuance of such written directions. The Account Trustee shall not be bound to do or take any act, action or proceeding by virtue of the powers conferred on it hereby unless and until it shall have been required to do so under the terms hereof and has received instruction, advice or direction from the Agent, the Authority or Project Co, as applicable, as to the action to be taken (except with respect to actions specifically set out herein to be performed by the Account Trustee).
- (b) The Account Trustee will exercise its powers and carry out its obligations hereunder as account trustee honestly, in good faith and in the best interests of the beneficiaries hereunder and in connection therewith will exercise that degree of care, diligence, and skill that a reasonably prudent professional trustee would exercise in comparable circumstances. Unless otherwise required by law, the Account Trustee will not be required to give bond surety or security in any jurisdiction for the performance of any duties or obligations hereunder. No provision of this Insurance Trust Agreement shall be construed to relieve the Account Trustee from liability for its own dishonesty, fraud, negligence (including, without limitation, negligence in the handling of funds), wilful misconduct, bad faith or reckless disregard of any duty hereunder.
- (c) The Account Trustee will not be subject to any liability whatsoever, in tort, contract or otherwise in connection with the Trust Property or the carrying out of its duties under this Insurance Trust Agreement to the Agent, the Senior Lenders, the Authority, Project Co or any other person for any action taken or permitted by it to be taken, or for its failure to take any action, or for not performing any act or fulfilling any duty, obligation or responsibility hereunder by reason of any occurrence beyond the control of the Account Trustee (including, but not limited to, any act or provision of any present or future law or of any Governmental Authority, any act of God or war, or the unavailability of any wire or communication facility), provided that the foregoing limitation will not apply in respect of

any action or failure to act arising from or in connection with wilful misconduct, negligence or reckless disregard of duty by the Account Trustee. The Account Trustee in doing anything or permitting anything to be done in respect of the Trust Property or the carrying out of its duties under this Insurance Trust Agreement is, and will be conclusively deemed to be, acting as trustee for the beneficiaries hereunder and not in any other capacity. Except to the extent provided in this Section 7(c), the Account Trustee will not be subject to any liability for debts, liabilities, obligations, claims, demands, judgments, costs, charges or expenses against or with respect to the Trust Property, arising out of anything done or permitted by it to be done or its failure to take any action in respect of the execution of its duties hereunder and resort will be had solely to the Trust Property for the payment or performance thereof, and no other property or assets of the Account Trustee, whether owned in its personal capacity or otherwise, will be subject to levy, execution or other enforcement procedure with regard to any obligation under this Insurance Trust Agreement.

- (d) The Account Trustee shall not be required to expend or risk its own funds or otherwise incur financial liability in the performance of any of its duties hereunder, or in the exercise of any of its rights or powers hereunder, or in acting at the request or direction of the Agent on behalf of the Senior Lenders or of the Authority or of Project Co, unless it shall have received adequate indemnity or security against such risk or liability satisfactory to it.
- (e) Notwithstanding the foregoing, the Account Trustee shall be liable for any action or failure to act arising from or in connection with the dishonesty, fraud, negligence (including, without limitation, negligence in the handling of funds), wilful misconduct, bad faith or reckless disregard of any duty hereunder by the Account Trustee or any of its directors, officers or employees, or the failure to comply with the standard of care referred to in Section 7(b).
- (f) Except as otherwise provided in Sections 7(c), 7(d) and 7(e):
 - (i) the Account Trustee may rely and shall be protected in acting or refraining from acting upon any signature, resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order or other paper or document reasonably believed by it in good faith to be genuine and to have been signed or presented by the proper party or parties; and
 - (ii) the Account Trustee may exercise its powers and perform its duties by or through such attorneys, representatives, agents and employees as it shall appoint; and may consult with counsel, accountants and other skilled persons selected and employed or retained by it, and the Account Trustee shall not be liable for anything done, suffered or omitted in good faith by it in accordance with the written advice of such counsel, accountants or other skilled persons (provided that such advice pertains to such matters as the Account Trustee may reasonably presume to be within the scope of such person's area of competency) and not contrary to any express provision in this Insurance Trust Agreement.
- (g) Project Co hereby agrees to pay, indemnify and hold harmless the Account Trustee from and against any and all loss, liability, cost, claim and expense incurred by the Account Trustee with respect to the performance of this Insurance Trust Agreement by the Account Trustee or any of the Account Trustee's directors, officers or employees, unless arising from its or their own dishonesty, fraud, negligence (including, without limitation, negligence in the handling of funds), wilful misconduct, bad faith or reckless disregard of any duty hereunder.

- (h) Subject to the terms and conditions set forth in the Account Trustee fee letter, the Account Trustee shall receive from the Trust Property reasonable compensation for its services hereunder and shall be reimbursed by Project Co for its reasonable fees and expenses (including the disbursements and reasonable fees of counsel).
- (i) The Account Trustee agrees to look solely to Project Co, and not, except as expressly set forth herein, to the Agent, the Senior Lenders or the Authority for any claim for indemnification which may arise under this Insurance Trust Agreement.
- (j) The Account Trustee shall be responsible for keeping all appropriate books and records relating to the receipt and disbursement of all money which it receives hereunder.
- (k) If at any time the Account Trustee is served with any judicial or administrative order, judgment, decree, writ or other form of judicial or administrative process which in any way affects the Trust Property held by it hereunder (including, but not limited to, orders of attachment or garnishment or other forms of levies or injunctions or stays relating to the transfer of Trust Property) (each, an “**Order**”), the Account Trustee is authorized to comply therewith in any manner as it or legal counsel of its own choosing deems appropriate. The Account Trustee shall in no way be bound to call for further evidence (whether as to due execution validity or effectiveness, or the jurisdiction of any court, or as to the truth of any fact), and shall not be responsible for any loss that may be occasioned by its failing to do so. If the Account Trustee complies with any Order, the Account Trustee shall not be liable to any of the parties hereto or to any other person or entity even though such Order may be subsequently modified or vacated or otherwise determined to have been without legal force or effect. If the Account Trustee is served with any Order, it shall forthwith and, in any event, within three (3) Business Days, deliver a copy of such Order to each of the Agent, the Authority and Project Co.
- (l) Unless otherwise specifically set forth herein, the Account Trustee shall proceed as soon as practicable to collect any cheques or other collection items at any time deposited hereunder. All such collections shall be subject to the Account Trustee’s usual collection practices or terms regarding items received by the Account Trustee for deposit or collection. Except and to the extent provided herein, the Account Trustee shall not be required, or have any duty, to notify any person of any payment or maturity under the terms of any instrument deposited hereunder, nor to take any legal action to enforce payment of any cheque, note or security deposited hereunder, or to exercise any right or privilege which may be afforded to the holder of any such security.
- (m) In the event that the Account Trustee determines that any direction, instruction, notice or other communication given under this Insurance Trust Agreement by the Agent or, where the Account Trustee has received a Change of Authorization Notice, the Authority, is ambiguous or uncertain, the Account Trustee may, in its sole discretion, refrain from taking any action other than retaining possession of the Trust Property, unless the Account Trustee has received written instructions, signed by the Agent or, if the Account Trustee has received a Change of Authorization Notice, the Authority, which resolve such ambiguity or uncertainty, provided that the Account Trustee shall, forthwith upon determining that such direction, instruction, notice or other communication is ambiguous or uncertain, seek clarification from the Agent, or where the Account Trustee has received a Change of Authorization Notice, the Authority, to resolve such ambiguity or uncertainty.
- (n) Prior to receipt of a Change of Authorization Notice by the Account Trustee, any instruction, notice or other communication delivered to the Account Trustee by the Agent shall be paramount to and supersede any direction, instruction, notice or other communication from any other party to this Insurance Trust Agreement, and the Account

Trustee shall comply with such direction, instruction, notice or other communication from the Agent. After the Account Trustee has received a Change of Authorization Notice, any instruction, notice or other communication delivered to the Account Trustee by the Authority shall be paramount to and supersede any direction, instruction, notice or other communication from any other party to this Insurance Trust Agreement, and the Account Trustee shall comply with such direction, instruction, notice or other communication from the Authority.

- (o) Each of the Agent and the Authority shall provide to the Account Trustee an incumbency certificate setting out the names and sample signatures of individuals authorized to give instructions to the Account Trustee hereunder. The Account Trustee shall be entitled to rely on each such incumbency certificate until a revised or replacement incumbency certificate is provided to the Account Trustee by the Agent or the Authority, as applicable. The Account Trustee shall refuse to act upon any instruction given by the Agent or the Authority which is signed by any person other than an individual named in the incumbency certificate provided to the Account Trustee by the Agent or the Authority, as applicable, pursuant to this Section 7(o), as any such incumbency certificate may be amended, supplemented or replaced from time to time.
- (p) The Account Trustee shall be entitled to rely on, and act upon, any direction, instruction, notice or other communication provided to it hereunder which is sent to it by facsimile transmission, provided that any such direction, instruction, notice or other communication is signed by an individual named in the incumbency certificate delivered to the Account Trustee by the Agent or the Authority, as applicable, pursuant to Section 7(o).
- (q) The Account Trustee shall retain the right not to act and shall not be liable for refusing to act if, due to a lack of information or for any other reason whatsoever, the Account Trustee, in its sole judgment, determines that such act might cause it to be in non-compliance with any applicable anti-money laundering or anti-terrorist legislation, regulation or guideline. Further, should the Account Trustee, in its sole judgment, determine at any time that its acting under this Insurance Trust Agreement has resulted in its being in non-compliance with any applicable anti-money laundering or anti-terrorist legislation, regulation or guideline, then it shall have the right to resign on 10 days' written notice to Project Co and the Authority, or any shorter period of time as agreed to by Project Co and the Authority, notwithstanding the provisions of Section 7(a) of this Insurance Trust Agreement, provided that (i) the Account Trustee's written notice shall describe the circumstances of such non-compliance; and (ii) if such circumstances are rectified to the Account Trustee's satisfaction within such 10 day period, then such resignation shall not be effective.

8. AGENT AND AUTHORITY RIGHTS TO DIRECT

- (a) Until the termination of the Project Agreement in accordance with the Lenders' Remedies Agreement and receipt by Project Co of any amounts to which it is entitled pursuant to Schedule 9 [Compensation on Termination] to the Project Agreement and all Insurance Proceeds to the extent that the value of such Insurance Proceeds was deducted from the amounts payable to Project Co by the Authority (a "**Change of Authorization Event**"), the Agent shall, subject to Sections 3 and 5 of this Insurance Trust Agreement, have the exclusive right to direct the Account Trustee with respect to the Insurance Trust Account, the Insurance Policies and the Insurance Proceeds.
- (b) Upon the occurrence of a Change of Authorization Event:

- (i) the Agent shall cease to be entitled, and the Authority shall thenceforth be entitled, to direct the Account Trustee with respect to the Insurance Trust Account, the Insurance Policies and the Insurance Proceeds; and
 - (ii) the Agent and the Authority shall jointly provide notice to the Account Trustee (a **"Change of Authorization Notice"**) that the Authority shall, as of the date of such Change of Authorization Event, have the exclusive right to direct the Account Trustee with respect to the Insurance Trust Account, the Insurance Policies and the Insurance Proceeds.
- (c) Notwithstanding the foregoing, no Change of Authorization Event shall occur and no Change of Authorization Notice shall be delivered to the Account Trustee where an Authority Event of Default has occurred. Where an Authority Event of Default has occurred, upon receipt by the Agent and Senior Lenders of all amounts owing by the Authority to the Agent and Senior Lenders under the Lenders' Remedies Agreement, the Account Trustee shall release all amounts in the Insurance Trust Account, the Insurance Policies and the Insurance Proceeds to Project Co or as Project Co may otherwise direct from time to time.

9. TERMINATION

- (a) Subject to the provisions of Section 9(b), this Insurance Trust Agreement shall remain in full force and effect and be binding in accordance with and to the extent of its terms until:
 - (i) the obligations of Project Co to the Agent and the Senior Lenders under the Senior Financing Agreements have been paid and performed in full and the Senior Lenders have no further obligation to make any further advances or other credit accommodations under the Senior Financing Agreements; and
 - (ii) the obligations of Project Co to the Authority have been paid and performed in full.
- (b) The Account Trustee may terminate this Insurance Trust Agreement at any time upon 60 days prior written notice to the other parties hereto, provided that no termination of this Insurance Trust Agreement by the Account Trustee shall be effective until such time as the Agent, the Authority, and Project Co have entered into a replacement Insurance Trust Agreement on the same terms and conditions as this Insurance Trust Agreement with a replacement account trustee satisfactory to the Agent, the Senior Lenders and the Authority.

10. ASSIGNMENT

The Account Trustee shall not assign, transfer or otherwise dispose of any of its rights or obligations under this Insurance Trust Agreement without the prior written consent of the Agent, the Authority and Project Co.

11. AUTHORITY DESIGNATE

At any time and from time to time, the Authority may designate any ministry, branch, agency, division, department or office of the Government of the Northwest Territories to carry out administrative responsibility for the rights and obligations of the Authority under this Insurance Trust Agreement and Project Co, the Account Trustee and Agent may deal exclusively with the designated person in respect of all such matters and each of them is entitled to rely on the actions, directions, requests, notices, consents, approvals, waivers, comments relating to the review of documentation and other administrative matters and decisions determined by such

designated person from time to time, until the Authority has notified Project Co, the Account Trustee and the Agent in writing that such designated person is no longer the person designated by the Authority hereunder and such notice shall have effect on the later of the date of delivery of such notice and the date specified in the written notice. The Authority shall advise Project Co, the Account Trustee and the Agent in writing of any designation hereunder. The rights and obligations of the parties to this Insurance Trust Agreement shall be in no way affected by reason of any such designation. Project Co, the Account Trustee and the Agent acknowledge the right of the Authority to delegate administrative responsibilities hereunder as set forth in this Section 11.

12. NOTICES

Any notice or communication required or permitted to be given under this Insurance Trust Agreement will be in writing and will be considered to have been sufficiently given if delivered by hand or transmitted by electronic transmission to the address or electronic mail address of each party set out below:

if to the Authority:

The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9

[Redacted]

if to the Agent:

Computershare Trust Company of Canada
100 University Avenue, 11th Floor
Toronto, ON M5J 2Y1

[Redacted]

if to Project Co:

Boreal Health Partnership
c/o Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6

[Redacted]

with copy to:

HOCHTIEF Boreal Health Partner Inc.
2 Bloor Street East, Suite 701
Toronto, ON M4W 1A8

[Redacted]

with copy to:

Bird Capital Limited Partnership
Suite 400, 5700 Explorer Drive
Mississauga, ON L4W 0C6

[Redacted]

with copy to:

[Redacted]

if to the Account Trustee:

Computershare Trust Company of Canada
100 University Avenue, 11th Floor
Toronto, ON M5J 2Y1

[Redacted]

or to such other address or electronic mail address as any party may, from time to time, designate in the manner set out above. Any such notice or communication will be considered to have been received:

- (a) if delivered by hand during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt by a responsible representative of the receiver, and if not delivered during business hours, upon the commencement of business hours on the next Business Day; and
- (b) if delivered by electronic mail during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt, and if not delivered during business hours, upon the commencement of business hours on the next Business Day provided that:
 - (i) the receiving party has, by electronic mail or by hand delivery, acknowledged to the notifying party that it has received such notice; or
 - (ii) within 24 hours after sending the notice, the notifying party has also delivered a copy of such notice to the receiving party by hand delivery.

13. AMENDMENTS

This Insurance Trust Agreement may not be varied, amended or supplemented except by an agreement in writing signed by duly authorized representatives of the parties and stating on its face that it is intended to be an amendment, restatement or other modification, as the case may be, to this Insurance Trust Agreement.

14. WAIVER

- (a) No waiver made or given by a party under or in connection with this Insurance Trust Agreement shall be binding or effective unless the waiver is in writing, signed by an

authorized representative of the Party giving such waiver, and delivered by such party to the other parties. No waiver made with respect to any right, power or remedy in one instance will be deemed to be a waiver with respect to any other instance involving the exercise of such right, power, or remedy or with respect to any other right, power, or remedy.

- (b) Failure by any party to exercise any of its rights, powers or remedies hereunder or its delay to do so shall not constitute a waiver of those rights, powers or remedies. The single or partial exercise of a right, power or remedy shall not prevent its subsequent exercise or the exercise of any other right, power or remedy.

15. RELATIONSHIP BETWEEN THE PARTIES

The parties are independent contractors. This Insurance Trust Agreement is not intended to and does not create or establish between the parties any relationship as partners, joint venturers, employer and employee, master and servant, or, except as provided in this Insurance Trust Agreement, of principal and agent.

16. ENTIRE AGREEMENT

Except where provided otherwise in this Insurance Trust Agreement, this Insurance Trust Agreement constitutes the entire agreement between the parties in connection with its subject matter and supersedes all prior representations, communications, negotiations and understandings, whether oral, written, express or implied, concerning the subject matter of this Insurance Trust Agreement.

17. ENUREMENT

This Insurance Trust Agreement shall enure to the benefit of, and be binding on, each of the parties and their respective successors and permitted transferees and assigns.

18. GOVERNING LAW AND ATTORNMENT

- (a) This Insurance Trust Agreement will be deemed to be made pursuant to the laws of the Northwest Territories and the laws of Canada applicable therein and will be governed by and construed in accordance with such laws.
- (b) For the purposes of any legal actions or proceedings brought by any party hereto against the other party, the parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Northwest Territories and acknowledge their competence and the convenience and propriety of the venue and agree to be bound by any judgment thereof and not to seek, and hereby waive, review of its merits by the courts of any other jurisdiction.

19. FURTHER ASSURANCE

Each party shall do all things, from time to time, and execute all reasonable further documents necessary to give full effect to this Insurance Trust Agreement.

20. LANGUAGE OF AGREEMENT

Each Party acknowledges having requested and being satisfied that this Insurance Trust Agreement and related documents be drawn in English. Chacune des parties reconnaît avoir demandé que ce document et ses annexes soient rédigés en anglais et s'en déclare satisfaite.

21. COUNTERPARTS

This Insurance Trust Agreement may be executed in one or more counterparts. Any single counterpart or a set of counterparts executed, in either case, by all the parties shall constitute a full, original and binding agreement for all purposes. Counterparts may be executed either in original or faxed form provided that any party providing its signature in faxed form shall promptly forward to such party an original signed copy of this Insurance Trust Agreement which was so faxed.

[signature pages to follow]

IN WITNESS WHEREOF the parties have executed this Insurance Trust Agreement as of the date and year first above written.

**THE GOVERNMENT OF THE NORTHWEST
TERRITORIES**

By:

Authorized Signatory

**COMPUTERSHARE TRUST COMPANY OF CANADA,
as Agent**

By:

Authorized Signatory

**COMPUTERSHARE TRUST COMPANY OF CANADA,
as Account Trustee**

By:

Authorized Signatory

BOREAL HEALTH PARTNERSHIP, by its general partners:

CARILLION BHP (STH) GP HOLDINGS INC.,

by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

BIRD CAPITAL (STH) GP HOLDINGS INC.,

by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

HOCHTIEF BOREAL HEALTH PARTNER INC.,

by its authorized signatory:

Per: _____
Name:
Title:

SCHEDULE 6

CHANGES, MINOR WORKS AND INNOVATION PROPOSALS

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SCHEDULE 6

CHANGES, MINOR WORKS AND INNOVATION PROPOSALS

1. INTERPRETATION

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 of this Agreement:

“Change” means a Facility Change or a Services Change as the context requires;

“Change Certificate” means a certificate issued by the Authority describing and authorizing a Change, the value or method of valuation of the Change, and in the case of a Facility Change occurring prior to the Service Commencement Date the adjustment, if any, to the Project Schedule (including the Target Service Commencement Date);

“Change Directive” means a written instruction which is issued on a form designated as a “Change Directive Form” and signed by the Authority’s Representative directing Project Co to immediately proceed with a Change, pending the finalization and issuance of a Change Certificate for that Change;

“Change Mark-Up” has the meaning set out in Section 2.10 of this Schedule;

“Change Report” means a written report prepared by Project Co in response to a Preliminary Change Instruction, containing the information described in Section 2.6 of this Schedule;

“Change Report Costs” has the meaning set out in Section 2.5(b)(3)(A) of this Schedule;

“Development Change” has the meaning set out in Section 6.1 of this Schedule;

“Development Change Record” has the meaning set out in Section 6.2 of this Schedule;

“Development Change Record Confirmation” has the meaning set out in Section 6.3 of this Schedule;

“Development Change Register” has the meaning set out in Section 6.6 of this Schedule;

“Facility Change” means a change, including an addition, deletion, alteration, substitution or otherwise, to Project Co’s Design, Construction or Initial Remediation Work obligations under this Agreement, or a Renovation;

“Innovation Proposal” has the meaning set out in Section 4.1 of this Schedule;

“Minor Works” means a Change that is requested by the Authority at any time after the Service Commencement Date with a value that does not exceed ██████████, Index Linked, unless otherwise agreed by the Authority;

“Minor Works Rates” has the meaning set out in Section 3.1 of this Schedule;

“Net Change Value” has the meaning set out in Section 2.9 of this Schedule;

Schedule 6 - Changes, Minor Works and Innovation Proposals
Stanton Territorial Hospital Project Agreement – Execution Version

“**Preliminary Change Instruction**” has the meaning set out in Section 2.3 of this Schedule;

“**Preliminary Estimate**” has the meaning set out in Section 2.5(b)(1) of this Schedule; and

“**Services Change**” means a change, including an addition, deletion, alteration, substitution or otherwise, to Project Co’s Services obligations under this Agreement.

2. CHANGES

2.1 Changes Required by Authority

The Authority may at any time during the Term, without invalidating this Agreement, require Changes in accordance with this Schedule 6. Except to the extent that a Change Certificate expressly requires otherwise, Project Co will implement a Change in accordance with all the terms of this Agreement, including Schedule 2 [Design and Construction Protocols], Schedule 3 [Design and Construction and Specifications] and Schedule 4 [Service Protocols and Specifications].

2.2 No Entitlement to Perform a Change

Without prejudice to Project Co’s rights under this Agreement, including Section 8.3 (Project Co’s Entitlements Upon Occurrence of a Compensation Event), the Authority may at any time after giving notice to Project Co, perform, or engage any person to perform, any work on the Lands or the Existing Hospital Lands or in the Existing Hospital or the Facility that is not included in Project Co’s obligations under this Agreement. None of Project Co, the Project Contractors or the Sub-Contractors will have any right or entitlement to perform any such work. Project Co may submit a proposal to the Authority for the performance of such work, but nothing in this Agreement will obligate the Authority to consider or accept such proposal.

2.3 Preliminary Change Instruction

The Authority may at any time during the Term issue to Project Co an instruction (a “**Preliminary Change Instruction**”) describing a potential Facility Change or Services Change that the Authority is considering. A Preliminary Change Instruction will include sufficient description of the contemplated Change, including any requirements under Section 2.12(b) of this Schedule to permit Project Co to prepare a Change Report.

2.4 Restrictions on Changes

The Authority will not at any time during the Term require, and Project Co may refuse to implement, a Change (including Minor Works):

- (a) which would be contrary to Law;
- (b) which would render the insurance policies required under this Agreement void or voidable and the Authority does not agree to provide replacement security satisfactory to Project Co acting reasonably;

- (c) which would cause the revocation of any Permit required by Project Co to perform its obligations under this Agreement, and such Permit would not, using reasonable efforts, be capable of amendment or renewal;
- (d) which would require a new Permit for Project Co to perform its obligations under this Agreement, which Permit would not, using reasonable efforts by Project Co or the Authority, as applicable, be obtainable;
- (e) which would cause Project Co to be unable to obtain a Permit required by Project Co to perform its obligations under this Agreement, provided that such Permit was previously required but at the time of the Preliminary Change Instruction had not been obtained and such Permit would not, using reasonable efforts by Project Co or the Authority, as applicable, be obtainable;
- (f) which would:
 - (1) in combination with prior Changes (or Minor Works), have an aggregate value equal to or greater than █████ of the total capital cost of the Project; and
 - (2) materially and adversely affect the risk allocation and payment regime under this Agreement with respect to Design, Construction, Initial Remediation Work or Services; or
- (g) for which:
 - (1) Project Co has used commercially reasonable efforts to obtain financing;
 - (2) Project Co has been unable to obtain financing on terms acceptable to Project Co and the Authority, each acting reasonably; and
 - (3) the Authority has indicated that it will not provide funding in advance of the execution of the Change.

If Project Co, acting reasonably, determines that a Change is unacceptable because it contravenes one or more of the above, then Project Co will promptly give notice to the Authority of its objection, with written reasons. If the Authority disagrees then it may deliver a Dispute Notice to Project Co, and the parties will cooperate to have the issue resolved in a timely manner pursuant to the Dispute Resolution Procedure.

2.5 Delivery of Change Report

Subject to Section 2.4 of this Schedule:

- (a) as soon as practicable and in any event, to the extent reasonably possible, within 15 Business Days after receipt of a Preliminary Change Instruction, or such other period as the parties agree acting reasonably, Project Co will at its cost prepare and deliver to the Authority a Change Report, signed by Project Co's Representative, for the contemplated Change described in the Preliminary Change Instruction; or

- (b) notwithstanding Section 2.5(a) of this Schedule if the Net Change Value of the contemplated Change (comprised of a Facility Change or a Services Change or both) is likely to be more than ██████████, Index Linked, then:
- (1) Project Co may, at its election within 5 Business Days after receipt of the Preliminary Change Instruction for such contemplated Change give notice to the Authority that it intends to first prepare and deliver a preliminary estimate (the “**Preliminary Estimate**”) of the net cost of the contemplated Change;
 - (2) if Project Co has given notice as described in Section 2.5(b)(1) then within 10 Business Days after provision of such notice Project Co will at its cost prepare and deliver to the Authority an order of magnitude estimate of the net cost of the contemplated Change, and the Authority may give notice to Project Co to proceed with Section 2.5(b)(3), or alternatively, to proceed with the preparation of the Change Report for the contemplated Change and Project Co will prepare and deliver the Change Report as soon as practicable and in any event, to the extent reasonably possible, within 15 Business Days after receipt of such notice, or such longer period as the parties agree acting reasonably;
 - (3) if the Authority has given notice as described in Section 2.5(b)(2) to proceed with this Section then within 10 Business Days after receipt of such notice Project Co will at its cost prepare and deliver to the Authority:
 - (A) a reasonable estimate of costs if any (the “**Change Report Costs**”) that Project Co would incur to retain third parties (such as design consultants and construction managers) that Project Co would require to prepare the Change Report, including any incremental costs incurred under management service contracts held by Project Co, but excluding the costs of Project Co’s own staff and employees, and the staff and employees of a Project Contractor, or any of their Affiliates who are normally part of the general management, administration, and supervision of the Design, Construction or Services; and
 - (B) a Preliminary Estimate of the contemplated Change, in sufficient detail and accuracy to permit the Authority to make an informed decision as to whether to proceed with the contemplated Change, including as appropriate:
 - (i) preliminary cost estimates of the main elements of the contemplated Change;
 - (ii) a preliminary implementation schedule and work plan for the implementation of the contemplated Change; and

- (iii) a description of the impact of the contemplated Change on the Facility and/or the Existing Hospital (if applicable) during implementation or in the use of the Facility; and
- (4) the Authority may within 10 Business Days following receipt of the Preliminary Estimate, or at any time if Project Co fails to comply with the time requirements set out in this Section 2.5(b), give notice to Project Co to proceed with the preparation of the Change Report for the contemplated Change and Project Co will prepare and deliver the Change Report as soon as practicable and in any event, to the extent reasonably possible, within 15 Business Days after receipt of such notice, or such longer period as the parties agree acting reasonably.

If Project Co prepares a Change Report pursuant to Section 2.5(b)(4) of this Schedule, and the Authority elects not to proceed with the contemplated Change, then the Authority will pay Project Co's substantiated Change Report Costs.

2.6 Change Report Contents

A Change Report will include:

- (a) if and to the extent a contemplated Change is a Facility Change:
 - (1) a description of the scope of the contemplated Change with respect to Design, Construction and Initial Remediation Work;
 - (2) a comparison of the scope of Design, Construction and Initial Remediation Work as a result of the contemplated Change as compared to the scope prior to the Change;
 - (3) subject to Section 2.11 of this Schedule, a description of any adjustments to the Project Schedule, including the Target Service Commencement Date, which Project Co will require as a result of the implementation of the contemplated Change (including details of any corresponding adjustments required by any Project Contractor or any Sub-Contractors) and any compensation required under Section 2.9(d) of this Schedule; and
 - (4) a description of any impact of the contemplated Change on the performance of the Services;
- (b) if and to the extent a contemplated Change is a Services Change:
 - (1) a description of the scope of the contemplated Change with respect to Services; and
 - (2) a comparison of the scope of Services as a result of the contemplated Change as compared to the scope prior to the Change; and

- (c) for all contemplated Changes (in addition to the requirements of Section 2.6(a) or 2.6(b) of this Schedule, as applicable):
- (1) an estimate of all costs, if any, reasonably necessary for and directly associated with the contemplated Change, including the following (which will be shown separately if requested by the Authority), as applicable:
 - (A) all Design costs (based on the estimated number of hours reasonably required to perform any additional Design);
 - (B) all Construction and Initial Remediation Work labour, material and equipment costs, supported as the case may be by quotations from the applicable Project Contractor and Sub-Contractors;
 - (C) all Services labour, material and equipment costs, supported as the case may be by quotations from the applicable Project Contractor and Sub-Contractors;
 - (D) all additional costs of site management, including supervision of trade foremen, site overheads and site establishment including, without duplication, any costs related to Project Co's management and oversight of the Project that should reasonably be included in the contemplated Change;
 - (E) all costs of relevant Permits, including an amendment or renewal of a Permit, a new Permit or a Permit that is in the course of being obtained;
 - (F) all costs associated with services provided by professional advisors;
 - (G) all financing costs;
 - (H) if and to the extent a contemplated Change is a Facility Change that also materially affects the cost of the Services, all changes to the cost of the Services;
 - (I) if and to the extent a contemplated Change is a Services Change that requires a material change to the Facility, all changes to the cost of the Facility; and
 - (J) if and to the extent a contemplated Change has an impact adverse to Project Co in respect of the Design and Construction Energy Target, costs associated with such adverse impact unless and to the extent the Change itself provides for relief from such impact through an adjustment to the target;
 - (2) an estimate of the cost savings, if any, resulting from the contemplated Change;

- (3) any proposal(s) as to how the contemplated Change could be accomplished at no net cost;
- (4) a description of any changes to the Senior Financing Agreements that would be required to reflect a change in the risk profile of the Project arising from the contemplated Change;
- (5) a description of any changes to the Service Payments that are required to reflect the costs and cost savings referred to in Sections 2.6(c)(1) and 2.6(c)(2) above;
- (6) identification of any amounts payable by the Authority to Project Co, if any, other than the Service Payments;
- (7) Project Co's proposal as to how any increased costs to Project Co resulting from the contemplated Change might be funded;
- (8) the value of the loss or reduction of benefits resulting from the contemplated Change;
- (9) a description of any additional consents or approvals required, including amendments, if any, of any Permits required to implement the contemplated Change;
- (10) a description of any impact on the obligations of Project Co under any Material Contracts;
- (11) a description of the extent to which the contemplated Change would interfere with Project Co's ability to comply with any of its obligations under this Agreement, the Material Contracts, any Sub-Contracts and any Permits;
- (12) the name of the Sub-Contractor(s) (if any) which Project Co intends to engage for the purposes of implementing the contemplated Change together with a description of the qualifications of any such Sub-Contractor(s) so as to demonstrate the ability of such Sub-Contractor(s) to implement the contemplated Change;
- (13) a description of any further effects (including benefits and impairments) which, Project Co foresees as being likely to result from the contemplated Change;
- (14) a description of any actions that would be reasonably required by the Authority to implement the contemplated Change;
- (15) a description of the steps Project Co will take to implement the contemplated Change, in such detail as is reasonable and appropriate in all the circumstances; and

- (16) a description of any impact on expected usage of utilities for the current Contract Year and subsequent Contract Years.

The cost of the correction of a Defect or Deficiency will not be included in the valuation of a Change.

All of the costs described in this Section 2.6 will be provided in current applicable dollar amounts. If a Change is implemented based on such cost estimates, equivalent dollar amounts as at the Base Date will be calculated for the purposes of indexation.

2.7 Justification and Supporting Documentation for Contemplated Change Estimates

The cost estimates included in a Change Report will be in sufficient detail to allow evaluation by the Authority and will include such supporting information and justification as is necessary to demonstrate that:

- (a) Project Co has used all reasonable efforts, including utilizing competitive quotes or tenders, to minimize the cost of a contemplated Change and maximize potential related cost savings;
- (b) Project Co and its Project Contractors and Sub-Contractors have valued the Change as described in Section 2.8 of this Schedule, and have not included other margins or mark-ups;
- (c) the full amount of any and all expenditures that have been reduced or avoided (including any Capital Expenditure) have been fully taken into account; and
- (d) Project Co has mitigated or will mitigate the impact of the contemplated Change, including on the Project Schedule, the performance of the Services, the expected usage of utilities, and the direct costs to be incurred.

2.8 Valuation of and Payment for Changes

The value and method of valuation of a Change will be as agreed by the parties and failing agreement will be the net cost (or saving) of implementing the Change, calculated in accordance with Section 2.9(a) of this Schedule (and for greater certainty a Change may have a net cost, or a net saving, or may result in no net cost or saving), and:

- (a) if a Change has a net cost (a positive Net Change Value), the Authority will pay Project Co the Net Change Value plus the Change Mark-Up and any amounts due under Section 2.9(d) of this Schedule; and
- (b) if a Change has a net cost savings (a negative Net Change Value), then Project Co will pay the Authority the Net Change Value.

2.9 Net Change Value

- (a) The value of a Change (the “**Net Change Value**”) is the aggregate of the direct incremental costs (minus the aggregate cost savings) reasonably incurred to implement the Change, supported by invoices, purchase orders, time sheets and other customary industry documentation, as follows:
- (1) Design: the direct incremental costs (or cost savings) of any Design incurred (or saved) by the entity that retains the design personnel, based on the additional (or decreased) number of design consultant’s hours required to undertake the Change;
 - (2) Construction Labour: the direct incremental costs incurred (or cost savings) by the entity that engages the construction labour, based on the additional (or decreased) number of labour and direct labour-supervision hours required to undertake the Change (including allowance for all payroll burdens such as overtime premiums (when paid), vacation pay, pensions, statutory payments, workers’ compensation insurance, union dues, tool money, medical insurance, and any other payments directly paid in the ordinary course, and including any severance and termination costs directly resulting from the Change);
 - (3) Materials and Equipment: the direct incremental costs incurred (or cost savings) by the entity that procures the materials, consumables and equipment, for the supply and delivery of such materials, consumables and equipment (including the cost of any associated testing, commissioning, spare parts, manuals and software, and including any related design and engineering), except that any changes to the Authority’s cost of purchasing Equipment will not be included in the calculation of Net Change Value;
 - (4) Procurement Cost: the direct incremental costs incurred (or cost savings) by the procuring entity to obtain and evaluate tenders and award a contract for work required for the Change that is to be tendered under Section 2.9(c) or Section 2.12(b) of this Schedule, and the supervision and management of such contract;
 - (5) Services: the direct incremental costs incurred (or cost savings) by the entity that retains the Services personnel, based on the number of personnel hours required to undertake the Change; and
 - (6) Miscellaneous: all other additional direct costs (or cost savings) pertaining to the Change, including wastage, disposal, insurance, bonding, financing and Permits calculated at the direct cost to the entity that directly incurs such costs;

all without addition of any mark-ups except as otherwise expressly provided for in this Section 2;

- (b) the rates and charges applied in Section 2.9(a) above will be no greater than the market rates, prevailing at the time of the implementation of the Change, paid between arm's length contracting parties;
- (c) unless otherwise agreed by the Authority, Project Co will obtain competitive quotations or tenders for all work, equipment and materials required to implement a Change;
- (d) subject to Section 2.11 of this Schedule, if a Change causes a delay in the Target Service Commencement Date and if Project Co is entitled to an equitable adjustment of the Project Schedule (including the Target Service Commencement Date) as a result of a Change, the cost of the Change will include an amount calculated on the basis that Project Co will be placed in no better or worse position than it would have been in had the Change and the delay in the Target Service Commencement Date not occurred and taking into consideration the following (without duplication):
 - (1) any net increase or decrease in the costs of Project Co performing its obligations under this Agreement resulting solely from the Change and the delay, including any increased financing costs caused by a reduction in the amortization schedule for the Senior Debt;
 - (2) the Service Payments that would have otherwise been payable to Project Co; and
 - (3) no amount will be payable for Avoidable Costs or Indirect Losses.

For greater certainty, Project Co will not be entitled to any amount under this Section if the Change does not cause a delay in the Target Service Commencement Date, including in circumstances where Project Co has updated the Target Service Commencement Date without obtaining the Authority's consent where required by Section 10.2 of Schedule 2 [Design and Construction Protocols]; and

- (e) no amount will be payable to Senior Lenders in connection with the consent to any Change unless consent is required under the Senior Financing Agreements and the amount payable is reasonable.

2.10 Mark-Up on Changes

If a Change has a positive Net Change Value, the Authority will pay a mark-up on the Net Change Value determined in accordance with this Section 2 (the "**Change Mark-Up**") to cover all indirect, head office and other costs and profit:

- (a) if the Net Change Value is less than or equal to [REDACTED] (and is not Minor Works), the Change Mark-Up will be [REDACTED] of the Net Change Value;
- (b) if the Net Change Value is more than [REDACTED] and less than or equal to [REDACTED], the Change Mark-Up will be [REDACTED] of the Net Change Value; or

- (c) if the Net Change Value is more than ██████████, the Change Mark-Up will be ██████ of the Net Change Value.

2.11 Effect on the Project Schedule or Delays to Services

Project Co will use all reasonable efforts, as described in Section 2.9 of this Agreement (General Duty of Project Co to Mitigate), to minimize the effect of a Change on the Project Schedule (including the Target Service Commencement Date) and the performance of the Services and subject to the foregoing, Project Co will be entitled to an equitable adjustment of the Project Schedule (including the Target Service Commencement Date) and the requirements for performance of the Services as a result of the Change. Without limiting the generality of the foregoing, the implementation of a Change, to the extent Project Co has identified the effect on the Services and such effect has been documented in a Change Certificate, but without duplication of relief that may be provided in a Change Certificate, will constitute an Excusing Event.

2.12 Agreement on a Change

Following receipt by the Authority of a Change Report prepared in accordance with Section 2.6 of this Schedule:

- (a) as soon as practicable, and in any event within 15 Business Days after the Authority receives a Change Report, or such longer period as the parties agree acting reasonably, the Authority will deliver to Project Co any requests for clarifications or amendments, and the parties' Representatives will meet and use all reasonable efforts to agree to the Change Report, including the costs, payments (including payment of direct costs and adjustments to Service Payments, if any) and other information contained in the Change Report;
- (b) if the Authority is required by applicable Law or Governmental Authority to require Project Co to competitively tender any contract in relation to a contemplated Change, Project Co will seek and evaluate competitive tenders for the proposed Change;
- (c) the Authority may in writing modify a Preliminary Change Instruction at any time prior to the parties reaching an agreement on the Change Report for any matter relating to the Change Report or arising from the discussions in relation thereto, in which case Project Co will, as soon as practicable and in any event not more than 10 Business Days after receipt of such modification (or such longer period as the parties may agree acting reasonably), notify the Authority of any consequential changes to the Change Report.

2.13 Change Certificate

A Change will come into effect by the Authority issuing to Project Co a Change Certificate signed by the Authority's Representative. If the parties have agreed on the Change Report without amendment, it is sufficient for the Change Certificate to be signed by the Authority's Representative. Subject to Section 2.14, if the Change Report requires amendment the Change Certificate comes into effect when signed by the Authority's Representative and Project Co's Representative. Subject to Section 2.16,

Project Co will not proceed with a Change prior to receiving a signed Change Certificate from the Authority. A Change Certificate issued in accordance with this Section 2.13 will be binding upon the Authority and Project Co. Subject to Section 2.4 and Section 2.14(b) of this Schedule, upon receipt of a Change Certificate Project Co will implement the Change, without prejudice to Project Co's right to refer any question of valuation of the Change to the Dispute Resolution Procedure.

2.14 Disagreement on Change Report

If the parties do not agree on a Change Report, then the Authority may:

- (a) except in connection with a Change required pursuant to Section 2.15 of this Schedule, elect not to proceed with the Change described in the Preliminary Change Instruction; or
- (b) issue a Change Certificate to Project Co stating the Authority's determination of the matters referred to in the Change Report, and if Project Co disagrees with all or any of the determinations set out in the Change Certificate, then Project Co may deliver to the Authority a Dispute Notice, and Project Co will, without prejudice to its rights with respect to such Dispute, use all reasonable efforts to implement the Change as directed in the Change Certificate.

The Change Certificate referred to in Section 2.14(b) is effective when signed by the Authority's Representative alone.

2.15 Changes in Other Circumstances

The Authority will issue a Preliminary Change Instruction in respect of:

- (a) an Authority decision regarding Facility reinstatement pursuant to Section 6.4(b) (Project Co's Obligations - Material Damage or Destruction); and
- (b) a deemed Change pursuant to Section 8.8(a) (Parties' Entitlements Upon Occurrence of a Change in Law).

2.16 Change Directive

Subject to Section 2.4 of this Schedule but notwithstanding any other provision of this Schedule, the Authority may at any time issue a Change Directive to Project Co, signed by the Authority's Representative, directing Project Co to proceed with a contemplated Change in which case the following will apply:

- (a) Project Co will proceed with the Change and the valuation and the time extensions and payment of any adjustments will be made as soon as reasonably possible after the implementation thereof in the same manner as a Change for which a Preliminary Change Instruction, Change Report and Change Certificate would be issued hereunder;
- (b) if Project Co has not previously done so, Project Co will within 20 Business Days after the issuance of the Change Directive provide a Change Report in accordance with the

requirements of this Schedule for a Change Report and Section 2.12(a) of this Schedule will apply;

- (c) pending a final determination as to any time extensions or valuation and payment of any adjustments for a Change or any other matters in the Change Report delivered by Project Co pursuant to Section 2.16(b) of this Schedule, the Authority will pay Project Co amounts reasonably demonstrated by Project Co in writing from time to time to be payable for the Change, including reimbursement of amounts that Project Co reasonably incurs with respect to the Change. The Authority will fund all Changes implemented by way of a Change Directive as provided for in Section 5.2 of this Schedule; and
- (d) if the parties agree on the Change Report, the Authority will issue a signed Change Certificate stating the Parties' agreed determination of the matters referred to in the Change Report. If the parties do not agree on a Change Report, then the Authority will issue a signed Change Certificate stating the Authority's determination of the matters referred to in the Change Report. If Project Co disagrees with all or any of the determinations set out in the Change Certificate, then Project Co may deliver to the Authority a Dispute Notice, and Project Co will, without prejudice to its rights with respect to such Dispute, continue to implement the Change as directed in the Change Directive.

The Authority may issue a Change Directive at any time in its discretion, including in the absence of a Preliminary Change Instruction, at any time following issuance of a Preliminary Change Instruction, if Project Co fails to provide a Change Report, if a Change Report or Change Certificate is not promptly agreed upon by the parties, or if there is a Dispute in relation to a Preliminary Change Instruction, Change Report or Change Certificate (including a Dispute as to whether there is a Change), but not if there is a Dispute as to whether Project Co is entitled to refuse to implement the Change under Section 2.4 of this Schedule.

2.17 Modification of Processes and Procedures

Nothing in this Schedule shall limit the ability of the parties to mutually, in writing, modify, simplify or waive some or all of the processes and procedures outlined in this Schedule in respect of Changes.

3. MINOR WORKS

3.1 Minor Works Rates

Rates for Minor Works will be established and applied as follows:

- (a) Not less than 45 Business Days before the anticipated Service Commencement Date, and not less than 20 Business Days before the commencement of each subsequent Contract Year, Project Co will submit to the Authority for review and approval by the Authority any amendments to the table of categories and hourly rates set out in Section 3.1(b) (the "**Minor Works Rates**") to be applied in respect of any request by the Authority for Minor Works to be completed during the next occurring Contract Year.

- (b) For reference purposes, the Minor Works Rates that would apply to the first Contract Year (if Minor Works Rates were to apply in that Contract Year), would be as follows:

Categories	Minor Works Rates
Internal Labour Category:	
Project Manager	██████
Operating Engineer	██████
External Labour Category:	
Electrician	██████
Plumber	██████
Painter	██████
Flooring Installation Technician	██████
Drywall Technician	██████
Controls Technician	██████
IT Technician	██████
Sprinkler Technician	██████
Carpenter	██████
Millworker	██████
Refrigeration Technician	██████
Windows/Doors/Hardware/Locksmith	██████

The Authority, acting reasonably, may identify amendments to the categories that may be required for Minor Works in the next applicable Contract Year. For greater certainty, the categories will apply to the Project Contractors and Sub-Contractors unless otherwise agreed by the Authority, and some of the above may be employees of a Project Contractor.

- (c) The Minor Works Rates will be based on the actual hourly cost that will be paid to the individual (including allowance for all payroll burdens such as overtime premiums (when paid), vacation pay, pensions, statutory payments, workers' compensation insurance, union dues, tool money, medical insurance, and any other payments directly paid in the ordinary course), and will include a mark up of ██████ to cover Project Co's head office

overhead and profit, except that the Minor Works Rates will not be greater than the prevailing market rates paid by arm's length contracting parties.

- (d) If the parties are unable to agree on the categories and Minor Works Rates as required under Section 3.1(a) of this Schedule then the cost of Minor Works will be valued as described in Section 3.5 of this Schedule.

3.2 Direction for Minor Works

The Authority may at any time following the Service Commencement Date require Project Co to perform Minor Works as follows:

- (a) within 10 Business Days of a request in writing for Minor Works, Project Co will at its own cost prepare and deliver to the Authority a written price estimate covering the full scope of the requested Minor Works, based on the applicable Minor Works Rates or, if and to the extent the Minor Works Rates are not applicable, at cost plus ■■■;
- (b) a Preliminary Change Instruction and a Change Report will not be required for Minor Works;
- (c) upon further written direction from the Authority, Project Co will in a timely manner carry out the Minor Works; and
- (d) the completed Minor Works will be a part of the completed Facility and accordingly, as required by this Agreement, and without further payment, except for an appropriate adjustment to the Service Payment to reflect the effect, if any, on the cost of the Services or the Life Cycle Requirements, Project Co will be responsible for any Defect or Deficiency, and for all Services and Life Cycle Requirements related to the completed Minor Works.

Project Co will not be entitled to charge the Authority for preparing a written price quote in accordance with Section 3.2(a) above.

3.3 Project Co to Minimize Inconvenience

Prior to commencing any Minor Works, Project Co will notify the Authority of the estimated duration of the Minor Works so that the Authority and Project Co can agree upon a convenient time for carrying out the Minor Works in a manner that minimizes and mitigates inconvenience and disruption to the use of the Facility and the Existing Hospital (if applicable). Project Co will use all reasonable efforts to minimize the duration of any Minor Works, and will schedule Minor Works as reasonably requested by the Authority, including doing works outside normal operating hours.

3.4 Payment for Minor Works

Project Co will as of the end of a calendar month invoice the Authority monthly for Minor Works completed in the calendar month, supported by appropriate invoices and work records, and the Authority will pay

Project Co by the later of the 20th day of the next calendar month, or 30 calendar days following receipt of the invoice, for Minor Works performed in the previous calendar month.

3.5 Minor Works Disputes

Any Dispute arising in connection with Minor Works, including the price to be paid for Minor Works and the annual determination of the Minor Works Rates, will be resolved in accordance with the Dispute Resolution Procedure.

4. INNOVATION PROPOSALS

4.1 Innovation and Value Engineering

Project Co may at any time during the Operating Period submit a proposal to the Authority (an “**Innovation Proposal**”) to implement modifications to the Facility and the Services, including through innovation or value engineering, for the purpose of achieving efficiencies and reducing the Service Payments or the overall cost to the Authority of the Facility and the Services or the Authority’s overall energy costs (including costs of energy related measures such as carbon taxes). Project Co must demonstrate to the Authority’s satisfaction that an Innovation Proposal:

- (a) is originated and initiated solely by Project Co (including by Project Co bearing all research and development costs) without the involvement of the Authority or its consultants; and
- (b) offers savings, innovation or efficiency that is not otherwise called for or provided by this Agreement.

4.2 Content of Innovation Proposal

An Innovation Proposal will:

- (a) set out all the information required in a Change Report as required under Section 2.6 of this Schedule, modified to apply to an Innovation Proposal;
- (b) specify Project Co’s reasons and justification for proposing the Innovation Proposal;
- (c) request the Authority to consult with Project Co with a view to the Authority deciding whether to agree to the Innovation Proposal and, if so, what consequential changes the Authority may require;
- (d) indicate any implications of the Innovation Proposal, including a difference between the existing and the proposed requirements of this Agreement, and the comparative advantages of each to Project Co and the Authority;
- (e) indicate whether a payment by the Authority in respect of direct costs or a variation to the Service Payments is proposed and, if so, give a detailed estimate of such proposed payment or variation;

- (f) indicate if there are any dates by which a decision by the Authority must be made; and
- (g) include such other information and documentation as may be reasonably requested by the Authority to fully evaluate and consider the Innovation Proposal.

4.3 Costs of Developing Innovation Proposal

Project Co may deliver to the Authority preliminary information with respect to a proposed Innovation Proposal, but unless the Authority, in its discretion, agrees to pay or share the costs of developing an Innovation Proposal, the costs of investigating a potential Innovation Proposal will be borne entirely by Project Co.

4.4 Evaluation of Innovation Proposal

The Authority will evaluate and give consideration to an Innovation Proposal taking into account all relevant issues, including whether:

- (a) a change in the Service Payments will occur;
- (b) the Innovation Proposal affects the quality or delivery of the Facility or the Services;
- (c) the Innovation Proposal lowers the Authority's overall energy costs (including costs of energy related measures such as carbon taxes);
- (d) the Innovation Proposal will interfere with the relationship of the Authority with any third parties;
- (e) the financial strength of Project Co is sufficient to deliver the changed Facility or changed Services, as applicable;
- (f) the residual value of the Facility is affected; and
- (g) the Innovation Proposal materially affects the risks or costs to which the Authority is exposed,

and any other matter the Authority considers relevant. The Authority may request clarification or additional information regarding the Innovation Proposal, and may request modifications to the Innovation Proposal.

4.5 Acceptance and Implementation of Innovation Proposal

Notwithstanding any potential cost savings of an Innovation Proposal, the Authority is under no obligation to accept an Innovation Proposal and may in its discretion elect not to implement an Innovation Proposal. An Innovation Proposal that is accepted by the Authority will be implemented as a Change and Project Co will not implement an Innovation Proposal prior to the issuance of a Change Certificate.

4.6 Sharing Benefits of an Innovation Proposal

If the Innovation Proposal causes or will cause the costs of Project Co or of a Project Contractor or Sub-Contractor to decrease, after taking into account the agreed implementation and reasonably allocated development costs (incurred by Project Co, a Project Contractor or a Sub-Contractor) of the Innovation Proposal (taking into account any other uses of the Innovation Proposal by Project Co), the net savings in the costs of Project Co and such Project Contractor or Sub-Contractor will be shared equally by Project Co and the Authority, and the Authority's share of the net savings will be reflected in a reduction of the Service Payments.

5. RESPONSIBILITY AND PAYMENT FOR CHANGES

5.1 Responsibility for Changes, Minor Works and Innovation Proposals

Except as specifically provided in this Agreement, the Authority will bear no risk or liability whatsoever arising from any Change, Minor Works or Innovation Proposal other than the liability to make payment in connection therewith. Notwithstanding the previous sentence, the Authority will pay to Project Co increased costs or any Direct Losses suffered by Project Co as a result of any particular design, materials, goods, workmanship or method of construction which the Authority specifies must be incorporated in a Change and which is subsequently shown to be defective (other than as a result of the default or negligence of Project Co or any Project Co Person), if:

- (a) Project Co objected in writing to the incorporation of such item prior to the issue of the relevant Change Certificate; and
- (b) such objection was rejected by the Authority.

5.2 Service Payments in Respect of Changes, Minor Works and Innovation Proposals

Payments between the parties and any adjustments to Service Payments in respect of Changes, Minor Works and Innovation Proposals will be made in accordance with any agreed basis for payment set out in the Change Certificate. The basis for payment may at the Authority's discretion include progress draws, milestone payments, lump sum payments, time and materials or maximum amounts. If no basis for payment is included in the Change Certificate, payment will be made in accordance with Section 10 (Lump Sum Payments and Service Payment Adjustments) of this Agreement.

If payments between the parties in respect of Changes, Minor Works and Innovation Proposals include an adjustment to payments (if any) during the Construction Period, Service Payments or otherwise require an update to the Financial Model, Project Co will expeditiously update and will provide such updated Financial Model to the Authority, all in accordance with Section 10 (Lump Sum Payments and Service Payment Adjustments) of this Agreement. The Authority may in its sole discretion waive or defer the requirements for Project Co to make such updates to the Financial Model in respect of Changes, Minor Works and Innovation Proposals. The updates to the Financial Model will be shown as of the relevant current date and, as applicable, the Base Date.

5.3 Consequential Amendments to Appendix 8A

If the Change, Minor Works or Innovation Proposal affects any of the contents of Appendix 8A [Functional Units, Unit Deduction Amounts, Rectification Periods], the parties will in accordance with Section 6 of Schedule 8 [Payments] review and adjust Appendix 8A [Functional Units, Unit Deduction Amounts, Rectification Periods].

6. ALTERNATE CHANGE PROCESS DURING DESIGN

6.1 Development Changes

The parties may during the Design process agree to utilize an alternate procedure for agreeing on and tracking Changes that:

- (a) on an individual basis, are less than ████████ in value, including “no cost” Changes;
- (b) on a cumulative basis over the course of the Construction Period, are less than ████████ in value;
- (c) do not result in a change in the Target Service Commencement Date;
- (d) do not result in a change to the Financial Model; and
- (e) would not fall within the scope of Section 2.4 of this Schedule.

In such cases the parties may, on an individual Change basis, agree to utilize the process set out in this Section 6 rather than the process set out in Section 2 of this Schedule (“**Development Changes**”).

6.2 Alternate Process

Where a party identifies a potential Development Change, that party may present the potential Development Change to the other party in a form, and with such supporting information, as it considers to be appropriate to the nature and complexity of the potential Development Change.

Where a party presents a potential Development Change, the parties’ respective Design and Construction Representatives will meet as soon as practicable to discuss the proposed Development Change and where:

- (a) the proposed Development Change meets the requirements of Section 6.1 of this Schedule; and
- (b) the parties reach agreement with respect to the value of the proposed Development Change and any contractual amendments required to implement the proposed Development Change,

Project Co will record the terms of the parties’ agreement with respect to the applicable Development Change (a “**Development Change Record**”).

Promptly after preparing a Development Change Record, and in any event prior to implementation of the agreed Development Change, Project Co will deliver a copy of the Development Change Record to the Authority's Design and Construction Representative.

6.3 Opportunity to Object

If, within 5 Business Days after receipt of a Development Change Record, the Authority's Design and Construction Representative objects in writing to the Development Change Record on the basis that it is not an accurate representation of the parties' agreement, the parties will meet to discuss the Development Change and attempt to resolve the objection.

If an objection cannot be resolved, then the proposed Change will be deemed not to be a Development Change and will not be implemented by the parties; provided that either the Authority or Project Co will be permitted to pursue such Development Change in accordance with the Change process in accordance with this Schedule.

If an objection is resolved, then following such resolution, the parties will record the terms of the Development Change (the "**Development Change Record Confirmation**"), and such Development Change Record Confirmation will be signed on behalf of the parties.

6.4 Design and Construction Representatives

The Authority's Design and Construction Representative and Project Co's Design and Construction Representative will have authority to agree on the value of Development Changes and contractual amendments to implement such Development Changes.

6.5 Implementation

Where there is no objection to a proposed Development Change within the 5 Business Day period specified in Section 6.3 of this Schedule, the Development Change Record will become the Development Change Record Confirmation. Following the issue of a Development Change Record Confirmation, the parties will promptly proceed with implementation of the applicable Development Change on the terms set out in the applicable Development Change Record Confirmation.

6.6 Reconciliation

No later than the 10th day of each month, Project Co's Design and Construction Representative will prepare and deliver to the Authority's Design and Construction Representative a register of all Development Changes agreed during the prior month (the "**Development Change Register**").

6.7 Development Change Register

Within 30 days after the issuance of the [REDACTED] construction documents pursuant to Section 5.3(b)(3) (Design Process) of Schedule 2 [Design and Construction Protocols], the Authority will prepare and deliver to Project Co a consolidated Change Certificate encompassing all of the agreed Development

Changes, as set out in the applicable Development Change Registers.

6.8 No Dispute

The parties agree that a failure to reach agreement with respect to a proposed Development Change pursuant to the procedure set out in this Section 6 shall not constitute a Dispute, and shall not be referred for resolution to the Dispute Resolution Procedure.

SCHEDULE 7

LANDS

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APPENDIX 7A DESCRIPTION OF LANDS AND ENCUMBRANCES

SCHEDULE 7

LANDS

1. DEFINITIONS

In this Schedule, in addition to terms defined in Schedule 1 of this Agreement:

“Charge” means any charge, mortgage, lien, pledge, judgment, execution, security interest, restriction, claim or encumbrance of any nature whatsoever, including any claims of the Workers’ Safety and Compensation Commission, Canada Revenue Agency, Employment Standards Office or other Governmental Authority;

“Encumbrances” means those Charges against title to the Lands and the Existing Hospital Lands described in the land title searches attached as Appendix 7A [Description of Lands and Encumbrances] and any additional Charges against the Lands and the Existing Hospital Lands permitted under this Schedule;

“Existing Hospital Lands” means those certain lands, the boundary of which is indicated on the preliminary sketch plan attached in Appendix 7A (which boundary may be subject to minor adjustments to be agreed upon by the Parties, acting reasonably), and which includes the lands on which the Existing Hospital is situated;

“Existing Hospital Licence” has the meaning set out in Section 2.2(a) of this Schedule;

“Facility Licence” has the meaning set out in Section 2.1(a) of this Schedule; and

“Lands” means those certain lands, the boundary of which is indicated on the preliminary sketch plan attached in Appendix 7A (which boundary may be subject to minor adjustments to be agreed upon by the Parties, acting reasonably), and which includes the lands on which the Facility is to be situated but for greater certainty does not include the Existing Hospital Lands.

2. AUTHORITY’S OBLIGATIONS AND REPRESENTATIONS

2.1 Grant of Facility Licence

(a) From the Effective Date until the later of:

- (1) the Termination Date; and
- (2) the date the Authority no longer requires Project Co to provide the transitional services described in Section 14.3(a) of the Agreement,

the Authority hereby grants and will continuously until the applicable date above, grant or cause to be granted to Project Co a non-exclusive licence of use and access to, on and over the Lands and the Facility to the extent required by Project Co to allow Project Co to perform the Design, the Construction and the Services (the **“Facility Licence”**).

- (b) In consideration for the Facility Licence granted in Section 2.1(a), Project Co will perform the obligations described in Section 4.1(a) of the Agreement subject to and in accordance with the Agreement.
- (c) Project Co may for the same purposes described in Section 2.1(a), grant sub-licences to any Project Co Person, provided that any such grant will be subject to, and terminate upon, termination of the Facility Licence.

2.2 Grant of Existing Hospital Licence

- (a) From the Effective Date until the earlier of:
 - (1) the Termination Date; and
 - (2) the Lease Commencement Date,

the Authority hereby grants and will continuously until the applicable date above, grant or cause to be granted to Project Co a non-exclusive licence of use and access to, on and over the Existing Hospital Lands and the Existing Hospital to the extent required by Project Co to allow Project Co to perform the Facility Move and Initial Remediation Work (the “**Existing Hospital Licence**”).

- (b) In consideration for the Existing Hospital Licence granted in Section 2.2(a), Project Co will perform the obligations described in Section 4.1A of the Agreement, subject to and in accordance with the Agreement.
- (c) Project Co may for the same purposes described in Section 2.2(a), grant sub-licences to any Project Co Person, provided that any such grant will be subject to, and terminate upon, termination of the Existing Hospital Licence.

2.3 Terms Affecting Grant of Licences

Without limiting the other provisions of this Schedule and this Agreement, the following terms and conditions apply to the Facility Licence and the Existing Hospital Licence:

- (a) no legal demise or other interest in land, and no interest in the Existing Hospital or the Facility or any other improvements, is granted to Project Co or created by this Agreement;
- (b) the Facility Licence and the Existing Hospital Licence are non-exclusive and no right to exclusive possession of the Lands, the Existing Hospital Lands, the Existing Hospital or the Facility is granted to Project Co;
- (c) Project Co's rights are subject to the Encumbrances; and
- (d) subject to Section 6.14 of Schedule 2 [Design and Construction Protocols], the Authority will be entitled at any time and from time to time to:

- (1) grant to Authority Persons and any other persons, including contractors and the general public, access to the Lands, the Existing Hospital Lands, the Existing Hospital and the Facility; and
- (2) use or develop, or permit the use or development of, portions of the Lands and/or the Existing Hospital Lands. To the extent that such use or development materially adversely interferes with the ability of Project Co to perform the Project, such use or development shall, subject to and in accordance with the provisions of Schedule 6 [Changes, Minor Works and Innovation Proposals], result in a Change.

2.4 Property Taxes

The Authority will be responsible for property taxes (if any), or payments in lieu of property taxes, payable in respect of:

- (a) the Lands and the Facility; and
- (b) the Existing Hospital Lands and the Existing Hospital,

or the occupation thereof by the Authority, Project Co or any Project Contractor or Sub-Contractor; provided that, for greater clarity, Project Co will not be responsible for property taxes under this Agreement.

3. PROJECT CO'S OBLIGATIONS AND ACKNOWLEDGMENTS

3.1 "As Is Where Is"

Subject to the provisions of Section 4.1 of this Schedule, Project Co accepts the Lands and the Facility Licence, and the Existing Hospital Lands and the Existing Hospital Licence, on an "as is, where is" basis.

3.2 Encumbrances

Project Co acknowledges that it has reviewed the Encumbrances in effect as of the Effective Date, Project Co will fully and punctually observe and perform (to the same extent as if Project Co were the owner of the Lands and the Existing Hospital Lands (until the Initial Remediation Work Completion Date) and bound by the Encumbrances), any limitations, restrictions, obligations, liabilities and other terms and conditions set out in the Encumbrances on the Lands from the Effective Date to the Expiry Date and on the Existing Hospital Lands from the Effective Date to the Initial Remediation Work Completion Date and Project Co assumes all risks arising therefrom. Project Co will fully and punctually observe and perform all of the terms and conditions of any interest included in the Lands from the Effective Date to the Expiry Date, the Existing Hospital Lands from the Effective Date to the Initial Remediation Work Completion Date and any Encumbrance on the Lands from the Effective Date to the Expiry Date and on the Existing Hospital Lands from the Effective Date to the Initial Remediation Work Completion Date. The Authority may without restriction modify, add or remove any Encumbrances, provided that the foregoing will not limit Project Co's entitlements under the Agreement if such modification, addition or removal results in a Change.

3.3 Project Co Not To Encumber

Project Co will not, without the consent of the Authority:

- (a) grant or permit any Charge affecting or against the Lands, the Existing Hospital or the Facility; or
- (b) do or omit to do, or cause, suffer or permit to be done or omitted to be done by any Project Co Person anything that would result in any Charge against or affecting the Lands, the Existing Hospital, the Facility or any asset, matter or thing that may be required to be delivered or transferred to the Authority on the Termination Date pursuant to Section 14.2 (Transfer to the Authority of Assets, Contracts, etc.) of this Agreement,

and will at its own expense promptly discharge and remove or cause to be discharged and removed any such encumbrance.

3.4 No Restriction on Authority Use or Development

Project Co acknowledges that the Authority may from time to time without restriction use, develop or re-develop, or permit the use, development or re-development of, the Lands, the Existing Hospital Lands, the Existing Hospital, the Facility or any portion thereof (including by way of subdivision) for any purpose and by any Person. To the extent such use, development or re-development adversely interferes with the Facility Licence or the Existing Hospital Licence or adversely interferes with Project Co's ability to carry out the Design, the Construction, the Initial Remediation Work or the Services, the Authority will, to address such interference, initiate a Change.

3.5 No Registration

Project Co will not register in any land title office this Agreement, the Facility Licence, the Existing Hospital Licence or any instrument, claim or notice in respect of the Facility Licence or the Existing Hospital Licence or any other rights of Project Co under this Agreement.

3.6 Builders Liens

Project Co will, at its own cost and expense, cause any and all builders liens and other liens and claims of lien for labour, services or materials furnished or alleged to have been furnished with respect to the Design, the Construction, the Initial Remediation Work or the Services that are registered against or otherwise affect the Lands, the Existing Hospital Lands, the Existing Hospital or the Facility or any part thereof, to be paid, satisfied, released or vacated forthwith after the Authority has sent Project Co written notice of any such lien or claim. If there is a bona fide dispute of the validity or correctness of any such lien or claim, Project Co will be entitled to defend against the lien or claim in any proceedings if Project Co first:

- (a) pays into court, or provides sufficient security for, the amount claimed and costs as the court may direct, as may be required to obtain a court order for the discharge of such lien or claim from title to the Lands and/or the Existing Hospital Lands, and obtains such

discharge and registers such discharge in the relevant land title office to cancel such lien;
or

- (b) provides such other reasonable security in respect of such lien or claim as the Authority may in writing, and in its discretion, approve.

3.7 Title to Improvements

Project Co will not acquire any property interest in or title to the Existing Hospital, the Facility or any other improvements to the Lands or, prior to the Initial Remediation Work Completion Date, the Existing Hospital Lands. As between Project Co and the Authority, title to and ownership of the Existing Hospital, the Facility and all other improvements to the Lands and, prior to the Initial Remediation Work Completion Date, the Existing Hospital Lands will at all times be vested in the Authority.

4. HAZARDOUS SUBSTANCES

4.1 Responsibility

Notwithstanding any other provision of this Agreement or this Schedule, Project Co will not be responsible for any Hazardous Substances in, on, below or adjacent to the Lands or the Existing Hospital Lands or any cost, expense or claim arising therefrom, other than:

- (a) any Hazardous Substances brought onto, or adjacent to, the Lands or the Existing Hospital Lands by Project Co or any Project Co Person during the Term; and
- (b) those Hazardous Substances for which Project Co has agreed to accept responsibility in Schedule 3 [Design and Construction Specifications].

4.2 Restrictions on Use

Unless otherwise expressly required or permitted under this Agreement, Project Co will not install, use or store on the Lands, the Existing Hospital Lands or adjacent property any materials, equipment or apparatus, the installation, use or storage of which is likely to cause or in fact causes the generation, accumulation or migration of any Hazardous Substance in contravention of any applicable Laws. Without limiting the generality of the foregoing, Project Co will not use the Lands or the Existing Hospital Lands to dispose of, handle or treat any Hazardous Substances, in a manner that would cause the Lands, the Existing Hospital Lands or any adjacent property to become a contaminated site under applicable Laws.

APPENDIX 7A

DESCRIPTION OF LANDS AND ENCUMBRANCES

The “**Lands**” are those portions of the lands legally described as Lot 1, Block 162, Plan 1475 in the City of Yellowknife as depicted on the sketch plan attached hereto, which, for greater certainty, shall exclude the Existing Hospital Lands.

The “**Existing Hospital Lands**” are those portions of the lands legally described as Lot 1, Block 162, Plan 1475 in the City of Yellowknife as depicted on the sketch plan attached hereto.

Sketch plan of the Existing Hospital Lands – see attached.

Sketch plan of the Lands – see attached.

icate Certificate
le not issued.

<p>73. The title to the land mentioned in any certificate of title granted under this Act is, by implication, and without any special mention in the certificate, unless the contrary is expressly declared, subject to</p> <p>(a) any subsisting reservations or exceptions contained in the original grant of the land from the Crown;</p> <p>(b) all unpaid taxes;</p> <p>(c) any public highway or right-of-way or other public easement, however created, upon, over or in respect of the land;</p> <p>(d) any subsisting lease or agreement for a lease for a period not exceeding three years, where there is actual occupation of the land under such lease or agreement;</p> <p>(e) any decrees, orders or executions against or affecting the interest of the owner in the land, that have been registered and maintained in force against the owner;</p> <p>(f) any right of expropriation that may, by statute or ordinance, be vested in the Crown or in any person or body corporate; and</p> <p>(g) any right-of-way or other easement granted or acquired under the Irrigation Act, chapter 104 of the Revised Statutes of Canada, 1927.</p>	<p>73. Le titre de bien-fonds mentionné dans un certificat de titre accordé sous le régime de la présente loi est, implicitement et sans mention spéciale dans ce certificat, à moins de déclaration contraire en termes formels, assujéti à</p> <p>a) toutes réserves ou exceptions existantes contenues dans la concession primitive du bien-fonds faite par la Couronne;</p> <p>b) toutes taxes non payées;</p> <p>c) tout chemin public, droit de passage ou servitude publique, existant sur le bien-fonds ou le concernant, quelle qu'en soit l'origine;</p> <p>d) tout bail ou toute convention de bail en existence pour une période n'excédant pas trois ans, lorsqu'il y a occupation réelle du bien-fonds en vertu de ce bail ou de cette convention;</p> <p>e) tous décrets, ordonnances ou exécutions contre ou concernant l'intérêt du propriétaire dans le bien-fonds, qui ont été enregistrés et maintenus en vigueur contre ce propriétaire;</p> <p>f) tout droit d'expropriation qui peut être attribué, par statut ou par ordonnance, à la Couronne, à une personne ou à une corporation; et</p> <p>g) tout droit de passage ou autre servitude concédé ou acquis, en vertu de la Loi de l'irrigation, chapitre 104 des Statuts révisés du Canada de 1927.</p>	<p>Patent or notification Lettre patente ou notification # 12,074</p> <p>Transfer # 38,409 Transport</p> <p>From 17978 De</p> <p>Value \$98,816.00 Valeur</p> <p>Certificate # 18289 Certificat</p>
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Certificate of Title, Northwest Territories, Canada
Certificat de titre, Territoires du Nord-Ouest du Canada

Northwest Territories Land Registration District
Circonscription d'enregistrement des terres des Territoires du Nord-Ouest

This is to Certify that
Les présentes attestent que THE COMMISSIONER OF THE NORTHWEST TERRITORIES

is/are now the owner(s) of an estate (in fee simple)
est (sont) actuellement le(s) propriétaire(s) d'un droit en propriété libre

of and in



LOT One (1)
BLOCK One Hundred Sixty-Two (162)
PLAN 1475
YELLOWKNIFE

subject to the encumbrances, liens and interests notified by memorandum underwritten or endorsed hereon, or which may hereafter be made in the Register.
sous réserve des charges, privilèges et intérêts signifiés par le mémoire souscrit ou endossé ici ou qui pourraient être notés subséquemment au Registre.

In witness whereof, I have hereunto subscribed my name and affixed my official seal
En foi de quoi, j'ai apposé aux présentes ma signature et mon sceau officiel

this
ce

12th

day of
jour de

September

A.D. 19 85

P.O. Address
Adresse postale

c/o Dept. of Local Government
Box 1320
Yellowknife, N.W.T.
X1A 2L9


Northwest Territories Land Registration District
Circonscription d'enregistrement des terres des
Territoires du Nord-Ouest
Registrar
Registreur

SCHEDULE 8

PAYMENTS

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SCHEDULE 8

PAYMENTS

1. INTERPRETATION

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 of this Agreement:

“Availability Condition” means, with respect to a Functional Unit, that the Functional Unit, Maintained Equipment within the Functional Unit and normal access routes are in a state or condition that:

- (a) allows safe and convenient access to all persons who are entitled to enter, leave, occupy or use it, using normal access routes; and
- (b) is complete, operational, safe, functional and fit for its intended use (as contemplated in the Room Data Sheets) and meets the requirements of Schedules 3 [Design and Construction Specifications] or Schedule 4 [Services Protocols and Specifications] specifically applicable to the relevant Functional Unit,

and for Functional Units (with the exception of parking stalls) on floors other than the ground floor at least one public elevator and two service elevators are functional and operating to manufacturer’s specifications;

“Deduction” means a deduction from a Service Payment, calculated in accordance with this Schedule;

“Event” means an incident or state of affairs affecting the Availability Condition of a Functional Unit or requiring Services to be performed or both;

“Functional Unit” means a room or space which is specified as such in Appendix 8A to this Schedule;

“High Service Failure” means a Service Failure which has been designated in Schedule 4 [Services Protocols and Specifications] or in this Schedule as a High Service Failure;

“Linked Unit” means, with respect to a Functional Unit, any other Functional Unit which is designated in Appendix 8A as being linked to another Functional Unit;

“Long Stop Return Date” has the meaning set out in Section 5.10 of this Schedule;

“Low Service Failure” means a Service Failure which has been designated in Schedule 4 [Services Protocols and Specifications] or in this Schedule as a Low Service Failure, or a Service Failure which has not been designated as a Medium Service Failure or High Service Failure;

“Market Tested Services Costs” means the costs for the Market Tested Services, as set out in Appendix 8D [Market Tested Services Costs] and as may be modified from time to time pursuant to Section 3.3 of this Schedule;

“Medium Service Failure” means a Service Failure which has been designated in Schedule 4 [Services Protocols and Specifications] or in this Schedule as a Medium Service Failure;

“Miscellaneous Occupant Services Payment” means the amount, subject to the maximum amount applicable to a Contract Year as set out in Section 8 of Schedule 4 [Services Protocols and Specifications], to be paid by the Authority to Project Co in respect of the costs incurred by Project Co in carrying out the Miscellaneous Occupant Services in a preceding Payment Period;

“New Service Provider Start Date” means:

- (a) the Service Commencement Date; or
- (b) if any Service Provider is replaced by a new Service Provider, either:
 - (1) in the case of replacement following a Market Testing, the later of the Market Testing Date to which the Market Testing related and the date on which the Preferred Service Tenderer begins to perform the relevant Market Tested Services; or
 - (2) in other cases, the date on which the Services begin to be provided by the replacement Service Provider or, if earlier, the date on which they were first due to be provided;

“New Service Provider Transition Period” has the meaning set out in Section 4.15 of this Schedule;

“Payment Adjustment Report” has the meaning set out in Section 8.1(g)(2) of this Schedule;

“Payment Period” means a calendar month;

“Permanent Repair” means Rectification where a Temporary Repair has been permitted and carried out pursuant to Section 4.11 of this Schedule;

“Permanent Repair Deadline” has the meaning set out in Section 4.11(a)(4) of this Schedule;

“Return Date” has the meaning set out in Section 5.3(d) of this Schedule;

“Service Failure” means any failure by Project Co, other than an Unavailability Event, to provide the Services in accordance with this Agreement and in particular in accordance with Schedule 4 [Services Protocols and Specifications], and includes a failure to satisfy any Performance Indicator;

“Service Failure Deduction” means a Deduction which may be made in respect of a Service Failure;

“Service Payment” means the sum calculated in accordance with Section 3 of this Schedule;

“Temporary Alternative Accommodation” means accommodation offered to the Authority by Project Co as a substitute for any Unavailable Functional Unit pursuant to Section 5.1 of this Schedule;

“Temporary Alternative Accommodation Notice” has the meaning set out in Section 5.1 of this Schedule;

“Temporary Availability Condition” has the meaning set out in Section 4.11(a)(2) of this Schedule;

“Temporary Repair” means, in respect of the occurrence of an Unavailability Event, works of a temporary nature that do not constitute Rectification;

“Temporary Repair Proposal” has the meaning set out in Section 4.11(a) of this Schedule;

“Total Unavailability” occurs if:

- (a) 25% or more of the Functional Units which are ranked a Category 1 or 2 are Unavailable at the same time and a Rectification Period has expired with respect to each such Unavailable Functional Unit;
- (b) 50% or more of the washrooms in the Facility are Unavailable at the same time and a Rectification Period has expired with respect to each such washroom;
- (c) the following are Unavailable at the same time:
 - (1) the walk-in entrance to the Emergency Department; and
 - (2) the main entrance area to the Facility; or
- (d) any of the following are not accessible:
 - (3) any of the fire exits;
 - (4) all of the patient transfer elevators,

and a Rectification Period has expired with respect to each Event that caused such lack of access and the Authority has not approved a mitigation plan put forward by Project Co;

“Transition” means the tolerance level for the making of Deductions in respect of Service Failures as described in Section 4.15 of this Schedule;

“Unavailable” and **“Unavailability”** means, with respect to a Functional Unit, that such Functional Unit or an applicable Linked Unit is in a state or condition that does not comply with the Availability Condition;

“Unavailability Deduction” means a Deduction which may be made in respect of an Unavailability Event;

“Unavailability Event” means an incident or state of affairs which causes one or more Functional Units to be Unavailable; and

“Unit Deduction Amounts” means the amount of the Deduction specified in Appendix 8A per Functional Unit for an Unavailability Event, which amounts are Index Linked.

2. CONSTRUCTION PAYMENTS

2.1 Construction Payments

The Authority will make payments to Project Co relating to Construction in accordance with Appendix 8B [Construction Payments].

3. CALCULATION OF SERVICE PAYMENTS

3.1 Service Payment

- (a) From and after the Service Commencement Date, the Authority will pay Project Co in respect of each Payment Period a Service Payment calculated as follows:
- 1) the Periodic Payment for that Payment Period in accordance with Section 3.2;
 - 2) plus the relevant Miscellaneous Occupant Request Services Payment;
 - 3) subject to Section 4.1 of this Schedule, minus the aggregate of Deductions for that Payment Period; and,
 - 4) plus the Energy Gainshare or minus the Energy Painshare, as applicable, payable in that Payment Period.

If, after deducting the Energy Painshare (if applicable), the Service Payment as calculated is less than zero, Project Co will pay the Authority the lesser of (i) the Energy Painshare, and (ii) the amount by which the Service Payment is calculated to be less than zero.

3.2 Periodic Payments

- (a) Subject to Section 3.2(b), the Periodic Payments will be, in accordance with Appendix 8C [Periodic Payments], from and after the Service Commencement Date, a fixed amount in accordance with Column A of Appendix 8C, which will not be Index Linked, and a fixed amount in accordance with Column B of Appendix 8C, which will be Index Linked.
- (b) The Periodic Payments in Section 3.2(a) of this Schedule will be subject to the following adjustments:
- 1) if the first Payment Period from and after the Service Commencement Date is less than a full calendar month, the Periodic Payment will be reduced by the same proportion that the first Payment Period is less than a full calendar month; and
 - 2) if the last Payment Period of the Term is less than a full calendar month, the Periodic Payment will be reduced by the same proportion that the last Payment Period is less than a full calendar month.

3.3 Effect of Market Testing

On the appointment of any Preferred Service Tenderer, or, if applicable, on the completion of the re-pricing of a Market Tested Service pursuant to a Market Testing or as otherwise agreed by the Authority, the Service Payments following the Market Testing will be adjusted according to the following procedure:

- (a) new Market Tested Services Costs will be determined and calculated for each Payment Period for the applicable Contract Year in accordance with Appendix 4G [Market Testing Procedure];
- (b) after such calculations, the Service Payments will be adjusted by the amount of the difference (positive or negative) between the new Market Tested Services Costs and the previous Market Tested Services Costs;
- (c) any adjustment to the Service Payments will take effect, in the case of Market Tested Services subject to a Benchmarking Exercise, on the Market Testing Date or as otherwise agreed by the parties, and in the case of all other Market Tested Services, on the later of the Market Testing Date to which the Market Testing related and the date on which the Preferred Service Tenderer begins to perform the relevant Market Tested Services; and
- (d) for the purpose of subsequent Market Testing, Appendix 8D [Market Tested Services Costs] will be deemed to be modified as required to give effect to the new Market Tested Services Costs.

3.4 Insurance Adjustment

Project Co and the Authority, both acting reasonably, will agree on the Insurance Adjustment to be applied to the Service Payments as of the Service Commencement Date and on each Insurance Review Date thereafter. The Authority will adjust the Service Payments in accordance with such agreed Insurance Adjustment. The Insurance Adjustment will be calculated separately from the calculation set out in Section 3.1(a) and will not affect the result of the calculation set out in Section 3.1(a).

4. DEDUCTIONS FROM SERVICE PAYMENTS

4.1 Entitlement to Make Deductions

If at any time after the Service Commencement Date an Unavailability Event or a Service Failure occurs, the Authority will be entitled to make Deductions in accordance with this Schedule 8 (including Section 4.9 of this Schedule 8) in respect of that Unavailability Event or Service Failure (and, for greater certainty, in respect of all other Unavailability Events and Service Failures) from the Service Payment for the relevant Payment Period, except that:

- (a) the aggregate of all Deductions that the Authority may make from a Service Payment may not exceed the amount of the Service Payment in respect of a Payment Period before the Deductions; and
- (b) to the extent that an Unavailability Event or a Service Failure is the result of an Excusing Event or a Compensation Event, the Authority will not be entitled to make Deductions.

4.2 Classification of Event

The classification of an Event as a Service Failure or an Unavailability Event, and the rank of an Unavailability Event, will be made by Project Co at the time at which the occurrence of the Event is reported to the Help Desk or otherwise reported to Project Co. If an Event which results in an immediate Service Failure Deduction (because there is no applicable Response Time or Rectification Period) can properly be classified as both a Service Failure and an Unavailability Event at the time it is reported, it will be classified as the Event that has the highest potential Deduction applicable to it. An Event which is incorrectly classified may be re-classified only with the approval of the Authority, such approval not to be unreasonably withheld. If such an Event is re-classified, the appropriate Deduction (if applicable) will be made and any Deduction incorrectly applied will be withdrawn.

4.3 Service Failure Becoming Unavailability Event

A Service Failure may become or lead to an Unavailability Event if circumstances change or the Service Failure continues. In such a circumstance, when the Functional Unit becomes Unavailable, the Service Failure will have ended (without prejudice to the Service Failure Deductions that have accrued to that point) and an Unavailability Event will have occurred.

4.4 Total Unavailability

When Total Unavailability occurs, there will be deemed to be an Unavailability Event for each Functional Unit that otherwise met the Availability Condition at that time and all such Functional Units will continue to be deemed to be Unavailable until Total Unavailability no longer occurs.

4.5 Deductions for Unavailability Events

Subject to Sections 4.1, 4.9 and 4.12 of this Schedule, the Deduction in respect of each Unavailability Event will be the greater of:

- (a) \$100, Index Linked; and

- (b) subject to Section 4.6 of this Schedule, the aggregate of the Unit Deduction Amounts for all Functional Units made Unavailable as a result of the Unavailability Event.

4.6 Unavailable But Used

If any Functional Unit is Unavailable (including, for greater certainty, Functional Units that are deemed Unavailable under Section 3.4 of this Schedule) but the Authority continues to use it or a Linked Unit for the intended use or purpose of that Functional Unit or Linked Unit, for the purposes of Section 4.5(b) of this Schedule the Unit Deduction Amount applicable to an Unavailability Deduction for such Functional Unit and Linked Unit will be multiplied by 50%.

4.7 Deductions for Service Failures

Subject to Sections 4.1 and 4.15 of this Schedule, the amount of the Deduction in respect of a Service Failure will be as follows:

- (a) for a High Service Failure, the sum of ██████, Index Linked;
- (b) for a Medium Service Failure, the sum of ██████, Index Linked; and
- (c) for a Low Service Failure, the sum of ██████, Index Linked.

4.8 Response Time

If an Event occurs and a Response Time is indicated in Schedule 4 [Services Protocols and Specifications], in addition to any other Deduction arising from such Event, if Project Co does not respond as required under this Agreement within the applicable Response Time:

- (a) a Low Service Failure will be deemed to have occurred; and
- (b) unless otherwise specified in Schedule 4 [Services Protocols and Specifications], a new Response Time will start and the provisions of this Section 4.8 will again apply and will continue to apply with repeated Low Service Failures until Project Co responds as required under this Agreement.

Nothing in this Section 4.8 will limit any other Deductions in respect of the same Event or the occurrence of, and Deductions in respect of, additional Events that occur within a Response Time period.

4.9 Deduction Triggers

If an Event occurs:

- (a) in the case of a Service Failure for which there is no Rectification Period, the Authority will make the applicable Service Failure Deduction;
- (b) in the case of an Unavailability Event, other than a deemed Unavailability Event due to Total Unavailability, if Project Co Rectifies the Unavailability Event within the Rectification Period, then no Deduction will be made for such Unavailability Event;

- (c) in the case of a deemed Unavailability Event due to Total Unavailability, the Authority will make the applicable Unavailability Deduction; and
- (d) in any case and in addition to the foregoing, if Project Co does not Rectify the Event (which in the case of deemed Unavailability Events due to Total Unavailability means that Total Unavailability no longer occurs), including any Service Failure for which there is a Rectification Period, within the Rectification Period:
 - (1) the applicable Deduction will be made for the Event; and
 - (2) a new Event (which in the case of a Service Failure will be of the same category as the original Service Failure unless otherwise specified in Schedule 4 [Service Protocols and Specifications]) will be deemed to occur at the end of such Rectification Period and the provisions of this Section 4.9 will again apply and will continue to apply with repeated Deductions until Project Co Rectifies the Event.

Nothing in this Section 4.9 will limit any other Deductions in respect of the same Event or the occurrence of, and Deductions in respect of, additional Events that occur within a Rectification Period.

4.10 Multiple Events

If the root cause of a series of Events is substantially the same, whether or not Project Co Rectifies any or all of the Events within the applicable Rectification Period, there will be deemed to be a Medium Service Failure on the occurrence of any of the following:

- (a) the third such Event in a day and on the occurrence of each subsequent such Event in that day; and
- (b) the fourth such Event in a rolling consecutive seven day period and on the occurrence of each subsequent such Event in that seven day period.

4.11 Temporary Repairs

If Project Co is unable to Rectify an Unavailability Event within the applicable Rectification Period due to the need for specialized materials or personnel that are not required by this Agreement to be immediately available at the Facility and are not, and cannot reasonably be expected to be, available at the Facility, then:

- (a) Project Co may provide the Authority with a proposal (the "**Temporary Repair Proposal**") for:
 - (1) a Temporary Repair;
 - (2) a temporary modification to the Availability Condition for the relevant Functional Unit until the Permanent Repair is completed (the "**Temporary Availability Condition**");
 - (3) the Permanent Repair; and

- (4) the period within which to complete the Permanent Repair (the “**Permanent Repair Deadline**”);
- (b) the Authority may in its discretion but without unreasonable delay, consider the Temporary Repair Proposal, and Project Co will not carry out the Temporary Repair until the Temporary Repair Proposal is accepted by the Authority;
- (c) if the Authority accepts the Temporary Repair Proposal, Project Co will carry out the Temporary Repair in accordance with the Temporary Repair Proposal;
- (d) if the Temporary Repair is completed in accordance with the Temporary Repair Proposal, the Availability Condition for the relevant Functional Unit will be modified to be the Temporary Availability Condition until the Permanent Repair Deadline;
- (e) if the Permanent Repair is not completed by the Permanent Repair Deadline:
 - (1) the Temporary Availability Condition will cease to be the Availability Condition and the Authority may make all applicable Unavailability Deductions with effect from the Permanent Repair Deadline; and
 - (2) Project Co may revise the Temporary Repair Proposal and resubmit such proposal to the Authority as a new Temporary Repair Proposal pursuant to Section 4.11(b) of this Schedule; and
- (f) except with respect to the applicable modification of the Availability Condition, nothing in this Section 4.11 will limit the Authority’s entitlement to Deductions within the applicable Rectification Periods.

4.12 Compliance with Laws and Good Industry Practice

When carrying out Rectification, or works of Temporary Repair pursuant to Section 4.11 of this Schedule, Project Co will at all times act in accordance with Laws and Good Industry Practice. If in doing so Project Co breaches Law, there will be deemed to be a new additional High Service Failure. If in doing so Project Co breaches Good Industry Practice, but does not also breach Laws, there will be deemed to be a new additional Low Service Failure.

4.13 Deficiency Correction Period - Unavailability

During the 20 Business Days beginning on the Service Commencement Date, the amount of any Unavailability Deductions for Unavailability Events directly caused by Deficiencies will be reduced by 100%. This Section 4.13 does not give any relief in respect of any Service Failure Deductions.

4.14 Service Failure Related Solely to Unavailability

No Service Failure Deduction will be made if the Service Failure to which it relates arises solely as a result of the Unavailability of the Functional Unit in which the Service was to be provided. If any Functional Unit is Unavailable but the Authority continues to use it for the intended use or purpose of that Functional Unit, the Authority will, subject to Section 4.3 of this Schedule, deduct the full amount of any Service Failure Deductions that apply to the Services in the applicable Functional Unit.

4.15 Transition Periods - Service Failures

In respect of the Services, there will be a period of 90 days (the “**New Service Provider Transition Period**”) for Transition beginning on each New Service Provider Start Date. During each New Service Provider Transition Period the following provisions will apply:

- (a) during the first 60 days of the New Service Provider Transition Period, the amount of any Service Failure Deductions will be reduced by [REDACTED]; and
- (b) during the final 30 days of the New Service Provider Transition Period, the amount of any Service Failure Deductions will be reduced by [REDACTED].

This Section 4.15 will not give any relief during any period of Transition in respect of Unavailability Deductions.

5. TEMPORARY ALTERNATIVE ACCOMMODATION

5.1 Project Co Option to Provide

If an Unavailability Event occurs Project Co may offer the Authority Temporary Alternative Accommodation by notice (the “**Temporary Alternative Accommodation Notice**”) to the Authority within 5 Business Days from the commencement of the applicable Event.

5.2 Requirements

The Temporary Alternative Accommodation must:

- (a) comply with the Availability Condition for the Functional Units affected by the Unavailability Event for which Temporary Alternative Accommodation is offered;
- (b) be a temporary alternative having regard to the facts and the circumstances in existence;
- (c) be upon terms which are not materially different from the terms upon which the Authority occupied the affected Functional Unit;
- (d) unless the Authority otherwise agrees, be accommodation that Project Co is not already obligated to provide to the Authority;
- (e) be supplied with the Services to the standards set out in Schedule 4 [Services Protocols and Specifications] which Project Co would under normal circumstances be providing within the Unavailable Functional Unit;
- (f) not involve the Authority incurring any additional cost or charges in respect of the Temporary Alternative Accommodation including the reasonable costs of any relocation to and from the Temporary Alternative Accommodation; and
- (g) be in reasonable proximity to the Facility, be reasonably accessible by public and private transport and have adequate parking.

5.3 Notice Requirements

The Temporary Alternative Accommodation Notice must:

- (a) describe the Temporary Alternative Accommodation;
- (b) invite the Authority to inspect the Temporary Alternative Accommodation and give the Authority reasonable notice of a time and a date when it may do so;
- (c) set out Project Co's proposals regarding the timing and co-ordination of relocation to the Temporary Alternative Accommodation;
- (d) specify the date (which must be agreed by the Authority before the submission of the written notice) by which Project Co reasonably expects the Authority to be able to relocate back to the applicable Functional Unit (the "**Return Date**"); and
- (e) describe the terms upon which the Authority will be entitled to occupy such Temporary Alternative Accommodation including the proposed division of such accommodation into Functional Units and the weighting to be attributed to them for the purposes of the operation of this Schedule.

5.4 Acceptance by Authority

If it wishes to inspect the Temporary Alternative Accommodation the Authority will do so within 5 Business Days of receipt of the Temporary Alternative Accommodation Notice. The Authority will notify Project Co in writing of its acceptance or refusal of the proposed Temporary Alternative Accommodation within 24 hours of its inspection or, if the Authority has elected not to inspect, within 5 Business Days of receipt of the Temporary Alternative Accommodation Notice. The Authority may in its discretion refuse or accept any proposed Temporary Alternative Accommodation that does not meet the requirements of Section 5.2 of this Schedule and in all other cases will act reasonably when deciding to accept or refuse any proposed Temporary Alternative Accommodation.

5.5 Effect of Acceptance

If the Authority accepts the offer of Temporary Alternative Accommodation:

- (a) which is not within the Facility then, without affecting the Authority's remedial rights under Section 11 of this Agreement, the Authority will not be entitled to vacate the Temporary Alternative Accommodation until the earlier of the Return Date and the date on which the Authority is entitled and able to return to and use the Functional Unit in accordance with the agreed program for return and re-commissioning referred to in Section 5.8 of this Schedule; and
- (b) which is within the Facility and the Authority subsequently needs such Temporary Alternative Accommodation in connection with needs that were not anticipated at the time the Authority agreed to occupy the space, then the Authority will be entitled to vacate the Temporary Alternative Accommodation.

5.6 Additional Authority Costs

Project Co will pay for any additional reasonable and direct costs and expenses incurred by the Authority in respect of Temporary Alternative Accommodation, including reasonable relocation costs to and from the Temporary Alternative Accommodation.

5.7 Deduction

If the Authority accepts Project Co's offer of Temporary Alternative Accommodation, no further Deductions will be made in respect of a Functional Unit vacated by the Authority while the Temporary Alternative Accommodation replacing that Functional Unit is being used by the Authority. The Authority will be entitled to make Deductions in respect of any Service Failure or Unavailability Event which occurs in the Temporary Alternative Accommodation as if the Temporary Alternative Accommodation was the Functional Unit which it replaced and any Deduction in respect of an Unavailability Event will be calculated using the Unit Deduction Amounts attributed to such Functional Unit.

5.8 Return to Functional Unit

When Project Co has completed the required works to enable the Authority to return to the Functional Unit the Authority will confirm that the Availability Condition is met for the Functional Unit and the Authority and Project Co will agree to a relocation program to return to the Functional Unit and any necessary period for re-commissioning.

5.9 Failure to Complete Works

If the Authority has accepted the proposed Temporary Alternative Accommodation and Project Co fails to complete the works to enable the Authority to return to the relevant Functional Unit on the Return Date:

- (a) the Temporary Alternative Accommodation will be deemed to be Unavailable with effect from the Return Date until the date on which the Unavailability Event has been Rectified and the Authority is able to resume its use of the Functional Unit; and
- (b) the Authority may, in its absolute discretion, vacate the Temporary Alternative Accommodation at any time after the Return Date or remain in occupation, and in the latter circumstance a [REDACTED] reduction will apply with respect to the Unavailability Deduction.

5.10 Long Stop Return Date

The Authority will specify a date (the "**Long Stop Return Date**"), being a date no earlier than 30 days after the Return Date, by which the Rectification must be completed and if Project Co fails to complete the Rectification of the Functional Unit for which the Temporary Alternative Accommodation is a replacement by the Long Stop Return Date:

- (a) the Authority may (without prejudice to its rights under Section 12 (Project Co Events of Default) or any other express rights of the Authority under this Agreement) take such steps as it considers to be appropriate (either itself or by engaging others to take such

steps) to restore the Functional Unit to a condition that satisfies in all respects the requirements of Schedule 4 [Services Protocols and Specifications]; and

- (b) Project Co will reimburse the Authority for all reasonable direct costs and expenses incurred by the Authority in relation to taking the steps, or engaging others to take the steps, referred to in Section 5.10(a) and the Authority will be entitled to deduct any such amount from any amounts payable to Project Co under this Agreement.

6. REVIEW OF FUNCTIONAL UNITS, DEDUCTIONS, ETC.

6.1 Initiation of Review

The identification of Functional Units, Linked Units, Performance Indicators, Response Times, Rectification Periods, Unit Deduction Amounts and the amount of Deductions for each category of Service Failure and for Unavailability Events will be reviewed by the Authority and Project Co at any time if requested by either party but in any event will be reviewed at the following times, unless otherwise agreed by the parties:

- (a) at such time as the Design Development Phase as set out in Section 5.3 of Schedule 2 [Design and Construction Protocols] has been completed in all material respects;
- (b) in the circumstances referred to in Section 5.3 of Schedule 6 [Changes, Minor Works and Innovation Proposals];
- (c) following the Service Commencement Date; and
- (d) at least once in every Contract Year following the first anniversary of the Service Commencement Date for the purposes of the following Contract Year.

The Authority and Project Co will act reasonably and diligently in carrying out the review, which will not exceed 30 days without the agreement of both parties. For the avoidance of doubt, the parties intend that any changes made as a result of such a review will not alter the overall risk profile of the relevant Service or the likely magnitude of Deductions. If proposed changes would result in any such alteration, the matter will be deemed to be a Change subject to the provisions of Schedule 6 [Changes, Minor Works and Innovation Proposals].

6.2 Results of Review

The Authority and Project Co may, in respect of each matter that is the subject of the review, either:

- (a) agree that the status of the relevant matter will continue to apply unchanged for the following Contract Year; or
- (b) agree to adjustments to the relevant matter to take effect in the following Contract Year.

If the parties do not agree within 30 days after completion of the review, either party may refer the matter to the Dispute Resolution Procedure. No change will be made with respect to a matter under review until agreed or until determined under the Dispute Resolution Procedure. For the avoidance of doubt, if the changes that are agreed or determined under the Dispute Resolution Procedure alter the overall risk

profile of the relevant Service, the matter will be deemed a Change subject to the provisions of Schedule 6 [Changes, Minor Works and Innovation Proposals].

6.3 Effective Time of Adjustments

Any adjustment pursuant to a review will be effective from the commencement of the relevant Contract Year for which the adjustment is to take effect under Section 6.2 of this Schedule.

6.4 Result of Change, Minor Works or Innovation Proposal

As set out in Section 5.3 of Schedule 6 [Changes, Minor Works and Innovation Proposals] the parties will review and agree any changes to Appendix 8A [Functional Units, Unit Deduction Amounts, Rectification Periods] that are needed as the result of a Change, Minor Works or an Innovation Proposal.

7. FAILURE BY PROJECT CO TO MONITOR OR REPORT

7.1 Performance Monitoring Report

The Performance Monitoring Report produced by Project Co for any Payment Period will be the initial source of the information regarding the performance of the Services for the relevant Payment Period for the purposes of calculating the relevant Deductions.

7.2 Failure to Monitor or Report

If Project Co fails to monitor or accurately report an Event, a Service Failure or an Unavailability Event:

- (a) such failure will be deemed to be a new Low Service Failure for each Event that has been misreported. The relevant Deduction for the new Low Service Failure will be made in addition to the Deductions that would have been made had there been no failure to monitor or report;
- (b) the Authority will be entitled to make Deductions in respect of any Service Failures or Unavailability Events in the manner prescribed in this Schedule and the Performance Monitoring Report(s) and invoice(s) with respect to all Payment Periods affected by such failure will be restated to include any such Deductions; and
- (c) Project Co will forthwith pay to the Authority the amount, if any, by which the amount paid to it for the affected Payment Periods exceeds the amount in the restated invoices for such Payment Periods.

7.3 Misconduct

If the Authority's inspection or investigation of records reveals, on the part of Project Co or a Project Co Person:

- (a) fraudulent action or inaction;
- (b) deliberate misrepresentation; or

- (c) gross misconduct or incompetence,

then a new High Service Failure will be deemed to have occurred for each Event that has been misreported. The relevant Deduction for the new High Service Failure will be made in addition to the Deductions that would have been made had there been no misreporting.

7.4 No Prejudice to Other Rights

The provisions of this Section 7 are without prejudice to any rights of the Authority in this Agreement, including pursuant to Section 6 (Performance Monitoring and Reporting) of Schedule 4 [Services Protocols and Specifications] and Section 12.1 (Project Co Events of Default) of this Agreement.

8. GENERAL PAYMENT PROVISIONS

8.1 Invoicing and Payment Arrangements

With respect to invoicing and payment the following will apply.

- (a) All Service Payments, except for the Miscellaneous Occupant Services Payment, will be payable in advance for each Payment Period;
- (b) The Miscellaneous Occupant Services Payment will be payable in arrears. Project Co will use reasonable efforts to include in its invoice amounts in respect of any Miscellaneous Occupant Services within one Payment Period following the Payment Period in which such Miscellaneous Occupant Services were carried out. Project Co will include in its invoice an amount in respect of any Miscellaneous Occupant Services within two Payment Periods following the Payment Period within which the Miscellaneous Occupant Services were carried out, and after that time Project Co waives the right to any claims against the Authority for payment in respect of such Miscellaneous Occupant Services.
- (c) A minimum of 10 Business Days prior to each Payment Period, Project Co will provide the Authority with an invoice in a form agreed by the parties, acting reasonably. The invoice will include as a minimum:
 - (1) the estimated Service Payments (not including the Miscellaneous Occupant Services Payment) for the applicable Payment Period;
 - (2) the amount of the Miscellaneous Occupant Services Payment;
 - (3) any adjustments to a previous Payment Period, as set out in the applicable Payment Adjustment Report;
 - (4) any amount owing to the Authority under this Agreement;
 - (5) any amount owing to Project Co under this Agreement;
 - (6) the amount of applicable GST calculated in accordance with Section 8.2 of this Appendix;

- (7) the amount of applicable PST;
 - (8) Project Co's GST registration number; and
 - (9) the net amount owing by the Authority to Project Co, or by Project Co to the Authority, as applicable;
- (d) the Authority will:
- (1) review each invoice submitted in accordance with this Section 8.1 within 5 Business Days; and
 - (2) pay the amount approved by the Authority within 30 calendar days upon receipt of the invoice; and
 - (3) concurrently advise Project Co of any amounts the Authority has not approved and the reasons for non-approval;
- (e) Project Co:
- (1) will, after discussion and agreement with the Authority, clarify and resubmit an invoice for any amounts not approved by the Authority in any previously submitted invoice and the Authority will pay such agreed amounts in accordance section 8.1(d)(2); and
 - (2) may refer for resolution pursuant to Dispute Resolution Procedure the amount of any invoice it has not agreed with the Authority;
- (f) the Authority will not be obligated to make any payment unless all conditions of payment in this Agreement have been satisfied;
- (g) within 10 Business Days following the end of each Payment Period, Project Co will submit to the Authority:
- (1) a Performance Monitoring Report for that Payment Period; and
 - (2) a report (a "**Payment Adjustment Report**") setting out any adjustments, including Deductions, to the Service Payments for that Payment Period, the amount of the Miscellaneous Occupant Services Payment, and the amount of over-payment or under-payment from the amount paid previously by the Authority for that Payment Period;
- (h) Project Co will include with each invoice and Payment Adjustment Report such supporting documentation as is reasonably required to substantiate and confirm the invoiced amounts and amounts set out in each Payment Adjustment Report;
- (i) for the final 3 Payment Periods of the Term, the Authority may withhold from payment a reasonable amount for possible adjustments to the Service Payments, and within 30 days after the expiry of the Term Project Co will provide the Authority with a final invoice

setting out Project Co's calculations to reconcile any over-payments or under-payments and the Authority or Project Co, as applicable, will within 30 calendar days pay the amount properly due and payable to the other party; and

- (j) no payment will be construed as an acceptance or approval of incomplete, defective or improper Design, Construction, Services or any other matter provided by Project Co which is not in conformance with the requirements of this Agreement, and will not operate to relieve Project Co from any of its obligations under this Agreement.

8.2 GST

Project Co will include in each invoice for a Service Payment:

- (a) for the Payment Period immediately following the month in which Service Commencement is achieved, the GST payable by the Authority on the Cost To Date as at the Service Commencement Date, less the GST that has already been paid by the Authority on that portion of the Cost To Date as at the Service Commencement Date pursuant to Appendix 8B [Construction Period Payments];
- (b) for each Payment Period, the GST payable by the Authority on the Service Payment, excluding any portion of such Service Payment relating to costs in respect of which the Authority has already paid GST pursuant to Section 8.2(a) of this Schedule.

APPENDIX 8A

FUNCTIONAL UNITS, UNIT DEDUCTION AMOUNTS, RECTIFICATION PERIODS

LINKED UNITS PRINCIPLES

See attached.

Schedule 8A - Functional Unit Listing

FU Priority Level	Hours per Rectification Period	Deduction per Rectification Period
1	2	
2	3	
3	4	
4	4	
5	4	

FU ID	FU TYPE	FU NAME	NUMBER OF FUs	ROOM SIZE (NSM)	TOTAL NSM	CONTENTS/KEY FEATURES/DESIGN CRITERIA	PRIORITY	CRITICAL LINKAGES
1.00	Main Entry/Customer Services							
1.01	MAIN ENTRANCE/LOBBY							
1.01.01	CSS-1	Main Entrance Vestibule	1	11	11	Main hospital entrance for patients/visitors who are ambulatory; size may vary based on architectural design.	3	-
1.01.03	---	Patient/Visitor Lounge	1	38.5	38.5	Direct view of drop-off/pick-up drive; includes space for two bariatric seats/wheelchairs.	3	-
1.01.04	---	Phone Alcove	1	1.9	1.9	Wall mounted phones (e.g. transportation).	3	-
1.01.05	---	ATM Alcove	1	1.9	1.9	Alcove adjacent to seating area.	3	-
1.01.06	---	Stanton Foundation Kiosk	1	4.6	4.6	Kiosk or wall display with contiguous counter, stool, queuing space, within direct view of public seating.	3	-
1.01.07	MEA-1	Wheelchair alcove	1	4.6	4.6	Accessible from Customer Service Centre but out of view of lounge.	3	-
1.01.08	WRS-4	Public Washroom (Female)	1	14.6	14.6	Includes entrance vestibule, two handwashing sinks, wheelchair accessible toilet stall and regular toilet stall.	4	-
1.01.09	WRS-4	Public Washroom (Male)	1	14.6	14.6	Includes entrance vestibule, two handwashing sinks, wheelchair accessible toilet stall and urinal.	5	-
1.01.10	---	Storage Room	1	5.6	5.6	General storage including storage for personal items of patients who have been discharged but are awaiting flights.	5	-
1.01.11	---	Breastfeeding Room	1	7.5	7.5	as per the CSA z-8000 recommendations.	5	-
1.02	CUSTOMER SERVICE CENTRE							
1.02.01	CSS-3	Reception/Concierge Desk	1	9	9	Immediately adjacent to main entrance vestibule; open reception desk with two staff workstations (one for language services).	3	-
1.02.02	CSS-4	Registration/Communication Cubicle	2	6	12	Semi-enclosed cubicle with desk and two patient/visitor chairs. Requires direct access to an office equipment alcove.	3	-
1.02.03	---	Self-Registration Kiosk	2	3.7	7.4	Free standing kiosk with queuing space for self check-in; in view to entrance and lounge.	3	1.02.02
1.02.04	WKS-2	Workstation	1	4.5	4.5	Semi-enclosed cubicle for switchboard operator.	1	-
1.02.05	WKS-5	Office/Cubicle	1	9.3	9.3	Office/cubicle for patient registration supervisor.	3	-
1.02.06	WKS-2	Workstation	1	3.7	3.7	Touchdown station for the Registration Assisstant.	3	-
1.02.07	WKS-5	Office/Cubicle	1	9.3	9.3	Office/cubicle for security officer during daytime hours; view to main entrance/lounge must be provided.	3	-
1.02.08	OFF-1	Office (Standard)	1	9.3	9.3	Patient care coordinator, used 24/7 by shift supervisor; located near to the Emergency Department with convenient access to all patient care areas required.	4	-
1.02.09	WKS-1	Med Response	1	23	23	Includes 3 large workstations for electronic consultation, each equipped with up to 10 monitors; can be open to the office equipment alcove. Natural light desired.	4	-
1.02.10	OEQ-1	Med Response: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and related equipment.	4	-
1.02.11	OFF-1	Med Response: Office/Consult Room	1	9.3	9.3	Physician office//teleconference.	4	-
1.02.12	OFF-1	Office (Standard)	1	9.3	9.3	Foundation office.	4	-
1.02.13	OEQ-2	Office Equipment Alcove	1	6	6	Printer/copier/fax and other related equipment.	5	-
1.03	AUXILIARY TUCK SHOP							
1.03.01	CSS-6	Retail Area	1	18.9	18.9	Includes display shelving and cashier/counter workstation.	3	-
1.03.02	CSS-7	Storage Room	1	5	5	Contiguous with retail area with connecting door; mobile storage.	4	-
1.04.01	CSS-8	Chapel/Meditation Room	1	30	30	Flexible seating with raised altar/stage platform.	4	-
1.04.02	CSS-9	Storage Room	1	6	6	Items used for multi-faith worship or celebration; contiguous with chapel.	5	-
2.00	Diagnostic Services							
2.01	OUTPATIENT INTAKE AREA							
2.01.01	WTA-1	Diagnostics Centre Waiting Room: Waiting Area	1	46	46	Seating for up to 30 with 2 wheelchairs and a bariatric seat: educational display area and coat rack.	3	-
2.01.02	WTA-2	Diagnostics Centre Waiting Room: Child Play Area	1	5	5	Contiguous with the clinic waiting area; small alcove with child's table and chairs, books, and small toys for quiet play.	3	-

2.01.03	WRS-2	Patient/Visitor Washroom	2	4.6	9.2	Wheelchair accessible; male and female; could be eliminated if other facilities are available nearby.	3	-
2.02	DIAGNOSTIC IMAGING SUITE							
2.02.01	WTA-1	Patient Reception and Preparation Area - Sub-Waiting Area	1	6	6	Seating for up to 4 persons, directly adjacent to staff work area.	1	-
2.02.02	DXS-1	Patient Reception and Preparation Area - Male Patient Changing/Washroom	1	12.6	12.6	Includes 2 changing cubicles, six full size lockers.	1	-
2.02.03	DXS-2	Patient Reception and Preparation Area - Female Patient Changing/Washroom	1	12.6	12.6	Includes 2 changing cubicles, six full size lockers.	2	-
2.02.04	EXT-4	Inpatient/ED Holding Alcove	2	7.5	15	Curtained cubicle for a stretcher or holding alcove for 2 wheelchairs, adjacent to staff work area and near DI imaging procedure rooms.	2	-
2.02.05	WKS-1	Staff Work Area: Clerical Workstation	2	3.7	7.4	Touch down stations for clerks responsible for film management and other duties.	2	-
2.02.06	WKS-1	Staff Work Area: Tech Workstation	3	3.7	11.1	Touch down stations for X-Ray, CT and mammography techs.	2	-
2.02.07	OFF-1	Staff Work Area: Office	1	9.3	9.3	Clerical supervisor.	2	-
2.02.08	WKS-5	Staff Work Area: Office/Cubicle	1	9.3	9.3	DI Tech supervisor.	2	-
2.02.09	WKS-4	Staff Work Area: Office/Cubicle	1	6.5	6.5	PACS coordinator.	1	-
2.02.10	OEQ-2	Staff Work Area: Office Equipment Alcove	1	6	6	Printer/copier/fax etc.	1	-
2.02.11	HHS-1	Hand Hygiene Sink	1	1	1		3	-
2.02.12	---	Radiography Suite: Radiography Procedure Room	1	29	29		1	2.02.13, 6.03.07, 6.03.13
2.02.13	---	Radiography Suite: Radiography Control/Workstation	1	7.5	7.5		1	2.02.12
2.02.14	---	Radiography Suite: Radiography Procedure Room	1	29	29		1	2.02.15, 6.03.07, 6.03.13
2.02.15	---	Radiography Suite: Radiography Control/Workstation	1	7.5	7.5		1	2.02.14
2.02.16	---	Fluoroscopy Suite: Fluoroscopy Procedure Room	1	29	29		3	2.02.17, 2.02.18
2.02.17	---	Fluoroscopy Suite: Fluoroscopy Control/Workstation	1	7.5	7.5	Requires access from within the room and from the corridor.	2	2.02.16
2.02.18	WRS-2	Fluoroscopy Suite: Patient Washroom	1	4.6	4.6	Wheelchair accessible.	3	2.02.16
2.02.19	DXS-3	Mammography Procedure Room	1	14	14		4	-
2.02.20	---	CT Suite: CT Procedure Room	1	40	40		1	2.02.21, 6.03.07, 6.03.13
2.02.21	---	CT Suite: CT Control Room	1	11	11		1	2.02.20
2.02.22	WRS-2	CT Suite: Patient Washroom	1	4.6	4.6	Wheelchair accessible. This washroom is to be contiguous with CT room.	4	-
2.02.23	OFF-1	Office (Radiologist)	2	9.3	18.6	Requires access from within the room and from the corridor.	4	-
2.03	CARDIOPULMONARY/ULTRASOUND							
2.03.01	WTA-1	Patient Recovery/Prep Area: Sub-Waiting Area	1	6	6	Seating for up to 4 persons, directly adjacent to staff work area.	2	-
2.03.02	WRS-2	Patient Recovery/Prep Area: Patient Washroom	1	4.6	4.6	Wheelchair accessible.	2	-
2.03.03	WKS-1	Staff Work Area: Tech Workstation	3	3.7	11.1	Touch-down stations for ultrasound, cardiac and respiratory techs working on the cardiopulmonary/ultrasound suite.	2	-
2.03.04	WKS-1	Staff Work Area: Tech Workstation	1	3.7	3.7	Touch-down station shared by respiratory therapists working on the inpatient units.	2	-
2.03.05	WKS-4	Staff Work Area: Office/Cubicle	1	9.3	9.3	Nurse practitioner (cardiac).	2	-
2.03.06	OEQ-1	Staff Work Area: Office Equipment Alcove	1	1.9	1.9	Printer/copier/fax and other related equipment.	2	-
2.03.07	HHS-1	Staff Work Area: Hand Hygiene Sink	1	1	1		3	-
2.03.08	EXT-7	Ultrasound Testing Room	2	13	26	Ultrasound unit (mobile).	3	-
2.03.09	EXT-7	Cardiac Exam/Testing Room	1	12	12	EKGs, echocardiography, Holting monitor prep. etc.: all mobile units.	3	-
2.03.10	EXT-7	Respiratory Testing Room	1	14	14	Pulmonary function testing; could accommodate body box; Negative pressure capable.	2	-
2.03.11	EXT-7	Testing Room (Multipurpose)	1	12	12	Could be used for remote monitoring/telehealth, as an additional ultrasound room, or to accommodate CP testing equipment.	3	-
2.03.12	DXS-5	Exercise/Stress Testing Room	1	20	20	Enclosed room with two treadmill bays (curtain closure) to be used for cardiac and respiratory exercise/stress testing.	4	-
2.03.13	DXS-8	Physician Viewing Area	1	9.2	9.2	Per CSA Z8000.	4	-
2.03.14	WRS-2	Patient Washroom	2	4.6	9.2	Wheelchair accessible: one between the two ultrasound rooms, one central to other testing rooms.	4	-
2.03.15	---	Charting Alcove	2	1.4	2.8	Located in the corridor outside of the ultrasound rooms.	4	-

2.04 OUTPATIENT SPECIMEN COLLECTION								
2.04.01	WTA-1	Patient Reception/Sub-Waiting Area	1	6.2	6.2	Seating for up to four persons, directly adjacent to collection work area.	2	-
2.04.02	DXS-6	Specimen Collection Work Area	1	9.5	9.5	Computer & label maker: contiguous with phlebotomy cubicles, connected to the Laboratory Central Specimen Processing Area via a pass-through or pneumatic tube.	3	-
2.04.03	DXS-7	Blood Drawing Cubicle	3	7.5*	24.5	Cubicle with phlebotomy chair, adjacent to collection work area; curtain closure. *One cubicle should accommodate stretcher (CSA Z8000 recommendation 9.5m2).	3	-
2.04.04	WRS-2	Patient Washroom (Specimen Collection)	1	5.6	5.6	Wheelchair accessible with pass-through cabinet to work area.	3	-
2.04.05	HHS-1	Hand Hygiene Sink	1	1	1		2	-
2.05 SHARED SUPPORT SPACE								
2.05.01	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	2	-
2.05.02	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.	2	-
2.05.03	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, mop cleaning.	3	-
2.05.04	STO-1	Equipment Storage Room	1	12	12	Holding of equipment (primarily respiratory) for dispatch.	3	-
2.05.05	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Holding/docking of mobile equipment with electrical support.	4	-
2.05.06	OFF-1	Office (Standard)	2	9.3	18.6	DI Centre (diagnostic imaging and lab) manager.	4	-
2.05.07	OFF-4	Office	1	9.3	9.3	Breast screening program leader.	4	-
2.05.08	WKS-1	Workstation	2	3.7	7.4	Breast screening clerk and booking clerk.	4	-
2.05.09	CFR-1	Conference Room	1	15	15	Seating for eight to ten persons.	5	-
2.05.10	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, six chairs.	5	-
2.05.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstations.	5	-
2.05.12	WRS-2	Staff Washroom	2	4.6	9.2	Wheelchair accessible.	5	-
2.06 LABORATORY								
2.06.01	WKS-1	Central Specimen Processing Area: Receiving/Sorting Workstation	1	3.7	3.7	Receiving, sorting, data entry; computer, phone, label printer, and printer/fax.	2	-
2.06.02	WKS-1	Central Specimen Processing Area: Processing Workstation	1	3.7	3.7	Specimen centrifuging/aliquoting; two counter top centrifuges and one label printer.	1	2.06.04
2.06.03	---	Central Specimen Processing Area: Referral/Send Out Workstation	1	5.6	5.6	Specimen packaging; computer, printer, label printer, phone.	2	-
2.06.04	---	Central Specimen Processing Area: Shared Support Space	1	15	15	Includes double-door refrigerator (floor mounted), double sink, and supply storage for specimen processing, referral/send out, courier boxes.	1	2.06.02
2.06.05	PNT-1	Pneumatic Tube	1	2	2		1	-
2.06.06		Microbiology: Microbiology Work Room	1	50	50		3	-
2.06.07	LAB-3	Microbiology: TB Ante Room	1	8	8		3	-
2.06.08	LAB-4	Microbiology: TB Work Room	1	16	16		3	-
2.06.09	LAB-5	Core Laboratory	1	104	104	Chemistry and hematology.	1	2.06.02
2.06.10	LAB-6	Transfusion Services	1	20	20		1	2.06.09
2.06.11	LAB-7	Storage (with Refrigerator/Freezer)	1	24	24	For refrigerator / freezer	1	-
2.06.12	OFF-1	Office	1	9.3	9.3	Lab Supervisor	2	-
2.06.13	OFF-1	Office	1	9.3	9.3	Clerical Supervisor	4	-
2.06.14	WKS-5	Office/Workstation	1	9.3	9.3	Lab information services	4	-
2.06.15	LAB-5	Central Work Area	1	13.5	13.5	Touchdown stations for lab staff	4	-
2.06.16	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible	4	-
2.06.17	HHS-1	Hand Hygiene Sink	2	1	2	One Located in each Core Lab and Central Specimen Processing	4	-
2.07 MORGUE								
2.07.01	MOR-1	Family Viewing Area	1	20	20	Adjacent to body holding area.	1	2.07.01
2.07.02	MOR-2	Morgue	1	28.4	28.4		1	-
2.07.03	MOR-2	Body Holding	1	11	11	Holding for 6 bodies including bariatric capability.	1	-
2.07.04	WRS-1	Family Washroom	1	4.6	4.6	Adjacent to Family Viewing Area	1	-
2.08 MAGNETIC RESONANCE IMAGING								
2.08.01	---	Anteroom	1	10	10	An area to manage patient transfers and to create an allowance for the gauss perimeter area.	-	-
2.08.02	HHS-1	Hand Hygiene Sink	1	1	1	Contiguous with anteroom.	-	-
2.08.03	WRS-2	Patient Washroom	1	4.6	4.6	Wheelchair accessible.	-	-
2.08.04	---	MRI Procedure Room	1	50	50	Requires RF and magnetic shielding.	-	-
2.08.05	---	Control Room	1	14	14	Requires a dedicated cooling system with automatic emergency backup.	-	-
2.08.06	---	Equipment Room	1	19.5	19.5	3.0 Tesla magnet.	-	-
3.00 Ambulatory Care Centre								
3.01 AMBULATORY CARE CHECK-IN CENTRE								
3.01.02	WKS-1	Reception/Check-in Desk: Workstation	1	4.5	4.5	For Unit Clerk, on-stage.	3	-
3.01.03	PNT-1	Reception/Check-in Desk: Pneumatic Tube	1	2	2		1	-
3.01.04	OEQ-2	Reception/Check-in Desk: Alcove	1	6	6	Office equipment.	3	-
3.01.05		Reception/Check-in Desk: Self Check-in Kiosk	1	3.7	3.7	Free-standing kiosk with queuing space for self check-in; in view of registration/communications cubicles.	4	-

3.01.06	WTA-1	Reception/Check-in Desk: Waiting Area	1	46	46	Primarily to support ambulatory care waiting; seating for up to 30 with two wheel chair/bariatric seats; within view of check in desk.	4	-
3.01.07	WTA-2	Reception/Check-in Desk: Child Play Alcove	1	5	5	Contiguous with the clinic waiting area; small alcove with child's table and chairs, books, small toys for quiet play.	4	-
3.01.08	WRS-4	Public Washroom (Female)	1	14.6	14.6	Includes entry vestibule, two handwashing sinks, wheelchair accessible toilet and standard toilet stall.	4	-
3.01.09	WRS-3	Public Washroom (Male)	1	14.6	14.6	Includes entry vestibule, two handwashing sinks, wheelchair accessible toilet and urinal.	4	-
3.01.10	WRS-4	Public Washroom (Family/Bariatric)	1	5.6	5.6	Unisex, for use by family and/or bariatric patient, wheelchair accessible.	4	-
3.02 EXAM/TREATMENT SPACES								
3.02.01	INT-1	Patient Intake Alcove	1	5.6	5.6		3	-
3.02.02	EXT-1	Exam/Treatment Pod No. 1 - Exam/Consult Rooms (Standard)	9	12	108	Point of care supply in each room. Rooms should have access for patients off of public corridors, and access for clinicians off of collaborative staff work areas.	3	-
3.02.03	EXT-3	Exam/Treatment Pod No. 1 - Exam/Treatment Pod No. 1 - Exam/Treatment Rooms (Standard)	1	13	13	Negative Pressure, with Bariatric Capability.	3	-
3.02.04	PPE-1	Exam/Treatment Rooms (Isolation) - PPE Alcove	1	2	2	Contiguous personal protection and equipment alcove.	3	-
3.02.05	WRS-2	Exam/Treatment Pod No. 1 - Exam/Treatment Rooms (Isolation) - Isolation Room	1	4.6	4.6	Ensuite	3	-
3.02.06	PRC-2	Exam/Treatment Pod No. 1 - Procedure Room (Isolation)	1	16.5	16.5	Negative pressure isolation exam/treatment room with four-sided access, also equipped with ceiling mounted patient lift track for a bariatric patient and associated bariatric design; for minor treatments and procedures.	3	-
3.02.07	PPE-1	Exam/Treatment Pod No. 1 - Procedure Room (Isolation)- PPE Prep Alcove	1	2	2	Contiguous with procedure room; includes hand hygiene sink, personal protection and equipment (PPE) organizer, hamper for soiled materials.	3	-
3.02.08	WRS-2	Exam/Treatment Pod No. 1 - Procedure Room (Isolation) - Patient Washroom	1	4.6	4.6	Wheelchair accessible, contiguous with procedure room.	3	-
3.02.09	CLU-1	Exam/Treatment Pod No. 1 - Clean Utility Room	1	5.5	5.5	Storage of clean and sterile supplies	3	-
3.02.10	SLU-1	Exam/Treatment Pod No. 1 - Soiled Utility Room	1	6	6	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal	3	-
3.02.11	WRS-2	Exam/Treatment Pod No. 1 - Patient Washroom	1	4.6	4.6		3	-
3.02.12	EXT-1	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Standard)	9	12	108	Point of care supply in each room. Rooms should have access for patients off of public corridors, and access for clinicians off of collaborative staff work areas.	3	-
3.02.13	EXT-3	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Isolation)	1	13	13	Negative Pressure, with Bariatric Capability, Point of care supply in each room	3	-
3.02.14	PPE-1	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Isolation) - PPE Alcove	1	2	2	Contiguous personal protection and equipment alcove.	3	3.02.13
3.02.15	WRS-2	Exam/Treatment Pod No. 2 - Exam/Treatment Rooms (Isolation) - Isolation Washroom	1	4.6	4.6	Ensuite	3	-
3.02.16	PRC-1	Exam/Treatment Pod No. 2 - Procedure Room (Isolation)	1	23	23	Negative pressure isolation exam/treatment room with three-sided access; for minor procedures and wound care. Located close to Medical Day Care Unit.	3	-
3.02.17	PPE-1	Exam/Treatment Pod No. 2 - Procedure Room (Isolation) - PPE Alcove	1	2	2	Contiguous with procedure room; includes hand hygiene sink, personal protection and equipment (PPE) organizer, hamper for soiled materials.	3	3.02.16
3.02.18	WRS-2	Exam/Treatment Pod No. 2 - Procedure Room (Isolation) - Patient Washroom	1	4.6	4.6	Wheelchair accessible, contiguous with procedure room.	3	-
3.02.19	CLU-1	Exam/Treatment Pod No. 2 - Clean Utility Room	1	5.5	5.5	Storage of clean and sterile supplies	3	-
3.02.20	SLU-1	Exam/Treatment Pod No. 2 - Soiled Utility Room	1	6	6	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal	3	-
3.02.21	WRS-2	Exam/Treatment Pod No. 2 - Patient Washroom	1	4.6	4.6		3	-
3.03 COLLABORATIVE WORK SPACES								
3.03.01	WKS-1	Work Area - Pod No. 1 - Workstations	10	4.5	45	4 Clinical Program Assistants, 3 RN's, 3 Visiting Specialist	3	-
3.03.02	OFF-5	Work Area - Pod No. 1 - Office	14	7.5	105	11 Physician and 3 NP's	3	-
3.03.03	HHS-1	Work Area - Pod No. 1 - Hand Hygiene Sink	1	1	1	For staff work area.	4	-
3.03.04	OEQ-1	Work Area - Pod No. 1 - Alcove	1	4	4	Office equipment.	4	-
3.03.06	WKS-1	Work Area - Pod No. 2 - Workstations	11	4.5	49.5	4 Clinical Program Assistants, 4 RN's, 3 Visiting Specialist	4	-
3.03.07	OFF-5	Work Area - Pod No. 2 - Office	14	7.5	105	10 Physician and 4 NP's	4	-
3.03.08	HHS-1	Work Area - Pod No. 2 - Hand Hygiene Sink	1	1	1	For staff work area.	4	-

3.03.09	OEQ-1	Work Area - Pod No. 2 - Alcove	1	4	4	Office equipment.	4	-
3.03.10	OFF-1	Clinical Coordinator	1	9.3	9.3		4	-
3.03.11	OFF-1	Ambulatory Care Managers	2	9.3	18.6		4	-
3.03.12	OFF-1	Clinical Supervisor	1	9.3	9.3		5	-
3.04	SHARED CLINIC SUPPORT SPACES							
3.04.01	CFR-2	Conference Room	1	30	30	Seating for 15-18 persons. To be accessible near the entry to the clinic for group medical appointments and for staff meetings	3	-
3.04.02	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes small Pyxis machine.	3	8.01.05
3.04.03	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, mop cleaning.	3	-
3.04.04	STO-1	Equipment Storage Room	1	12	12	Storing and staging of mobile equipment used in the clinics. Must be centrally located and easily accessible from each treatment pod.	3	-
3.04.05	MEA-1	Mobile Equipment Alcove	2	4.6	9.2	Temporary holding of stretchers, wheelchairs or mobile equipment.	3	-
3.04.06	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, 6 chairs.	4	-
3.04.07	LKR-1	Staff Lockers (Alcove)	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstations.	4	-
3.04.08	WRS-2	Staff Washroom	4	4.6	18.4	Wheelchair accessible.	4	-
3.04.09	STO-1	Supply Storage	1	5	5	For dressings, etc. and storage used by the Wound Care Nurse.	5	-
3.05	MEDICAL DAY CARE UNIT							
3.05.01	WKS-1	Reception/Staff Work Area - Provider Charting Workstation	3	3.7	11.1	Touchdown workstation. For Registered Nurse (OPAT), Registered Nurse (Chemo/IV Therapy), Registered Nurse (Wound Care).	3	-
3.05.02	OEQ-1	Reception/Staff Work Area-Office Equipment Alcove	1	4	4	Fax/copier/printer etc.	3	-
3.05.03	PNT-1	Reception/Staff Work Area - Pneumatic Tube	1	2	2		3	-
3.05.04	OFF-1	Clinic Coordinator Office	1	9.3	9.3		3	-
3.05.05	OFF-1	Cancer patient Navigator Office	1	9.3	9.3	Could be based in alternate location.	3	-
3.05.06	WTA-1	Medical Day Care Sub-Waiting Area	1	6	6	Seating for up to four persons, coat rack, directly adjacent to reception/staff work area.	5	-
3.05.07	MDC-2	Treatment Room (Recliner Chair)	2	13	26	Enclosed room with recliner chair; includes hand hygiene sink.	3	8.01.05, 8.01.08, 8.01.10, 2.06.09
3.05.08	WRS-2	Patient Washroom	1	4.6	4.6		4	-
3.05.09	MDC-1	Treatment Cubicle (Recliner Chair)	4	11	44	Semi-enclosed cubicle with recliner chair; could be configured into 2 pods separated by staff work area. Curtains not recommended due to infection control issues. Include Hand Hygiene Stations in Treatment Area. See CSA Z-8000-11 Table 9.1 Item 8.	1	8.01.05, 8.01.08, 8.01.10, 2.06.09
3.05.10	WRS-2	Patient Washroom	1	4.6	4.6	To be shared and accessible between all 6 treatment rooms; wheelchair accessible.	4	-
3.05.11	KTC-1	Nourishment Alcove	--	0	--	Shared with Renal Care Unit.	4	-
3.05.12	MEA-1	Mobile Equipment Alcove	1	4.6	4.6	For staging of stretchers/wheelchairs.	5	-
3.06	RENAL CARE UNIT							
3.06.01	WKS-1	Reception/Staff Work Area: Workstation	3	3.7	11.1	Three shared touch-down workstations for nursing staff and other providers, including 2 Registered Nurses (Hemodialysis).	1	-
3.06.02	OEQ-1	Reception/Staff Work Area: Office Equipment Alcove	0	1.9		Shared with Medical Day Care Unit	1	-
3.06.03	PNT-1	Reception/Staff Work Area: Pneumatic Tube	0	2		Shared with Medical Day Care Unit	1	-
3.06.04	OFF-1	Offices: Clinical Coordinator	1	9.3	9.3		1	-
3.06.05	OFF-1	Offices: Nurse Practitioner (Renal Insufficiency Clinic)	1	9.3	9.3		1	-
3.06.06	DYS-1	Treatment Station (Open Recliner Chair)	3	7.5	22.5	Flexible, open cubicles each with recliner chair, intended for community dialysis social treatment area. 2400 from centre to centre of recliners, and 1500 mm clear between recliners. See CSA Z-8000-11 Table 9.2. Item 1	4	3.06.15
3.06.07	DYS-1	Treatment Station (Patrial Walls)	2	11	22	Flexible, semi-enclosed cubicles each with recliner chair. See CSA Z-8000-11 Table 9.2.	3	3.06.15
3.06.08	HHS-1	Hand Hygiene Sink	2	1	2	One between each two to three treatment cubicles.	3	-
3.06.09	WRS-1	Patient Washroom	1	4.6	4.6	Wheelchair accessible.	2	-
3.06.10	EXT-3	Treatment /Procedure Area: Isolation Treatment Room	1	16.5	16.5	Flexible room with a contiguous PPE alcove and washroom; can also be used as a negative pressure exam/treatment room; must be stretcher accessible. See CSA Z-8000-11 Table 9.2. Item 2	3	3.06.15, 3.06.11, 3.06.12
3.06.11	PPE-1	Treatment /Procedure Area: Isolation Treatment Room - PPE Prep Alcove	1	2	2	Immediately outside the procedure room (isolation); includes hand hygiene sink, personal protection and equipment (PPE) organizer, and container for soiled materials.	5	3.06.10
3.06.12	WRS-1	Treatment /Procedure Area: Isolation Treatment Room- Patient Washroom	1	4.6	4.6	Wheelchair accessible; contiguous with treatment/procedure room.	3	3.06.10
3.06.13	KTC-1	Nourishment Alcove	1	4.6	4.6	Storage and preparation of patient snacks; sink, counter for coffeemaker, and under counter refrigerator.	4	-
3.06.14	MEA-1	Mobile Equipment Alcove	1	4.6	4.6		4	-
3.06.15	DYS-2	Water Treatment Room	1	20	20	Sized to provide treated water to future dialysis station in ICU.	1	-
3.06.16	---	Wheelchair Scale Alcove	1	2	2		4	-
3.06.17	MEA-1	Wheelchair/Scooter Parking	1	6	6	Dedicated area for wheelchairs and scooters brought in by the patients.	4	-

3.07 SHARED SUPPORT SPACE								
3.07.01	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes small Pyxis machine. Shared by medical day care and renal unit.	1	-
3.07.02	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	1	-
3.07.03	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.	2	-
3.07.04	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, supplies, mop cleaning.	3	-
3.07.05	STO-1	Equipment Storage Room	1	12	12	Storage and staging of mobile equipment used in the clinics.	4	-
3.07.06	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, 6 chairs.	4	-
3.07.07	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	5	-
4.00 Surgery and Special Procedures								
4.01 SURGERY SUITE								
4.01.01	PRC-3	Surgical Procedure Room	2	38	76	Per CSA Z8000 for four-sided access procedure room; includes space for optional fixed imaging and control alcove. Standard Surgical Procedure Rooms shall be of the same size and same-handed orientation.	1	4.01.24, 4.01.05, 4.01.11, 10.06.17, 10.06.13
4.01.02	PRC-4	Surgical Operating Room (Hybrid)	1	70	70	Per CSA Z8000 for hybrid operation/imaging procedure room.	1	4.01.03, 4.01.04, 4.01.24, 4.01.05, 4.01.11, , 10.06.17, 10.06.13
4.01.03	---	Control Room	1	14	14	Contiguous with hybrid operating room.	1	4.01.02
4.01.04	---	Computer Room	1	10	10	Contiguous with hybrid operating room.	1	4.01.02
4.01.05	ORS-10	Sterile Core	1	27.9	27.9	Requires 7.5 to 9.2 NSM per surgical procedure room exclusive of circulation.	1	-
4.01.06	ORS-9	Scrub Station (2 sinks)	3	1.6	4.8	Pair of two scrub sinks per operating/procedure room.	1	-
4.01.07	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	1	-
4.01.08	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing or disposal.	1	-
4.01.09	ORS-1	Clean Case Cart Holding	1	10.8	10.8	Staging of nine clean case carts.	1	-
4.01.10	ORS-2	Soiled Case Cart Holding	1	10.8	10.8	Temporary removal of nine soiled case carts until removal from surgery.	1	-
4.01.11	MEA-2	Anesthesia Support Equipment Alcove	1	2	2	To accommodate spare anesthesia machine.	1	-
4.01.12	ORS-4	Anesthesia Office	1	9.3	9.3	Per CSAZ8000. Should be accessible from hallway within surgery/day procedure zone.	1	-
4.01.13	ORS-5	Frozen Section Laboratory	1	7.4	7.4	To provide intra-operative analysis of surgical specimens by visiting pathologist: required telemedicine technology. Requires access from both the sub sterile corridor and general staff circulation.	1	-
4.01.14	STO-1	Equipment Storage Room	1	14	14	Per CSA Z8000: storage of portable X-ray equipment, stretchers, warming devices, pumps etc.	1	-
4.01.15	PNT-1	Pneumatic Tube	1	2	2		2	-
4.01.16	MEA-2	Mobile Equipment Room	1	4.6	4.6	For mobile equipment with electrical support.	2	-
4.01.17	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, floor-level sink, shelving for supplies.	2	-
4.01.18	WKS-1	Surgery Communication Centre: Provider Charting Workstation	2	3.7	7.4	Touchdown stations for providers working in surgery suite.	2	-
4.01.19	WKS-2	Surgery Communication Centre: Clinical Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.	2	-
4.01.20	WKS-2	Surgery Communication Centre: Operating Room Supply Coordinator	1	4.5	4.5	Dedicated workstation.	3	-
4.01.21	OEQ-1	Surgery Communication Centre: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.	3	-
4.01.22	HHS-1	Surgery Communication Centre: Hand Hygiene Sink	1	1	1		2	-
4.01.23	EXT-4	Patient Holding/Staging Cubicle	1	7.5	7.5	Staging/holding of patients on stretchers arriving from an inpatient unit.	2	-
4.01.24	WKS-1	Post Anesthesia Recovery (Stage 1): Provider Charting Workstation	2	3.7	7.4	Touchdown stations for providers working in the prep/recovery area.	3	4.01.01, 4.01.02
4.01.25	HHS-1	Post Anesthesia Recovery (Stage 1): Hand Hygiene Sink	3	1	3	One shared between each three to four stretcher cubicles.	4	4.01.01, 4.01.02
4.01.26	ORS-6	Post Anesthesia Recovery (Stage 1): Clean Supply/Medication Alcove	1	4.6	4.6	Medication storage and preparation/storage of clean supplies.	4	-
4.01.27	ORS-7	Post Anesthesia Recovery (Stage 1): Soiled Holding Alcove	1	3.7	3.7	Storage of soiled linen cart and waste bins.	4	-
4.01.28	EXT-5	Post Anesthesia Recovery (Stage 1): Stretcher Cubicle	4	9.5	38	Semi-enclosed to provide acoustical separation between cubicles with curtain enclosure. Provide 3 Sided Access	2	-
4.01.29	EXT-6	Post Anesthesia Recovery (Stage 1): Stretcher Cubicle w/ isolation/anteroom	1	18.9	18.9	Includes airborne isolation and anteroom (13.9NSM + 5.0 NSM for anteroom as per CSA Z8000 Table 9.5).	4	-
4.01.30		Male Staff Lockers/Changing Area: Entry Vestibule	1	2.8	2.8		4	-
4.01.31		Male Staff Lockers/Changing Area: Coat Rack/Boot Storage	1	1.9	1.9		4	-
4.01.32		Male Staff Lockers/Changing Area: Lockers	10	0.9	9	Full width lockers.	4	-

4.01.33		0	Male Staff Lockers/Changing Area: Hand Hygiene Sink	1	1	1	In addition to staff washroom.	4	-
4.01.34		0	Male Staff Lockers/Changing Area: Staff Washroom	1	2.8	2.8		4	-
4.01.35		0	Male Staff Lockers/Changing Area: Staff Washroom/Shower	1	6	6	Washroom with shower stall.	4	-
4.01.37		0	Female Staff Lockers/Changing Area: Entry Vestibule	1	2.8	2.8		4	-
4.01.38		0	Female Staff Lockers/Changing Area: Coat Rack/Boot Storage	1	1.9	1.9		4	-
4.01.39		0	Female Staff Lockers/Changing Area: Lockers	20	0.9	18	Full width lockers.	4	-
4.01.40		0	Female Staff Lockers/Changing Area: Hand Hygiene Sink	1	1	1	In addition to staff washroom.	4	-
4.01.41		0	Female Staff Lockers/Changing Area: Staff Washroom	1	2.8	2.8		5	-
4.01.42		0	Female Staff Lockers/Changing Area: Staff Washroom/Shower	1	6	6	Washroom with shower stall.	5	-
4.01.43	KTC-2		Staff Lounge	1	23.8	23.8	Existing room size/configuration could be maintained.	5	-
4.01.44	WRS-1		Post Anesthesia Recovery (Stage 1): Patient Washroom	1	4.6	4.6	Patient washroom adjacent to the Post Anesthesia Recovery area, wheelchair accessible.	3	-
4.02	DAY PROCEDURE UNIT								
4.02.01	WTA-1		Reception/Staff Work Area: Family/Visitor Lounge	1	31	31	Primarily to support day procedure unit and surgery family waiting; also used for outpatient sub waiting area; seating for up to 20 with two wheel chair/bariatric seats. Within view of reception/staff work area.	2	-
4.02.02	WKS-2		Reception/Staff Work Area: Clinical Workstation	1	4.5	4.5	Unit clerk. Designed as clinical workstation and reception. Requires direct view into waiting area.	2	-
4.02.03	WKS-1		Reception/Staff Work Area: Provider Charting Workstation	3	3.7	11.1	Touchdown stations for providers working in DPU.	2	-
4.02.04	WKS-3		Reception/Staff Work Area: Physician Dictation Cubicle	1	4.5	4.5	Semi-enclosed.	2	-
4.02.05	WKS-2		Reception/Staff Work Area: Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.	2	-
4.02.06	OEQ-2		Reception/Staff Work Area: Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment.	2	-
4.02.07	HHS-1		Reception/Staff Work Area: Hand Hygiene Sink	1	1	1		2	-
4.02.08	PNT-1		Pneumatic Tube	1	2	2		2	-
4.02.09	WTA-1		Outpatient Sub-Waiting Alcove	1	8	8	Seating for up to six persons with coat rack/alcove: directly adjacent to the staff work area.	2	-
4.02.10	INT-1		Patient Intake Alcove	1	5.6	5.6	Initial assessment (height/weight, vital signs etc.); hand hygiene sink.	2	-
4.02.11	PRC-2		Procedure Room (GI Endoscopy)	2	23	46	GI endoscopies; four-sided access; Connect both procedure rooms with door access.	2	4.02.21, 4.02.12, 10.06.09, 10.06.11
4.02.12	DPU-1		Scope Storage Room	1	7.2	7.2	Accessible from both endoscopy rooms and pass through cabinet opening onto internal circulation.	2	10.06.09, 10.06.11
4.02.13	PRC-2		Procedure Room (Multipurpose)	1	23	23	Cystoscopies and other adult and pediatric procedures; four-sided access. Will accommodate the NOW procedures.	3	10.06.17, 10.06.10, 10.06.13
4.02.14	WTA-1		NOW Waiting Area	1	3	3		3	-
4.02.15	EXT-5		3 Bay Recovery Area	1	21.2	21.2	Equipped with chairs and minimum 7' wide. Used for NOW patients and for other patients who do not require access to a stretcher (e.g. cystoscopies, cataract surgeries).	3	-
4.02.16	WKS-4		Office Workstation	1	5.2	5.2	To accommodate NOW program.	4	-
4.02.17	WRS-2		Patient Washroom	2	4.6	9.2	One contiguous with the multipurpose procedure room and the other adjacent to the two GI endoscopy procedure rooms; wheelchair accessible.	3	-
4.02.18	MEA-1		Mobile Equipment Alcove	1	4.6	4.6	Storage of a stretcher or mobile equipment with electrical support.	3	-
4.02.19	WKS-1		Patient Intake/Prep/Recovery (Stage 2): Staff Charting Workstation	2	3.7	7.4	Touchdown stations for providers working in the prep/recovery area.	4	-
4.02.20	HHS-1		Patient Intake/Prep/Recovery (Stage 2): Hand Hygiene Sink	3	1	3	One shared between each three to four stretcher cubicles. Design not to consider separation of 3 stretchers for NOW program.	3	-
4.02.21	EXT-5		Patient Intake/Prep/Recovery (Stage 2): Stretcher Cubicles	12	9.5	114	Semi-enclosed to provide acoustical separation between cubicles with curtain enclosure.	3	-
4.02.22	WRS-2		Patient Intake/Prep/Recovery (Stage 2): Stretcher Room	1	13	13	With negative pressure stretcher bay.	3	4.02.24

4.02.23	KTC-1	Patient Intake/Prep/Recovery (Stage 2): Nourishment Alcove	1	4.6	4.6	To serve snacks to patients waiting to be discharged; will need an ice cream machine.	3	-
4.02.24	WRS-2	Patient Intake/Prep/Recovery (Stage 2): Ensuite washroom	1	4.6	4.6	In negative pressure stretcher room.	3	-
4.02.25	WRS-1	Patient Intake/Prep/Recovery (Stage 2): Patient Washroom	2	4.6	9.2	Wheelchair accessible.	4	-
4.02.26	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	2	-
4.02.27	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing or disposal.	1	-
4.02.28	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes Pyxis machine.	4	-
4.02.29	STO-1	Equipment Storage Room	1	12	12	Could be located elsewhere in floor or combined with another functional component.	4	-
4.02.30	HSK-1	Housekeeping Closet	1	7	7	Housekeeping cart, floor level sink and shelving for supplies.	4	-
4.02.31	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, and four to six chairs.	4	-
4.02.32	LKR-1	Staff Locker Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff members without dedicated workstation.	4	-
4.02.33	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	5	-
5.00	Outpatient Rehabilitation Centre							
5.01	OUTPATIENT REHABILITATION CENTRE							
5.01.01	WTA-1	Patient Reception/Staging Area: Waiting Area	1	31	31	Seating for up to 20 persons with two wheelchair/bariatric seats; directly adjacent to the staff work area.	3	-
5.01.02		Patient Reception/Staging Area: Records and Office Storage	1	9.3	9.3	Active files, mail, office supplies	3	-
5.01.03	OEQ-2	Patient Reception/Staging Area: Office Equipment Alcove	1	6	6	Printer/copier/fax and other related equipment.	3	-
5.01.04	WKS-2	Patient Reception/Staging Area: Reception/Clerical Workstation	1	3.7	3.7	Reception/check-in desk.	3	-
5.01.05	WTA-2	Patient Reception/Staging Area: Child Play Alcove	1	5	5		3	-
5.01.06	DXS-1	Patient Reception/Staging Area: Patient Washroom	1	4.6	4.6	With change table	3	-
5.01.07	WKS-2	Staff Work Area (Physio/Occ. Therapy): Provider Charting Workstation	8	3.7	29.6	Touchdown stations for physiotherapists.	3	-
5.01.08	WKS-2	Staff Work Area (Physio/Occ. Therapy): Provider Charting Workstation	9	3.7	33.3	Touchdown stations for occupational therapists.	3	-
5.01.09	WKS-2	Staff Work Area (Physio/Occ. Therapy): Clerical Workstation	2	3.7	7.4	Program assistants (physiotherapy and occupational therapy)	3	-
5.01.10	OEQ-1	Staff Work Area (Physio/Occ. Therapy): Office Equipment Alcove	1	4	4	Printer/copier/fax and other related equipment.	3	-
5.01.11	OFF-1	Office: Outpatient Rehabilitation Centre Manager	1	9.3	9.3		3	-
5.01.12	OFF-1	Office: Supervisor OT	1	9.3	9.3		3	-
5.01.13	OFF-1	Office: Supervisor PT	1	9.3	9.3		3	-
5.01.14	OFF-1	Office: Supervisor SLP	1	9.3	9.3		3	-
5.01.15	EXT-1	Exam/Treatment Room (Standard)	2	12	24	Private exam/treatment for PT/OT with plinths (treatment beds)	3	-
5.01.16	CSL-1	Consult Room	1	11	11	Shared OT/PT	3	-
5.01.17		Physical Therapy Treatment Cubicles: Standard	7	8.5	59.5	As per CSAZ8000	3	-
5.01.18		Physical Therapy Treatment Cubicles: Large/Bariatric	4	9.5	38	As per CSAZ8000	3	-
5.01.19		Charting Stations	2	1.4	2.8		3	-
5.01.20	RHB-1	Open Treatment Gym	1	90	90	Open area with plinths, parallel bars, stair, and wall-mounted and floor-mounted exercise equipment. Includes island with double utility sink, ice machine charting workstation	4	-
5.01.21		Equipment Alcove	1	8	8	Used for modality carts, opening off gym	4	-
5.01.22	HHS-1	Hand Hygiene Sink	2	1	2	Easily accessible from gym and treatment cubicles.	4	-
5.01.23	STO-1	Equipment Storage Room (Gym)	1	16	16	Contiguous with open treatment gym. For walkers, crutches, braces etc.	4	-
5.01.24	RHB-2	Whirlpool Room	1	8.5	8.5	Portable whirlpool bath, wax bath	4	-
5.01.25	RHB-3	Occupational Therapy Activity Room	1	67	67	3 large cubicles, upper extremity station, work counter with utility sink, includes room for mobile equipment	4	-
5.01.26	STO-1	Occupational Therapy Workshop	1	20	20	Adjacent to the occupational therapy activity room; work counter with utility sink, grinder, fume hood (for work with glues, solvents), hazardous goods cabinet	4	-
5.01.27		Small Paediatric Exam/Treatment Room	1	12	12	Private exam/treatment for paediatric patients	4	-
5.01.28	WKS-1	Viewing Console	1	4.5	4.5	Contiguous with viewing window into both paediatric rooms.	4	-

5.01.29		0	Large Paediatric Treatment Room	1	40	40	Gross motor activity, suspension equipment	4	-
5.01.30	HHS-1		Hand Hygiene Sink	2	1	2	Easily accessible from OT work areas	4	-
5.01.31	WRS-2		Patient Washroom	2	4.6	9.2	Wheelchair accessible, for all rehab components	4	-
5.01.32	STO-1		Equipment Storage Room (OT Paediatric)	1	8	8	Contiguous with large paediatric treatment room.	4	-
5.01.33	STO-1		Equipment Storage Room (OT Adult)	1	8	8	Soft goods; near OT activity and exam rooms, plus access to off-site storage in warehouse.	4	-
5.01.34	STO-1		Equipment Storage Room (OT Adult)	1	16	16	ADL equipment, plus access to off-site storage in warehouse.	4	-
5.01.35	WKS-1		Provider Work Area (SLP/Audiology): Workstations	7	3.7	25.9	One dedicated office/cubicle per speech language pathologist; off-stage.	4	-
5.01.36	WKS-1		Provider Work Area (SLP/Audiology): Workstations	2	3.7	7.4	One dedicated office/cubicle per audiologist; off-stage.	4	-
5.01.37	WKS-1		Provider Work Area (SLP/Audiology): Workstation	1	3.7	3.7	Program assistant (speech language pathology); off-stage.	4	-
5.01.38	WKS-1		Provider Work Area (SLP/Audiology): Workstation	1	3.7	3.7	Hearing aid practitioner; off-stage.	4	-
5.01.39	OEQ-1		Provider Work Area (SLP/Audiology): Office Equipment Alcove	1	4	4		4	-
5.01.40	RHB-4		SLP/Audiology Testing Suite: Audiology Sound Booth	1	16	16	Prefab sound booth with 2 rooms	4	-
5.01.41		0	SLP/Audiology Testing Suite: Mini Sound Booth	1	12	12	Booth plus station for operator and work station for hearing aid fitting, viewing window, hand hygiene sink	4	-
5.01.42		0	SLP/Audiology Testing Suite: Multi-purpose testing room	1	12	12	ABR (no electrical interference), VNG, hand hygiene sink, work station; and future mini sound booth	4	-
5.01.43		0	Audiology Workshop	1	15	15	Hearing aid fitting room; near the audiology testing suite; includes hand hygiene sink.	4	-
5.01.44	CSL-1		Consult/Assessment Room	4	11	44	Shared by the speech language pathologists, audiologists, and child development team for individual consults and team/family conferences; telehealth capability	4	-
5.01.45	WKS-1		Viewing Console	1	4.5	4.5	Contiguous with viewing window into two of the consult assessment rooms.	4	-
5.01.46	STO-1		Equipment Storage Room (SLP/Audio.)	1	8	8	In SLP/Audiology zone	4	-
5.01.47	WKS-1		Staff Work Area (Child Dev. Team): Workstation	1	3.7	3.7	Child development team coordinator; semi-enclosed.	4	-
5.01.48	WKS-1		Staff Work Area (Child Dev. Team): Workstation	1	3.7	3.7	Fetal alcohol spectrum disorders (FASD) family liaison; semi-enclosed.	4	-
5.01.49	WKS-1		Staff Work Area (Child Dev. Team): Workstation	1	3.7	3.7	Shared by family counselor, social worker, and neuropsychologist.	4	-
5.01.50	HSK-1		Housekeeping Closet	1	7	7	Housekeeping cart, supplies, and mop cleaning.	5	-
5.01.51	STO-1		Equipment Storage Room	1	8	8	For travelling equipment	5	-
5.01.52	CLU-1		Clean Utility Room	1	11	11	Storage of clean and sterile supplies; could be subdivided; temporary staging of supplies and equipment.	5	-
5.01.53	SLU-1		Soiled Utility Room	1	12	12	Temporary storage of supplies to be moved for cleaning, reprocessing, or disposal.	5	-
5.01.54		0	Laundry Room	1	6	6	Washer, dryer, utility sink, storage shelving.	5	-
5.01.55	CFR-1		Conference Room	1	20	20	Seating for 12 persons, telehealth capability.	5	-
5.01.56	KTC-2		Staff Room	1	12	12	Kitchenette, dining table, and six chairs.	5	-
5.01.57	LKR-1		Staff Coats & Boots	33	0.6	19.8	Could be broken into several areas	5	-
5.01.58	WRS-2		Staff Washroom	2	4.6	9.2	Wheelchair accessible.	5	-
6.00	Critical Care Services								
6.01	OUTPATIENT TRIAGE AREA								
6.01.01	---		Ambulance Entrance Area: Ambulance Garage	1	80	80	Minimum area as per CSA Z8000. To be a completely enclosed, heated, drive-through garage, with services and drainage to allow washdown (including adequate hose-bib connections), and planned to accommodate mass-triage	1	-
6.01.02	EMG-1		Ambulance Entrance Area: Ambulance Entrance Vestibule	1	11	11	Entrance for patients on stretchers arriving by ambulance with access to the triage area.	1	-
6.01.03	OFF-1		Ambulance Entrance Area: Office/Staging Area	1	9.3	9.3	For use by police and EMS staff; adjacent to ambulance entrance. Includes firearm storage	1	-
6.01.04	EMG-2		Walk-In Entrance Vestibule	1	7	7	Main ED entrance for patients/visitors who are ambulatory.	1	-
6.01.05	EMG-3		Decontamination Room	1	10	10	Enclosed room exhausted to exterior - Serviced w/ water, deluge shower, eye wash station - Hamper for containment of bio hazardous items/garments - Direct access from Ambulance Bay	4	-
6.01.06	MEA-1		Mobile Equipment Alcove	1	4.6	4.6	Accessible from the walk-in entrance and triage workstation but out of view of general waiting area; for staging of wheelchairs/stretchers primarily.	3	-
6.01.07	WTA-1		Triage/Registration Area: Isolated Triage Sub-Waiting Area	1	6	6	Space for two chairs and a bariatric wheelchair; adjacent to the triage/exam room, for contact isolation of people waiting	4	-

6.01.08	WKS-2	Triage/Registration Area: Registration/Unit Clerk Workstation	1	4.5	4.5	Immediately adjacent to the walk-in and ambulance entrances and contiguous with the triage workstation.	3	-
6.01.09	OEQ-2	Triage/Registration Area: Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment.	3	-
6.01.10	WKS-1	Triage/Registration Area: Security/Police Workstation	1	9.3	9.3	Workstation for security guard, police, etc.; should be adjacent to triage/registration workstations.	3	-
6.01.11	WKS-1	Triage/Registration Area: Triage Workstation	1	3.7	3.7	Immediately adjacent to the walk-in and ambulance entrances with passage to the acute treatment area; computer workstation and storage for triage supplies.	3	6.01.12
6.01.12	EXT-1	Triage/Registration Area: Triage Assessment Room	1	12	12	Contiguous with the triage workstation.	3	6.01.11
6.01.13	WRS-2	Triage/Registration Area: Patient Washroom	1	4.6	4.6	Contiguous with the triage assessment room; may be used for urine specimen collection; wheelchair accessible.	3	-
6.01.14	WTA-1	General Waiting Area: Family/Visitor Lounge	1	30	30	Seating for up to 20 persons with space for two wheelchairs and a bariatric seat; amenity station and coat rack.	3	-
6.01.15	WTA-2	General Waiting Area: Child Play Alcove	1	5	5	Contiguous with the general waiting area; small alcove with child's table and chairs, books, and small toys for quiet play.	3	-
6.01.16	EMG-4	General Waiting Area: Phone/Communications Carrel	2	1.9	3.8	Alcove adjacent to the general waiting area for private phone conversations and/or recharging of handheld communications devices.	4	-
6.01.17	EMG-5	Family Consult/Bereavement Room	1	12	12	Adjacent to the general waiting area.	3	-
6.01.18	WRS-2	Public Washroom	2	4.6	9.2	Near the general waiting area; wheelchair accessible.	4	-
6.02	MINOR TREATMENT AREA							
6.02.01	WKS-1	Reception/Staff Work Area: Provider Charting Workstation	2	3.7	7.4		2	-
6.02.02	WKS-3	Reception/Staff Work Area: Physician Dictation/Consult Alcove	1	4.5	4.5	Private alcove for phone consult with PACS workstation.	2	-
6.02.03	OEQ-1	Reception/Staff Work Area: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.	2	-
6.02.04	HHS-1	Reception/Staff Work Area: Hand Hygiene Sink	1	1	1		2	-
6.02.05	WTA-1	Minor Treatment Sub-Waiting Area	1	6	6	Seating for up to four persons; directly adjacent to the staff work area.	2	-
6.02.06	EXT-5	Exam/Treatment Cubicle (General)	3	12	36	Standard exam room. Used with Acute Care for Rapid Assessment.	2	-
6.02.07	EMG-10	Psychiatric Exam/Consult Room	1	12	12	Located close to triage station. Soft furnishings required.	3	-
6.02.08	EMG-6	Suture/Casting Room (Two Bays)	1	14.8	14.8	Private room with two bays with plaster trap/sink and suture/casting cart; could be designed to flex for a bariatric patient.	3	-
6.02.09	WRS-2	Patient Washroom	1	4.6	4.6	Central to exam/treatment spaces; wheelchair accessible.	2	-
6.02.10	CLU-1	Clean Utility Room	--	11	--	Shared with Acute Care Area; storage of clean and sterile supplies.	3	-
6.02.11	SLU-1	Soiled Utility Room	--	12	--	Shared with Acute Care Area; temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.	3	-
6.02.12	MED-1	Medication Room	--	12	--	Medication preparation, large Pyxis unit, locked narcotics storage, and refrigerator/freezer; shared with Acute Treatment Area.	4	-
6.03	ACUTE TREATMENT AREA							
6.03.01	WKS-2	Communication Centre: Unit Clerk Workstation	1	4.5	4.5	Dedicated workstation for the Unit Clerk.	1	-
6.03.02	WKS-1	Communication Centre: Provider Charting Workstation	4	3.7	14.8		1	-
6.03.03	WKS-4	Communication Centre: Physician Dictation Alcove	1	4.5	4.5	Private alcove with PACS workstation.	1	-
6.03.04	OEQ-1	Communication Centre: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.	1	-
6.03.05	HHS-1	Communication Centre: Hand Hygiene Sink	1	1	1		1	-
6.03.06	EMG-7	Trauma/Resuscitation Room	1	56	56	Enclosed AIR room with sliding doors and two treatment bays (at 28.0 NSM each per CSA Z8000); shared touch-down workstations and medication/supply storage; negative pressure. Ceiling lift required. Provision for future radiology unit.	1	2.02.12, 2.02.13, 2.02.20, 2.06.02, 2.06.09
6.03.07	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Adjacent to the trauma/resuscitation room.	1	-
6.03.08	EXT-1	Exam/Treatment Room (General)	2	12	24	General exam/treatment room; also used for pediatrics and/or disruptive patients.	1	-
6.03.09	EXT-3	Airborne Isolation Suite: Exam/Treatment Room (Isolation)	1	13	13	Airborne isolation exam/treatment room (AIR); also equipped with ceiling-mounted patient lift track for a bariatric patient.	1	6.03.11
6.03.10	---	Airborne Isolation Suite: PPE Alcove	1	2	2	Immediately outside the exam/treatment room (isolation); includes hand hygiene sink, personal protection and equipment (PPE) organizer, and container for soiled materials.	1	6.03.10

6.03.11	WRS-2	Airborne Isolation Suite: Patient Washroom/Shower	1	4.6	4.6	Contiguous with the exam/treatment room (isolation).	1	6.03.10
6.03.12	EXT-5	Clinical Decision Unit (CDU): Stretcher Cubicle	4	9.5	38	Stretcher holding bay with curtain closure. Must be observable from an Emergency Department staff work station.	1	2.02.12, 2.02.14, 2.02.20
6.03.13	HHS-1	Clinical Decision Unit (CDU): Hand Hygiene Sink	1	1	1		1	-
6.03.14	EXT-1	Ob-Gyn Exam Suite: Exam/Treatment Room (Ob-Gyn)	1	12	12	Private room with ob-gyn exam table.	1	6.03.16
6.03.15	WRS-2	Ob-Gyn Exam Suite: Patient Washroom	1	4.6	4.6	Contiguous with the ob-gyn exam room.	1	6.03.15
6.03.16	EXT-1	Exam/Treatment Room (EENT)	1	15.5	15.5	Per CSA Z8000; private room with exam chair and slit lamp.	2	-
6.03.17	EMG-8	Seclusion Suite: Seclusion/Safe Treatment Room	1	12	12	Private room with fixed floor bed with restraint points; requires observation window with one-way glass.	2	-
6.03.18	WRS-2	Seclusion Suite: Patient Washroom	1	4.6	4.6	Contiguous with the seclusion/safe exam room.	2	-
6.03.19	WRS-2	Patient Washroom	2	4.6	9.2	Easily accessible from exam/treatment spaces and CDU.	3	6.03.19
6.03.20	CLU-2	Clean Utility Room	1	11	11	Storage of clean and sterile supplies; to be shared with Minor Treatment Area.	1	-
6.03.21	SLU-2	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal; to be shared with Minor Treatment Area.	3	-
6.03.22	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Temporary staging of wheelchairs and other mobile equipment.	3	-
6.03.23	MED-1	Medication Room	1	12	12	Medication preparation, large Pyxis unit, locked narcotics storage, and refrigerator/freezer; shared with ICU and Minor Treatment Area.	3	8.01.05
6.03.24	EMG-9	Lab Accessioning Alcove	1	3.7	3.7	Storage of specimen collection supplies and temporary holding of specimens for laboratory pick-up.	3	-
6.03.25	STO-1	Equipment Storage Room	1	18	18	Shared with ICU; Also used for testing of respiratory equipment; includes medical air, oxygen, etc.	1	-
6.03.26	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; shared with ICU.	3	-
6.03.27	PNT-1	Pneumatic Tube	1	2	2	Shared with Minor Treatment Central Work Area	4	-
6.03.28	WKS-1	CDU: Provider Charting Workstation	1	3.7	3.7	To be adjacent with direct observation to the CDU	3	-
6.04	INTENSIVE CARE UNIT							
6.04.01	OFF-1	Staff Work Area: Office	1	9.3	9.3	Clinical Coordinator.	1	-
6.04.02	WKS-1	Staff Work Area: Provider Charting Workstation	3	3.7	11.1		1	-
6.04.03	WKS-3	Staff Work Area: Physician Dictation Alcove	1	4.5	4.5	Private alcove with PACS workstation.	1	-
6.04.04	OEQ-1	Staff Work Area: Office Equipment Alcove	1	4	4	Printer/copier/fax machine and other related equipment.	1	-
6.04.05	HHS-1	Staff Work Area: Hand Hygiene Sink	1	1	1		1	-
6.04.06	PNT-1	Pneumatic Tube	1	2	2		1	-
6.04.07	ICU-1	Intensive Care Unit Bedroom Suite (Standard): Critical Care Cubicle	4	23.2	92.8	Includes staff charting, hand hygiene sink, and supply alcove; ceiling lifts required. One patient room to include rough-in for future dialysis capability. Requires access to natural light.	2	6.04.22
6.04.08	WRS-2	Intensive Care Unit Bedroom Suite (Standard): Patient Washroom	--	--	--	Deleted 1 critical care cubicle and developed AIR CC Bedroom with anteroom.	1	-
6.04.09	---	Intensive Care Unit Bedroom Suite (Standard): Charting Alcove	--	--	--	Included in bedroom space per HHS.	1	-
6.04.10	---	Intensive Care Unit Bedroom Suite (Standard): Supply Alcove	--	--	--	Included in bedroom space per HHS.	1	-
6.04.11	---	AIR Critical Care Bedroom Suite (One-Bed)	1	23.2	23.2	Requires access to natural light.	2	-
6.04.12	---	AIR Critical Care Bedroom Suite (One-Bed): Anteroom	1	4	4	Includes hand hygiene sink, personal protection and equipment (PPE) organizer, and hamper for soiled materials.	2	6.04.14
6.04.13	---	AIR Critical Care Bedroom Suite (One-Bed): Family Zone	--	--	--	Included in bedroom space.	2	-
6.04.14	---	AIR Critical Care Bedroom Suite (One-Bed): Staff Zone	--	--	--	Included in bedroom space.	2	-
6.04.15	---	AIR Critical Care Bedroom Suite (One-Bed): Washroom/Shower	1	5.6	5.6		2	-
6.04.16	---	High-Dependency Bedroom (One-Bed)	1	23.2	23.2	Requires access to natural light.	3	-
6.04.17	---	High-Dependency Bedroom (One-Bed): Washroom/Shower (Roll-In)	1	5.6	5.6	Optimal; can be reduced to 4.6 NSM for washroom only.	3	-
6.04.18	KTC-1	Nourishment Alcove	1	4.6	4.6	Storage and preparation of patient meals or snacks; shared with ED.	3	-
6.04.19	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	3	-

6.04.20	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.	3	-
6.04.21	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	3	-
6.04.22	WRB-1	Patient Washroom/Shower	1	5.6	5.6	Central to intensive care cubicles.	3	-
6.04.23	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Temporary staging of wheelchairs and other mobile equipment.	4	-
6.04.24	MED-1	Medication Room	--	12	--	Medication preparation, large Pyxis unit, locked narcotics storage, and refrigerator/freezer; shared with Acute Treatment Area.	4	8.01.05
6.04.25	---	ICU: Family Room	1	15	15	Room with seating and kitchenette for family members of ICU patients.	3	-
6.04.26	WRS-1	ICU: Family Washroom	1	4.6	4.6	Adjacent to ICU: family room	3	-
6.04.27	WKS-1	RT Touchdown Station	1	3.7	3.7	Touchdown station for Respiratory Therapist located in ICU	4	-
6.05	SHARED STAFF SUPPORT SPACE							
6.05.01	OFF-1	Office	1	9.3	9.3	For the manager who oversees critical care services.	3	-
6.05.02	OFF-1	Office	1	9.3	9.3	For the Clinical Coordinator who oversees the ED and ICU.	3	-
6.05.03	CFR-1	Conference Room	1	15	15	Seating for eight to ten persons.	4	-
6.05.04	KTC-2	Staff Room	1	12	12	Kitchenette, dining table, and six chairs. To be located centrally for use by all Critical Care Staff.	4	-
6.05.05	WRS-2	Staff Washroom	2	4.6	9.2		5	-
6.05.06	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.	5	-
7.00	Inpatient Services							
7.01	MEDICAL UNIT							
7.01.01	WKS-2	Central Staff Work Area: Clerical Workstation	1	4.5	4.5	Unit clerk.	1	-
7.01.02		Waiting Area	1	6	6	Accommodates 4 people	5	-
7.01.03	WRS-2	Public Washroom	1	4.6	4.6	Wheelchair accessible, adjacent to waiting area.	3	-
7.01.04	WKS-2	Central Staff Work Area: Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.	1	-
7.01.05	WKS-1	Central Staff Work Area: Shared Workstation	4	3.7	14.8	Touch-down workstations for providers working on the unit.	2	-
7.01.06	OEQ-2	Central Staff Work Area: Office Equipment Alcove	1	6	6	Fax/copier/printer and other related equipment.	2	-
7.01.07	HHS-1	Central Staff Work Area: Hand Hygiene Sink	1	1	1		2	-
7.01.08		Central Staff Work Area: Pneumatic Tube	1	2	2		2	-
7.01.09	OFF-1	Office (standard)	1	9.3	9.3	Manager (Medicine).	2	-
7.01.10	KTC-2	Staff Room	1	20	20	Kitchenette, dining table, and six chairs.	2	-
7.01.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.	2	-
7.01.12	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	2	-
7.01.13	CLU-1	Clean Utility Room	2	11	22	Storage of clean and sterile supplies. To be located appropriately in the unit to minimize walking distances.	2	-
7.01.14	SLU-1	Soiled Utility Room	2	12	24	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal. To be located appropriately in the unit to minimize walking distances.	2	-
7.01.15	MED-1	Medication Room	2	12	24	Medication preparation and storage; includes a large Pyxis machine. To be located appropriately in the unit to minimize walking distances.	2	8.01.05
7.01.16	MEA-2	Mobile equipment room	2	2.5	5	To be located appropriately in the unit to minimize walking distances.	2	-
7.01.17	KTC-1	Nourishment Alcove	2	4	8	Storage and preparation of patient snacks. To be located appropriately in the unit to minimize walking distances.	2	-
7.01.18	STO-1	Equipment Storage Room	1	6	6	Contiguous with the multipurpose room.	3	-
7.01.19	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.	3	-
7.01.20	MTP-1	Multipurpose Room	1	28	28	For patient/family activities; also used for telehealth.	3	-
7.01.21	WRB-2	Patient Washroom Tub	1	16	16	For assisted bathing. Patient Lift required.	3	-
7.01.22	WRS-2	Patient Washroom	1	4.6	4.6	Contiguous with the procedure room.	3	-
7.01.23	PRC-1	Procedure Room	1	16.5	16.5	Also used for telehealth.	3	-
7.01.24	BDR-1	Standard Patient Bedroom (One Bed): Bedroom	18	15	270	Standard Bedrooms; Connect 2 bedrooms on each floor with door; continuous handrail from bed to washroom. Patient lift required.	3	7.01.26
7.01.25	---	Standard Patient Bedroom (One Bed): Vestibule	18	5	90		3	-
7.01.26	WRB-1	Standard Patient Bedroom (One Bed): Washroom/Shower (Roll-in)	18	5.6	100.8		3	7.01.24
7.01.27	---	Standard Patient Bedroom (One Bed): Supply Alcove	18	1.4	25.2		3	-
7.01.28	BDR-1	Standard Patient Bedroom (One Bed - Security Room): Bedroom	2	15	30	Two standard bedrooms for which self-harm design principles are applied. Equipped with security features including temporary lock-down, additional monitoring.	3	7.01.30
7.01.29	---	Standard Patient Bedroom (One Bed - Safe Room): Vestibule	2	5	10		3	-

7.01.30	WRB-1	Standard Patient Bedroom (One Bed - Safe Room): Washroom/Shower (Roll-in)	2	5.6	11.2		3	7.01.28
7.01.31	---	Standard Patient Bedroom (One Bed - Safe Room): Supply Alcove	2	1.4	2.8		3	-
7.01.32	BDR-2	Airborne Isolation Room (AIR) Bedroom: Bedroom	5	16.2	81	Continuous handrail from bed to washroom. Patient Lift Required.	3	7.01.33, 7.01.36
7.01.33	---	Airborne Isolation Room (AIR) Bedroom: Anteroom	5	7.5	37.5		3	7.01.32
7.01.34	---	Airborne Isolation Room (AIR) Bedroom: Family Zone	5	3	15		3	-
7.01.35	---	Airborne Isolation Room (AIR) Bedroom: Staff Zone	5	3	15		3	-
7.01.36	---	Airborne Isolation Room (AIR) Bedroom: Washroom/Shower	5	7.5	37.5		3	7.01.32
7.01.37	---	Airborne Isolation Room (AIR) Bedroom: Supply Alcove	5	1.4	7		3	-
7.01.38	BDR-3	Bariatric Patient Bedroom (One Bed): Bedroom	3	16.2	48.6	One of two bariatric bedroom also equipped to provide airborne isolation; gantry ceiling lift systems required.	4	7.01.39, 7.01.42
7.01.39	---	Bariatric Patient Bedroom (One Bed): Anteroom/Vestibule	3	7	21		4	7.01.38
7.01.40	---	Bariatric Patient Bedroom (One Bed): Family Zone	3	3	9		4	-
7.01.41	---	Bariatric Patient Bedroom (One Bed): Staff Zone	3	3	9		4	-
7.01.42	---	Bariatric Patient Bedroom (One Bed): Washroom/Shower	3	7.5	22.5		4	7.01.38
7.01.43	---	Bariatric Patient Bedroom (One Bed): Supply Alcove	3	1.4	4.2		4	-
7.01.44	STO-2	Medical Equipment Storage	2	12	24	To be located appropriately in the unit to minimize walking distances.	2	-
7.01.45		Quiet Staff Work/Conference Rooms	1	9.3	9.3	To be located on the unit in reference to the multipurpose room to plan for even distribution of these spaces.	4	
7.02 SURGICAL UNIT								
7.02.01	WKS-2	Clerical Workstation	1	4.5	4.5	Unit clerk.	1	-
7.02.02		Waiting Area	1	6	6	Accommodates 4 people	5	-
7.02.03	WRS-2	Public Washroom	1	4.6	4.6	Wheelchair Accessible	3	-
7.02.04	WKS-2	Coordinator Workstation	1	9.3	9.3	Private office for Clinical Coordinator.	1	-
7.02.05	WKS-1	Shared Workstation	4	3.7	14.8	Touch-down workstations for providers working on the unit.	2	-
7.02.06	OEQ-2	Office Equipment Alcove	1	6	6	Fax/copier/printer and other related equipment.	2	-
7.02.07	HHS-1	Hand Hygiene Sink	1	1	1		2	-
7.02.08	PNT-1	Pneumatic Tube	1	2	2		2	-
7.02.09	OFF-1	Office (standard)	1	9.3	9.3	Manager (Surgery).	2	-
7.02.10	KTC-2	Staff Room	1	20	20	Kitchenette, dining table, and six chairs.	1	-
7.02.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.	1	-
7.02.12	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	4	-
7.02.13	CLU-1	Clean Utility Room	2	11	22	Storage of clean and sterile supplies. To be located appropriately in the unit to minimize walking distances.	4	-
7.02.14	SLU-1	Soiled Utility Room	2	12	24	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal. To be located appropriately in the unit to minimize walking distances.	2	-
7.02.15	MED-1	Medication Room	2	12	24	Medication preparation and storage; includes a large Pyxis machine. To be located appropriately in the unit to minimize walking distances.	2	8.01.05
7.02.16	MEA-2	Mobile Equipment Alcove	2	2.5	5	To be located appropriately in the unit to minimize walking distances.	2	-
7.02.17	KTC-1	Nourishment Alcove	2	4	8	Storage and preparation of patient meals or snacks. To be located appropriately in the unit to minimize walking distances.	2	-
7.02.18	STO-1	Equipment Storage Room	1	6	6	Contiguous with the multipurpose room.	2	-
7.02.19	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.	2	-
7.02.20	MTP-1	Multipurpose Room	1	28	28	For patient/family activities; also used for telehealth. Includes assistant daily living kitchen.	2	-
7.02.21	WRB-2	Patient Washroom Tub	1	16	16	For assisted bathing; Patient lift required.	2	-
7.02.22	WRS-2	Patient Washroom	1	4.6	4.6	Contiguous with the procedure room.	2	-
7.02.23	PRC-1	Procedure Room	1	16.5	16.5	To be equipped with safety features per HHS direction; also used for telehealth.	2	-
7.02.24	BDR-1	Standard Patient Bedroom (One Bed): Bedroom	18	15	270	Standard bedrooms, Connect 2 bedrooms on each floor with door. Ceiling lifts required.	3	7.02.26
7.02.25	---	Standard Patient Bedroom (One Bed): Vestibule	18	5	90		3	-
7.02.26	WRB-1	Standard Patient Bedroom (One Bed): Washroom/Shower (Roll-in)	18	5.6	100.8		3	7.02.24
7.02.27	---	Standard Patient Bedroom (One Bed): Supply Alcove	18	1.4	25.2		3	-

7.02.28	BDR-1	Standard Patient Bedroom (One Bed - Security Room): Bedroom	2	15	30	Standard Bedrooms; Connect 2 bedrooms on each floor with door; continuous handrail from bed to washroom. Patient lift required.	3	7.02.30
7.02.29	---	Standard Patient Bedroom (One Bed - Safe Room): Vestibule	2	5	10		3	-
7.02.30	WRB-1	Standard Patient Bedroom (One Bed - Safe Room): Washroom/Shower (Roll-in)	2	5.6	11.2		3	7.02.29
7.02.31	---	Standard Patient Bedroom (One Bed - Safe Room): Supply Alcove	2	1.4	2.8		3	-
7.02.32	BDR-2	Airborne Isolation Room (AIR) Bedroom: Bedroom	5	16.2	81	Continuous handrail from bed to washroom. Patient Lift Required.	3	7.02.33, 7.02.36
7.02.33	---	Airborne Isolation Room (AIR) Bedroom: Anteroom/Vestibule	5	7.5	37.5		3	7.02.32
7.02.34	---	Airborne Isolation Room (AIR) Bedroom: Family Zone	5	3	15		3	-
7.02.35	---	Airborne Isolation Room (AIR) Bedroom: Staff Zone	5	3	15		3	-
7.02.36	---	Airborne Isolation Room (AIR) Bedroom: Washroom/Shower	5	7.5	37.5		3	7.02.32
7.02.37	---	Airborne Isolation Room (AIR) Bedroom: Supply Alcove	5	1.4	7		3	-
7.02.38	BDR-3	Bariatric Patient Bedroom (One Bed): Bedroom	2	16.2	32.4	One bariatric bedroom also equipped to provide airborne isolation. Ceiling lifts required.	3	7.02.39, 7.02.42
7.02.39	---	Bariatric Patient Bedroom (One Bed): Anteroom/Vestibule	2	7	14		4	7.02.38
7.02.40	---	Bariatric Patient Bedroom (One Bed): Family Zone	2	3	6		4	-
7.02.41	---	Bariatric Patient Bedroom (One Bed): Staff Zone	2	3	6		4	-
7.02.42	---	Bariatric Patient Bedroom (One Bed): Washroom/Shower	2	7.5	15		4	7.02.38
7.02.43	---	Bariatric Patient Bedroom (One Bed): Supply Alcove	2	1.4	2.8		4	-
7.02.44	---	Inpatient Rehab: Rehab Space	1	30.6	30.6		4	-
7.02.45	---	Inpatient Rehab: Washroom	1	7.5	7.5		4	-
7.02.46	STO-2	Medical Equipment Storage	2	12	24	To be located appropriately in the unit to minimize walking distances.	4	-
7.02.47		Quiet Staff Work/Conference Rooms	1	9.3	9.3	To be located on the unit in reference to the multipurpose room to plan for even distribution of these spaces.	4	-
7.03 GENERAL PSYCHIATRY								
Reception Area								
7.03.01	WKS-2	Reception Area: Clerical Workstation	2	4.5	9	Unit clerk; flex station touchdown station; to be enclosed with glazing for optimized visibility.	1	-
7.03.02	OEQ-2	Reception Area: Office Equipment Alcove	1	6	6	Fax/copier/printer and other related equipment.	2	-
7.03.03		Reception Area: Waiting Area	1	6	6	Accommodates 4 people	2	-
7.03.04		Reception Area: Public Washroom	1	4.6	4.6		2	-
Staff Support								
7.03.05	OFF-1	Private Office	3	9.3	27.9	Clinical Coordinator; Psychiatry Manager; Psychiatrist Requires 2nd exit.	2	-
7.03.06	WKS-1	Clinical Touchdown Workstations	3	3.7	11.1	Unassigned touchdown workstations for providers working on the unit. Located throughout the unit.	1	-
7.03.07	HHS-1	Hand Hygiene Sink	3	1	3	One sink per clinical touchdown workstation.	1	-
7.03.08		Report/Conference room	1	15	15	Unassigned private meeting space to support decentralized workstation model.	2	-
7.03.09	PNT-1	Pneumatic Tube	1	2	2		2	-
7.03.10	KTC-2	Staff Room/Lounge	1	28	28	Kitchenette, dining table, 12 chairs	1	-
7.03.11	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation.	1	8.01.05
7.03.12	WRS-2	Staff Washroom	2	4.6	9.2	Wheelchair accessible.	1	-
7.03.13	---	Fire Arm Locker	1	0	0	A built-in Fire Arm locker located securely off the unit for police to store firearms before entering the unit	2	-
Patient Support								
7.03.14	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	2	-
7.03.15	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.	2	-
7.03.16	MED-1	Medication Room	1	12	12	Medication preparation and storage. Includes large pyxis	2	8.01.05
7.03.17	MEA-2	Mobile equipment room	1	5.5	5.5	Mobile equipment storage to be located appropriately in the unit to minimize walking distance.	4	-
7.03.18		Medical Equipment Storage	1	12	12		4	-

7.03.19	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.	2	-	
7.03.20		Patient Laundry Room	1	9	9	Residential washer/dryer	4	-	
7.03.21		Dining Room/Lounge	1	60	60	Accommodates large group dining (15 people - barrier free); dining area (chairs, tables), kitchenette, lockable cupboard for food and supplies Could be contiguous with activity room	2	7.03.22	
7.03.22		Dining Room - Patient Washroom	1	4.6	4.6	2 piece, barrier free Contiguous with dining room	2	-	
7.03.23	MTP-1	Activity Room	1	28	28	For patients/family activities, fitness Could be contiguous with dining room.	4	-	
7.03.24		Dining/Lounge/Activity Shared Storage Room	1	9.3	9.3	Storage space for recreational materials, etc. Located between the Dining Room/Lounge and Activity Room	4	-	
7.03.25	TPY-1	Group Therapy Room/Family Education	1	16	16	Accommodates up to 8 people; telehealth	1	7.03.26	
7.03.26	EXT-8	Observation Room	1	5.5	5.5	Includes audio equipment, one way windows. Adjacent to group therapy room	1	7.03.25	
7.03.27	TPY-2	Individual Consult/Therapy Space	1	11	11	Individual therapy room with soft seating - Accommodates 3 people - Requires two exits	1	-	
7.03.28		Patient Alcove	2	2	4	Seating nook; includes bench and provides views to the outside	3	-	
7.03.29		Seclusion Room	1	13	13	Correctional style toilet and pad. Observable from staff work area.	1	-	
7.03.30	PRC-1	Procedure Room	1	16.5	16.5	To be equipped with safety features per HHS direction; also used for telehealth.	3	-	
7.03.31		Secure Outdoor Space	-	-	-	Access to secure outdoor area of approx. 60 NSM must be provided. Secure lighting and seating	3	-	
7.03.32	---	Personal Storage	1	6	6	An enclosed room for storage of all patients belongings. Includes shelving. Accessible by staff.	4	-	
General Psychiatry Inpatient Pod A (medical and psych capabilities)									
7.03.33	BDR-1	Mental Health Inpatient Bedroom	6	27	162	Includes washroom/shower, supply alcove. Medical capabilities (anti-ligature and hidden/locked medical gas panels) Placement of washroom must not obscure view of patient room or create hiding places	3	-	
7.03.34	---	AIR Inpatient Bedroom	1	38.6	38.6	Includes anteroom, family zone, staff zone, washroom/shower, supply alcove. No ceiling lifts Could be used for general psychiatric patients or medical inpatients (anti-ligature and hidden/locked medical gas panels) Placement of washroom must not obscure view of patient room or create hiding places	3	-	
7.03.35	WRB-1	Bariatric Inpatient Bedroom	1	38.1	38.1	Includes anteroom/vestibule, family zone, staff zone, washroom/shower, supply alcove. No ceiling lifts Could be used for general psychiatric patients or medical inpatients (anti-ligature and hidden/locked medical gas panels) Placement of washroom must not obscure view of patient room or create hiding places.	3	-	
General Psychiatry Inpatient Pod B									
7.03.36	PED-1	Mental Health Patient Bedroom (One Bed): Bedroom	8	15	120	Anti-ligature	3	-	
7.03.37	---	Mental Health Patient Bedroom (One Bed): Washroom/Shower (Roll-in)	8	5.6	44.8	Placement of washroom must not obscure view of patient room or create hiding places	3	-	
7.03.38	---	Mental Health Patient Bedroom (One Bed): Supply Alcove	8	1.4	11.2		3	-	
Psychiatric High Acuity Pod C									
7.03.39	WKS-2	Security Workstation	1	4.5	4.5	For security officer assigned to the unit. Includes lockable storage. To be enclosed with glazing for optimized visibility.	1	-	
7.03.40	WKS-1	Clinical Touchdown Workstations	2	3.7	7.4	Touch-down workstations for providers working on the unit.	1	-	
7.03.41	HHS-1	Hand Hygiene Sink	2	1	2	One sink per clinical touchdown workstation.	2	-	
7.03.42	MED-1	Medication Room	1	9.5	9.5	Medication preparation and storage; includes a Pyxis machine.	2	8.01.05	
7.03.43	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Holding/docking of mobile equipment with electrical support.	4	-	
7.03.44	MTP-1	Dining/Activity/Lounge	1	30	30	For patient dining, activities and lounging. Includes kitchenette and storage room	4	-	
7.03.45	TPY-2	Individual Consult/Therapy Space	2	11	22	Individual therapy room with soft seating - Accommodates 3 people - Requires two exits	2	-	
7.03.46	BDR-5	Mental Health Patient Bedroom: Bedroom (One Bed)	5	15	75	No negative pressure - 2 rooms are flex for either general psych use or adolescent holding. - Flex rooms require ability to expand /contract in and out of the lockdown zone	3	-	
7.03.47	---	Mental Health Patient Bedroom: Washroom/Shower (Roll-In)	5	5.6	28	Placement of washroom must not obscure view of patient room or create hiding places	4	-	

7.03.48	EXT-8	Seclusion room	1	13	13	Correctional style toilet and pad. Observable from staff work area.	2	-
TOTAL		PSYCHIATRIC UNIT			980.5			
7.04		PSYCHIATRIC INTENSIVE CARE UNIT - REMOVED						
7.05		OBSTETRICS UNIT						
7.05.01	WKS-2	Central Staff Work Area: Clerical Workstation	1	4.5	4.5	Unit clerk (shared with the Pediatric Unit).	1	-
7.05.02	OFF-1	Central Staff Work Area: Office (Standard)	1	9.3	9.3	Private office for Clinical Coordinator.	1	-
7.05.03	WKS-1	Central Staff Work Area: Shared Workstation	3	3.7	11.1	Touch-down workstations for providers working on the unit.	1	-
7.05.04	OEQ-1	Central Staff Work Area: Office Equipment Alcove	1	4	4	Fax/copier/printer and other related equipment.	1	-
7.05.05	HHS-1	Central Staff Work Area: Hand Hygiene Sink	1	1	1		1	-
7.05.06	PNT-1	Central Staff Work Area: Pneumatic Tube	1	2	2		1	-
7.05.07	OFF-1	Office (Standard)	1	9.3	9.3	Manager (Maternal/Child); shared with the Pediatric Unit.	1	-
7.05.08	KTC-2	Staff Room	1	14	14	Kitchenette, dining table, and six chairs; not shared with the Pediatric Unit.	1	-
7.05.09	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation; not shared with the Pediatric Unit.	1	-
7.05.10	CFR-1	Conference Room	1	20	20	Conference room seating up to 12, shared with Paediatrics.	1	-
7.05.11	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	1	-
7.05.12	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	2	-
7.05.13	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.	2	-
7.05.14	MED-1	Medication Room	1	12	12	Medication preparation and storage; includes a Pyxis machine.	2	8.01.05
7.05.15	KTC-1	Nourishment Alcove	1	4	4	Storage and preparation of patient meals or snacks.	2	-
7.05.16	MEA-2	Mobile Equipment Alcove	2	2.5	5	Holding/docking of mobile equipment with electrical support.	2	-
7.05.17	STO-1	Equipment Storage Room	1	12	12		2	-
7.05.18	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.	2	-
7.05.19	WTA-1	Family/Visitor Lounge	1	14	14	Lounge-type seating for about 6 persons; adjacent to entrance to the Obstetrics Unit.	2	-
7.05.20	WRS-2	Patient/Public Washroom	1	4.6	4.6	Wheelchair accessible; adjacent to family/visitor lounge.	1	-
7.05.21	LDR-5	Birthing Suite: Assessment/Procedure Room	1	36	36	To be equipped with safety features per HHS direction; equipped for video. For antepartum assessment. Includes 2 semi-enclosed stretcher bays with 3 sided partition walls, and curtain front.	1	-
7.05.22	WRS-2	Birthing Suite: Patient Washroom	1	4.6	4.6	For the users of the the assessment room; wheelchair accessible.	1	-
7.05.23	LDR-1	Birthing Suite: Labour/Delivery/Recovery/Postpartum Bedroom	6	40.5	243	Includes en suite washroom with a birthing/soaking tub and supply/equipment alcove; ceiling lifts required.	1	-
7.05.24	PRC-1	Procedure Room:	1	16.5	16.5	One room to be shared and adjacent with Pediatrics.	3	7.04.25
7.05.25	WRS-2	Procedure Room: Washroom	1	4.6	4.6	Contiguous with the shared procedure rooms.	3	7.04.24
7.05.26	---	Standard Patient Bedroom (One Bed - Antepartum): Bedroom	2	15	30	Ceiling lifts required.	3	7.05.28
7.05.27	---	Standard Patient Bedroom (One Bed - Antepartum): Vestibule	2	5	10		3	-
7.05.28	---	Standard Patient Bedroom (One Bed - Antepartum): Washroom/Shower (Roll-in)	2	5.6	11.2		3	7.05.26
7.05.29	---	Standard Patient Bedroom (One Bed - Antepartum): Supply Alcove	2	1.4	2.8		3	-
7.05.30	---	Standard Patient Bedroom (One Bed - Flex): Bedroom	2	15	30	Ceiling lifts required.	3	7.05.32
7.05.31	---	Standard Patient Bedroom (One Bed - Flex): Vestibule	2	5	10		3	-
7.05.32	---	Standard Patient Bedroom (One Bed - Flex): Washroom/Shower (Roll-in)	2	5.6	11.2		3	7.05.30
7.05.33	---	Standard Patient Bedroom (One Bed - Flex): Supply Alcove	2	1.4	2.8		3	-
7.05.34	LDR-2	Special Care Nursery: Private Infant Care Room	2	11.5	23	Includes bassinette area, family zone, and supply alcove.	5	7.05.35, 7.05.36
7.05.35	LDR-3	Special Care Nursery: Staff Work Area (Nursery)	1	4.6	4.6	One per each two infant care rooms; counter, hand hygiene sink, and supply cart.	5	7.05.34
7.05.36	LDR-4	Special Care Nursery: Infant Resuscitation Room	1	13	13	Interconnected with the two private infant care rooms.	5	7.05.34
7.05.37	WRS-2	Special Care Nursery: Family Space	1	5.6	5.6	Family Space/Sleep Alcove	5	-
7.05.38	---	Charting Alcove	2	1.4	2.8	Contiguous with the corridor and with a line of sight into LDRP's.	5	-
7.06		PEDIATRIC UNIT						

7.06.01	WKS-2	Central Staff Work Area: Clerical Workstation	1	4.6	4.6	Unit clerk (not shared with Obstetrics Unit).	1	-
7.06.02	OFF-1	Central Staff Work Area: Office (Standard)	1	9.3	9.3	Private office for Clinical Coordinator.	1	-
7.06.03	WKS-1	Central Staff Work Area: Shared Workstation	2	3.7	7.4	Touch-down workstations for providers working on the unit.	1	-
7.06.04	OEQ-1	Central Staff Work Area: Office Equipment Alcove	1	1.9	1.9	Fax/copier/printer and other related equipment.	1	-
7.06.05	HHS-1	Central Staff Work Area: Hand Hygiene Sink	1	1	1		1	-
7.06.06	PNT-1	Central Staff Work Area: Pneumatic Tube	1	2	2		1	-
7.06.07	OFF-1	Office (Standard)	---	9.3	---	Manager (Maternal/Child); shared with the Obstetrics Unit.	1	-
7.06.08	KTC-2	Staff Room	1	14	14	Kitchenette, dining table, and six chairs; not shared with the Obstetrics Unit.	1	-
7.06.09	LKR-1	Staff Lockers Alcove	1	5.6	5.6	20 stacked purse/tote bag lockers for staff without dedicated workstation; not shared with the Obstetrics Unit.	1	-
7.06.10	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	1	-
7.06.11	CLU-1	Clean Utility Room	1	11	11	Storage of clean and sterile supplies.	1	-
7.06.12	SLU-1	Soiled Utility Room	1	12	12	Temporary storage of supplies and equipment to be removed for cleaning, reprocessing, or disposal.	2	-
7.06.13	MED-1	Medication Room	1	11	11	Medication preparation and storage; includes Pyxis machine.	2	8.01.05
7.06.14	KTC-1	Nourishment Alcove	1	4.6	4.6	Storage and preparation of patient meals or snacks.	2	-
7.06.15	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Holding/docking of mobile equipment with electrical support.	2	-
7.06.16	STO-1	Equipment Storage Room	1	12	12		2	-
7.06.17	HSK-1	Housekeeping Closet	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.	2	-
7.06.18	MTP-1	Multipurpose Room	1	22	22	For use as family lounge, play room, rehabilitation, and/or telehealth.	2	-
7.06.19	WRS-2	Patient/Public Washroom	1	4.6	4.6	Wheelchair accessible.	2	-
7.06.20	WRB-2	Patient Washroom/Tub	1	16	16	For assisted bathing.	2	-
7.06.21	WRS-2	Laundry Room	1	4.6	4.6	Small room with washer/dryer.	2	-
7.06.22	BDR-1	Standard Inpatient Bedroom:	5	15	75	Ceiling lifts required.	2	7.06.25
7.06.23	---	Standard Inpatient Bedroom: Vestibule	5	5	25		2	-
7.06.24	---	Standard Inpatient Bedroom: Washroom/Shower (Roll-In)	5	5.6	28		2	7.06.23
7.06.25	---	Standard Inpatient Bedroom: Supply Alcove	5	1.4	7		2	-
7.06.26	PED-1	Standard Patient Bedroom (One Bed - Security Room): Bedroom	2	15	30	Two standard bedrooms for which self-harm design principles are applied. Equipped with security features including temporary lock-down, additional monitoring.	2	7.06.28
7.06.27	---	Standard Patient Bedroom (One Bed - Safe Room): Vestibule	2	5	10	Ceiling lifts required.	3	-
7.06.28	---	Standard Patient Bedroom (One Bed - Safe Room): Washroom/Shower (Roll-in)	2	5.6	11.2		3	7.06.28
7.06.29	---	Standard Patient Bedroom (One Bed - Safe Room): Supply Alcove	2	1.4	2.8		3	-
7.06.30	---	Airborne Isolation Room (AIR) Bedroom: Bedroom	1	16.2	16.2		3	7.06.31, 7.06.35
7.06.31	---	Airborne Isolation Room (AIR) Bedroom: Anteroom	1	7.5	7.5	Ceiling lifts required.	3	7.06.30
7.06.33	---	Airborne Isolation Room (AIR) Bedroom: Family Zone	1	3	3		3	-
7.06.34	---	Airborne Isolation Room (AIR) Bedroom: Staff Zone	1	3	3		4	-
7.06.35	---	Airborne Isolation Room (AIR) Bedroom: Washroom/Shower (Roll-In)	1	7.5	7.5		4	7.06.30
7.06.36	---	Airborne Isolation Room (AIR) Bedroom: Supply Alcove	1	1.4	1.4		4	-
8.00	Pharmacy							
8.01	PHARMACY							
8.01.01	PHM-1	Receiving and Breakout Room	1	12	12	Includes workstation with computer, printer, label printer, carts/shelving, and container recycling/trash bins.	1	-
8.01.02	OFF-1	Purchasing Workstation	1	9.3	9.3	Workstation and drug information resources; outpatient consulting to be performed in outpatient clinic or elsewhere in hospital.	1	-
8.01.03	PHM-2	Inventory Storage Room	1	22	22	Storage of drugs, packaging materials (bottles, vials, plastic medication bags, and office supplies); two refrigerator/ freezers. Will require 60 linear metres of moveable high density shelving and 10 three inch wide shelving units, 5 shelves high, that are fixed for general storage and include small bins.	1	-
8.01.04	PHM-3	Narcotics Vault	1	10	10	Secure (alarmed) room for drug storage.	1	-

8.01.05	PHM-4	Central Production Area	1	72	72	Four workstations, unit-dose packaging equipment, two refrigerators/ freezers, four computers, two printers, two label printers, emergency eye wash, and hand hygiene sink.	1	8.01.03
8.01.06	PHM-5	Sterile Compounding/Preparation Area: Entry Vestibule (Gowning)	1	10	10	Includes gowning supplies, soiled linen hamper, emergency eyewash, and hand hygiene sink.	1	8.01.08, 8.01.10
8.01.07	PHM-6	Sterile Compounding/Preparation Area: Sterile Ante Area- ISO 8 - USP 797	1	30	30	Includes workstation, utility/supply carts; automatic door and a refrigerated pass-through to sterile prep and central production area; glazing should be provided to allow visual monitoring from adjacent pharmacy spaces for safety.	1	8.01.08
8.01.08	PHM-7	Sterile Compounding/Preparation Area: Sterile Preparation Room	1	10	10	Includes laminar flow hood/workstation and hand hygiene sink; refrigerated pass-through to sterile prep ante area is required. Postive pressure required.	2	8.01.06, 8.01.07
8.01.09	PHM-8	Sterile Compounding/Preparation Area: Chemotherapy Prep Anteroom - ISO 7	1	10	10	Includes workstation and hand hygiene sink; refrigerated pass-through to chemotherapy prep room is required.	2	8.01.10
8.01.10	PHM-9	Sterile Compounding/Preparation Area: Chemotherapy Prep Room - ISO 7	1	10	10	Includes biosafety cabinet/workstation, and utility/storage carts; automated door and refrigerated pass-through to chemotherapy prep anteroom; glazing should be provided to allow visual monitoring from adjacent pharmacy spaces for safety. Negative Pressure Required.	1	8.01.06, 8.01.09
8.01.11	PHM-10	Night Cupboard	1	10	10	Includes a Pyxis machine, refrigerator and additional secured storage (as required) for patient medications to be accessed after hours when they are not available in a specific patient care area. It should be located centrally to all Inpatient Units, Critical Care and Pharmacy, and near to the Medical Inpatient Unit.	2	-
8.01.12	OFF-1	Office Suite: Office (Standard)	1	9.3	9.3	Pharmacy manager.	4	-
8.01.13	WKS-1	Office Suite: Workstation	2	4.5	9	Pharmacy staff.	4	-
8.01.14	CFR-1	Office Suite: Conference Room	1	19.6	19.6	Seating for eight to ten persons with teleconferencing capabilities and nourishment station.	4	-
8.01.15	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible. Accessible from within Pharmacy area.	1	-
8.01.16	PNT-1	Pneumatic Tube	1	2	2		5	-
8.01.17	HSK-1	Housekeeping Closet	1	4.6	4.6	Housekeeping cart, floor-level sink, and shelving for supplies. Accessible from outside corridor.	5	-
9.00 Operational Support Services								
9.01 EXECUTIVE OFFICE								
9.01.01	WTA-1	Reception/Waiting Area	1	6	6	Seating for four persons and coat rack; adjacent to the reception/clerical staff workstations.	4	-
9.01.02	WKS-2	Workstation	1	4.5	4.5	Workstation for the receptionist; adjacent to the reception/waiting area.	5	-
9.01.03	WKS-2	Workstation	3	4.5	13.5	Workstations for the corporate executive assistants; adjacent to the reception/waiting area.	5	-
9.01.04	CFR-1	Conference Room	1	20	20	Seating for eight to ten persons with teleconferencing capabilities.	5	-
9.01.05	CFR-2	Conference Room/Board Room	1	44	44	Seating for 20 to 25 persons with teleconferencing capabilities.	5	-
9.01.06	OFF-3	Office (Executive)	1	22.5	22.5	Chief executive officer.	5	-
9.01.07	OFF-2	Office (Director)	5	13.9	69.5	Directors of Operations, Patient Care, Medical Clinics, and Finance, and the Medical Director will be in the Executive Office.	5	-
9.01.08	WKS-2	Workstation	1	4.5	4.5	Coordinator (communications, policy, and planning).	5	-
9.01.09	OFF-1	Office (Standard)	1	9.3	9.3	Manager (quality and risk management).	5	-
9.01.10	OEQ-2	Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment and supply storage.	5	-
9.01.11	KTC-1	Kitchenette	1	4.6	4.6	Semi-enclosed alcove with sink/cabinetry, under counter refrigerator, and microwave; could be combined with office equipment alcove.	5	-
9.01.12	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	5	-
9.02 PATIENT CARE ADMINISTRATIVE SUPPORT								
9.02.01	OFF-1	Office (Standard)	1	12.6	12.6	Infection Control/Occupational Health and Safety (OHS) Coordinator; requires sink and small refrigerator. Decentralized.	4	-
9.02.02	OFF-4	Office (Shared by Dieticians)	1	9.3	9.3	Shared office with workstations for the two dieticians. Decentralized.	4	-
9.02.03	OFF-4	Office (Shared by Social Workers)	1	9.3	9.3	Shared office with workstations for the two social workers. Decentralized.	5	-
9.02.04	WKS-1	Office (Shared by Therapists)	1	14.8	14.8	"Home base" office with four touch-down workstations for the physiotherapists, occupational therapists, and recreation therapist. To be located on surgical IP unit.	5	-
9.02.05	OFF-1	Office (Standard)	1	9.3	9.3	Clinical Education Coordinator. Co-located with staff education facilities.	5	-

9.02.06	WKS-2	Workstation	2	4.5	9	Workstation for clerk who assists the Clinical Education Coordinator. Co-located with staff education facilities.	5	-
9.02.07	WKS-2	Workstation	1	4.5	4.5	Workstation for the Discharge Planner. Decentralized.	5	-
9.02.08	WKS-2	Workstation	2	4.5	9	Partially-enclosed touch-down workstation for visiting staff (e.g., used to proctor/supervise certification exams written by clinical staff. Co-located with staff education facilities.	5	-
9.02.09	OFF-4	Office (Shared)	1	9.3	9.3	Shared office with workstations for the Aboriginal wellness coordinator and language/cultural services supervisor with storage cabinet for educational materials. Decentralized.	5	-
9.02.10	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	5	-
9.03 MEDICAL AFFAIRS								
9.03.01	OFF-2	Office (Standard)	1	9.3	9.3	Senior medical affairs officer.	5	-
9.03.02	WKS-4	Cubicle	2	6.5	13	Medical affairs officers.	5	-
9.03.03	OEQ-1	Office Equipment Alcove	1	4	4	Printer/copier/fax machine and related equipment; to be shared between medical affairs and booking office.	5	-
9.03.04	KTC-1	Kitchenette	1	4.6	4.6	Semi-enclosed alcove with sink/cabinetry, under counter refrigerator, and microwave; could be combined with office equipment alcove; to be shared with customer service centre, medical affairs and booking office.	5	-
9.04 LEFT BLANK ON PURPOSE								
9.05 BOOKING OFFICE								
9.05.01	WKS-1	Workstation (Carrel)	4	3.7	14.8		5	-
9.06 HEALTH RECORDS								
9.06.01	OFF-1	Office (Standard)	1	9.3	9.3	Manager.	3	-
9.06.02	WKS-5	Office/Cubicle	1	9.3	9.3	Office for the health information supervisor and temporary holding for charts pending audit or transcription.	1	-
9.06.03	OSS-6	General Work Area	1	120	120	Includes reception area, 7 workstations of 4.6 NSM each for technicians and 3 for clerical staff, and active file storage. Also includes office equipment alcove with collating copier, fax machine and stationary storage. Requires high density moveable shelving of approximately 610 linear metres and 40 linear metres of fixed shelving for records in process.	2	-
9.06.04	OSS-7	Physician Office/Records Room	1	12	12	Physician dictation, incomplete charts, and hospitalist test results; space will not be required upon full electronic conversion.	3	-
9.06.05	---	Archive Record Storage	---	190	---	Space to be located within the Shared Services Facility.	4	-
9.06.06	OEQ-2	Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment and supply storage.	4	-
9.07 TRANSCRIPTIONIST								
9.07.01	0	Transcriptionist Cubicles	6	4.6	27.6		5	-
9.07.02	OEQ-1	Office Equipment Alcove	1	4	4		5	-
9.07.03	0	Kitchenette	1	4.6	4.6		5	-
9.08 INFORMATION/COMPUTER SERVICES								
9.08.01	WKS-4	Cubicle	2	6.5	13	Technical analysts.	5	-
9.08.02	---	Benchspace and Storage	1	15	15	Work and storage area for analysts.	5	-
9.08.03	---	Server Room	1	32.5	32.5	Includes a touchdown station.	1	-
9.09 VOLUNTEERS								
9.09.01	OFF-1	Office (Standard)	1	9.3	9.3	Volunteer Coordinator Office.	5	-
9.09.02	OSS-1	Volunteer Lounge	1	15.8	15.8	Includes lockers and seating. No kitchen.	5	-
9.10 OTHER SUPPORT SPACE								
9.10.01	CFR-1	Staff Education and Development: Conference Room	1	20	20	Seating for eight to ten persons.	4	-
9.10.02	CFR-2	Staff Education and Development: Conference/Classroom	1	56	56	Seating for up to 30 persons with video conference capability; designed with folding partition to allow division into two conference rooms for eight to ten persons. Room shall be designed to operate as the Emergency Operations Centre.	3	-
9.10.03	OSS-8	Staff Education and Development: Computer Laboratory	1	24	24	Computer laboratory with eight to 12 computer workstations arranged classroom style.	4	-
9.10.04	STO-1	Staff Education and Development: Storage Room	1	4.6	4.6	Storage for computer laboratory for training materials.	4	-
9.10.05	WRS-2	Staff Education and Development: Staff washroom	2	4.6	9.2	To be used by conference room users.	4	-
9.10.06	STO-1	Staff Education and Development: Storage Room/Equipment Alcove	1	9.5	9.5	Audio/video equipment; contiguous with the large conference/classroom. Includes printer/copier/fax machine and other related equipment and supply storage.	4	-
9.10.07	---	Female Staff Lockers/Changing Room: Entry Vestibule	1	2.8	2.8		4	-
9.10.08	---	Female Staff Lockers/Changing Room: Changing Cubicle	5	1.9	9.5	Semi-enclosed with privacy curtain.	4	-

9.10.09	---	Female Staff Lockers/Changing Room: Lockers	190	0.9	171	Full-width lockers.	4	-
9.10.10	---	Female Staff Washroom/Shower: Entry Vestibule	1	1.9	1.9		4	-
9.10.11	---	Female Staff Washroom/Shower: Handwashing Sink	3	1.9	5.7		4	-
9.10.12	---	Female Staff Washroom/Shower: Toilet Stall (Standard)	3	1.4	4.2		4	-
9.10.13	---	Female Staff Washroom/Shower: Toilet Stall (Special)	1	2.8	2.8	Wheelchair accessible.	4	-
9.10.14	---	Female Staff Washroom/Shower: Shower Stall	3	1.9	5.7		4	-
9.10.15	---	Male Staff Lockers/Changing Room: Entry Vestibule	1	2.8	2.8		4	-
9.10.16	---	Male Staff Lockers/Changing Room: Changing Cubicle	2	1.9	3.8	Semi-enclosed with privacy curtain.	4	-
9.10.17	---	Male Staff Lockers/Changing Room: Lockers	100	0.9	90	Full-width lockers.	4	-
9.10.18	---	Male Staff Washroom/Shower: Entry Vestibule	1	1.9	1.9		4	-
9.10.19	---	Male Staff Washroom/Shower: Handwashing Sink	2	1.9	3.8		4	-
9.10.20	---	Male Staff Washroom/Shower: Urinal	2	1.4	2.8		4	-
9.10.21	---	Male Staff Washroom/Shower: Toilet Stall (Special)	1	2.8	2.8	Wheelchair accessible.	4	-
9.10.22	---	Male Staff Washroom/Shower: Shower Stall	2	1.9	3.8		4	-
9.10.23	---	Physician Sleep Room: Physician Bedroom	1	9.3	9.3	Quiet room with bed/cot; should be away from major activity areas.	5	-
9.10.24	---	Physician Sleep Room: Physician Washroom/Shower	1	4.6	4.6	Wheelchair accessible; contiguous with physician bedroom.	5	-
9.11.02	OFF-3	Office (Executive)	---	13.9	---	Located in Executive Office Suite.	5	-
9.11.03	OFF-1	Office (Standard)	2	9.3	18.6	Managers (controller/finance, budgeting/forecasting).	5	-
9.11.04	WKS-5	Office/Cubicle	1	9.3	9.3	Supervisor (financial operations).	5	-
9.11.05	WKS-2	Workstation	10	4.6	46	Accounts payable (2); accounts receivable (3), accounting, collections, medical travel(2), and finance.	5	-
10.00		Facility Support Spaces						
10.01		SUPPLY RECEIVING AND STAGING						
10.01.01	FSS-9	Staging/Breakout Area	1	18	18	Existing size/configuration.	1	-
10.01.02	FSS-1	Office/Mail Room	1	9.5	9.5	Office with supervisor workstation and mail alcove; adjacent to cart staging space.	1	-
10.01.03	FSS-2	Biomedical Engineering Satellite - Renal	1	26	26	Biomedical engineering computer workstation and bench work space. Located adjacent to renal unit and surgery. Includes storage.	1	-
10.01.04	FSS-2	Biomedical Engineering Satellite - Surgical	1	18	18	Biomedical engineering computer workstation and bench work space. Located adjacent to renal unit and surgery. Includes storage. Requires access from the sub sterile corridor.	1	-
10.01.05	MEA-2	Mobile Equipment Alcove	1	4.6	4.6	Staging space for mobile equipment with electrical support.	1	-
10.01.06	WKS-1	Workstation	1	3.7	3.7	Shared workstation for the supply attendants.	1	-
10.01.07	FSS-3	Medical Supply Storage Room	1	15	15	Secured room for backup clean supply/linen storage; could be located in the surgery suite.	3	-
10.01.08	FSS-4	Clean Cart Staging Area	1	23	23	Staging space for 12 medical supply exchange carts, two top-up carts, and nine clean case carts; delivery of 12 clean linen carts will be scheduled at a different time.	3	-
10.01.09	FSS-5	Soiled Cart Staging Area	1	13	13	Staging space for four soiled linen (hamper) carts and nine soiled case carts.	3	-
10.01.10	HHS-1	Hand Hygiene Sink	1	1	1	Near office/work areas.	4	-
10.01.11	FSS-6	Trash Alcove	1	2.8	2.8	Container recycling and trash bins.	4	-
10.01.12	WRS-2	Male Staff Washroom	1	14	14	Two fixtures to be shared by all facility support services.	4	-
10.01.13	WRS-2	Female Staff Washroom	1	14	14	Two fixtures to be shared by all facility support services.	4	-
10.02		HOUSEKEEPING						
10.02.01	WKS-5	Office/Cubicle	1	9.3	9.3		3	-
10.02.02	STO-1	Work Area and Equipment Storage	1	26.5	26.5		5	-
10.02.03	FSS-7	Equipment/Cart Washing Room	1	7.5	7.5	Hose with spray nozzle, utility sink, floor drain.	5	-
10.03		FACILITY MAINTENANCE AND OPERATIONS						
10.03.01	WKS-1	Office/Administrative Area	1	13.3	13.3	Existing room size/configuration to be retained.	1	-
10.03.02	STO-1	General Storage	1	28.5	28.5	Existing room size/configuration to be retained.	4	-

10.03.03	FSS-10	Medical Gas Storage	1	18.5	18.5	Existing room size/configuration to be retained.	4	-
10.03.04	STO-1	Yard Storage	1	19.4	19.4	Existing room size/configuration to be retained.	4	-
10.03.05	FSS-6	Trash Holding	1	13.3	13.3	In addition to biomed waste area provided in PPS.	5	-
10.03.06	OFF-1	Office	1	16.8	16.8	Existing room size/configuration to be retained.	5	-
10.03.07	FSS-8	Carpentry Shop	1	25.3	25.3	Existing room size/configuration to be retained.	5	-
10.03.08	FSS-8	Work Room	1	37.4	37.4	Existing room size/configuration to be retained.	5	-
10.04 PROPERTY AND PROGRAM SERVICES								
10.04.01	OFF-1	Office (PPS Facility Manager)	1	9.3	9.3	PPS facility manager.	1	-
10.04.02	WKS-2	Clerical Workstation	1	4.5	4.5	Administrative assistant; adjacent to the facility manager office.	4	-
10.04.03	WKS-1	Workstation (Open)	2	4.5	9	Touch-down workstations for PPS staff.	4	-
10.04.04	FSS-8	Workshop Area	1	31.5	31.5	Bench work space.	4	-
10.04.05	STO-1	Storage Room	1	9.3	9.3	Miscellaneous storage of supplies and equipment.	4	-
10.04.06	FSS-6	Trash Holding	1	13.3	13.3	Exterior access required.	4	-
10.04.07	FSS-11	Biomedical Waste Holding	1	22.6	22.6	For staging of biomedical waste shipping containers; requires personal protection and equipment (PPE) and eye wash stations and exterior access door.	4	-
10.05 FOOD SERVICES								
10.05.01	OFF-1	Office	1	9.3	9.3	NFS Manager - access from outside corridor, views of kitchen work areas.	2	-
10.05.02	OFF-1	Office	1	9.3	9.3	General Manager - access from outside corridor, views of kitchen work areas.	3	-
10.05.03	WKS-1	NFS Work Station	2	3.7	7.4	Food Service Staff Touch-Down stations contiguous with kitchen work areas.	3	-
10.05.04	---	Receiving and Break-down	1	10	10	Adjacent to Delivery Entrance.	4	-
10.05.05	---	Frozen Storage	1	24	24	Walk-in Freezer with HD Shelving.	4	-
10.05.06	---	Cold Storage	1	21	21	Walk-in Coolers with HD Shelving.	2	-
10.05.07	---	Dry Storage	1	22	22	High Density Shelving.	2	-
10.05.08	---	Retail Storage	1	16	16	For quick access to items for servery and vending areas.	3	-
10.05.09	---	Kitchen	1	72	72	Includes areas for Cold Prep, Bake/Dessert Prep, Bake/Roast and Cooking Areas.	4	10.05.12, 10.05.10, 10.05.11
10.05.10	---	Meal Assembly Area	1	24	24	For inpatient meal assembly.	4	10.05.09
10.05.11	---	Meal Cart Staging	1	8	8		4	10.05.09
10.05.12	---	Warewashing	1	70	70		5	10.05.09
10.05.13	---	Cart Cleaning	1	5	5		4	10.05.09
10.05.14	---	Janitor and Chemical Storage	1	5	5		5	-
10.05.15	---	Servery	1	120	120	Includes tray storage, cashier stations, and self-prep area.	5	-
10.05.16	---	Vending Machines	1	5	5	Outside of servery for after-hours access.	5	-
10.05.17	---	Dining	1	150	150	Demonstrate ability to seat a minimum 100 persons. Provide appropriate screening around the Cafeteria seating when it abuts corridors or other open public space so that chairs and tables can be contained within the Cafeteria.	5	-
10.06 MEDICAL DEVICE REPROCESSING (MDR)								
10.06.01	MDR-1	Decontamination: Soiled Dumbwaiter/Elevator	1	3	3	From Surgical Department - elevator or dumbwaiter as required. Minimum size for new elevator must hold two 610mm x 1525 mm case carts or one person and one 610mm x 1525 mm case cart	1	-
10.06.02	MDR-2	Decontamination: Receiving/Case Cart Holding	1	9	9	Nine soiled case carts per day.	1	-
10.06.03	MDR-3	Decontamination: Work Area	1	54	54	Includes sinks for gross cleaning and ultrasonic cleaner.	1	10.06.07, 10.06.02, 10.06.04, 10.06.05
10.06.04	MDR-3	Decontamination: Equipment Processing Area	1	16	16	Includes tables for sorting and loading area for three washer/disinfectors.	1	10.06.03
10.06.05	MDR-4	Decontamination: Cart Wash Area	1	26	26		1	-
10.06.06	MDR-5	Decontamination: Backup Manual Cart Wash	1	5	5	Backup cart wash.	1	-
10.06.07	MDR-6	Decontamination: Chemical Storage	1	9	9		1	-
10.06.08	MDR-16	Decontamination: Personnel Facilities	1	20	20	Male and Female Change Facilities accessed from corridor into Decontamination Area.	1	-
10.06.09	--	Scope Processing Suite: Scope Assembly/Storage Room	---	---	---	Scope Storage located in Day Procedures.	1	-
10.06.10	MDR-7	Scope Processing Suite: Sterile Processing Room	1	20	20	Scope sterilization and probe equipment with pass-through sterile drying cabinet to prep/pack area.	1	10.06.11, 10.06.13
10.06.11	MDR-8	Preparation/Packaging/Sterilization: Work Area	1	80	80	Includes unloading areas for washer/disinfectors, equipment counter/storage space and hi-lo prep/pack workstations.	1	10.06.10, 10.06.12
10.06.12	MDR-9	Preparation/Packaging/Sterilization: Clean Equipment Area	1	27	27	Worksurface counter and undercounter storage area.	1	10.06.11
10.06.13	MDR-10	Steam Sterilizers	1	32	32	Steam Sterilizers with maintenance access off outside corridor.	1	-
10.06.14	MDR-11	Preparation/Packaging/Sterilization: Manual Pass Through	1	3	3	Manual Pass-through back to decontamination side.	1	-

10.06.15	MDR-8	Preparation/Packaging/Sterilization: Low Temperature Sterilization Area	1	10	10	Low Temp Sterilisers.	1	-
10.06.16	MDR-16	Preparation/Packaging/Sterilization: Personnel Facilities	1	13	13	Male and Female Change Facilities accessed from corridor into clean side.	1	-
10.06.17	MDR-12	Sterile Stores: Clean Dumbwaiter/Elevator	1	3	3	Return to Surgical Department - elevator or dumbwaiter as required. Minimum size for new elevator must hold two 610mm x 1525 mm case carts or one person and one 610mm x 1525 mm case cart	1	-
10.06.18	MDR-13	Sterile Stores: Case Cart Holding	1	20	20		1	-
10.06.19	MDR-14	Sterile Stores: Sterile Stores	1	132	132		1	-
10.06.20	WKS-1	Tech Workstation	1	3.7	3.7		4	-
10.06.21	OFF-1	Office (Standard)	1	9.3	9.3	Manager/supervisor.	4	-
10.06.22	KTC-2	MDR Staff Lounge	1	12	12		4	-
10.06.23	WRS-2	Staff Washroom	1	4.6	4.6	Wheelchair accessible.	4	-
10.06.24	MDR-15	Water Treatment	1	14	14	Accessible from outside corridor.	3	-
10.06.25	HSK-1	Housekeeping	1	7	7	Per CSA recommendation.	4	-
10.07	SUPPORT SERVICES FACILITY							
10.07.01	WKS-2	Facility Entry & Shared Support Services: Workstation	1	4.6	4.6	Reception/Clerical Support.	2	-
10.07.02	OFF-1	Facility Entry & Shared Support Services: Office	1	9.3	9.3	Manager Materials Management and Support Services.	2	-
10.07.03	WKS-2	Facility Entry & Shared Support Services: Workstation	3	4.6	13.8	Purchasing Officers. Adjacent to the conference/meeting room.	3	-
10.07.04	WKS-2	Facility Entry & Shared Support Services: Workstation	1	4.6	4.6	Forms/Contracts Administrator.	3	-
10.07.05	WKS-2	Facility Entry & Shared Support Services: Workstation	1	4.6	4.6	Transport Scheduler/Coordinator.	3	-
10.07.06	WKS-2	Facility Entry & Shared Support Services: Workstation	2	4.6	9.2	Accounts Payable Clerks.	3	-
10.07.07	OEQ-2	Facility Entry & Shared Support Services: Office Equipment Alcove	1	6	6	Printer/copier/fax machine and other related equipment and supply storage.	3	-
10.07.08	CFR-2	Facility Entry & Shared Support Services: Conference/Meeting Room	1	15	15	Includes a folding partition to allow the room to be subdivided into 2 meeting rooms of 15 NSM each.	3	-
10.07.09	WRS-2	Facility Entry & Shared Support Services: Washroom	1	4.6	4.6	Barrier free; for use by visitors/conference room users.	3	-
10.07.10	KTC-2	Facility Entry & Shared Support Services: Staff Lounge	1	27.5	27.5	20 people and kitchennette.	3	-
10.07.11	HSK-1	Facility Entry & Shared Support Services: Housekeeping Closet / Storage	1	7	7	Staging of housekeeping cart and mop cleaning; floor-level sink.	3	-
10.07.12	WRS-2	Facility Entry & Shared Support Services: Washroom	1	4.6	4.6	Universal staff washroom.	3	-
10.07.23	OFF-1	Laundry and Linen Service: Office	1	9.3	9.3	Supervisor; Views into laundry area.	4	-
10.07.24	---	Laundry and Linen Service: Soiled Holding	1	20	20	Adjacent to loading dock.	4	-
10.07.25	---	Laundry and Linen Service: Soiled Linen Sorting	1	30	30	Includes sink and waste disposal for gross cleaning.	4	-
10.07.26	---	Laundry and Linen Service: Washers	1	24	24	Includes a 900mm (minimum) service access area to rear of machines, and trench.	4	-
10.07.27	---	Laundry and Linen Service: Dryers	1	16	16	Includes a 900mm (minimum) service access area to rear of machines, and trench.	4	-
10.07.28	---	Laundry and Linen Service: Folding	1	40	40	Area sized for inclusion of an automated folding machine.	4	-
10.07.29	---	Laundry and Linen Service: Sewing and Repair	1	12	12	Area for sewing and repairs.	4	-
10.07.30	---	Laundry and Linen Service: Clean Holding	1	20	20		4	-
10.07.31	---	Laundry and Linen Service: Drop-off/Pick-Up	1	12	12	Adjacent to loading dock.	4	-
10.07.32	---	Laundry and Linen Service: Cart Cleaning	1	6	6		4	-
10.07.33	---	Laundry and Linen Service: Chemical Storage	1	9.3	9.3		4	-
10.07.34	WKS-2	Material Management: Shared Workstations	2	4.6	9.2	Distribution Officers.	4	-
10.07.35	WKS-2	Material Management: Workstation	1	4.6	4.6	Inventory Control Clerk.	4	-
10.07.36	WKS-2	Material Management: Workstation	2	4.6	9.2	Stores Keeper.	4	-
10.07.37	SSF-4	Material Management: Warehouse Storage	1	200	200	Open Area.	4	-
10.07.38	SSF-5	Material Management: Clean & Sterile Supply	1	150	150	Rack Shelving (height of 14 feet).	4	-
10.07.39	SSF-6	Material Management: Staging Area	2	15	30	Adjacent to shipping/receiving docks.	4	-
10.07.41	SSF-8	Material Management: Workroom	1	15	15		4	-

10.07.42	WKS-1	Material Management: Barcode Scanning Station	2	3.7	7.4		4	-
10.07.43	WKS-2	Computer/Information Services: Workstation	5	4.6	23	Technical Analysts; System Integration Technician; Information support worker.	4	-
10.07.44	SSF-9	Computer/Information Services: Benchspace	5	4.6	23		4	-
10.07.45	WKS-2	Computer/Information Services: Workstation	1	4.6	4.6	Technical Support Officer.	4	-
10.07.46	STO-1	Computer/Information Services: Storage	1	13	13		4	-
10.07.47	OFF-1	Computer/Information Services: Office	1	9.3	9.3	Manager.	4	-
10.07.48	WKS-4	Biomedical Engineering: Workstations	4	6.5	26		5	-
10.07.49	SSF-10	Biomedical Engineering: Benchspace	4	6	24		5	-
10.07.50	STO-1	Biomedical Engineering: Storage	1	18.5	18.5		5	-
10.07.51	OFF-1	Biomedical Engineering: Office	1	9.3	9.3	Manager.	5	-
10.07.52	OFF-1	Collaborative Services: Office	2	9.3	18.6		5	-
10.07.53	SSF-11	Health Records: Record Storage	--	--	190	For archived files that require long-term storage; Rack Shelving (height of 14 feet).	5	-
10.07.54	WKS-2	Health Records: Workstation	1	4.6	4.6		5	-
Total Number of FUs			1735					

APPENDIX 8B

CONSTRUCTION PAYMENTS

1. DEFINITIONS

In this Appendix, in addition to the definitions set out in Schedule 1 of this Agreement:

“**Construction Payment**” has the meaning set out in Section 2 of this Appendix;

“**Cost to Date**” as at a date means the total amounts paid or payable by Project Co to the Design-Builder under the Design-Build Agreement (including the amount of any holdback required under the *Mechanics Lien Act* (Northwest Territories) and any reserves retained in connection with the Existing Hospital Security and the Initial Remediation Work) for Construction performed by the Design-Builder, as certified by the Independent Certifier as contemplated in Section 3.4 of Schedule 2 [Design and Construction Protocols];

“**Lenders’ Technical Advisor**” means the Person appointed by the Senior Lenders from time to time to advise the Senior Lenders on technical matters, including with respect to certain conditions precedent to advances under the Senior Financing Agreements; and

“**Table 8B-1**” means Table 8B-1 attached to this Appendix.

2. CONSTRUCTION PAYMENT AMOUNTS

The Authority will make quarterly payments (each a “**Construction Payment**”) to Project Co during the Construction Period in accordance with this Appendix.¹ The amount payable by the Authority to Project Co as a Construction Payment as at the end of the month indicated in Table 8B-1 will be the amount by which the lesser of:

- (a) the cumulative maximum applicable to that month as set out in Column B of Table 8B-1; and
- (b) █████ of Cost to Date at the end of that month

exceeds the total of all Construction Payments previously paid by the Authority to Project Co under this Appendix.

These payments are intended as funding and to qualify as one of the listed items in paragraph 12(1)(x) of the *Income Tax Act* (Canada).

¹ An exception is made for the last Construction Payment which will occur two months subsequent to the Prior Construction Payment

3. INVOICING AND PAYMENT

Project Co will invoice the Authority for Construction Payments at any time after the end of the applicable quarter and will include with that invoice:

- (a) a certificate of the Independent Certifier certifying (in the manner outlined in Section 3.4 of Schedule 2 [Design and Construction Protocols]) the Cost to Date, as at the end of the applicable quarter;
- (b) the amount of GST payable;
- (c) copies of all certifications (including from the Lender's Technical Advisor) provided to, and communications from, the Senior Lenders (other than those previously provided under this Appendix) with respect to payments to the Design-Builder, the cost to complete the Project, the sufficiency of funds available to Project Co to complete the Project and the likelihood that Service Commencement will be achieved by the Longstop Date;
- (d) a certificate of an officer of Project Co certifying:
 - (1) that Project Co is in compliance with all applicable provisions of the Senior Financing Agreements and the Design-Build Agreement with respect to all payments to the Design-Builder made on or before the date of the invoice;
 - (2) that Project Co has taken all steps required under the Senior Financing Agreement to draw the funds required (in addition to the amounts invoiced to the Authority) to pay the Design-Builder and knows of no reason why such funds would not be advanced as requested;
 - (3) that Project Co is not in default under either the Project Agreement or any of the Senior Financing Agreements;
 - (4) that Project Co has available to it sufficient funds to complete the Project; and
 - (5) the month and year by which the Project can reasonably be expected to achieve Service Commencement.

The Authority will review each invoice submitted by Project Co in accordance with this Section 3 within 10 calendar days and will pay to Project Co the amount approved by the Authority within 30 calendar days of receipt of the relevant invoice.

Table 8B-1 – Cumulative Maximum Construction Payments

Table 8B-1		
Month ²	Column A	Column B
	Maximum Construction Payments	Cumulative Maximum Construction Payments ³
3		
6		
9		
12		
15		
18		
21		
24		
27		
30		
33		
36		
38		

² Number of months after Financial Close, month 1 being September 2015

³ Total of all monthly maximum Construction Payment installments to date

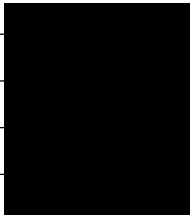
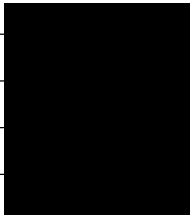
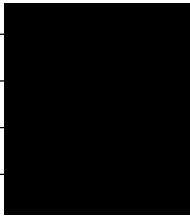
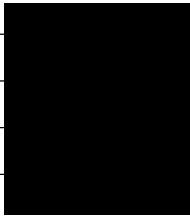
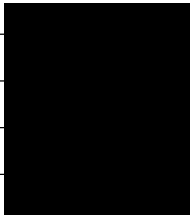
APPENDIX 8C
PERIODIC PAYMENTS

From	To	Periodic Payment (\$ as at the Base Date)	
		Not Index Linked (Column A)	Index Linked (Column B)
Service Commencement Date	End of Term	██████████	██████████

APPENDIX 8D

MARKET TESTED SERVICES COSTS

The following table sets out the Market Tested Services Costs attributed to each Service Payment.

Market Tested Service	Market Tested Services Cost attributed to each Service Payment \$(Index Linked)
Housekeeping and Waste Management Services	
Roads, Grounds and Landscaping Services	
Security and Surveillance Services	
Laundry and Linen Services	
Catering Services	

Notes: Pursuant to Section 3.3(d) of this Schedule 8, the amounts in this table will be deemed to be modified as necessary after each subsequent Market Testing.

SCHEDULE 9

COMPENSATION ON TERMINATION

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SCHEDULE 9

COMPENSATION ON TERMINATION

1. INTERPRETATION

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 to this Agreement:

“Adjusted Estimated Market Value” means the Estimated Market Value:

- (a) less an amount, without duplication, equal to the aggregate of:
 - (1) any Re-Bidding Costs; and
 - (2) any other amounts that the Authority is entitled to set-off or deduct under this Agreement,
- (b) plus an amount, without duplication, equal to the aggregate of:
 - (1) any Insurance Proceeds and Insurance Receivables;
 - (2) any accrued but unpaid amounts owing and payable by the Authority to Project Co under this Agreement;
 - (3) all credit balances on any bank account held by or on behalf of Project Co on the date the Estimated Market Value is calculated; and
 - (4) any other amounts that are owing to Project Co (and that Project Co is entitled to retain),

to the extent that any of the above amounts have not been included in calculating the Estimated Market Value and, in the case of (b)(1) and (b)(3) above, the Authority has received or been assigned such amounts and is entitled to retain them;

“Adjusted Highest Compliant Bid Price” means the Highest Compliant Bid Price:

- (a) less an amount, without duplication, equal to the aggregate of:
 - (1) any Re-Bidding Costs; and
 - (2) any other amounts that the Authority is entitled to set-off or deduct under this Agreement; and
 - (3) the amount by which:
 - (A) all reasonable costs and expenses incurred by the Authority, during the period commencing on the day following the Termination Date and ending on the Termination Payment Date (or, as the case may be, the date on which it is agreed or determined that no Termination Payment is payable by the Authority under this Agreement), to carry out and perform (or to procure the carrying out and performance of), in the manner and to the standards contemplated by this Agreement, the obligations,

responsibilities, activities and work that would, but for the termination of this Agreement, have been the responsibility and obligation of Project Co under this Agreement (including, without limitation, the rectification and mitigation of all defaults by Project Co occurring prior to such termination); exceeds

- (B) the amount of the Service Payments, if any, that would have been payable to Project Co but for the termination of this Agreement that relates directly to the provision of Services;
- (b) plus an amount, without duplication, equal to the aggregate of:
- (1) any Insurance Proceeds and Insurance Receivables;
 - (2) any accrued but unpaid amounts owing and payable by the Authority to Project Co under this Agreement;
 - (3) all credit balances on any bank account held by or on behalf of Project Co on the date that the highest priced Compliant Bid is received or, if no Compliant Bid is received on the final date for submission of bids pursuant to the Re-Bidding Process; and
 - (4) any other amounts that are owing to Project Co (and that Project Co is entitled to retain),

to the extent that any of the above amounts has not been taken into account in the relevant Compliant Bid and, in the case of (b)(1) and (b)(3) above, the Authority has received or been assigned such amounts and is entitled to retain them;

“Compliant Bid” means a bid, proposal or other submission pursuant to a competitive process which meets the reasonable criteria that the Authority requires the party making the submission to meet as part of the Re-Bidding Process, which unless otherwise agreed by Project Co and the Authority will include:

- (a) compliance with the New Project Agreement terms;
- (b) the financial ability to pay the proposed capital sum as a single, lump sum payment to be made as of the date of the New Project Agreement and the financial ability to comply with the New Project Agreement terms for the price proposed;
- (c) such party is experienced in maintaining and operating a facility similar to the Facility or providing services similar to the Design and Construction and/or Services, as applicable;
- (d) the technical solution proposed by such party is capable of delivery and such party is technically capable of delivering and maintaining the Project or the remainder thereof, as the case may be;
- (e) such party is not a Restricted Person; and
- (f) such party is not Project Co or any of its Affiliates;

“Employee Information” means written details related to employees employed by Project Co or any of the Project Contractors or Sub-Contractors whose work (or any part of it) is work undertaken for the purposes of the Project, including:

- (a) the staffing plan and total number of such employees;

- (b) the employment costs for such employees;
- (c) the amount of severance payable to such employees used in the calculation of any Employee Payment and all relevant information used in determining such amounts; and
- (d) any other information that the Authority may reasonably require in relation to the calculation of Employee Payments in respect of Project Co or any relevant Project Contractor or Sub-Contractors;

“Estimated Market Value” means the amount (calculated as at the day following the Termination Date) determined to be the Fair Market Value of a New Project Agreement pursuant to Section 4.2 or 4.3 of this Schedule;

“Highest Compliant Bid Price” means the price offered by the Person making the Compliant Bid (if any) with the highest bid price;

“Liquid Market” means that there are sufficient willing parties (being at least two parties each of whom is capable of submitting a Compliant Bid in a Re-Bidding Process and each of whom deals with the Authority at arm’s length) in the market for agreements in Canada for the provision of services under public private partnerships or other basis similar to this Agreement for the price that is likely to be achieved through a competitive process to be a reliable indicator of the Fair Market Value of a New Project Agreement, provided that any entity controlled and established by the Senior Lenders specifically for the purposes of this Project will not be counted for the purpose of determining whether there are sufficient willing bidders in the market;

“Project Risk Premium” means [redacted] [being the difference between (i) [redacted] (equal to the financial close pre-tax Project IRR) and (ii) [redacted] (being the yield as determined by the parties at financial close on the Government of Canada [redacted] Bond maturing [redacted])];

“Re-Bidding Costs” means the reasonable costs incurred by the Authority in connection with the Re-Bidding Process or the calculation of the Estimated Market Value;

“Re-Bidding Process” means the process by which the Authority requests bids from parties interested in entering into a New Project Agreement, evaluates the responses from such of those parties that submit Compliant Bids and enters into a New Project Agreement with a New Project Co in accordance with Section 3 of this Schedule;

“Re-Bidding Process Monitor” means a third party appointed by Project Co pursuant to Section 3.10 of this Schedule;

“Senior Debt Termination Amount” has the meaning set out in Section 2.1(b)(1) of this Schedule;

“Termination Date Benchmark Canada Bond Yield” means the yield to maturity on a benchmark Government of Canada Bond of the same maturity as the average life of the outstanding Senior Debt, Junior Debt and equity on the Termination Date, provided however that if there is no benchmark Government of Canada Bond with the same maturity the relevant yield will be calculated from the interpolated yield of the two most relevant and liquid benchmark Government of Canada Bonds; and

“Termination Date Discount Rate” means a discount rate equal to the Project Risk Premium plus the Termination Date Benchmark Canada Bond Yield.

2. TERMINATION FOR AUTHORITY EVENT OF DEFAULT OR AT AUTHORITY'S OPTION

2.1 Calculation

If either the Authority or Project Co terminates this Agreement pursuant to Section 2.1(a), Section 6.6 (Authority Election Not to Reinstate) or Section 13 (Authority Events of Default), the Authority will pay to Project Co on the Termination Payment Date a Termination Payment equal to the greater of:

- (a) the amount which would be determined under Section 5.1 of this Schedule if it applied; and
- (b) the aggregate amount, without duplication, of:
 - (1) the Senior Debt as at the Termination Date with per diem interest on amounts falling within paragraph (a) of the definition of Senior Debt calculated at the non-default interest rate provided for such amounts in the Senior Financing Agreements for the period from (but excluding) the Termination Date until (and including) the Termination Payment Date (the "**Senior Debt Termination Amount**");
 - (2) the Employee Payments and the Project Contractor Breakage Costs;
 - (3) any accrued but unpaid amounts owing and payable by the Authority to Project Co under this Agreement;
 - (4) any Insurance Receivables, if and to the extent Project Co has assigned them to the Authority; and
 - (5) the aggregate amount for which the then issued and outstanding Units and any amounts outstanding under Junior Debt could have been sold for Fair Market Value on the date immediately before the Termination Date based on the assumption that there has been no default by the Authority, that the sale is on a going concern basis and that no restrictions exist on the transfer of equity capital;

LESS, to the extent it is a positive amount, the aggregate amount, without double counting, of:

- (6) the aggregate of all credit balances on any bank accounts held by or on behalf of Project Co on the Termination Date that are secured in favour of the Senior Lenders;
- (7) the value of any amounts due and payable from third parties (but only when received from third parties) but excluding any claims under a Project Contract or claims against other third parties which have not been determined or have been determined but not yet paid provided that in such case Project Co will assign any such rights and claims under the Project Contracts or claims against other third parties to the Authority and give the Authority reasonable assistance in prosecuting such claims;
- (8) to the extent not taken into account in calculating the amount under (b) above, the amount of any Contingent Funding Liabilities that are triggered as a result of or in relation to a termination of this Agreement;
- (9) the market value of any other assets and rights of Project Co (other than those transferred to the Authority pursuant to this Agreement) less liabilities of Project

Co properly incurred in carrying out its obligations under this Agreement as at the Termination Date to the extent realised before the Termination Payment Date provided that no account will be taken of any liabilities and obligations of Project Co arising out of:

- (A) agreements or arrangements entered into by Project Co to the extent that such agreements or arrangements were not entered into in connection with Project Co's obligations in relation to the Project; or
 - (B) agreements or arrangements entered into by Project Co to the extent that such agreements or arrangements were not entered into in the ordinary course of business and on commercial arm's length terms.
- (10) any amounts, including hedging termination amounts and other breakage costs, payable by the Senior Lenders to Project Co as a result of a prepayment under the Senior Financing Agreements;
 - (11) any amounts received by the Senior Lenders (or on their behalf) on or after the Termination Date and before the Termination Payment Date as a result of enforcing any other rights or security the Senior Lenders may have under the Senior Financing Agreements in respect of Senior Debt (net of the reasonable and proper costs incurred in such enforcement); and
 - (12) any other amounts that the Authority is entitled to set-off or deduct under this Agreement.

To the extent that the assets and rights referred to in Section 2.1(b)(9) above are not realised and applied pursuant to that Section, Project Co will on payment of the amount due under this Section 2.1 assign such assets and rights to the Authority.

2.2 Notice to the Authority

As soon as practicable after termination of this Agreement pursuant to Section 2.1(a), Section 6.6 (Authority Election Not to Reinstate), Section 6.7(d) (Insufficient Insurance) or Section 13.3 (Project Co's Options), Project Co will, acting reasonably, notify the Authority of the Termination Payment as of an estimated Termination Payment Date and include in such notice the details and calculations of each component thereof, including a revised and up to date Financial Model and certificates from the Senior Lenders as to the amounts owed to them. Project Co will provide to the Authority all such documents and information as may be reasonably required by the Authority to confirm the amount of the Termination Payment including Employee Information.

3. TERMINATION FOR PROJECT CO EVENT OF DEFAULT: RE-BIDDING PROCESS

3.1 Authority Election

If the Authority terminates this Agreement in accordance with Section 12.4 (Authority Termination Right), the Authority may, within 20 Business Days after the Termination Date, give notice to Project Co electing to have this Section 3 of this Schedule apply if:

- (a) there is a Liquid Market as at the Termination Date; and
- (b) the Senior Lenders:
 - (1) either (i) have not exercised their rights under Section 4 of the Lenders' Remedies Agreement and have no further right to exercise such rights; or (ii) if

they have exercised such rights, they have subsequently exercised their rights under Section 3.4 of the Lenders' Remedies Agreement or their rights under Section 4 of the Lenders' Remedies Agreement have otherwise terminated in accordance with the Lenders' Remedies Agreement; or

- (2) have not transferred Project Co's rights and obligations under this Agreement to a Suitable Substitute Project Co in accordance with the Lenders' Remedies Agreement and have no further right to do so, and have not demonstrated to the Authority's satisfaction, acting reasonably, that they have used all reasonable efforts to do so,

but otherwise the Authority will require a determination in accordance with Section 4 of this Schedule and the provisions of that Section will apply.

3.2 Re-Bidding Process

If Section 3 of this Schedule applies, the Authority will:

- (a) use all reasonable efforts to:
 - (1) conduct the Re-Bidding Process so as to obtain the maximum Highest Compliant Bid Price; and
 - (2) implement and complete the Re-Bidding Process as soon as practicable after making the election under Section 3.1 of this Schedule; and
- (b) notify, as soon as practicable and acting reasonably, Project Co of the requirements and terms of the Re-Bidding Process, including the timing of the Re-Bidding Process and the criteria for a Compliant Bid and other matters which will be required to be taken into account by a Compliant Bid. Information provided to bidders during the Re-Bidding Process will include similar information to that provided to bidders in the original procurement process for the Project taking into consideration the relevance of such information and the status of the Project at the time of the Re-Bidding Process. All such references to bids and bidders include references to proposals and proponents and similar terms under other competitive projects.

3.3 Release of Information

Project Co hereby authorizes the Authority to release any information that is reasonably required under the Re-Bidding Process which would otherwise be subject to the restrictions in Section 17.1 (Confidentiality) and Section 17.2 (Personal Information).

3.4 Determination and Payment of Termination Payment

If Section 3 of this Schedule applies and:

- (a) the Adjusted Highest Compliant Bid Price is a positive amount, the Authority will pay to Project Co on the Termination Payment Date a Termination Payment equal to the Adjusted Highest Compliant Bid Price; or
- (b) the Adjusted Highest Compliant Bid Price is less than zero, an amount by which the Adjusted Highest Compliant Bid Price is less than zero will be due and payable by Project Co to the Authority on the earliest to occur of the dates referred to in Sections 7.1(a)(1) and 7.1(a)(2) of this Schedule.

3.5 Notice to Project Co

As soon as practicable after receipt of the bids, the Authority will, acting reasonably, determine the Compliant Bids and will notify Project Co of the Adjusted Highest Compliant Bid Price and include in such notice the details and calculations of each component thereof.

3.6 New Project Agreement

Notwithstanding any Dispute relating to the Highest Compliant Bid Price, the Adjusted Highest Compliant Bid Price or the Re-Bidding Process, the Authority will be entitled to enter into a New Project Agreement with the New Project Co in accordance with the Re-Bidding Process.

3.7 Subsequent Authority Election

At any time prior to receipt by the Authority of a Compliant Bid or at any time thereafter with the consent of Project Co, acting reasonably, the Authority may, by notice to Project Co, elect for the provisions of Section 4 of this Schedule to apply and on such notice:

- (a) the provisions of Section 4 of this Schedule will apply; and
- (b) the Authority will have no liability to Project Co in respect of any breach of the provisions of Section 3 of this Schedule or in respect of making such election.

3.8 Authority Decision Not to Complete

The Authority will not be obligated to accept the Compliant Bid with the Highest Compliant Bid Price or to enter into any New Project Agreement with the New Project Co, however if the Authority has received a Compliant Bid but decides not to accept it or to enter into a New Project Agreement, the Authority will notify Project Co of this decision, Section 3.4 of this Schedule will continue to apply and the Termination Payment Date will be 20 Business Days after the Authority so notifies Project Co.

3.9 Time Limit For Re-Bidding Process

Subject to Section 3.8 of this Schedule, if the Authority makes an election under Section 3.1 of this Schedule but the Authority has not signed a New Project Agreement with a New Project Co as contemplated by Section 3 of this Schedule within 18 months after the Termination Date, the provisions of Section 4 of this Schedule will apply.

3.10 Appointment of Re-Bidding Process Monitor

Project Co may, at its own cost, appoint a Re-Bidding Process Monitor for the purpose of monitoring and reporting to Project Co and the Senior Lenders on the Authority's compliance with the Re-Bidding Process.

3.11 Role of Re-Bidding Process Monitor

The Re-Bidding Process Monitor will be entitled to attend all meetings relating to the Re-Bidding Process, inspect copies of all relevant documentation and make submissions to the Authority as to compliance with the Re-Bidding Process. The Authority will not be bound to consider or act upon such submissions. The Re-Bidding Process Monitor will not disclose Confidential Information to Project Co or the Senior Lenders or take any action which might materially delay or interfere with the Re-Bidding Process but will be entitled to advise Project Co and the Senior Lenders on whether it considers that the Authority has acted in accordance with the Re-Bidding Process and determined the Highest Compliant Bid Price.

3.12 Post-Termination Date Payment

If this Agreement is terminated in accordance with Section 12.4 (Authority Termination Right), during the period from the Termination Date to the Termination Payment Date the Authority will, on or before the later of:

- (a) 2 Business Days prior to each interest payment date under the Senior Financing Agreements; and
- (b) 30 calendar days after the Authority has received written notice from Project Co of the amount of interest payable by it on such interest payment date,

as an advance against the payment to be made pursuant to this Section 3, pay to Project Co the interest payable on that interest payment date by Project Co to the Senior Lenders in the normal course (which, for greater certainty, does not include breach or default circumstances) under the Senior Financing Agreements. The Authority may withhold payment if the Authority has reasonable grounds to believe that the aggregate of that payment and all such previous payments would exceed the Termination Payment otherwise payable under this Section 3. All payments under this Section 3.12 will be deducted from the Termination Payment and any over-payment will be re-paid by Project Co no later than the Termination Payment Date.

4. PROJECT CO EVENT OF DEFAULT: NO RE-BIDDING PROCESS

4.1 Application for No Re-Bidding Process

The provisions of Section 4 of this Schedule will apply if:

- (a) the Authority terminates this Agreement in accordance with Section 12.4 (Authority Termination Right) and does not, or is not entitled to, make an election under Section 3.1 of this Schedule;
- (b) the Authority so elects under Section 3.7 of this Schedule; or
- (c) Section 3.9 of this Schedule requires it.

4.2 Determination of Adjusted Estimated Market Value

Project Co and the Authority will act reasonably in agreeing on the Adjusted Estimated Market Value which will be calculated as at the day following the Termination Payment Date, provided that in determining the Estimated Market Value (which will be determined by deducting the aggregate of the amounts referred to in Section 4.2(d) of this Schedule from the aggregate of the amounts referred to in Section 4.2(c) of this Schedule):

- (a) this Agreement will be assumed not to have been terminated and neither party is in default under its terms;
- (b) all forecast amounts will be calculated on a Nominal basis;
- (c) each of the following will be calculated and discounted at the Termination Date Discount Rate:
 - (1) all future Service Payments which according to the Financial Model Project Co expected to receive from the Termination Date to the Expiry Date; and

- (2) all amounts payable by the Authority to Project Co in respect of a Supervening Event or Authority Change and all other payments, other than any such amounts and payments that are reflected in the Service Payments as set out in (1) above, which the Authority is required to make to Project Co prior to the Expiry Date which Project Co has not been paid in accordance with this Agreement, including any applicable Construction Payments not yet paid;
- (d) the total of all costs forecast to be reasonably incurred by the Authority as a result of termination and related to providing the Design, Construction and Services itself or by others from the Termination Date to the Expiry Date will be calculated and discounted at the Termination Date Discount Rate, such costs to include (without double counting):
- (1) all reasonable costs required to put the Facility in the condition required by this Agreement (including, in the case of termination prior to Service Commencement, the reasonable costs required to be expended to achieve Service Commencement) and to meet the level of performance for the Services, that will deliver the Service Payments referred to in Section 4.2(c)(1) of this Schedule;
- (2) an amount equal to all Taxes deemed paid by Project Co to achieve the Base Case Project IRR; and
- (3) the projected cost of operating, maintaining and performing life cycle rehabilitation for the Facility from the Termination Date to the Expiry Date, such costs to be determined on the basis that:
- (A) the costs referred to in Section 4.2(d)(1) of this Schedule put the Facility in the condition required by this Agreement and that the Facility meets the said level of performance for the Services; and
- (B) in the case of termination prior to the Service Commencement Date, costs in respect of Services that have not yet commenced will be in amounts contemplated by the Financial Model at the Effective Date,
- in each case such costs to be in substantially similar categories to those set out in the Financial Model at the Effective Date, but not (subject to (B) above) necessarily of the same amounts as those costs set out in the Financial Model at the date of this Agreement, and to be forecast at a level that will deliver the Service Payments referred to in Section 4.2(c)(1) of this Schedule, with such costs to include a reasonable risk margin to cover a realistic and reasonable risk assessment of likely cost overruns; and
- (e) if Section 182 of the *Excise Tax Act (Canada)* is applicable to the Termination Payment payable under this Section, the Estimated Market Value will be increased by an amount such that after remitting the applicable GST Project Co will be in the same position as it would have been if Section 182 of the *Excise Tax Act (Canada)* were not applicable.

The above determined amount will be adjusted to the extent required under Section 6.1 of this Schedule.

4.3 Determination by Valuator

If the Authority and Project Co cannot agree on the Adjusted Estimated Market Value within 20 Business Days after the date on which the Authority elected for the provisions of Section 4 of this Schedule to apply or they were deemed to apply, then either party may require, by notice to the other party, that the Adjusted Estimated Market Value be determined by a Valuator as of an estimated Termination Payment Date. If the parties cannot agree on the appointment of a Valuator within 5 Business Days of such notice,

the appointment of the Valuator will be a Dispute and resolved, with a Valuator appointed, pursuant to the Dispute Resolution Procedure. The Authority and Project Co will each pay one-half of the fees of, and any costs and expenses incurred by, the Valuator. The parties will cooperate with, and provide all such information as may reasonably be required by, the Valuator to assist in the Valuator's determination of the Adjusted Estimated Market Value.

4.4 Determination and Payment of Termination Payment

If Section 4 of this Schedule applies and:

- (a) the Adjusted Estimated Market Value is a positive amount, the Authority will pay to Project Co on the Termination Payment Date a Termination Payment equal to the Adjusted Estimated Market Value; and
- (b) the Adjusted Estimated Market Value is less than zero, an amount equal to the amount by which the Adjusted Estimated Market Value is less than zero will be due and payable by Project Co to the Authority by the earliest of:
 - (1) 40 Business Days after the parties have agreed or been deemed to have agreed the Adjusted Estimated Market Value; and
 - (2) 30 Business Days after the amount of the Adjusted Estimated Market Value is determined under the Dispute Resolution Procedure.

5. NO-FAULT TERMINATION

5.1 Calculation

If Project Co or the Authority terminates this Agreement pursuant to Sections 6.7, 6.8, 6.9, 6.15, 8.4 or 8.6 of this Agreement, the Authority will pay to Project Co on the Termination Payment Date a Termination Payment equal to the aggregate of:

- (a) the Senior Debt Termination Amount;
- (b) any accrued but unpaid amounts owing and payable by the Authority to Project Co under this Agreement;
- (c) the amount, if any, by which the Junior Debt exceeds the amount of all Distributions made in respect of Junior Debt;
- (d) the amount, if any, by which the amount of capital contributed to Project Co by the Partners exceeds the amount of Distributions made by Project Co to its Partners; and
- (e) the Employee Payments and the Project Contractor Breakage Costs,

less:

- (f) the amount of any Distributions other than those referred to in (c) and (d) above; and
- (g) any other amounts that the Authority is entitled to set-off or deduct under this Agreement.

If the aggregate of the amount calculated above is less than the Senior Debt Termination Amount plus the amount referred to in (e) above, then the Termination Payment will be increased so that it is equal to the aggregate of the Senior Debt Termination Amount plus the amount referred to in (e) above.

5.2 Notice to the Authority

As soon as practicable after termination of this Agreement as contemplated by this Section 5, Project Co will, acting reasonably, notify the Authority of the Termination Payment as of an estimated Termination Payment Date and include in such notice the details and calculations of each component thereof, including a revised and up to date Financial Model and certificates from the Senior Lenders as to the amounts owed to them and will also provide to the Authority all such documents and information reasonably required by the Authority to confirm the amount of the Termination Payment including Employee Information.

6. ADJUSTMENTS AND DISPUTES

6.1 Income Tax Gross-Up - Partnership Project Co

For the purpose of this Section 6.1:

“Deemed Corporate Project Co” means a fictional fully taxable single purpose British Columbia resident corporation that (i) is, and has since the date of this Agreement been, a subsidiary of a public corporation carrying on an active business with the same fiscal year end as Project Co; and (ii) has had the same revenues and expenses as Project Co and has taken all exemptions, relief, allowances, deductions, set offs and credits permitted under laws relating to Income Taxes (including any that would be available in relation to the Project) since the date of this Agreement so as to minimize its Income Tax payable; and

“Taxable Shareholder Portion” means:

- (a) [REDACTED] if Project Co is a taxable entity with respect to Income Tax; or
- (b) that percentage, measured as at the Termination Date, of the total equity interests of Project Co that are not owned, directly or indirectly, by persons (1) described in Section 149 of the *Income Tax Act (Canada)*, or the equivalent section if there are changes to the *Income Tax Act (Canada)*, and (2) not subject to the payment of Income Tax in respect of payments by Project Co from proceeds of the Termination Payment.

If a Termination Payment is payable by the Authority under Section 2 or Section 5 of this Schedule and such Termination Payment would, in the hands of a Deemed Corporate Project Co (if the Deemed Corporate Project Co were being paid the Termination Payment), be subject to Income Tax payable to a Governmental Authority within Canada that would not have been payable but for the fact that such amount is payable as compensation on termination, then the Authority will pay to Project Co the Taxable Shareholder Portion of the additional amount that would be required to be paid to the Deemed Corporate Project Co (if the Deemed Corporate Project Co were being paid the Termination Payment) to put it in the same position after Income Tax as it would have been in had the Termination Payment (or portion thereof) not been subject to any such Income Tax, taking account of any exemption, relief, allowances, deduction, setting off or credit in respect of Income Tax (whether available by choice or not) which would be available to the Deemed Corporate Project Co to reduce the Tax to which the Termination Payment, or any portion thereof, would be subject.

6.2 Time Related Adjustments

It is understood that the calculations of the Termination Payment pursuant to Sections 2, 4 and 5 of this Schedule are as of an estimated Termination Payment Date and that such estimated date may not be the actual Termination Payment Date for reasons including the existence of a Dispute. The parties will act reasonably in adjusting the amount of such calculated Termination Payment to reflect the actual Termination Payment Date.

6.3 Senior Debt

The Authority will be entitled to rely on one or more certificates of officers of the Senior Lenders or their agent(s) as conclusive evidence of the amount of the Senior Debt Termination Amount. The receipt of this amount by Project Co, the Senior Lenders or their agent(s) will discharge the Authority's obligation to pay any portion of compensation due to Project Co that is attributable to the Senior Debt.

6.4 Disputes

If:

- (a) the Authority does not agree with Project Co's determination of the Termination Payment under Section 2 or Section 5 of this Schedule, the Authority may, within 20 Business Days of the notice referred to in Section 2.2 or Section 5.2 of this Schedule as the case may be, refer the matter to the Dispute Resolution Procedure; or
- (b) Project Co does not agree with the Authority's determination of the Adjusted Highest Compliant Bid Price under Section 3 of this Schedule or the Valuator's determination of the Adjusted Estimated Market Value under Section 4 of this Schedule, Project Co may, within 20 Business Days of the notice referred to in Section 3.5 of this Schedule or the Valuator's determination under Section 4.3 of this Schedule, refer the matter to the Dispute Resolution Procedure.

If either party does not refer the matter to the Dispute Resolution Procedure within the periods provided for in (a) or (b) above, as applicable, such party will be deemed to have agreed to the amount of the applicable determination of the Termination Payment as of the estimated Termination Payment Date.

7. PAYMENTS

7.1 Termination Payment Date

The Termination Payment Date will be determined as follows:

- (a) if the Termination Payment is determined pursuant to Sections 2, 4 or 5 of this Schedule, the Termination Payment Date will be:
 - (1) if the amount thereof is agreed to or deemed agreed to by the Authority and Project Co on the earliest of:
 - (A) the date advised by the Authority; and
 - (B) 40 Business Days after such agreement or deemed agreement, as the case may be; or
 - (2) if the amount thereof is the subject of a Dispute, 30 Business Days after the amount of the Termination Payment is determined under the Dispute Resolution Procedure; and
- (b) if the Termination Payment is determined pursuant to Section 3 of this Schedule, the Termination Payment Date will be the earliest of:
 - (1) 30 Business Days after the Adjusted Highest Compliant Bid Price has been agreed or determined pursuant to the Dispute Resolution Procedure; and

- (2) 20 Business Days after the New Project Co has executed and delivered the New Project Agreement.

7.2 Tax Allocations

The Authority and Project Co will:

- (a) act reasonably and will co-operate with each other to determine the Income Tax treatment resulting from a Termination Payment and to allocate the Termination Payment to each of the non-fixed assets transferred to the Authority pursuant to Section 14.2 (Transfer to Authority of Assets, Contracts, etc.) so as to minimize the amount of Taxes payable on such transfer;
- (b) failing agreement on such treatment or allocation, use the treatment or allocation determined by the Authority unless and until such time as a different treatment or allocation is determined under the Dispute Resolution Procedure or by Canada Revenue Agency (after all appeals have been exhausted); and
- (c) use the allocation agreed to in (a) above or determined in accordance with (b) above in their respective Tax filings and returns.

7.3 Liability for Sales Taxes

The Authority will be responsible for all applicable sales Taxes payable in connection with the transfers referred to in Section 14.2 (Transfer to the Authority of Assets, Contracts, etc.) and will either pay all such sales Taxes directly or reimburse Project Co for such sales Taxes if Project Co is required to and does remit such sales Taxes.

7.4 GST Filings

If Section 182 of the *Excise Tax Act (Canada)* applies to a Termination Payment, the Authority and Project Co will submit their respective GST filings in respect of any period in which a Termination Payment was made on the basis that Section 182 of the *Excise Tax Act (Canada)* will apply to any such Termination Payment.

7.5 Full Settlement

Any and all amounts paid by the Authority to Project Co under this Schedule or any agreement or determination that the Authority has no obligations to make any payment to Project Co under this Schedule will be in full and final settlement of each party's rights and claims against each other for termination of this Agreement and any Project Contract, whether under contract, tort, restitution or otherwise, but without prejudice to:

- (a) any antecedent liability of either party to the other that arose prior to the date of termination of this Agreement (but not from the termination itself) to the extent such liability has not already been taken into account in determining the Termination Payment; and
- (b) any liability of either party to the other that may arise after the date of termination of this Agreement (but not from the termination itself), including, for greater certainty, liabilities arising under the provisions of this Agreement which are intended by Section 17.11 (Survival) to survive termination, to the extent any such liability has not already been taken into account in determining the Termination Payment.

SCHEDULE 10
LENDERS' REMEDIES AGREEMENT

for the Stanton Territorial Hospital Project

THE GOVERNMENT OF THE NORTHWEST TERRITORIES
COMPUTERSHARE TRUST COMPANY OF CANADA
BOREAL HEALTH PARTNERSHIP

Dated: September 22, 2015

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SCHEDULE 10

LENDERS' REMEDIES AGREEMENT

THIS AGREEMENT is dated as of September 22, 2015

BETWEEN:

The Government of the Northwest Territories
(the "Authority")

AND:

Computershare Trust Company of Canada
(the "Agent"), as agent for the Senior Lenders

AND:

Boreal Health Partnership
(**"Project Co"**)

WHEREAS:

- A. The Authority and Project Co have entered into the Project Agreement (defined below);
- B. Pursuant to the Trust Indenture (defined below), the Senior Lenders have agreed, subject to the terms and conditions contained therein, to make available to Project Co the loan facility specified therein to finance certain costs to be incurred and expenditures to be made by Project Co in connection with the Project Agreement;
- C. It is a condition precedent to the obligations of the Senior Lenders under the Trust Indenture that this Agreement be executed and delivered by the parties; and
- D. The Authority and Project Co have agreed under the terms of the Project Agreement to execute and deliver this Agreement.

NOW THEREFORE in consideration of the mutual promises and agreements of the parties herein expressed and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties covenant and agree as follows:

1. DEFINITION AND INTERPRETATION

1.1 Definition

Unless otherwise specified or the context otherwise requires, capitalized but otherwise undefined terms in this Agreement will have the respective meanings given to such terms in the Project Agreement, and:

"Agent's Withdrawal Notice" has the meaning set out in Section 3.4;

“Agreement” means this agreement, including any recitals to this agreement, as amended, supplemented or restated from time to time;

“Antecedent Liabilities” means, as at any time:

- (a) all amounts due and payable by Project Co to the Authority under the Project Agreement at such time; and
- (b) all obligations which should have, but have not, been performed and outstanding liabilities of Project Co under the Project Agreement, in each case at such time;

“Appointed Representative” means the Senior Lenders’ Representative identified in a Step-In Notice;

“Deficiency” has the meaning set out in Section 9.4(b);

“Discharged Obligations” has the meaning set out in Section 6.4;

“Discharged Rights” has the meaning set out in Section 6.4;

“Event of Default” has the meaning set out in the Trust Indenture;

“Finance Parties” has the meaning set out in the Trust Indenture;

“Indenture Trustee” has the meaning set out in the Trust Indenture;

“Indicative Notice Period” means:

- (a) where an Indicative Step-In Notice has been given, the period commencing on the date of delivery of such Indicative Step-In Notice and ending on the earlier of:
 - (i) the Step-In Date;
 - (ii) the date of delivery of an Agent’s Withdrawal Notice; and
 - (iii) 45 Business Days following the date of delivery of such Indicative Step-In Notice;
- (b) where an Indicative Transfer Notice has been given, the period commencing on the date of delivery of such Indicative Transfer Notice and ending on the earlier of:
 - (i) the date on which any transfer in accordance with Section 6.1 becomes effective;
 - (ii) the date of delivery of an Agent’s Withdrawal Notice; and

45 Business Days following the date of delivery of such Indicative Transfer Notice;

“Indicative Notice” means either an Indicative Step-In Notice or an Indicative Transfer Notice given in accordance with Section 3.3;

“Indicative Step-In Notice” has the meaning given to it in Section 3.3;

“Indicative Transfer Notice” has the meaning given to it in Section 3.3;

“Insolvency Law” means any of the *Bankruptcy and Insolvency Act* (Canada), the *Companies’ Creditors Arrangement Act* (Canada) and the *Winding-Up and Restructuring Act* (Canada) and any other applicable insolvency or other similar law of any jurisdiction, including any applicable law of any jurisdiction permitting a debtor to obtain a stay or a compromise of the claims of its creditors against it;

“Insolvency Officer” means any trustee, receiver, receiver and manager, liquidator, sequestrator, administrator or other custodian in connection with the insolvency of Project Co or any of its assets;

“Insolvency Proceedings” means:

- (a) any:
 - (i) formal step (including petition, proposal, application, convening of a meeting or other proceeding) taken with a view to or for the purpose of considering;
 - (ii) appointment of an Insolvency Officer in connection with;
 - (iii) order or resolution passed in connection with; or
 - (iv) formal agreement reached regarding,

a dissolution, bankruptcy, receivership, winding-up, liquidation, administration or other similar proceedings or any other proceeding seeking a stay of proceedings, reorganisation, debt arrangement, compromise of the claims of creditors or any distribution of assets in respect of Project Co (whether voluntary or involuntary) made or commenced by any party under any Insolvency Law; or
- (b) any distress, attachment, sequestration or execution or other similar process affecting any of the assets of Project Co or any other similar process or event occurring in relation to Project Co’s assets in any other jurisdiction;

“Insurance Trust Account” has the meaning given to it in the Trust Indenture;

“Liability Report” has the meaning given in Section 3.5;

“Material Antecedent Liabilities” means Antecedent Liabilities that are:

- (a) financial liabilities; or
- (b) non-financial liabilities, the breach of which will trigger any remedy of the Authority under Section 9.1 (Project Co’s Obligation to Indemnify) or Section 12 (Project Co Events of Default) of the Project Agreement;

“Notice Period” means:

- (a) in respect of a Project Co Event of Default, the Termination Notice Period; and

(b) in respect of an Event of Default, the Indicative Notice Period;

“Project Agreement” means the agreement dated September 22, 2015 between Project Co and the Authority relating to the design, construction, financing, maintenance, operation and life cycle rehabilitation of the Facility;

“Project Documents” means, collectively, the Project Agreement and any other agreement (other than this Agreement) entered into from time to time by the Authority and Project Co (with or without other parties) in connection with the Project; and **“Project Document”** means any one of the foregoing;

“Reported Antecedent Liabilities” means the Antecedent Liabilities identified in the Liability Report;

“Revised Senior Debt Termination Amount” means the amount of the Senior Debt as at the Termination Date with per diem interest on amounts falling within paragraph (a) of the definition of Senior Debt calculated at the non-default interest rate provided for such amounts in the Senior Financing Agreements for the Period from (but excluding) the Termination Date until (and including) the Termination Payment Date;

“Revocation of Termination Notice” means a written notice from the Authority to the Agent revoking a Termination Notice;

“Security Documents” has the meaning as set out in the Trust Indenture;

“Senior Debt Discharge Date” means the date on which all amounts due and owing to the Senior Lenders under the Senior Financing Agreements have been fully and irrevocably paid or discharged (whether or not as a result of enforcement) and the Senior Lenders are under no further obligation to advance under the relevant Senior Financing Agreement;

“Senior Lenders’ Representative” means:

- (a) the Agent, or any Senior Lender;
- (b) a receiver or receiver and manager of Project Co appointed under or in connection with the Security Documents; or
- (c) any other Person approved by the Authority (such approval not to be unreasonably withheld or delayed);

“Step-In Date” means 5 Business Days after delivery of a Step-In Notice;

“Step-In Notice” means a notice given by the Agent to the Authority pursuant to Section 4;

“Step-In Period” means, subject to Section 4.3, the period from the Step-In Date up to and including the earliest of:

- (a) the Step-Out Date;
- (b) the date of any transfer under Section 6;

- (c) the date of any termination under Section 4.5; and
- (d) the Expiry Date;

“Step-Out Date” means the date that is 20 Business Days after the date of a Step-Out Notice;

“Step-Out Notice” means a notice from the Agent or Appointed Representative to the Authority pursuant to Section 5;

“Suitable Substitute Project Co” means a Person approved by the Authority in accordance with Sections 6.2 and 6.3 as:

- (a) having the legal capacity, power and authority to become a party to and perform the obligations of Project Co under the Project Agreement; and
- (b) employing or contracting for the services of persons having the appropriate qualifications, experience and technical competence and having the resources available to it (including committed financial resources and sub-contracts) which are sufficient to enable it to perform the obligations of Project Co under the Project Agreement;

“Termination Notice” means a notice given by the Authority to the Agent under Section 3;

“Termination Notice Period” means the period beginning on the date of giving of a Termination Notice and ending on the earlier of:

- (a) the Step-In Date;
- (b) the date of service of a Revocation of Termination Notice; and
- (c) the proposed Termination Date (subject to the minimum notice requirements under Section 3.1(a)) set out in the Termination Notice; and

“Trust Indenture” means the trust indenture dated September 22, 2015 between: (i) Boreal Health Partnership as issuer; (ii) Bird Capital (STH) GP Holdings Inc., Hochtief Boreal Health Partner Inc., Carillion BHP (STH) GP Holdings Inc. as partners; and (iii) Computershare Trust Company of Canada as Indenture Trustee.

1.2 Construction and Interpretation

This Agreement will be interpreted according to the following provisions, save to the extent that the context or the express provisions of this Agreement otherwise require:

- (a) the parties waive the application of any rule of law which otherwise would be applicable in connection with the construction of this Agreement that ambiguous or conflicting terms or provisions should be construed against the party who (or whose counsel) prepared the executed agreement or any earlier draft of the same;

- (b) the table of contents, headings and sub-headings, marginal notes and references to them in this Agreement are for convenience of reference only, do not constitute a part of this Agreement, and will not be taken into consideration in the interpretation or construction of, or affect the meaning of, this Agreement;
- (c) each reference in this Agreement to "**Section**" is to a section of this Agreement;
- (d) each reference to an agreement, document, standard, principle or other instrument includes (subject to all relevant approvals and any other provision of this Agreement expressly concerning such agreement, document, standard, principle or other instrument) a reference to that agreement, document, standard, principle or instrument as amended, supplemented, replaced, novated or assigned, and a reference to an "amendment" and similar terms (including "amend" and "amended") include a reference to supplement, alteration, substitute, variation, change and any other modification and similar terms;
- (e) each reference to a statute or statutory provision (including any subordinate legislation) includes any statute or statutory provision which amends, extends, consolidates or replaces the statute or statutory provision or which has been amended, extended, consolidated or replaced by the statute or statutory provision and includes any orders, regulations, by-laws, ordinances, orders, codes of practice, instruments or other subordinate legislation made under the relevant statute;
- (f) each reference to time of day is a reference to Mountain Standard time or Mountain Daylight Saving time, as the case may be;
- (g) words importing the singular include the plural and vice versa;
- (h) words importing a particular gender include all genders;
- (i) each reference to a public organization is deemed to include a reference to any successor(s) to such public organization or any organization or entity or organizations or entities which has or have taken over the functions or responsibilities of such public organization;
- (j) unless the context otherwise requires, each reference to "parties" means the parties to this Agreement and each reference to a "party" means any one of the parties to this Agreement, provided however that a reference to a third party does not mean a party to this Agreement;
- (k) all monetary amounts are expressed in Canadian Dollars;
- (l) the words "include", "includes" and "including" are to be construed as meaning "include without limitation", "includes without limitation" and "including without limitation", respectively;
- (m) any consent contemplated to be given under this Agreement must be in writing;
- (n) general words are not given a restrictive meaning:

- (i) if they are introduced by the word “other”, by reason of the fact that they are preceded by words indicating a particular class of act, matter or thing; or
 - (ii) by reason of the fact that they are followed by particular examples intended to be embraced by those general words;
- (o) the expression “all reasonable efforts” and expressions of like import, when used in connection with an obligation of the Senior Lenders, the Agent, the Indenture Trustee, the Appointed Representative or any other Senior Lenders’ Representative, means taking in good faith and with due diligence all commercially reasonable steps to achieve the objective and to perform the obligation, including doing all that can reasonably be done in the circumstances, and in any event taking no less steps and efforts than those that would be taken by a commercially reasonable and prudent Person in comparable circumstances but where the whole of the benefit of the obligation and where all the results of taking such steps and efforts accrued solely to that Person’s own benefit;
- (p) all accounting and financial terms used herein are, unless otherwise indicated, to be interpreted and applied in accordance with Canadian generally accepted accounting principles, consistently applied;
- (q) if the time for doing an act falls or expires on a day that is not a Business Day, the time for doing such act will be extended to the next Business Day; and
- (r) each provision of this Agreement will be valid and enforceable to the fullest extent permitted by law. If any provision of this Agreement is held to be invalid, unenforceable or illegal to any extent, such provision may be severed and such invalidity, unenforceability or illegality will not prejudice or affect the validity, enforceability and legality of the remaining provisions of this Agreement. If any such provision of this Agreement is held to be invalid, unenforceable or illegal, the parties will promptly endeavour in good faith to negotiate new provisions to eliminate such invalidity, unenforceability or illegality and to restore this Agreement as nearly as possible to its original intent and effect.

1.3 Governing Law

This Agreement will be deemed to be made pursuant to the laws of the Northwest Territories and the laws of Canada applicable therein and will be governed by and construed in accordance with such laws.

1.4 Attornment

For the purposes of any legal actions or proceedings brought by any party hereto against the other party, the parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Northwest Territories and acknowledge their competence and the convenience and propriety of the venue and agree to be bound by any judgment thereof and not to seek, and hereby waive, review of its merits by the courts of any other jurisdiction.

2. CONSENT TO SECURITY

2.1 Consent

The Authority acknowledges notice of, and consents to, the security interest granted by Project Co in favour of the Finance Parties under the Trust Indenture and Security Documents over:

- (a) Project Co's rights under the Project Agreement and all other Project Documents;
- (b) Project Co's assets; and
- (c) Project Co's rights to Insurance Proceeds and Insurance Receivables.

2.2 No Notice of Other Security

The Authority confirms that as of the date of this Agreement it has not received written notice of any other security interest granted over Project Co's rights described in Sections 2.1 other than pursuant to the Trust Indenture and Security Documents.

2.3 Authority Obligations

Except as specifically provided for in this Agreement or the Insurance Trust Agreement, the Authority has no obligations (whether express, implied, collateral or otherwise) to the Agent or the Senior Lenders in connection with this Agreement, the Project Agreement or the Project. All of the obligations and liabilities given, undertaken or arising on the part of the Authority under this Agreement are given solely to the Agent on behalf of the Senior Lenders and do not confer any rights on or in favour of Project Co or any Affiliate of Project Co or any other Person.

2.4 Authority's Rights not Prejudiced

The parties acknowledge that nothing in the Senior Financing Agreements, this Agreement or any other agreement between any of them (including any giving by the Agent of a notice hereunder) will, except as between the Senior Lenders, the Agent and the Authority as expressly set out in this Agreement, affect the rights of the Authority under the Project Agreement (but an exercise by the Authority of those rights will not preclude a proper exercise by the Agent of its rights under this Agreement). For greater certainty and without limiting the generality of the foregoing, nothing in this Agreement will limit, and the Authority will be entitled at all times in accordance with the provisions thereof to exercise the Authority's rights under Section 11.1(a) (Authority's Step-In Rights) of the Project Agreement and the related exercise of its rights under Section 11.2 (Authority's Rectification Rights) of the Project Agreement.

3. NOTICES

3.1 Termination Notice

The Authority will not terminate or deliver any notice terminating the Project Agreement without giving to the Agent written notice (a "**Termination Notice**") stating:

- (a) that a Project Co Event of Default has occurred and the proposed Termination Date, which will be not sooner than 60 Business Days after the Termination Notice; and
- (b) the grounds for termination in reasonable detail.

3.2 Notice of Event of Default

Concurrently with delivery by it to Project Co of any notice of an Event of Default, the Agent will provide a copy of such notice to the Authority, together with reasonable details of such Event of Default.

3.3 Indicative Notice

Without prejudice to the Indenture Trustee's rights under the Security Documents, at any time upon the occurrence of an Event of Default, and where relevant to such Event of Default the continuance of such Event of Default, the Agent may give notice to the Authority of its intention to nominate a Senior Lenders' Representative to step-in in accordance with Section 4.1 (an "**Indicative Step-In Notice**") or to effect a transfer in accordance with Section 6.1 (an "**Indicative Transfer Notice**").

3.4 Agent's Withdrawal Notice

If at any time after the giving of an Indicative Notice or a Termination Notice, the Agent has determined that it is not, or is no longer, considering appointing a Senior Lenders' Representative or effecting a transfer of Project Co's rights and liabilities under the Project Agreement to a Suitable Substitute Project Co in accordance with this Agreement, the Agent will give notice (an "**Agent's Withdrawal Notice**") to the Authority and thereafter the provisions of this Agreement will not be applicable with respect to the event that led to such Indicative Notice or Termination Notice and the Authority will be at liberty to take any and all action available to it under the Project Agreement and other Project Documents.

3.5 Notice of Antecedent Liabilities

Unless an Agent's Withdrawal Notice has been given, not later than 20 Business Days after the date of delivery by the Authority of a Termination Notice or the date of delivery by the Agent of an Indicative Notice, as the case may be, the Authority will give the Agent a notice (the "**Liability Report**") containing details of:

- (a) any Material Antecedent Liabilities accrued and outstanding as of the date of delivery of the Termination Notice or Indicative Notice, as the case may be; and
- (b) any financial liabilities of which the Authority is aware (after reasonable enquiry) that will fall due under the Project Agreement on or after the date of delivery of the Termination Notice or Indicative Notice, as the case may be, and on or prior to:
 - (i) in the case of a Termination Notice, the proposed Termination Date set out in that notice; and
 - (ii) in the case of an Indicative Notice, 40 Business Days after the date of delivery of the Indicative Notice.

3.6 Subsequent Authority Notice of Liabilities

After the delivery of the Liability Report, unless an Agent's Withdrawal Notice has been given, the Authority will, promptly upon becoming aware of them, notify the Agent in writing of any additional Material Antecedent Liabilities arising on or after the date of delivery of the Termination Notice or Indicative Notice, as the case may be, and prior to the end of the Termination Notice Period or the Indicative Notice Period, as the case may be.

3.7 No Right to Terminate

The Authority will not terminate or deliver any notice terminating the Project Agreement during any Notice Period, provided however that until the expiry of that period the Authority will be entitled to require Project Co to remedy any Project Co Event of Default and will be entitled to exercise all rights under the Project Agreement other than termination of the Project Agreement.

4. STEP-IN

4.1 Step-In Notice

Subject to Section 4.3 and without prejudice to the Indenture Trustee's rights under the Security Documents, the Agent may give the Authority a notice (a "**Step-In Notice**") at any time during an Indicative Notice Period or a Termination Notice Period, as the case may be.

4.2 Contents of Step-In Notice

In the Step-In Notice, the Agent will:

- (a) state that it intends to exercise its step-in rights under this Agreement; and
- (b) identify the Appointed Representative.

4.3 One Step-In Period

There will be not more than one Step-In Period following any one Indicative Notice or Termination Notice.

4.4 Appointed Representative Rights

On the Step-In Date, the Appointed Representative will assume jointly and severally with Project Co the rights of Project Co under the Project Agreement, which rights are conditional on and may be exercised subject to performance of Project Co's obligations under the Project Agreement. During the Step-In Period, the Authority will deal with the Appointed Representative and not Project Co. No Appointed Representative will be liable to the Authority or Project Co for any liabilities or obligations of Project Co. An Appointed Representative who is also an Insolvency Officer will not, and will not be required to, assume or have any personal liability for any liabilities or obligations of Project Co.

4.5 Authority Right to Terminate

The Authority will not terminate the Project Agreement in whole or in part during the Step-In Period except as set out in this Section 4.5. The Authority will be entitled to terminate the Project Agreement during the Step-In Period by written notice to Project Co, the Agent and the Appointed Representative:

- (a) if the Reported Antecedent Liabilities that are financial liabilities have not been paid to the Authority on or before the Step-In Date or, if the due date for payment thereof is after the Step-In Date, have not been paid by the due date;
- (b) if amounts, of which the Authority was not aware (having made reasonable enquiry) at the time of the Liability Report, subsequently become payable and are not discharged by:
 - (i) if notice of the liability is given to the Agent at least 20 Business Days prior to the Step-In Date, the Step-In Date or, if the due date for payment thereof is after the Step-In Date, the due date;
 - (ii) if notice of the liability is given to the Agent within 20 Business Days before the Step-In Date and such liability is material (as stated by the Authority, acting reasonably, when it gives such notice or as stated by the Agent, acting reasonably, by notice to the Authority within 5 Business Days of receipt of the notice from the Authority), 20 Business Days after the Step-In Date or, if later, the due date; or
 - (iii) otherwise, 20 Business Days after delivery of the notice or, if later, the due date;
- (c) on grounds arising after the Step-In Date in accordance with the terms of the Project Agreement (other than a Project Co Insolvency Event), provided that for the purposes of termination under the Project Agreement, any Deductions that arose prior to the Step-In Date will not be taken into account during the Step-In Period;
- (d) on grounds arising prior to the Step-In Date (whether or not continuing at the Step-In Date) in accordance with the terms of the Project Agreement but only if the Appointed Representative is not using all reasonable efforts to remedy the relevant Antecedent Liabilities which are non-financial liabilities; or
- (e) if the Service Commencement Date does not occur on or before the date that is 6 months after the Longstop Date.

5. STEP-OUT

5.1 Step-Out Notice

The Agent or the Appointed Representative may at any time during the Step-In Period deliver to the Authority a Step-Out Notice which specifies the Step-Out Date.

5.2 Expiry of Step-In Period

Upon the termination or expiry of the Step-In Period:

- (a) the rights of the Authority against the Appointed Representative and the rights of the Appointed Representative against the Authority will be cancelled; and
- (b) the Authority will no longer deal with the Appointed Representative and will deal with Project Co in connection with the Project Agreement.

5.3 Project Co Remains Bound

Subject to Section 6.4, Project Co will continue to be bound by the terms of the Project Agreement notwithstanding the occurrence of an Indicative Notice, a Step-In Notice, a Step-In Period, a Step-Out Notice, a Step-Out Date, any action by the Agent, Appointed Representative, Indenture Trustee or the Senior Lenders or any provision of this Agreement, and for greater certainty Project Co will be liable for any obligations and liabilities arising prior to the expiry of the Step-In Period from actions or inactions of the Agent, the Appointed Representative, Indenture Trustee or Senior Lenders. Project Co will remain liable for any unpaid amounts due and payable to the Authority by Project Co under the Project Agreement provided that Project Co will not be required to discharge such liability during the Step-In Period.

6. SENIOR LENDER REPLACEMENT OF PROJECT CO

6.1 Project Co Transfer Notice

Subject to Section 6.2, at any time:

- (a) during a Termination Notice Period;
- (b) during an Indicative Notice Period; or
- (c) during a Step-In Period,

the Agent may, on 30 Business Days' notice to the Authority and any Appointed Representative, take any action available to it to cause the transfer of Project Co's rights and liabilities under the Project Agreement to a Suitable Substitute Project Co in accordance with the provisions of Section 6.4.

6.2 Authority Consent

The Authority will notify the Agent as to whether any Person to whom the Agent proposes to transfer Project Co's rights and liabilities under the Project Agreement is a Suitable Substitute Project Co, not later than 20 Business Days after the date of receipt from the Agent of all information reasonably required by the Authority to decide whether the proposed transferee is a Suitable Substitute Project Co and if the Authority fails to notify the Agent within such period, the proposed transferee will be deemed to be a Suitable Substitute Project Co.

6.3 Withholding of Consent

The Authority will not unreasonably withhold or delay its decision on whether the proposed transferee is a Suitable Substitute Project Co and it will, without limitation, be reasonable for the Authority to withhold its consent:

- (a) if there are unremedied breaches under the Project Agreement and there is no remedial program reasonably acceptable to the Authority in respect of the breaches; or
- (b) based on any of the factors set out in Section 16.3 (Factors Authority May Consider) of the Project Agreement with respect to any transfer, including any assignment, to such Person or Change in Control resulting from the transfer.

6.4 Terms of Transfer

Upon the transfer referred to in Section 6.1 becoming effective:

- (a) Project Co and the Authority will be released from their obligations under the Project Agreement to each other, including with respect to indemnification under the Project Agreement whether arising prior to or after such transfer (the “**Discharged Obligations**”);
- (b) the Suitable Substitute Project Co and the Authority will assume obligations which are substantially similar to the Discharged Obligations, but owed to or assumed by the Suitable Substitute Project Co instead of Project Co;
- (c) the rights of Project Co against the Authority under the Project Agreement and vice versa (the “**Discharged Rights**”) will be cancelled;
- (d) the Suitable Substitute Project Co and the Authority will acquire rights against each other which differ from the Discharged Rights only insofar as they are exercisable by or against the Suitable Substitute Project Co instead of Project Co;
- (e) any subsisting ground for termination of the Project Agreement by the Authority will be deemed to have no effect and any subsisting Termination Notice will be automatically revoked;
- (f) the Authority will enter into a lenders’ remedies agreement with the Suitable Substitute Project Co and a representative of Senior Lenders lending to the Suitable Substitute Project Co on substantially the same terms as this Agreement; and
- (g) any Deductions that arose prior to that time will not be taken into account after the transfer for the purposes of Sections 11.1(b) and 12.1(h) of the Project Agreement and Sections 6.7 and 6.8 of Schedule 4 to the Project Agreement.

7. INSURANCE

7.1 Release of Insurance Proceeds

Notwithstanding the other provisions of this Agreement and the terms and conditions of the Senior Financing Agreements, the Agent will only permit amounts to be released from the Insurance Trust Account in accordance with Section 6 (Insurance, Damage and Destruction) and Schedule 5 [Insurance Requirements] of the Project Agreement and will not exercise any rights under the Senior Financing Agreements or take any other steps to prevent amounts being released from the Insurance Trust Account in accordance with Section 6 (Insurance, Damage and Destruction) and Schedule 5 [Insurance Requirements] of the Project Agreement.

8. COVENANTS

8.1 Authority Covenants

The Authority agrees with the Agent that the Authority will:

- (a) as soon as is reasonably practicable, at Project Co's or the Agent's expense, take whatever action the Agent, an Appointed Representative or a Suitable Substitute Project Co taking a transfer in accordance with Section 6 may reasonably require for perfecting any transfer or release under this Agreement, including the execution of any transfer or assignment, and the giving of any notice, order or direction and the making of any registration which, in each case, the Agent or Appointed Representative or Suitable Substitute Project Co reasonably requires;
- (b) not, prior to the Senior Debt Discharge Date, unless the Agent has (acting reasonably) consented in writing:
 - (i) appoint an Insolvency Officer;
 - (ii) commence any Insolvency Proceedings;
 - (iii) sanction, by voting or failing to vote, any Insolvency Proceedings and will, if requested to do so by the Agent, vote against any Insolvency Proceedings;
 - (iv) without prejudice to its rights of set-off under the Project Agreement, including rights to take amounts owing by Project Co into account in calculating termination compensation payable, claim or prove as creditor or otherwise in competition with any Finance Party in respect of any monies owing to it by Project Co for or on account of Project Co's liabilities under the Project Documents in the event of any Insolvency Proceedings; or
 - (v) take any action authorising, or which might result in or is in furtherance of, any of the prohibited matters referred to in Sections (i), (ii), (iii) or (iv) above;
- (c) not take or fail to take any action (including amendments, waivers and enforcement action) with respect to any material agreement between the Authority and a third party,

the effect of which would be reasonably likely to render the Authority unable to satisfy its obligations under the Project Agreement; and

- (d) not issue a Step-In Notice or Proposed Transfer Notice under any Material Project Contractor Collateral Agreement at any time that the Senior Lenders are validly exercising under any Senior Financing Agreement any step-in rights with respect to the relevant Material Contract.

8.2 Agent Covenants

The Agent will promptly:

- (a) notify the Authority when it believes the Senior Debt Discharge Date will occur or has occurred, and in any event will so notify no later than 20 Business Days after its occurrence;
- (b) a reasonable time prior to the taking of any such action, notify the Authority of any decision by the Senior Lenders to take action under any acceleration rights, security enforcement rights, step-in rights or transfer rights provisions of the Trust Indenture, together with reasonable details of any such action;
- (c) unless notice is already provided under the above provisions, notify the Authority of any decision by the Senior Lenders to:
 - (i) appoint an Insolvency Officer;
 - (ii) commence any Insolvency Proceedings;
 - (iii) sanction, by voting or failing to vote, any Insolvency Proceedings; or
 - (iv) take any action authorizing, or which might result in or is in furtherance of, any of the matters referred to in Sections (i), (ii) or (iii) above; and
- (d) upon request by the Authority, cause all security on any real or personal property comprised in the Facility to be promptly discharged and released on the date requested by the Authority (which will be on or after the Termination Date).

8.3 Project Co Covenant

Project Co acknowledges and consents to the arrangements set out in this Agreement and agrees not to do or omit to do anything that may prevent any party from enforcing its rights under this Agreement.

9. STEP-IN RIGHTS UNDER MATERIAL CONTRACTS

9.1 Priority of Step-In Rights under Material Contracts

Subject to Sections 9.2 and 9.4, notwithstanding any provision in any Material Project Contractor Collateral Agreement, the Authority will not exercise any right it may have pursuant to a Material Project

Contractor Collateral Agreement to step-in and assume or otherwise enforce (or cause a third party designated by the Authority to step-in and assume or otherwise enforce) Project Co's rights and obligations under any of the Material Contracts (including the issuance of a step-in notice by the Authority pursuant to any Material Project Contractor Collateral Agreement), or to transfer or assign a Material Contract, unless:

- (a) within 40 Business Days of delivery by the relevant Project Contractor to the Authority of a Termination Notice as contemplated in Section 2.1 of the relevant Material Project Contractor Collateral Agreement, the Authority has not received a copy of a step-in notice delivered under the terms of the lenders' direct agreement in respect of such Material Contract (a "**Lenders' Step-In Notice**"); or
- (b) if (i) within 40 Business Days of delivery by the relevant Project Contractor to the Authority of a Termination Notice as contemplated in Section 2.1 of the relevant Material Project Contractor Collateral Agreement, the Authority has received a copy of a Lenders' Step-In Notice but (ii) within 70 Business Days of delivery by the relevant Project Contractor to the Authority of a Termination Notice as contemplated in Section 2.1 of the relevant Material Project Contractor Collateral Agreement, the Agent has not completed either a step-in and assumption of Project Co's rights and obligations under the relevant Material Contract or a transfer or assignment thereof.

9.2 Step-In from Termination Date

Subject to Section 9.4, from the Termination Date, provided that the Authority has (if applicable) complied with Section 3.7 and Section 4.5 in terminating the Project Agreement, the Authority will be free to exercise its rights under any Material Project Contractor Collateral Agreement to step-in and assume (or cause a third party designated by the Authority to step-in and assume) Project Co's rights and obligations under, or to transfer or assign, any Material Contract in accordance with a Material Project Contractor Collateral Agreement.

9.3 Release of Security

Subject to Section 9.4, the Agent will release and discharge (or cause to be released and discharged) at no cost to the Authority, and as soon as reasonably possible, all security in respect of each of the Material Contracts in respect of which any of Project Co's rights or obligations thereunder are assumed, transferred or assigned by or to the Authority (or by or to a third party designated by the Authority) pursuant to a Material Project Contractor Collateral Agreement.

9.4 Retention of Security for Deficiency

Until such time as any Deficiency has been determined and an amount equal to the Deficiency has been recovered by the Finance Parties, the Finance Parties will be entitled to retain the benefit of the security in respect of claims and losses that Project Co has as against the Project Contractor under the relevant Material Contract (or as against any guarantor of such Material Contract) that arose prior to the date of the assumption, transfer or assignment of the relevant Material Contract (or guarantee in respect of such Material Contract) by or to the Authority (or by or to a third party designated by the Authority) provided that:

- (a) the Finance Parties will not, and will not be entitled to, exercise any rights or enforce any security in respect of any such claim during the period from the date on which such assumption, transfer or assignment occurs to the Termination Date; and
- (b) the rights in relation to the security retained by the Finance Parties pursuant to this Section 9.4 may only be exercised if and to the extent that the Termination Payment actually paid by the Authority pursuant to Section 2 or Section 3 of Schedule 9 to the Project Agreement is less than the Revised Senior Debt Termination Amount (the amount by which the Termination Payment is (or, in the reasonable opinion of the Agent, is likely to be) less than the Revised Senior Debt Termination Amount being herein referred to as the “**Deficiency**”).

Any amounts recovered by the Finance Parties pursuant to claims referred to in this Section 9.4, from the Termination Date to the date on which the Termination Payment and the amount of the Deficiency, if any, have been determined, will be held by the Agent in a segregated account on terms satisfactory to the Agent and the Authority, each acting reasonably, and, upon determination of the Termination Payment and the amount of the Deficiency, if any, such funds will be distributed to the Agent, to the extent of the Deficiency, if any, and the balance of such funds will be paid to the Authority.

9.5 Assignment of Material Contracts by Finance Parties

The Finance Parties will not transfer or assign any Material Contract except to a Suitable Substitute Project Co in conjunction with a permitted transfer or assignment of the Project Agreement to that Suitable Substitute Project Co in accordance with Section 6.

9.6 No Enforcement Action

Subject to Section 9.1 of this Agreement, during the period commencing either (i) on the date on which a Project Contractor delivers to the Authority a Termination Notice as contemplated in Section 3.1 (Termination Notice) of the relevant Material Project Contractor Collateral Agreement; or (ii) on the date on which the Authority delivers a Step-In Notice pursuant to Section 4.1 (Step-In Notice) of any Material Project Contractor Collateral Agreement and, in the case of either (i) or (ii), ending on the date on which the Authority receives an Indicative Step-In Notice or Indicative Transfer Notice referred to in Section 3.3 of this Agreement, the Senior Lenders shall not exercise any rights or take any enforcement action in respect of any of the Material Contracts, other than in respect of the claims and losses referred to in Section 9.4 (Retention of Security for Deficiency) of this Agreement (and then only in accordance with the provisions of that Section), if such action would materially prejudice the ability of the Authority to exercise any of its rights under a Material Project Contractor Collateral Agreement in respect of any Material Contract and/or any performance securities (and/or any guarantee in respect of such Material Contract) or would materially impair the ongoing performance under any of the Material Contracts.

10. ASSIGNMENT

10.1 Restriction on Assignment

No party to this Agreement may assign or transfer all or any part of its rights or obligations under this Agreement except as provided in this Section 10.

10.2 Assignment by Agent

The Agent, in its own capacity and not as agent for the Senior Lenders, may assign or transfer its rights and obligations under this Agreement to a successor Agent in its own capacity and not as agent for the Senior Lenders, in accordance with the Senior Financing Agreements without the consent of the Authority provided that the Agent delivers to the Authority not less than 10 Business Days prior to such assignment or transfer a notice setting out such contact information regarding the assignee or transferee as the Authority may reasonably require and provided the assignee or transferee is not a Restricted Person.

10.3 Assignment by Senior Lender

Any Senior Lender may assign or transfer its rights and obligations under the Senior Financing Agreements in accordance with the terms of the Senior Financing Agreements without the consent of the Authority provided the assignee or transferee is not a Restricted Person. For the purposes of this Section 10.3, the definition of Restricted Person will not include sub-paragraph (d) of that definition.

10.4 Assignment by Authority

The Authority will assign or transfer its rights and obligations under this Agreement to any permitted assignee of its interest in the Project Agreement concurrently with the assignment of the Project Agreement to such assignee and the Agent and the Senior Lenders will co-operate with the Authority in completing the formalities of any transfer or assignment including by executing any additional documents as may be reasonably required by the Authority.

10.5 New Agreement

If Section 10.2 applies in relation to the Agent, the Authority and Project Co will, upon request by the new Agent, enter into a new lenders' remedies agreement with the new Agent on substantially the same terms as this Agreement.

11. GENERAL

11.1 Term

This Agreement will remain in effect until the earlier of:

- (a) the Senior Debt Discharge Date; and
- (b) subject to compliance with Section 6.4(f) above, the date of transfer of Project Co's rights and liabilities under the Project Agreement to a Suitable Substitute Project Co pursuant to Section 6.

11.2 Conflict or Inconsistency

If there is any conflict or inconsistency between the provisions of this Agreement and the Project Agreement, as between the Agent and the Authority the provisions of this Agreement will prevail.

11.3 Entire Agreement

Unless otherwise stated in this Agreement, this Agreement constitutes the entire agreement between the parties in connection with its subject matter and supersedes all prior representations, communications, negotiations and understandings concerning the subject matter of this Agreement. No party has relied on any representation except as expressly set out in this Agreement.

11.4 Waiver

The failure of any party to exercise any contractual right or remedy will not constitute a waiver thereof and no waiver will be effective, unless it is communicated in writing to the other party. A waiver of any right or remedy arising from a breach of this Agreement will not constitute a waiver of any right or remedy arising from any other breach of this Agreement.

11.5 Counterparts

This Agreement may be executed in any number of counterparts, all of which when taken together will constitute one and the same instrument.

11.6 Confidentiality

The Agent will be bound to comply with the confidentiality obligations on the part of Project Co contained in the Project Agreement in relation to all information matters obtained from any other party under or in connection with the Project.

11.7 Notices

Any notice or communication required or permitted to be given under this Agreement will be in writing and will be considered to have been sufficiently given if delivered by hand or transmitted by electronic transmission to the address or electronic mail address of each party set out below:

if to the Authority:

The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9

[Redacted]
[Redacted]

if to the Agent:

Computershare Trust Company of Canada
100 University Avenue, 11th Floor
Toronto, ON M5J 2Y1

[Redacted]

if to Project Co:

Boreal Health Partnership
c/o Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6

[Redacted]

with copy to:

HOCHTIEF Boreal Health Partner Inc.
2 Bloor Street East, Suite 701
Toronto, ON M4W 1A8

[Redacted]

with copy to:

Bird Capital Limited Partnership
Suite 400, 5700 Explorer Drive
Mississauga, ON L4W 0C6

[Redacted]

with copy to:

[Redacted]

or to such other address or electronic mail address as any party may, from time to time, designate in the manner set out above. Any such notice or communication will be considered to have been received:

- (a) if delivered by hand during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt by a responsible representative of the receiver, and if not delivered during business hours, upon the commencement of business hours on the next Business Day; and
- (b) if delivered by electronic mail during business hours (and in any event, at or before 3:00 pm local time in the place of receipt) on a Business Day, upon receipt, and if not

delivered during business hours, upon the commencement of business hours on the next Business Day provided that:

- (i) the receiving party has, by electronic mail or by hand delivery, acknowledged to the notifying party that it has received such notice; or
- (ii) within 24 hours after sending the notice, the notifying party has also delivered a copy of such notice to the receiving party by hand delivery.

11.8 No Partnership or Agency

Nothing in this Agreement will be construed as creating a partnership or as constituting the Senior Lenders, the Agent, the Appointed Representative, any other Senior Lenders' Representative or a Suitable Substitute Project Co as an agent of the Authority. No such person will hold itself out as having any authority or power to bind the Authority in any way.

11.9 Remedies Cumulative

The rights and remedies under this Agreement are cumulative and are in addition to and not in substitution for any other rights and remedies available at law or in equity or otherwise. No single or partial exercise by a party of any right or remedy precludes or otherwise affects the exercise of any other right or remedy to which that party may be entitled.

11.10 Disputes

Any dispute between any of the parties with respect to any of the subject matters of this Agreement will be resolved in accordance with, and the parties will comply with, the Dispute Resolution Procedure, and Schedule 13 [Dispute Resolution Procedure] of the Project Agreement is deemed to be incorporated, *mutatis mutandis*, in this Agreement.

IN WITNESS WHEREOF the parties have executed this Agreement as of the day and year first above written.

**THE GOVERNMENT OF THE NORTHWEST
TERRITORIES**

By: _____
Authorized Signatory

**COMPUTERSHARE TRUST COMPANY OF
CANADA, as Agent**

By: _____
Authorized Signatory

By: _____
Authorized Signatory

**BOREAL HEALTH PARTNERSHIP, by its
general partners:**

CARILLION BHP (STH) GP HOLDINGS INC.,
by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

BIRD CAPITAL (STH) GP HOLDINGS INC.,
by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

**HOCHTIEF BOREAL HEALTH PARTNER
INC.,**
by its authorized signatory:

Per: _____
Name:
Title:

SCHEDULE 11

DESIGN-BUILDER COLLATERAL AGREEMENT

for the Stanton Territorial Hospital Project

**THE GOVERNMENT OF THE NORTHWEST TERRITORIES
BIRD-CLARK STANTON JV
BOREAL HEALTH PARTNERSHIP**

Dated: September 22, 2015

SCHEDULE 11

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DESIGN-BUILDER COLLATERAL AGREEMENT

THIS AGREEMENT is dated as of September 22, 2015.

AMONG:

Bird-Clark Stanton JV

(the "**Material Project Contractor**")

AND:

The Government of the Northwest Territories

(the "**Authority**")

AND:

Boreal Health Partnership

("Project Co")

WHEREAS:

A. The Authority and Project Co have entered into an agreement dated as of September 22, 2015 (the "**Project Agreement**") whereby Project Co has agreed to design, construct, finance, operate, maintain and perform life cycle rehabilitation on the Facility (the "**Project**"), all as more particularly described in the Project Agreement;

B. Project Co and the Material Project Contractor have entered into an agreement dated as of September 22, 2015 (the "**Material Contract**") whereby the Material Project Contractor has agreed to carry out the Design and Construction;

C. It is a condition of the Material Contract that the Material Project Contractor enter into this Agreement with the Authority and Project Co; and

D. The Authority and Project Co have agreed under the terms of the Project Agreement to execute and deliver this Agreement.

NOW THEREFORE in consideration of the mutual promises and agreements of the parties herein expressed and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties covenant and agree as follows:

1. DEFINITIONS AND INTERPRETATION

1.1 Definitions

Unless otherwise specified or the context otherwise requires, capitalized but otherwise undefined terms in this Agreement will have the respective meaning given to such terms in the Project Agreement, and:

"**Agreement**" means this agreement, including any recitals to this agreement, as amended or restated from time to time;

"**Material Contract**" has the meaning set out in Recital B;

"Parties" means the Authority, Project Co and the Material Project Contractor;

"Project" has the meaning set out in Recital A;

"Project Agreement" has the meaning set out in Recital A;

"Proposed Transfer Date" has the meaning set out in Section 4.1;

"Proposed Transfer Notice" has the meaning set out in Section 4.1;

"Proposed Step-In Date" has the meaning set out in Section 3.1;

"Proposed Substitute" has the meaning set out in Section 4.1;

"Step-In Date" means the date the Authority delivers the Step-In Undertaking;

"Step-In Notice" has the meaning set out in Section 3.1;

"Step-In Period" means the period commencing on the Step-In Date and ending on the earliest of:

- (a) the Step-Out Date;
- (b) the Transfer Effective Date; and
- (c) the termination date of the Material Contract as permitted under Section 3.8.

"Step-In Undertaking" has the meaning set out in Section 3.5;

"Step-Out Date" has the meaning set out in Section 3.9;

"Termination Notice" has the meaning set out in Section 2.1;

"Transfer Agreement" has the meaning set out in Section 4.5(b); and

"Transfer Effective Date" means the effective date of the Transfer Agreement.

1.2 Construction and Interpretation

Unless otherwise defined in this Agreement or to the extent the context requires, this Agreement will be interpreted according to the provisions set out in Sections 2 and 3(b) of Schedule 1 [Definitions and Interpretation] to the Project Agreement, except that references in such section to Project Co will be also deemed to be references to the Material Project Contractor.

1.3 Governing Law

This Agreement will be deemed to be made pursuant to the laws of the Northwest Territories and the laws of Canada applicable therein and will be governed by and construed in accordance with such laws.

1.4 Attornment

For the purposes of any legal actions or proceedings brought by any party hereto against the other party, the parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Northwest Territories and acknowledge their competence and the convenience and propriety of the venue and agree to be bound by any judgment thereof and not to seek, and hereby waive, review of its merits by the courts of any other jurisdiction.

2. TERMINATION NOTICE AND AUTHORITY TERMINATION

2.1 Termination Notice

The Material Project Contractor will not terminate the Material Contract without first giving the Authority at least 20 Business Days' Notice (or in the case of a Project Co Event of Default under Part 2 Section 13.1(b) of the Material Contract such longer period as is reasonably required for Project Co to rectify or remedy) specifying the grounds for such termination (the "**Termination Notice**").

2.2 Survival of Material Contract

Notwithstanding any provision of the Material Contract to the contrary, on termination of the Project Agreement by the Authority, the parties agree that the Material Contract will not come to an end except in accordance with the terms of this Agreement.

2.3 Suspension Notice

The Material Project Contractor will not exercise any right it may have under the Material Contract to temporarily suspend its performance thereunder, unless:

- (a) the Material Project Contractor first delivers a notice (a "**Suspension Notice**") to the Authority detailing the event that has occurred that entitles it to exercise such right and stating that it intends to exercise such right, together with details of any sums which are due and payable but unpaid by Project Co and of any other material obligations or liabilities which should have been performed or discharged by Project Co under the Material Contract, in each case as at the date of such Suspension Notice; and
- (b) both:
 - (1) the Material Project Contractor has confirmed in writing to the Authority that the Senior Lenders have not agreed to pay the Material Project Contractor in accordance with the Material Contract for work performed by it during the period commencing on the date (the "**Suspension Date**") when it, but for the provisions of this Section, would have been entitled to suspend its performance under the Material Contract; and
 - (2) within 5 Business Days of receipt of confirmation from the Material Project Contractor pursuant to Section 2.3(b)(1), the Authority has not agreed, by written notice to the Material Project Contractor, to pay the Material Project Contractor in accordance with the Material Contract for work performed by it during the period (the "**No Suspension Period**") commencing on the Suspension Date and ending on the earliest to occur of:
 - (A) the date on which the Senior Lenders exercise any of their step-in or transfer rights pursuant to and in accordance with, respectively, Section 4 or Section 6 of the Lenders' Remedies Agreement;
 - (B) the date from which the Senior Lenders agree to pay the Material Project Contractor as contemplated under Section 2.3(b)(1); and
 - (C) the Step-In Date.

except that, if the Authority provides a written notice to the Material Project Contractor pursuant to Section 2.3(b)(2) and thereafter fails to make payment to the Material Project Contractor of any undisputed amount payable pursuant to and in accordance with the

Material Contract for work performed by the Material Project Contractor during the No Suspension Period, the No Suspension Period will terminate and the Material Project Contractor may thereafter exercise any right it may have to temporarily suspend its performance under the Material Contract.

3. STEP-IN AND STEP-OUT

3.1 Step-In Notice

Subject to Section 3.2, if the Authority has terminated the Project Agreement in accordance with its terms or if the Authority has received a Termination Notice, the Authority may give notice to the Material Project Contractor (a “**Step-In Notice**”) of the intention of the Authority to issue a Step-In Undertaking on a specified date (the “**Proposed Step-In Date**”) provided that such Proposed Step-In Date is:

- (a) no later than 10 Business Days after termination of the Project Agreement if the Project Agreement was terminated by the Authority; and
- (b) no later than 10 Business Days after delivery of the Termination Notice to the Authority.

3.2 Lenders’ Step-In Rights

The Authority will not issue a Step-In Notice at any time that the Senior Lenders are validly exercising any step-in rights with respect to the Project under:

- (a) the Lenders’ Remedies Agreement;
- (b) any Senior Financing Agreement; or
- (c) any direct agreement entered into between the Material Project Contractor and the Senior Lenders with respect to the Material Project Contract,

and the running of all notice periods and timelines set out in Section 3.1 will be suspended until such time as the Senior Lenders are no longer exercising, or are no longer permitted to exercise, such rights under the Lenders’ Remedies Agreement, any Senior Financing Agreement or any such direct agreement. The Material Project Contractor will provide copies of all relevant notices delivered by it to, or to it by, the Senior Lenders in respect of the exercise of such rights so as to enable the Authority and the Material Project Contractor to determine, in accordance with this Section 3.2 the notice periods and timelines set out in Section 3.1.

3.3 Notice of Obligations and Step-In Undertaking

Not less than 5 Business Days prior to the Proposed Step-In Date, the Material Project Contractor will give notice to the Authority of any sums that are due and payable but unpaid by Project Co and of any other material obligations or liabilities that should have been performed or discharged by Project Co under the Material Contract, in each case as at the date of the Step-In Notice.

3.4 Update of Obligations

Not less than 2 Business Days prior to the Proposed Step-In Date, the Material Project Contractor will give notice to the Authority of any change in such sums, obligations or liabilities referred to in Section 3.3.

3.5 Delivery of Step-In Undertaking

On or before the Proposed Step-In Date, the Authority may deliver to the Material Project Contractor a written undertaking to the Material Project Contractor (the “**Step-In Undertaking**”) undertaking to the Material Project Contractor to:

- (a) pay or procure the payment to the Material Project Contractor, within 15 Business Days of demand by the Material Project Contractor, of any sum due and payable or accruing due and payable but unpaid by Project Co to the Material Project Contractor under the Material Contract before the Step-In Date, provided that the Material Project Contractor has notified the Authority of such amounts in accordance with Sections 3.3 and 3.4;
- (b) perform or discharge or procure the performance or discharge of any unperformed or undischarged obligations of Project Co under the Material Contract that will have fallen due for performance or discharge before the Step-In Date and of which the Authority has been notified by the Material Project Contractor in accordance with Sections 3.3 and 3.4;
- (c) pay or procure the payment of any sum due and payable by Project Co under the Material Contract as a result of either any work or services performed during the Step-In Period or any act or omission occurring during the Step-In Period that arises from any act or omission occurring after the Step-In Date; and
- (d) perform or discharge or procure the performance or discharge of any obligations of Project Co under the Material Contract as a result of any act or omission occurring during the Step-In Period that arises from any act or omission occurring after the Step-In Date.

3.6 Limits on Authority Liability on Step-In

The Authority will not be required to assume any liability under a Step-In Undertaking for any outstanding obligations or liabilities of Project Co to the Material Project Contractor:

- (a) that existed as at the Step-In Date; and
- (b) of which the Authority has not been notified pursuant to Sections 3.3 and 3.4.

3.7 Non-Delivery of the Step-In Undertaking

If the Authority does not deliver the Step-In Undertaking on or before the Proposed Step-In Date, the Step-In Notice will be deemed to have been withdrawn and the rights and obligations of the parties will be construed as if the Step-In Notice had not been given.

3.8 Effect of Step-In Undertaking

During any Step-In Period, the Material Project Contractor will continue to observe and perform its duties and obligations under the Material Contract and will only be entitled to exercise its rights of termination under the Material Contract:

- (a) by reference to a default under the Material Contract arising during the Step-In Period (other than to the extent that a Project Co Insolvency Event constitutes such a default), provided that no event of default by Project Co under the Project Agreement will entitle the Material Project Contractor to exercise such rights of termination during the Step-In Period;

- (b) if the Authority fails to pay when due any amount owed to the Material Project Contractor or fails to perform or discharge when falling due for performance or discharge any obligation under the Step-In Undertaking; or
- (c) if such rights of termination arise in circumstances where there is no default under the Material Contract by the Authority or the Material Project Contractor.

3.9 Step-Out

The Authority may, at any time, terminate the Step-In Period by giving the Material Project Contractor at least 20 Business Days' notice specifying the date on which the Step-In Period will terminate (the "**Step-Out Date**").

3.10 Effect of Step-Out

The Authority will be released from the Step-In Undertaking on the expiry or termination of the Step-In Period, provided that the Authority has performed and discharged in full or procured the performance and discharge in full of any of the Authority's obligations under the Step-In Undertaking arising on or before the expiry or termination of the Step-In Period.

3.11 Payment by Project Co

Project Co will pay to the Authority on demand any amounts of which the Authority has been notified by the Material Project Contractor pursuant to Sections 3.3 and 3.4 and that were paid by the Authority or a Proposed Substitute to the Material Project Contractor pursuant to this Agreement. Any such amounts will constitute amounts due and payable by Project Co to the Authority under the Project Agreement, and the Authority will have all the same rights and remedies under the Project Agreement (including any rights of set-off) in respect of payment or non-payment of any such amounts as the Authority would have for any payment or non-payment by Project Co of any other amounts that are due and payable by it to the Authority under the Project Agreement.

4. TRANSFER

4.1 Proposed Substitute

At any time that the Authority is entitled to give a Step-In Notice pursuant to Section 3.1 or at any time during the Step-In Period, the Authority may give notice (a "**Proposed Transfer Notice**") to the Material Project Contractor that it wishes itself or another person (a "**Proposed Substitute**") to assume, by way of sale, assignment, transfer or other disposal, the rights and obligations of Project Co under the Material Contract and specifying a date (the "**Proposed Transfer Date**"):

- (a) if the Authority has terminated the Project Agreement but has not given a Step-In Notice, no later than 15 Business Days after termination of the Project Agreement;
- (b) if the Material Project Contractor has given a Termination Notice but the Authority has not given a Step-In Notice, no later than expiry of the Termination Notice; and
- (c) if the Authority has given a Step-In Notice (whether or not the Step-In Period has commenced), no later than 20 Business Days after the date of the Proposed Transfer Notice.

Subject to Section 3, the Material Project Contractor will not be entitled to terminate the Material Contract during the notice period specified in a Proposed Transfer Notice.

4.2 Consent to Transfer

If the Proposed Transfer Notice specifies the Authority as the Proposed Substitute, the Material Project Contractor's consent to the transfer will be deemed to have been given. If the Proposed Substitute is not the Authority, a transfer in accordance with a Proposed Transfer Notice will only be effective if the Material Project Contractor consents to that transfer in writing in accordance with Section 4.3, and the Authority will (as soon as practicable) supply the Material Project Contractor with the following information:

- (a) the name and registered address of the Proposed Substitute;
- (b) the names of the shareholders in the Proposed Substitute and the share capital owned by each of them;
- (c) the names of the directors and the secretary of the Proposed Substitute;
- (d) details of the means by which it is proposed to finance the Proposed Substitute (including the extent to which such finance is committed and any conditions precedent as to its availability for drawing); and
- (e) details of the technical competence of the Proposed Substitute and the resources (including contractual arrangements) which are to be available to the Proposed Substitute to enable it to perform its obligations under the Material Contract.

4.3 Grant of Consent

The Material Project Contractor may withhold or delay consent to a transfer only if the Proposed Substitute is not the Authority and the Authority has failed to show to the Material Project Contractor's satisfaction (acting reasonably) that:

- (a) the Proposed Substitute has the legal capacity, power and authority to become a party to and perform the obligations of Project Co under the Material Contract; and
- (b) the technical competence and financial standing of, and the technical and financial resources available to, the Proposed Substitute are sufficient to perform the obligations of Project Co under the Material Contract.

Within 5 Business Days of the receipt of a Proposed Transfer Notice and all information required under Section 4.2, the Material Project Contractor will notify the Authority in writing that it has consented to the transfer or, if the Material Project Contractor has not consented, will provide to the Authority an explanation of its reasons to withhold its consent.

4.4 Consent Withheld

If the Material Project Contractor withholds its consent to a Proposed Transfer Notice, the Authority may give one or more subsequent Proposed Transfer Notices, pursuant to the provisions of Section 4.1, containing changed particulars relating to the same Proposed Substitute or particulars relating to another Proposed Substitute that the Authority reasonably believes would fulfil the requirements of Sections 4.3, provided that only one Proposed Transfer Notice may be outstanding at any one time, and provided further that:

- (a) if a Step-In Notice has not been issued, any revised Proposed Transfer Date will be a date falling no later than the date specified in Section 4.1(a) or 4.1(b), as the case may be; and

- (b) if a Step-In Notice has been issued, any revised Proposed Transfer Date will be a date falling no later than the date specified in Section 4.1(c).

4.5 Implementation of Transfer

If the Material Project Contractor consents or is deemed to have consented to a transfer pursuant to a Proposed Transfer Notice, then on the Proposed Transfer Date:

- (a) the Proposed Substitute will become a party to the Material Contract in place of Project Co and, thereafter, will be treated as if it was and had always been named as a party to the Material Contract in place of Project Co; and
- (b) the Material Project Contractor, Project Co and the Proposed Substitute will enter into a transfer agreement (the "**Transfer Agreement**") and any other requisite agreements, in form and substance satisfactory to the Material Project Contractor, acting reasonably, pursuant to which:
 - (1) the Proposed Substitute will be granted all of the rights of Project Co under the Material Contract; and
 - (2) the Proposed Substitute will assume all of the obligations and liabilities of Project Co under the Material Contract.

4.6 Effect of Transfer

On and after the Transfer Effective Date:

- (a) the Material Project Contractor will owe its obligations under the Material Contract, whether arising before, on or after such date, to the Proposed Substitute; and
- (b) if the Authority has entered into a Step-In Undertaking, the Authority will be released from the Step-In Undertaking, provided that all obligations of the Authority under the Step-In Undertaking that have accrued up to the Transfer Effective Date have been fully and unconditionally discharged.

The Authority and the Material Project Contractor will use reasonable efforts to agree to any amendments to the Material Contract reasonably necessary to reflect the fact that the Project Agreement may have terminated at the time of the Transfer Effective Date.

4.7 Termination After Transfer

After the Transfer Effective Date, the Material Project Contractor will only be entitled to exercise its rights of termination under the Material Contract:

- (a) in respect of any Project Co Event of Default arising after that date in accordance with the Material Contract; or
- (b) if the Proposed Substitute does not discharge the obligations and liabilities referred to in Section 4.5(b)(2) assumed by it under the Transfer Agreement that relate to matters arising prior to the end of any Step-In Period within 15 Business Days following the Transfer Effective Date.

5. RIGHTS AND OBLIGATIONS UNDER THE MATERIAL CONTRACT

5.1 Rights of Termination

If:

- (a) no Step-In Notice or Proposed Transfer Notice is given before a Termination Notice expires or within 15 Business Days after termination of the Project Agreement by the Authority;
- (b) a Step-In Undertaking is not issued on or before the Proposed Step-In Date;
- (c) the Step-In Notice is withdrawn or, pursuant to Section 3.7, is deemed to have been withdrawn;
- (d) the Step-In Period ends before the occurrence of the Transfer Effective Date;
- (e) in the absence of a Step-In Undertaking, the Material Project Contractor reasonably withholds its consent to a transfer pursuant to a Proposed Transfer Notice, in accordance with Section 4.3, and does not subsequently grant consent to a transfer in accordance with Section 4.4 on or before the Proposed Transfer Date;
- (f) in the absence of a Step-In Undertaking, a Transfer Agreement is not entered into on the Proposed Transfer Date;
- (g) the Material Project Contractor is entitled to terminate the Material Contract under Section 3.8 or 4.7; or
- (h) the Authority exercises its right to Step-Out under Section 3.9, then on the Step-Out Date,

the Material Project Contractor may:

- (i) exercise all of its rights under the Material Contract and act upon any and all grounds for termination available to it in relation to the Material Contract whenever occurring; and
- (j) pursue any and all claims and exercise any and all rights and remedies against Project Co.

5.2 Project Co's Obligations to Continue

Until completion of a transfer pursuant to Section 4.5, Project Co will continue to be liable for all its obligations and liabilities, whenever occurring, under or arising from the Material Contract notwithstanding:

- (a) the service of a Step-In Notice or the issue of a Step-In Undertaking or the expiry of the Step-In Period or the release of a Step-In Undertaking;
- (b) the service of a Proposed Transfer Notice; or
- (c) any other provision of this Agreement.

6. REVOCATION OF NOTICES

A Termination Notice and a Step-In Notice may each be revoked (in writing to the recipient) by the party giving them before the expiry of their respective notice periods. Upon any such revocation, the rights and obligations of the parties will be construed as if the relevant notice had not been given.

7. ASSIGNMENT

7.1 Binding on Successors and Assigns

This Agreement will be binding on and will enure to the benefit of the parties and their respective successors and permitted assigns.

7.2 Restriction on Assignment

No party will assign or transfer any part of its respective rights or obligations under this Agreement without the prior consent of the others (such consent not to be unreasonably withheld or delayed), provided that:

- (a) the Authority will be entitled, without the consent of any other party, to transfer all its rights and obligations hereunder to any person to whom it assigns or otherwise disposes of the benefit of the Project Agreement in accordance with the Project Agreement; and
- (b) the Material Project Contractor will assign or transfer all its rights and obligations under this Agreement to any person to whom it assigns or transfers all its rights and obligations under the Material Contract in accordance with the terms of the Material Contract and the Project Agreement.

8. GENERAL

8.1 Notices

Any notice or communication required or permitted to be given under this Agreement will be in writing and will be considered to have been sufficiently given if delivered by hand or transmitted by electronic transmission to the address or electronic mail address of each party set out below:

if to the Material Project Contractor:

Bird Design-Build Construction Inc.
5700 Explorer Drive
Suite 400
Mississauga, ON L4W 0C6



with copy to:



In all cases copy to:

Clark Builders
4703 – 52 Avenue
Edmonton, AB, Canada
T6B 3R6

[Redacted]

with copy to:

Clark Builders
4703 – 52 Avenue
Edmonton, AB, Canada
T6B 3R6

[Redacted]

if to the Authority:

The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9

[Redacted]

if to Project Co:

Boreal Health Partnership
c/o Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6

[Redacted]

with copy to:

HOCHTIEF Boreal Health Partner Inc.
2 Bloor Street East, Suite 701
Toronto, ON M4W 1A8

[Redacted]

with copy to:

Bird Capital Limited Partnership

Suite 400, 5700 Explorer Drive
Mississauga, ON L4W 0C6

[REDACTED]

with copy to:

[REDACTED]

or to such other address or electronic mail address as any party may, from time to time, designate in the manner set out above. Any such notice or communication will be considered to have been received:

- (a) if delivered by hand during business hours (and in any event, at or before 3:00 p.m. local time in the place of receipt) on a Business Day, upon receipt by a responsible representative of the receiver, and if not delivered during business hours, upon the commencement of business hours on the next Business Day; and
- (b) if delivered by electronic mail during business hours (and in any event, at or before 3:00 p.m. local time in the place of receipt) on a Business Day, upon receipt, and if not delivered during business hours, upon the commencement of business hours on the next Business Day provided that:
 - (1) the receiving party has, by electronic mail or by hand delivery, acknowledged to the notifying party that it has received such notice; or
 - (2) within 24 hours after sending the notice, the notifying party has also delivered a copy of such notice to the receiving party by hand delivery.

8.2 Entire Agreement

Unless otherwise stated in this Agreement, this Agreement constitutes the entire agreement between the parties in connection with its subject matter and supersedes all prior representations, communications, negotiations and understandings concerning the subject matter of this Agreement. No party has relied on any representation except as expressly set out in this Agreement.

8.3 Waiver

The failure of any party to exercise any contractual right or remedy will not constitute a waiver thereof, and no waiver will be effective unless it is communicated in writing to the other party. A waiver of any right or remedy arising from a breach of this Agreement will not constitute a waiver of any right or remedy arising from any other breach of this Agreement.

8.4 No Partnership or Agency

Nothing in this Agreement will be construed as creating a partnership or as constituting the Material Project Contractor as an agent of the Authority. The Material Project Contractor will not hold itself out as having any authority or power to bind the Authority in any way.

8.5 Conflicting Agreements

If there is any conflict or inconsistency between the provisions of this Agreement and the Project Agreement, the provisions of the Project Agreement will prevail.

8.6 Remedies Cumulative

The rights and remedies under this Agreement are cumulative and are in addition to and not in substitution for any other rights and remedies available at law or in equity or otherwise. No single or partial exercise by a party of any right or remedy precludes or otherwise affects the exercise of any other right or remedy to which that party may be entitled.

8.7 Counterparts

This Agreement may be executed in any number of counterparts, all of which when taken together will constitute one and the same instrument.

8.8 Delivery by Fax

Any party may deliver an executed copy of this Agreement by fax but that party will immediately dispatch by delivery in person to the other parties an originally executed copy of this Agreement.

8.9 Joint and Several

If the Material Project Contractor is comprised of more than one legal entity, the obligations and liabilities of the Material Project Contractor under this Agreement will be the obligations and liabilities of each legal entity comprising the Material Project Contractor, jointly and severally with each other such legal entity.

8.10 Disputes

Any dispute between any of the parties with respect to any of the subject matters of this Agreement or any disagreement between any of the parties with respect to any matter that, by the express terms of this Agreement, is to be agreed upon by the parties will be resolved in accordance with, and the parties will comply with, the Dispute Resolution Procedure, provided that, for greater certainty, the parties acknowledge that, during a Step-In Period or after the Transfer Effective Date, any dispute with respect to any of the subject matters of the Material Contract will be resolved in accordance with the applicable dispute resolution procedure thereunder.

[signature pages to follow]

IN WITNESS WHEREOF the parties have executed this Agreement as of the day and year first above written.

BIRD-CLARK STANTON JV, by its members:

BIRD DESIGN-BUILD CONSTRUCTION INC.

by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

CLARK BUILDERS

By: _____
Name:
Title:

**THE GOVERNMENT OF THE NORTHWEST
TERRITORIES**

Per: _____
Authorized Signatory

BOREAL HEALTH PARTNERSHIP, by its general partners:

CARILLION BHP (STH) GP HOLDINGS INC.,
by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

BIRD CAPITAL (STH) GP HOLDINGS INC.,
by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

HOCHTIEF BOREAL HEALTH PARTNER INC.,
by its authorized signatory:

Per: _____
Name:
Title:

SCHEDULE 11

SERVICE PROVIDER COLLATERAL AGREEMENT

for the Stanton Territorial Hospital Project

**THE GOVERNMENT OF THE NORTHWEST TERRITORIES
CARILLION CANADA INC.
BOREAL HEALTH PARTNERSHIP**

Dated: September 22, 2015

SCHEDULE 11

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SERVICE PROVIDER COLLATERAL AGREEMENT

THIS AGREEMENT is dated as of September 22, 2015.

AMONG:

Carillion Canada Inc.

(the "**Material Project Contractor**")

AND:

The Government of the Northwest Territories

(the "**Authority**")

AND:

Boreal Health Partnership

(the "**Project Co**")

WHEREAS:

A. The Authority and Project Co have entered into an agreement dated as of September 22, 2015 (the "**Project Agreement**") whereby Project Co has agreed to design, construct, finance, operate, maintain and perform life cycle rehabilitation on the Facility (the "**Project**"), all as more particularly described in the Project Agreement;

B. Project Co and the Material Project Contractor have entered into an agreement dated as of September 22, 2015 (the "**Material Contract**") whereby the Material Project Contractor has agreed to carry out the Services;

C. It is a condition of the Material Contract that the Material Project Contractor enter into this Agreement with the Authority and Project Co; and

D. The Authority and Project Co have agreed under the terms of the Project Agreement to execute and deliver this Agreement.

NOW THEREFORE in consideration of the mutual promises and agreements of the parties herein expressed and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties covenant and agree as follows:

1. DEFINITIONS AND INTERPRETATION

1.1 Definitions

Unless otherwise specified or the context otherwise requires, capitalized but otherwise undefined terms in this Agreement will have the respective meaning given to such terms in the Project Agreement, and:

"**Agreement**" means this agreement, including any recitals to this agreement, as amended or restated from time to time;

"**Material Contract**" has the meaning set out in Recital B;

"Parties" means the Authority, Project Co and the Material Project Contractor;

"Project" has the meaning set out in Recital A;

"Project Agreement" has the meaning set out in Recital A;

"Proposed Transfer Date" has the meaning set out in Section 4.1;

"Proposed Transfer Notice" has the meaning set out in Section 4.1;

"Proposed Step-In Date" has the meaning set out in Section 3.1;

"Proposed Substitute" has the meaning set out in Section 4.1;

"Step-In Date" means the date the Authority delivers the Step-In Undertaking;

"Step-In Notice" has the meaning set out in Section 3.1;

"Step-In Period" means the period commencing on the Step-In Date and ending on the earliest of:

- (a) the Step-Out Date;
- (b) the Transfer Effective Date; and
- (c) the termination date of the Material Contract as permitted under Section 3.8.

"Step-In Undertaking" has the meaning set out in Section 3.5;

"Step-Out Date" has the meaning set out in Section 3.9;

"Termination Notice" has the meaning set out in Section 2.1;

"Transfer Agreement" has the meaning set out in Section 4.5(b); and

"Transfer Effective Date" means the effective date of the Transfer Agreement.

1.2 Construction and Interpretation

Unless otherwise defined in this Agreement or to the extent the context requires, this Agreement will be interpreted according to the provisions set out in Sections 2 and 3(b) of Schedule 1 [Definitions and Interpretation] to the Project Agreement, except that references in such section to Project Co will be also deemed to be references to the Material Project Contractor.

1.3 Governing Law

This Agreement will be deemed to be made pursuant to the laws of the Northwest Territories and the laws of Canada applicable therein and will be governed by and construed in accordance with such laws.

1.4 Attornment

For the purposes of any legal actions or proceedings brought by any party hereto against the other party, the parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Northwest Territories and acknowledge their competence and the convenience and propriety of the venue and agree to be bound by any judgment thereof and not to seek, and hereby waive, review of its merits by the courts of any other jurisdiction.

2. TERMINATION NOTICE AND AUTHORITY TERMINATION

2.1 Termination Notice

The Material Project Contractor will not terminate the Material Contract without first giving the Authority at least 20 Business Days' Notice (or in the case of a Project Co Event of Default under Part 2 Section 13.1(b) of the Material Contract such longer period as is reasonably required for Project Co to rectify or remedy) specifying the grounds for such termination (the "**Termination Notice**").

2.2 Survival of Material Contract

Notwithstanding any provision of the Material Contract to the contrary, on termination of the Project Agreement by the Authority, the parties agree that the Material Contract will not come to an end except in accordance with the terms of this Agreement.

3. STEP-IN AND STEP-OUT

3.1 Step-In Notice

Subject to Section 3.2, if the Authority has terminated the Project Agreement in accordance with its terms or if the Authority has received a Termination Notice, the Authority may give notice to the Material Project Contractor (a "**Step-In Notice**") of the intention of the Authority to issue a Step-In Undertaking on a specified date (the "**Proposed Step-In Date**") provided that such Proposed Step-In Date is:

- (a) no later than 10 Business Days after termination of the Project Agreement if the Project Agreement was terminated by the Authority; and
- (b) no later than 10 Business Days after delivery of the Termination Notice to the Authority.

3.2 Lenders' Step-In Rights

The Authority will not issue a Step-In Notice at any time that the Senior Lenders are validly exercising any step-in rights with respect to the Project under:

- (a) the Lenders' Remedies Agreement;
- (b) any Senior Financing Agreement; or
- (c) any direct agreement entered into between the Material Project Contractor and the Senior Lenders with respect to the Material Project Contract,

and the running of all notice periods and timelines set out in Section 3.1 will be suspended until such time as the Senior Lenders are no longer exercising, or are no longer permitted to exercise, such rights under the Lenders' Remedies Agreement, any Senior Financing Agreement or any such direct agreement. The Material Project Contractor will provide copies of all relevant notices delivered by it to, or to it by, the Senior Lenders in respect of the exercise of such rights so as to enable the Authority and the Material Project Contractor to determine, in accordance with this Section 3.2 the notice periods and timelines set out in Section 3.1.

3.3 Notice of Obligations and Step-In Undertaking

Not less than 5 Business Days prior to the Proposed Step-In Date, the Material Project Contractor will give notice to the Authority of any sums that are due and payable but unpaid by Project Co and of any other material obligations or liabilities that should have been performed or discharged by Project Co under the Material Contract, in each case as at the date of the Step-In Notice.

3.4 Update of Obligations

Not less than 2 Business Days prior to the Proposed Step-In Date, the Material Project Contractor will give notice to the Authority of any change in such sums, obligations or liabilities referred to in Section 3.3.

3.5 Delivery of Step-In Undertaking

On or before the Proposed Step-In Date, the Authority may deliver to the Material Project Contractor a written undertaking to the Material Project Contractor (the “**Step-In Undertaking**”) undertaking to the Material Project Contractor to:

- (a) pay or procure the payment to the Material Project Contractor, within 15 Business Days of demand by the Material Project Contractor, of any sum due and payable or accruing due and payable but unpaid by Project Co to the Material Project Contractor under the Material Contract before the Step-In Date, provided that the Material Project Contractor has notified the Authority of such amounts in accordance with Sections 3.3 and 3.4;
- (b) perform or discharge or procure the performance or discharge of any unperformed or undischarged obligations of Project Co under the Material Contract that will have fallen due for performance or discharge before the Step-In Date and of which the Authority has been notified by the Material Project Contractor in accordance with Sections 3.3 and 3.4;
- (c) pay or procure the payment of any sum due and payable by Project Co under the Material Contract as a result of either any work or services performed during the Step-In Period or any act or omission occurring during the Step-In Period that arises from any act or omission occurring after the Step-In Date; and
- (d) perform or discharge or procure the performance or discharge of any obligations of Project Co under the Material Contract as a result of any act or omission occurring during the Step-In Period that arises from any act or omission occurring after the Step-In Date.

3.6 Limits on Authority Liability on Step-In

The Authority will not be required to assume any liability under a Step-In Undertaking for any outstanding obligations or liabilities of Project Co to the Material Project Contractor:

- (a) that existed as at the Step-In Date; and
- (b) of which the Authority has not been notified pursuant to Sections 3.3 and 3.4.

3.7 Non-Delivery of the Step-In Undertaking

If the Authority does not deliver the Step-In Undertaking on or before the Proposed Step-In Date, the Step-In Notice will be deemed to have been withdrawn and the rights and obligations of the parties will be construed as if the Step-In Notice had not been given.

3.8 Effect of Step-In Undertaking

During any Step-In Period, the Material Project Contractor will continue to observe and perform its duties and obligations under the Material Contract and will only be entitled to exercise its rights of termination under the Material Contract:

- (a) by reference to a default under the Material Contract arising during the Step-In Period (other than to the extent that a Project Co Insolvency Event constitutes such a default), provided that no event of default by Project Co under the Project Agreement will entitle

the Material Project Contractor to exercise such rights of termination during the Step-In Period;

- (b) if the Authority fails to pay when due any amount owed to the Material Project Contractor or fails to perform or discharge when falling due for performance or discharge any obligation under the Step-In Undertaking; or
- (c) if such rights of termination arise in circumstances where there is no default under the Material Contract by the Authority or the Material Project Contractor.

3.9 Step-Out

The Authority may, at any time, terminate the Step-In Period by giving the Material Project Contractor at least 20 Business Days' notice specifying the date on which the Step-In Period will terminate (the "**Step-Out Date**").

3.10 Effect of Step-Out

The Authority will be released from the Step-In Undertaking on the expiry or termination of the Step-In Period, provided that the Authority has performed and discharged in full or procured the performance and discharge in full of any of the Authority's obligations under the Step-In Undertaking arising on or before the expiry or termination of the Step-In Period.

3.11 Payment by Project Co

Project Co will pay to the Authority on demand any amounts of which the Authority has been notified by the Material Project Contractor pursuant to Sections 3.3 and 3.4 and that were paid by the Authority or a Proposed Substitute to the Material Project Contractor pursuant to this Agreement. Any such amounts will constitute amounts due and payable by Project Co to the Authority under the Project Agreement, and the Authority will have all the same rights and remedies under the Project Agreement (including any rights of set-off) in respect of payment or non-payment of any such amounts as the Authority would have for any payment or non-payment by Project Co of any other amounts that are due and payable by it to the Authority under the Project Agreement.

4. TRANSFER

4.1 Proposed Substitute

At any time that the Authority is entitled to give a Step-In Notice pursuant to Section 3.1 or at any time during the Step-In Period, the Authority may give notice (a "**Proposed Transfer Notice**") to the Material Project Contractor that it wishes itself or another person (a "**Proposed Substitute**") to assume, by way of sale, assignment, transfer or other disposal, the rights and obligations of Project Co under the Material Contract and specifying a date (the "**Proposed Transfer Date**"):

- (a) if the Authority has terminated the Project Agreement but has not given a Step-In Notice, no later than 15 Business Days after termination of the Project Agreement;
- (b) if the Material Project Contractor has given a Termination Notice but the Authority has not given a Step-In Notice, no later than expiry of the Termination Notice; and
- (c) if the Authority has given a Step-In Notice (whether or not the Step-In Period has commenced), no later than 20 Business Days after the date of the Proposed Transfer Notice.

Subject to Section 3, the Material Project Contractor will not be entitled to terminate the Material Contract during the notice period specified in a Proposed Transfer Notice.

4.2 Consent to Transfer

If the Proposed Transfer Notice specifies the Authority as the Proposed Substitute, the Material Project Contractor's consent to the transfer will be deemed to have been given. If the Proposed Substitute is not the Authority, a transfer in accordance with a Proposed Transfer Notice will only be effective if the Material Project Contractor consents to that transfer in writing in accordance with Section 4.3, and the Authority will (as soon as practicable) supply the Material Project Contractor with the following information:

- (a) the name and registered address of the Proposed Substitute;
- (b) the names of the shareholders in the Proposed Substitute and the share capital owned by each of them;
- (c) the names of the directors and the secretary of the Proposed Substitute;
- (d) details of the means by which it is proposed to finance the Proposed Substitute (including the extent to which such finance is committed and any conditions precedent as to its availability for drawing); and
- (e) details of the technical competence of the Proposed Substitute and the resources (including contractual arrangements) which are to be available to the Proposed Substitute to enable it to perform its obligations under the Material Contract.

4.3 Grant of Consent

The Material Project Contractor may withhold or delay consent to a transfer only if the Proposed Substitute is not the Authority and the Authority has failed to show to the Material Project Contractor's satisfaction (acting reasonably) that:

- (a) the Proposed Substitute has the legal capacity, power and authority to become a party to and perform the obligations of Project Co under the Material Contract; and
- (b) the technical competence and financial standing of, and the technical and financial resources available to, the Proposed Substitute are sufficient to perform the obligations of Project Co under the Material Contract.

Within 5 Business Days of the receipt of a Proposed Transfer Notice and all information required under Section 4.2, the Material Project Contractor will notify the Authority in writing that it has consented to the transfer or, if the Material Project Contractor has not consented, will provide to the Authority an explanation of its reasons to withhold its consent.

4.4 Consent Withheld

If the Material Project Contractor withholds its consent to a Proposed Transfer Notice, the Authority may give one or more subsequent Proposed Transfer Notices, pursuant to the provisions of Section 4.1, containing changed particulars relating to the same Proposed Substitute or particulars relating to another Proposed Substitute that the Authority reasonably believes would fulfil the requirements of Sections 4.3, provided that only one Proposed Transfer Notice may be outstanding at any one time, and provided further that:

- (a) if a Step-In Notice has not been issued, any revised Proposed Transfer Date will be a date falling no later than the date specified in Section 4.1(a) or 4.1(b), as the case may be; and
- (b) if a Step-In Notice has been issued, any revised Proposed Transfer Date will be a date falling no later than the date specified in Section 4.1(c).

4.5 Implementation of Transfer

If the Material Project Contractor consents or is deemed to have consented to a transfer pursuant to a Proposed Transfer Notice, then on the Proposed Transfer Date:

- (a) the Proposed Substitute will become a party to the Material Contract in place of Project Co and, thereafter, will be treated as if it was and had always been named as a party to the Material Contract in place of Project Co; and
- (b) the Material Project Contractor, Project Co and the Proposed Substitute will enter into a transfer agreement (the "**Transfer Agreement**") and any other requisite agreements, in form and substance satisfactory to the Material Project Contractor, acting reasonably, pursuant to which:
 - (1) the Proposed Substitute will be granted all of the rights of Project Co under the Material Contract; and
 - (2) the Proposed Substitute will assume all of the obligations and liabilities of Project Co under the Material Contract.

4.6 Effect of Transfer

On and after the Transfer Effective Date:

- (a) the Material Project Contractor will owe its obligations under the Material Contract, whether arising before, on or after such date, to the Proposed Substitute; and
- (b) if the Authority has entered into a Step-In Undertaking, the Authority will be released from the Step-In Undertaking, provided that all obligations of the Authority under the Step-In Undertaking that have accrued up to the Transfer Effective Date have been fully and unconditionally discharged.

The Authority and the Material Project Contractor will use reasonable efforts to agree to any amendments to the Material Contract reasonably necessary to reflect the fact that the Project Agreement may have terminated at the time of the Transfer Effective Date.

4.7 Termination After Transfer

After the Transfer Effective Date, the Material Project Contractor will only be entitled to exercise its rights of termination under the Material Contract:

- (a) in respect of any Project Co Event of Default arising after that date in accordance with the Material Contract; or
- (b) if the Proposed Substitute does not discharge the obligations and liabilities referred to in Section 4.5(b)(2) assumed by it under the Transfer Agreement that relate to matters arising prior to the end of any Step-In Period within 15 Business Days following the Transfer Effective Date.

5. RIGHTS AND OBLIGATIONS UNDER THE MATERIAL CONTRACT

5.1 Rights of Termination

If:

- (a) no Step-In Notice or Proposed Transfer Notice is given before a Termination Notice expires or within 15 Business Days after termination of the Project Agreement by the Authority;
- (b) a Step-In Undertaking is not issued on or before the Proposed Step-In Date;
- (c) the Step-In Notice is withdrawn or, pursuant to Section 3.7, is deemed to have been withdrawn;
- (d) the Step-In Period ends before the occurrence of the Transfer Effective Date;
- (e) in the absence of a Step-In Undertaking, the Material Project Contractor reasonably withholds its consent to a transfer pursuant to a Proposed Transfer Notice, in accordance with Section 4.3, and does not subsequently grant consent to a transfer in accordance with Section 4.4 on or before the Proposed Transfer Date;
- (f) in the absence of a Step-In Undertaking, a Transfer Agreement is not entered into on the Proposed Transfer Date;
- (g) the Material Project Contractor is entitled to terminate the Material Contract under Section 3.8 or 4.7; or
- (h) the Authority exercises its right to Step-Out under Section 3.9, then on the Step-Out Date,

the Material Project Contractor may:

- (i) exercise all of its rights under the Material Contract and act upon any and all grounds for termination available to it in relation to the Material Contract whenever occurring; and
- (j) pursue any and all claims and exercise any and all rights and remedies against Project Co.

5.2 Project Co's Obligations to Continue

Until completion of a transfer pursuant to Section 4.5, Project Co will continue to be liable for all its obligations and liabilities, whenever occurring, under or arising from the Material Contract notwithstanding:

- (a) the service of a Step-In Notice or the issue of a Step-In Undertaking or the expiry of the Step-In Period or the release of a Step-In Undertaking;
- (b) the service of a Proposed Transfer Notice; or
- (c) any other provision of this Agreement.

6. REVOCATION OF NOTICES

A Termination Notice and a Step-In Notice may each be revoked (in writing to the recipient) by the party giving them before the expiry of their respective notice periods. Upon any such revocation, the rights and obligations of the parties will be construed as if the relevant notice had not been given.

7. ASSIGNMENT

7.1 Binding on Successors and Assigns

This Agreement will be binding on and will enure to the benefit of the parties and their respective successors and permitted assigns.

7.2 Restriction on Assignment

No party will assign or transfer any part of its respective rights or obligations under this Agreement without the prior consent of the others (such consent not to be unreasonably withheld or delayed), provided that:

- (a) the Authority will be entitled, without the consent of any other party, to transfer all its rights and obligations hereunder to any person to whom it assigns or otherwise disposes of the benefit of the Project Agreement in accordance with the Project Agreement; and
- (b) the Material Project Contractor will assign or transfer all its rights and obligations under this Agreement to any person to whom it assigns or transfers all its rights and obligations under the Material Contract in accordance with the terms of the Material Contract and the Project Agreement.

8. GENERAL

8.1 Notices

Any notice or communication required or permitted to be given under this Agreement will be in writing and will be considered to have been sufficiently given if delivered by hand or transmitted by electronic transmission to the address or electronic mail address of each party set out below:

if to the Material Project Contractor:

Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6



if to the Authority:

The Government of the Northwest Territories
5th Floor Arthur Laing Building
5003-49th Street, P.O. Box 1320
Yellowknife, NT X1A 2L9



if to Project Co:

Boreal Health Partnership
c/o Carillion Canada Inc.
7077 Keele Street
Concord, ON L4K 0B6

[REDACTED]

with copy to:

HOCHTIEF Boreal Health Partner Inc.
2 Bloor Street East, Suite 701
Toronto, ON M4W 1A8

[REDACTED]

with copy to:

Bird Capital Limited Partnership
Suite 400, 5700 Explorer Drive
Mississauga, ON L4W 0C6

[REDACTED]

with copy to:

[REDACTED]

or to such other address or electronic mail address as any party may, from time to time, designate in the manner set out above. Any such notice or communication will be considered to have been received:

- (a) if delivered by hand during business hours (and in any event, at or before 3:00 p.m. local time in the place of receipt) on a Business Day, upon receipt by a responsible representative of the receiver, and if not delivered during business hours, upon the commencement of business hours on the next Business Day; and
- (b) if delivered by electronic mail during business hours (and in any event, at or before 3:00 p.m. local time in the place of receipt) on a Business Day, upon receipt, and if not delivered during business hours, upon the commencement of business hours on the next Business Day provided that:
 - (1) the receiving party has, by electronic mail or by hand delivery, acknowledged to the notifying party that it has received such notice; or
 - (2) within 24 hours after sending the notice, the notifying party has also delivered a copy of such notice to the receiving party by hand delivery.

8.2 Entire Agreement

Unless otherwise stated in this Agreement, this Agreement constitutes the entire agreement between the parties in connection with its subject matter and supersedes all prior representations, communications, negotiations and understandings concerning the subject matter of this Agreement. No party has relied on any representation except as expressly set out in this Agreement.

8.3 Waiver

The failure of any party to exercise any contractual right or remedy will not constitute a waiver thereof, and no waiver will be effective unless it is communicated in writing to the other party. A waiver of any right or remedy arising from a breach of this Agreement will not constitute a waiver of any right or remedy arising from any other breach of this Agreement.

8.4 No Partnership or Agency

Nothing in this Agreement will be construed as creating a partnership or as constituting the Material Project Contractor as an agent of the Authority. The Material Project Contractor will not hold itself out as having any authority or power to bind the Authority in any way.

8.5 Conflicting Agreements

If there is any conflict or inconsistency between the provisions of this Agreement and the Project Agreement, the provisions of the Project Agreement will prevail.

8.6 Remedies Cumulative

The rights and remedies under this Agreement are cumulative and are in addition to and not in substitution for any other rights and remedies available at law or in equity or otherwise. No single or partial exercise by a party of any right or remedy precludes or otherwise affects the exercise of any other right or remedy to which that party may be entitled.

8.7 Counterparts

This Agreement may be executed in any number of counterparts, all of which when taken together will constitute one and the same instrument.

8.8 Delivery by Fax

Any party may deliver an executed copy of this Agreement by fax but that party will immediately dispatch by delivery in person to the other parties an originally executed copy of this Agreement.

8.9 Joint and Several

If the Material Project Contractor is comprised of more than one legal entity, the obligations and liabilities of the Material Project Contractor under this Agreement will be the obligations and liabilities of each legal entity comprising the Material Project Contractor, jointly and severally with each other such legal entity.

8.10 Disputes

Any dispute between any of the parties with respect to any of the subject matters of this Agreement or any disagreement between any of the parties with respect to any matter that, by the express terms of this Agreement, is to be agreed upon by the parties will be resolved in accordance with, and the parties will comply with, the Dispute Resolution Procedure, provided that, for greater certainty, the parties acknowledge that, during a Step-In Period or after the Transfer Effective Date, any dispute with respect to

any of the subject matters of the Material Contract will be resolved in accordance with the applicable dispute resolution procedure thereunder.

[signature pages to follow]

IN WITNESS WHEREOF the parties have executed this Agreement as of the day and year first above written.

CARILLION CANADA INC.,
by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

**THE GOVERNMENT OF THE NORTHWEST
TERRITORIES**

Per:

Authorized Signatory

BOREAL HEALTH PARTNERSHIP, by its general partners:

CARILLION BHP (STH) GP HOLDINGS INC.,
by its authorized signatories:

Per: _____
Name:
Title:

Per: _____
Name:
Title:

BIRD CAPITAL (STH) GP HOLDINGS INC.,
by its authorized signatory(ies):

Per: _____
Name:
Title:

Per: _____
Name:
Title:

HOCHTIEF BOREAL HEALTH PARTNER INC.,
by its authorized signatory:


Per: _____
Name:
Title:

SCHEDULE 12

PROJECT CO'S OWNERSHIP INFORMATION

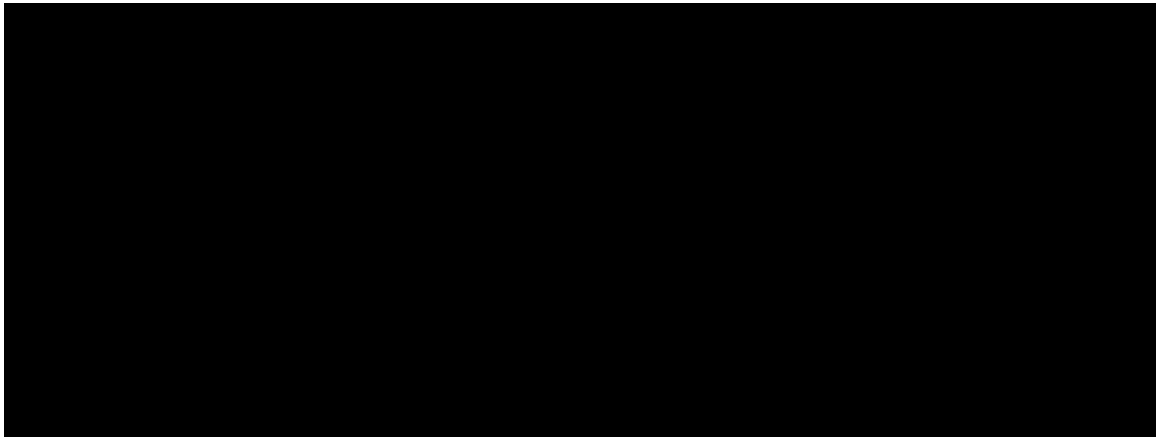
Project Co Information:

Project Co represents and warrants that the following information regarding Project Co is true and complete as of the date of the Agreement:

- 1. Name: **Boreal Health Partnership**
- 2. Date of Registration: 2015-08-28
- 3. Registered number: 
- 4. Executive Committee Members:

Name

Address



- 5. Subsidiaries at the date of this Agreement: None
- 6. Percentage of Interest in Project Co at the date of this Agreement:

Name and address of registered holder

Percentage held

Carillion BHP (STH) GP Holdings Inc.

c/o Carillion Canada Inc.

7077 Keele Street

Concord, ON L4K 0B6

Bird Capital (STH) GP Holdings Inc.

Suite 400, 5700 Explorer Drive

Mississauga, ON L4W 0C6

HOCHTIEF Boreal Health Partner Inc.

2 Bloor Street East, Suite 701



Toronto, ON M4W 1A8

7. Loans at the date of this Agreement issued as follows: None
8. Other outstanding securities (including description of type of securities, name and address of holder and amount): None
9. Summary of any constitutional, contractual or other special voting rights, restrictions on powers of directors or similar matters relevant to the control of Project Co:

The business and affairs of Project Co are managed by an executive committee appointed by the Partners. The day to day operations of Project Co will be managed by Carillion Construction Inc. pursuant to the terms of a management services agreement as between Project Co and Carillion Construction Inc. as manager (the "**Management Services Agreement**"). Certain material decisions with respect to Project Co must be decided by way of unanimous resolution of the Partners, including: major corporate changes to Project Co (i.e., changes to the constating documents, changes to the business, merger, amalgamation, wind-up, reorganization or termination); changes to the managerial structure of Project Co; delegations of authority to officers of any of the Partners; the commencement of or settlement of any litigation and/or other administrative proceedings involving Project Co; creation of new subsidiaries of any Partner; certain financial matters of Project Co (including the approval of financial statements, any changes to the fiscal period and/or accounting principles previously applied by Project Co, any filing of any application under the *Bankruptcy and Insolvency Act*, the *Companies Creditors Arrangement Act* or legislation of similar effect or any material increase or decrease in the aggregate amount of the approved annual capital budget or annual operating budget); any material acquisition of property, plant or equipment; any disposition of all or substantially all of the property, plant and equipment of Project Co; the entering into of any material contract; any amendment to, termination of, or waiver of rights in respect of (a) the equity contribution agreement as between the Partners, Project Co and the Indenture Trustee, (b) the amended and restated general partnership agreement as between each of the Partners with respect to Project Co (the "**Amended and Restated General Partnership Agreement**"), (c) the Agreement, (d) the Design-Build Agreement, (e) the Services Contract, (f) the interface agreement between Project Co, the Service Provider and the Design-Builder, (g) the Management Services Agreement and (h) the Finance Documents (as defined in the Trust Indenture) and other items as described in section 5.12 of the Amended and Restated General Partnership Agreement.

Furthermore, Articles 3-4 and Schedule B of the Amended and Restated General Partnership Agreement restrict the issuance and transfer of units and partnership interests.

SCHEDULE 13

DISPUTE RESOLUTION PROCEDURE

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APPENDIX 13A REFEREE AGREEMENT

SCHEDULE 13

DISPUTE RESOLUTION PROCEDURE

1. INTERPRETATION

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 of this Agreement:

“**Dispute Notice**” has the meaning set out in Section 2.2 of this Schedule;

“**Dispute Resolution Procedure**” has the meaning set out in Section 2.1 of this Schedule;

“**Initiating Party**” has the meaning set out in Section 2.6(b)(2) of this Schedule;

“**Notice of Intention to Arbitrate**” has the meaning set out in Section 2.6(a) of this Schedule;

“**Notice of Objection to Arbitration**” has the meaning set out in Section 2.6(b) of this Schedule;

“**Referee**” has the meaning set out in Section 2.4 of this Schedule;

“**Referee Agreement**” has the meaning set out in Section 2.4(c) of this Schedule;

“**Referee Notice**” has the meaning set out in Section 2.4 of this Schedule; and

“**Responding Party**” has the meaning set out in Section 2.6(b)(2) of this Schedule.

2. DISPUTE RESOLUTION

2.1 Procedure

Unless both parties otherwise agree, all Disputes will be resolved in accordance with the provisions of this Schedule (the “**Dispute Resolution Procedure**”), provided that the decision of the Independent Certifier that Service Commencement has been achieved is final and binding on the parties, and such decision will not be the subject of a Dispute and will not be subject to the Dispute Resolution Procedure. Except for the foregoing decision as to achievement of Service Commencement, all other decisions of the Independent Certifier, including as to any Deficiencies, may be the subject of a Dispute and may be subject to the Dispute Resolution Procedure.

2.2 Dispute Notice

The Dispute Resolution Procedure may be commenced by either party by giving notice to the other party (the “**Dispute Notice**”) briefly setting out the pertinent facts, the remedy or relief sought and the grounds on which such remedy or relief is sought.

2.3 Negotiation

Within 5 Business Days of one party receiving a Dispute Notice from the other, or such longer period as the parties may agree, a Representative of each party will meet and make good faith efforts to resolve the Dispute by without prejudice negotiations.

2.4 Fast Track Referee Process

If the Dispute is not resolved pursuant to Section 2.3 of this Schedule to the mutual satisfaction of the parties within 5 Business Days (or such longer period as the parties may agree) following the receipt of the Dispute Notice by the receiving party, either party may by notice to the other (a "**Referee Notice**"), request the appointment of a referee ("**Referee**") as provided under the terms of this Section 2.4. The Referee will be appointed as an expert to resolve the Dispute and will participate in the resolution of the Dispute as set out below:

- (a) if the Referee Notice is given during the Construction Period, then the Independent Certifier will as of the end of the 2nd Business Day following the delivery of the Referee Notice be deemed the Referee unless:
 - (1) within 2 Business Days of the delivery of the Referee Notice, either (i) the parties agree that another person would be more suitable considering the nature of the Dispute, or (ii) either party gives written notice that it objects to the Independent Certifier acting as Referee in relation to the Dispute; or
 - (2) for any reason the Independent Certifier is unable to perform the duties of the Referee,and in either such case the Referee will be appointed in the manner described in Section 2.4(b) of this Schedule;
- (b) if the Dispute Notice is given during the Operating Period or Section 2.4(a) of this Schedule requires that this Section 2.4(b) applies, the parties will appoint a Referee in the following manner:
 - (1) within 2 Business Days of the delivery of a Referee Notice, each party will submit in writing to the other party, the names of no more than 2 candidates for Referee who are independent of the parties, experienced in the resolution of similar disputes and immediately available to perform the role of Referee in respect of the Dispute at hand;
 - (2) if a party has an objection to a proposed candidate, it will give written notice of such objection with reasons to the other party;
 - (3) if for any reason within 3 Business Days of the delivery of a Referee Notice, a Referee has not been appointed, then either party may apply to a judge for an arbitrator to be promptly appointed in accordance with the *Arbitration Act*

(Northwest Territories) to act as a Referee under this Agreement in relation to the Dispute.

- (c) the parties will enter into an agreement with the Referee to act as Referee generally in the form attached as Appendix 13A (the "**Referee Agreement**"), such agreement to be entered into no later than 2 Business Days after the Referee's appointment. The Referee's fees and expenses will be shared equally by the Authority and Project Co. The Authority will pay the full amount of the Referee's fees and expenses on the day that such fees and expenses are due (including any advances on fees and expenses) in accordance with the Referee Agreement and Project Co will reimburse the Authority, for Project Co's share of all such fees and expenses within 5 Business Days of receipt of a written demand from the Authority, failing which the Authority will be entitled to deduct the amount of Project Co's share of the Referee's fees and expenses from amounts otherwise due to Project Co under the provisions of this Agreement;
- (d) the Referee will conduct an impartial review of the Dispute in such manner as the Referee thinks fit, including carrying out on-site inspections and interviews with any persons that the Referee thinks fit. The parties will comply with all reasonable requests from the Referee for additional information, documents and access to personnel which the Referee considers necessary for the review. Any submission or documentation in respect of the Dispute provided to the Referee by a party will also be provided to the other party;
- (e) the Referee may, with the written approval of both parties, retain other professional persons or experts to assist with the review and will pay due regard to any request by either party for him to retain such other professional persons or experts;
- (f) the Referee will not be obliged to conduct his enquiries in the presence of the parties or receive submissions from the parties, except to the extent that the Referee thinks fit, and may render his decision notwithstanding the failure of a party to participate in the proceedings;
- (g) the Referee will render a brief, written, reasoned and impartial decision on the Dispute, with copies to both parties within 5 Business Days of the signing by the Referee and both parties of the Referee Agreement referred to in Section 2.4(c) of this Schedule, or such longer period as agreed to in writing by both parties. The Referee's decision will be in the form of a proposed determination of the rights of the parties having regard to the Referee's understanding of the relevant contractual provisions, the applicable law and the facts as agreed by the parties or as best the Referee is able to determine them;
- (h) each party acknowledges the value of having the Referee render a timely decision regarding the Dispute. If the Referee is unable to render his decision within the time set or as extended by mutual agreement of the parties, then the parties will request that the Referee provide to the parties within such time such analysis of the Dispute as the Referee is able to make within that time and describe the further work the Referee recommends would be required in order to arrive at a reasoned decision;

- (i) subject to the provisions of Section 3.3 of this Schedule, a decision of a Referee is not binding on the parties but is intended to assist the parties to reach agreement with respect to the Dispute;
- (j) the proceedings under this Section 2.4 will be confidential and all information, data or documentation disclosed or delivered by either party to the Referee as a result or in connection with his duties as Referee will be treated as confidential and neither the parties nor the Referee will, except as would be permitted under Section 17 of this Agreement, disclose to any Person any such information, data or documentation unless the parties otherwise agree in writing. Nothing contained in this provision will prevent the submission in any subsequent proceedings of any evidence other than evidence that came into existence for the express purpose of submission to, or assistance of, the Referee; and
- (k) the proceedings by or before a Referee will be without prejudice in any subsequent proceedings.

2.5 Commencement of Proceedings

If the Dispute is not completely resolved by agreement between the parties within 10 Business Days of the receipt of the Referee's decision or analysis pursuant to Section 2.4 of this Schedule (or such longer period as the parties may agree) or within 10 Business Days of the date on which the Referee's decision or analysis ought to have been received under Section 2.4 of this Schedule then either party may commence proceedings to have the Dispute finally settled, either by arbitration under Section 2.6 of this Schedule or by litigation as contemplated in Section 2.7 of this Schedule. In any such proceedings the scope of issues will not be limited strictly to the terms of the Dispute Notice but may extend to include directly related matters for the purpose of completely resolving the Dispute.

2.6 Arbitration

If a party is entitled under Section 2.5 of this Schedule to commence proceedings to have a Dispute finally resolved, then:

- (a) the party may give the other party notice ("**Notice of Intention to Arbitrate**") of its intention to submit the Dispute to binding arbitration; and
- (b) if the other party does not deliver a notice of objection (the "**Notice of Objection to Arbitration**") within 5 Business Day of receipt of the Notice of Intention to Arbitrate then either party may refer the Dispute to be finally resolved by arbitration as follows:
 - (1) the *Arbitration Act* (Northwest Territories) will apply to the arbitration, as modified by this Schedule or as otherwise agreed by the parties;
 - (2) arbitration proceedings will be commenced by a party (the "**Initiating Party**") giving notice to the other party (the "**Responding Party**");

- (3) the arbitrator(s) will have the authority to award any remedy or relief that a court or judge of the Supreme Court of the Northwest Territories could order or grant in accordance with the Agreement, including specific performance of any obligation created under the Agreement, the issuance of an interim, interlocutory or permanent injunction, or the imposition of sanctions for abuse or frustration of the arbitration process;
- (4) meetings and hearings of the arbitrator(s) will take place in the City of Yellowknife or in such other place as the parties agree and such meetings and hearings will be conducted in the English language unless otherwise agreed by such parties;
- (5) the arbitrator(s) may at any time fix the date, time and place of meetings and hearings in the arbitration, upon reasonable notice to the parties;
- (6) subject to any adjournments permitted by the arbitrator(s) the final hearing will be continued on successive Business Days until it is concluded;
- (7) all meetings and hearings will be in private unless the parties agree otherwise and either party may be represented at any meetings or hearings by legal counsel;
- (8) either party may examine, and re-examine, all its own witnesses at the arbitration and may cross-examine all of the other party's witnesses;
- (9) the arbitration will be kept confidential and the existence of the proceeding and any element of it (including any pleadings, briefs or other documents submitted or exchanged, and testimony or other oral submission and any awards) will not be disclosed to any party other than the arbitrators, the parties (and their respective directors, officers, shareholders and legal counsel), the Senior Lenders and such other persons as may be necessary to the conduct of the proceeding or required by law; and
- (10) the arbitrator(s) will deliver a decision in writing within 15 Business Days after the conclusion of the hearing and, unless the parties agree otherwise, will set out reasons for the decision.

2.7 Litigation

If either party is entitled under Section 2.5 of this Schedule to commence proceedings to have a Dispute finally resolved and:

- (a) no Notice of Intention to Arbitrate has been delivered by one party to the other; or
- (b) a Notice of Objection to Arbitration has been delivered by one party to the other in response to a Notice of Intention to Arbitrate;

then either party may commence proceedings in respect of the Dispute in the courts of the Northwest Territories and for purposes of certainty, the provisions of Section 17.5 of this Agreement will apply to such litigation. If a party has commenced such proceedings but has not served the other party as required for such proceedings prior to the other party delivering a Notice of Intention to Arbitrate, the party commencing such proceedings will either give the Notice of Objection to Arbitrate or serve such party the required notice within the time required under Section 2.6(b) of this Schedule, failing which the Dispute will be resolved by arbitration under Section 2.6 of this Schedule.

3. GENERAL

3.1 Other Remedies

Nothing contained in this Schedule will preclude a party from initiating a proceeding in a court of competent jurisdiction for the purpose of obtaining an effective emergency or provisional remedy to protect its rights as necessary in the circumstances, including obtaining temporary and preliminary injunctive relief and other orders, whether before or after the Dispute has been initiated by a Dispute Notice.

3.2 Strict Compliance with Time Limits

The parties acknowledge that timely resolution of Disputes is mutually beneficial and the time limits set out in this Schedule, or as otherwise agreed by the parties, will therefore be strictly complied with and enforced.

3.3 Interim Decision

If a Dispute occurs then the Authority and Project Co will in good faith carry out their respective obligations under this Agreement pending resolution of the Dispute pursuant to the Dispute Resolution Procedure. Prior to resolution of the Dispute, the Authority may in its discretion by notice to Project Co direct Project Co to proceed in respect of the matter in Dispute or any related matter and Project Co will comply with and implement the direction. Such direction will be without prejudice to Project Co's rights to compensation or other rights under the Agreement. Nothing in this Schedule will limit the Authority's right to require a Change.

APPENDIX 13A

REFEREE AGREEMENT

BETWEEN:

[Name and address of Referee]
(the “**Referee**”)

AND:

Government of the Northwest Territories
(the “**Authority**”)

AND:

Boreal Health Partnership
(“**Project Co**”)

We write to confirm your appointment as a Referee under the Project Agreement dated ■ between the Authority and Project Co (the “Project Agreement”). The terms of your appointment are as contained in Section 2.4 of Schedule 13 [Dispute Resolution Procedure] to the Project Agreement.

We confirm our agreement for you to review the Dispute(s) described in the Dispute Notice in accordance with the provisions of the Project Agreement, and to perform the functions of a Referee as described in Section 2.4 of Schedule 13 [Dispute Resolution Procedure] to the Project Agreement. A copy of the Project Agreement and related materials, will be forwarded to you shortly.

We confirm that your daily/hourly rate for fees is \$ _____. In addition to your invoiced fees, the Authority will pay any and all reasonable disbursements incurred in providing your services.

Please submit your invoices on a monthly basis directly to _____ **[Insert name of Authority’s Construction or Operating Period Representative as applicable]** (the “**Authority’s Representative**”). The Authority will make payment within 30 calendar days of receipt.

Please confirm your agreement to the terms as set out in this letter by signing a copy of the enclosed letter and returning it to the Authority’s Representative.

Yours truly,

Authorized Signatory of the Authority

Date

Authorized Signatory of Project Co

Date

Referee

Date

SCHEDULE 14

RECORDS AND REPORTS

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SCHEDULE 14

RECORDS AND REPORTS

1. GENERAL REQUIREMENTS

- (a) Project Co will retain and maintain all the records (including superseded records) referred to in Section 2 of this Schedule as follows:
- (1) in accordance with this Schedule and other applicable terms of this Agreement;
 - (2) in an organized manner;
 - (3) in a form that is capable of audit;
 - (4) in accordance with the requirements of Good Industry Practice, including all requirements of the Canadian Institute for Health Information (CIHI);
 - (5) having due regard to the guidelines and policies of the Access and Privacy Office of GNWT;
 - (6) in accordance with Project Co's normal business practices; and
 - (7) in accordance with GAAP.
- (b) Wherever practical and unless otherwise agreed, Project Co will retain and maintain original records in hard copy form. Project Co will also maintain all electronic data and records in readable and accessible form.
- (c) Any drawings or plans required to be made or supplied pursuant to this Agreement will be of a size appropriate to show the detail to be depicted clearly without magnifying aids. If by prior agreement with Project Co the Authority has agreed to accept microfilm, microfiche or other electronic storage media (which must include secure back up facilities), Project Co will make or supply, or have made or supplied, drawings and other documents in such agreed upon form.
- (d) Project Co will retain and maintain all records referred to in Section 2 of this Schedule, all in sufficient detail, in appropriate categories and generally in such a manner to enable each party to comply with its obligations and exercise its rights under this Agreement.
- (e) Project Co will maintain all records for the period specified for such records in Section 2 of this Schedule and if no period is specified, for not less than 10 years.
- (f) Prior to destroying or disposing of any records required to be maintained under Section 2 of this Schedule, Project Co will give the Authority 45 Business Days' notice of Project Co's intention to destroy or dispose of records. If within such 45 Business Day period the Authority gives notice to Project Co that the Authority wishes to receive any of the records, then Project Co will, at the cost and expense of the Authority, deliver up such

records to the Authority in the manner and at the location or locations as the Authority specifies, acting reasonably.

- (g) Project Co will provide a comprehensive computerized information management system which will include:
- (1) records and information related to the Design, the Construction, the Facility and all Services delivered under this Agreement;
 - (2) access by the Authority (through online web access or other access acceptable to the Authority) to all such information such that the Authority will be able to read, copy, download and search all such records without licence or payment;
 - (3) hardware and software which operate the information management and communications systems and which interface with the Authority's information technology systems, provided that any changes required and resulting from an upgrade to, or change by, the Authority to its system will be paid for by the Authority;
 - (4) backup and storage in safe custody of the data, materials and documents in accordance with Good Industry Practice; and
 - (5) records and details of specific license requirements.
- (h) Within 20 Business Days after the end of each Contract Year, Project Co will deliver to the Authority a report, as reasonably requested by the Authority in connection with the Authority's financial reporting, detailing to the best of Project Co's knowledge at the time of any such report any and all liabilities, claims and demands, including contingent liabilities, claims and demands, that Project Co has or may have against the Authority or that may be owing by the Authority to Project Co. The parties acknowledge and agree that the contents of any such report or the failure to mention any matter in any such report will not limit either party's rights or remedies against the other party as contemplated by this Agreement.
- (i) Project Co will provide to the Authority:
- (1) not later than 80 Business Days after the end of each fiscal year of Project Co, a copy of Project Co's audited financial statements prepared in accordance with GAAP, consistently applied; and
 - (2) not later than 40 Business Days after the end of each fiscal quarter of Project Co, a copy of Project Co's unaudited quarterly financial statements, together with copies of all related directors' and auditors' reports and all other notices and circulars to shareholders or partners, all of which documents will be treated by the Authority as Confidential Information of Project Co.

- (j) The Authority and its employees, agents and other representatives may at any time at the Authority's expense conduct an audit, examination or investigation of all the records (including superseded records) referred to in this Schedule. Project Co will make available its facilities and records and provide reasonable assistance, including providing copies, in the conduct of - and, without limiting Schedule 6 [Changes, Minor Works and Innovation Proposals], implement any recommendations from the Authority arising from - the audit, examination or investigation.

2. RECORDS TO BE KEPT

Project Co will retain, and will require its Project Contractors to retain, the following:

- (a) this Agreement, its Schedules, the Project Contracts, Senior Financing Agreements and all other documents and instruments in respect of any financing, including all amendments to such agreements for a period of 6 years after the Termination Date;
- (b) the Financial Model, including the following in respect of the Financial Model:
 - (1) all prior versions;
 - (2) all amendments and modifications;
 - (3) all related or incidental reports; and
 - (4) written operating instructions in sufficient detail to allow the Authority to access and review all formulas, coding, data and other inputs;
- (c) the as-built drawings, plan, records and other Construction documentation described in Schedule 2 (Design and Constructions Protocols) and Schedule 3 (Design and Construction Specifications) for a period of 6 years after the Termination Date, including any revisions or amendments to such documents (copies of all such documents will be kept at the Facility and made accessible to the Authority at all times), including up-to-date CAD drawings for the Facility and all Services, linked to, and compatible with, the Authority's information systems;
- (d) all documents relating to the appointment and supervision of Project Co's Design and Construction Representative and the Independent Certifier for a period of 6 years following the Service Commencement Date;
- (e) all documents relating to all Permits, including applications, refusals and appeals, for a period of 6 years after the expiry date of the relevant Permit;
- (f) all notices, reports, test reports, results and certificates relating to the Design, the Construction, and the Lands, including as described in Schedule 2 [Design and Construction Protocols] or in Schedule 3 [Design and Construction Specifications], for a period of 6 years after the Service Commencement Date;

- (g) all records relating to any inspections of the Facility conducted under applicable Laws or by or for any Governmental Authority;
- (h) all orders or other requirements issued to Project Co by any Governmental Authority for a period of 6 years after such order or requirement has been satisfied by Project Co;
- (i) all operation and maintenance manuals, procedures, guidelines, policies and other similar records in respect of the Facility until the Termination Date including all information electronically and manually recorded by the BMS and the CMMS for the Facility and the Existing Hospital (if applicable) for a period of 6 years after such information was recorded;
- (j) all testing certificates in respect of all building elements, components, systems and equipment and appropriate documentation and records (in particular those relating to any aspects of safety or statutory compliance) relating thereto;
- (k) all notices delivered to the Help Desk and all responses from the Help Desk in respect of such notices for a period of 6 years after such notice was delivered;
- (l) all electronically and manually recorded information with respect to the provision of the Services including Events, Availability Conditions, Unavailability Events and Service Failures for a period of 6 years after such information was recorded;
- (m) all electronically and manually recorded information with respect to actions initiated by Project Co to respond to and rectify Events, Availability Conditions, Unavailability Events and Service Failures for a period of 6 years following rectification of such matters;
- (n) all electronically or manually recorded reports and information related to safety and security of Facility Users, including the date and time of such incidents, for a period of 6 years after each such event;
- (o) a comprehensive electronic inventory control system and asset register that provides up-to-date records for all building elements, components, systems and equipment;
- (p) comprehensive maintenance and overhaul records for the Facility and the Existing Hospital (if applicable) including the date, time and scope of each such activity until the Termination Date;
- (q) all Performance Monitoring Reports and the information and data used to prepare such reports for a period of 6 years following the date of each such report;
- (r) detailed records and reports related to use and consumption of Utilities and Energy;
- (s) invoices and payments, including calculation thereof;
- (t) all certificates, permits, licences, registrations or warranties related to the provision of the Services for a period of 6 years after their expiration;

- (u) all documents relating to Supervening Events and the consequences thereof for a period of 6 years after the relevant event occurred, or in the case of a matter in Dispute, for a period of 6 years after a determination has been made with respect thereto;
- (v) all notices delivered to or received from the Authority's Representative for a period of 6 years after receipt;
- (w) all documents relating to a referral to the Dispute Resolution Procedure for a period of 6 years after a determination has been made with respect thereto;
- (x) all documents submitted in connection with any Change;
- (y) all documents relating to a Change in Control of Project Co;
- (z) all documents relating to a Refinancing (other than an Exempt Refinancing) until the Termination Date;
- (aa) all tax invoices, assessments, returns and other records applicable to the Project (other than any income tax records for Project Co or records pertaining to other taxes personal to Project Co) for a period of 7 years after the Termination Date or such longer period as may be required by Law;
- (bb) all records required by Law (including in relation to health and safety matters) to be maintained by Project Co with respect to the Design, the Construction and the Services;
- (cc) all documents relating to insurance and insurance claims for a period of 12 years after the relevant claim is settled;
- (dd) financial accounts of Project Co referred to in Section 1(i) of this Schedule; and
- (ee) all other records, notices or certificates required to be produced or maintained by Project Co pursuant to the express terms of this Agreement or any Project Contract.

SCHEDULE 15
FINANCIAL MODEL

Redacted.

SCHEDULE 16
COMMUNICATION ROLES

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SCHEDULE 16

COMMUNICATION ROLES

The Authority and Project Co will, throughout the Term, share responsibilities for communications, including community relations, stakeholder consultation, media relations and emergency communications on the terms set out in this Schedule.

1. GENERAL

- 1.1 Project Co will consult and cooperate with the Authority regarding communications activities relating to the Project.
- 1.2 The desired outcome of communications activities is to inform and involve the public and other stakeholders about the progress, value and benefits of the Project and to develop and maintain support for the Project.
- 1.3 Communications strategies and plans involving the interests of both parties are to be prepared on a joint basis, with one party taking a lead role and the other a supporting role, as described in this Schedule.
- 1.4 Where communications strategies and plans involve the interests of both parties, each party will give the other a reasonable opportunity (taking into account the need for timely communications) to consider communications strategies and plans initiated by the other and, if information is supplied by a party, it should include or be accompanied by sufficient explanatory or other material to enable the information to be properly considered.
- 1.5 Project Co will consider and, acting reasonably, take into account, public and other stakeholder input in regard to its plans for the Design, the Construction and the Services.
- 1.6 This Schedule is a guideline and may be amended by mutual agreement. Except for non-compliances with this Schedule by Project Co that constitute Persistent Breach, non-compliance with this Schedule by Project Co will not constitute a Project Co Material Breach and non-compliance with this Schedule by the Authority will not constitute an Authority Material Breach.
- 1.7 No communication regarding the subject matter of a Dispute, including one resolved under the Dispute Resolution Procedure, will be made public or shared beyond the parties without the prior written consent of the Authority or Project Co, as the case may be, unless otherwise ordered under the Dispute Resolution Procedure.
- 1.8 Project Co acknowledges that the *Access to Information and Protection of Privacy Act* (Northwest Territories) applies to the Authority, that nothing in this Schedule limits any requirements for compliance with that Act and that the Authority may be required to make disclosure of information under that Act.
- 1.9 Project Co acknowledges that the Authority will be free to disclose (including on websites) this Agreement and any and all terms hereof, except for those portions that would not be required to

be disclosed under the *Access to Information and Protection of Privacy Act* (Northwest Territories). The Authority will consult with Project Co prior to such disclosure.

- 1.10 Except for Section 1.9, this Schedule is subject to the parties' obligations in respect of Confidential Information and Personal Information pursuant to Sections 17.1, 17.2 and 17.3 of this Agreement.

2. CATEGORIES OF COMMUNICATIONS

The following categories of communications are covered by this Schedule and each category applies during the Construction Period and the Operating Period:

- (a) **Communications Planning:** developing plans and strategies in support of the Project, including integrating the categories of communication listed in Section 6 of this Schedule;
- (b) **Community Relations:** keeping all key audiences (as identified in communications plans) informed, including providing overall Project information, including information about schedule, design, construction (including traffic management), facilities management and other services, using any and all appropriate communications tools and tactics;
- (c) **Consultation:** engaging in discussions with Project stakeholders throughout each period;
- (d) **Media Relations:** providing media with Project updates and responding to issues raised by the media; and
- (e) **Emergency Communications:** preparing and implementing crisis communications planning and preparedness.

3. LEAD AND SUPPORTING ROLES

3.1 Within each category of communications set out in Section 6 of this Schedule, Project Co will play either a lead or supporting role, working with the Authority to achieve the desired communications outcomes. These roles may be different for the different periods of the Project.

3.2 For all categories of communication, and whether communication occurs as part of a lead or supporting role, no advertising that involves payment, by Project Co, to a third party may include the Authority or the Project unless Project Co obtains the prior consent of the Authority, not to be unreasonably withheld or delayed.

4. LEAD RESPONSIBILITIES

The following is an overview of the responsibilities associated with lead roles:

- (a) developing a communications plan to include all activities for which the party is identified as lead (communications plans should be updated annually from the Effective Date);

- (b) having regard for the input of the supporting party, approving communication plans and tactics in response to specific circumstances, unless otherwise indicated in this Schedule;
- (c) implementing its role in approved plans;
- (d) achieving the outcomes set out in the annual strategic communication plans;
- (e) maintaining constructive and positive relationships with the public and other stakeholders;
- (f) providing information, as required by the supporting party and its team members, to support communication and consultation activities;
- (g) as relevant to its lead role, organizing, attending and participating in community and other stakeholder consultation meetings and carrying out other communication activities to consult with and report back to the community and other stakeholders, including open houses, information updates, public displays, advertising, website creation, maintenance updates, construction notices, milestone celebration events, news releases and tours, and directing inquiries to the supporting party as appropriate;
- (h) assuming responsibility for costs related to carrying out lead responsibilities, in the amounts and in the manner outlined in approved plans;
- (i) monitoring whether the Design, the Construction and the Services are conducted in a manner consistent with strategic communication plans and advising the parties of any material inconsistency; and
- (j) having a local, trained media relations spokesperson available 24/7 to respond to media requests.

5. SUPPORTING RESPONSIBILITIES

The following is an overview of the responsibilities associated with supporting roles:

- (a) obtaining approval for plans and tactics before implementation;
- (b) assisting with the development and implementation of plans, including drafting of initial plans and other communication documents, such as coloured floor plans/elevations/perspectives for public communications, as directed by the lead party;
- (c) implementing its role in approved plans;
- (d) maintaining constructive and positive relationships with the public and other stakeholders;
- (e) providing information, as required by the lead party and its team members, to support communication and consultation activities;
- (f) as relevant to its supporting role, organizing, attending and participating in community and other stakeholder consultation meetings and carrying out other communication

activities to consult with and report back to the community and other stakeholders, including open houses, information updates, public displays, advertising, website creation, maintenance updates, construction notices, milestone celebration events, news releases and tours, and directing inquiries to the lead party as appropriate;

- (g) assuming responsibility for costs related to carrying out supporting responsibilities, in the amounts and in the manner outlined in approved plans; and
- (h) having a local, trained media relations spokesperson available 24/7 to respond to media requests.

6. ALLOCATION OF LEAD AND SUPPORTING ROLES

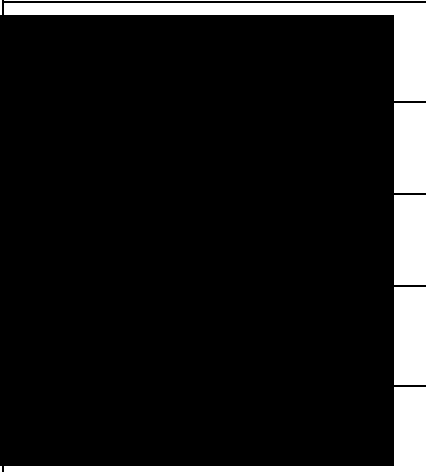

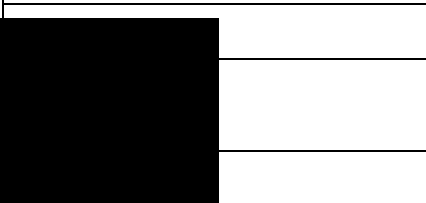
The lead and supporting roles will be allocated as set out in the following table, unless otherwise required by the Authority in consultation with Project Co.

PERIOD	CATEGORY	LEAD	SUPPORTING
Construction Period	Communications Planning	Authority	Project Co
	Community Relations	Authority	Project Co
	Consultation	Authority	Project Co
	Media Relations	Authority	Project Co
	Emergency Communications	Authority	Project Co
	Construction	Project Co	Authority
	Traffic	Project Co	Authority
	Noise	Project Co	Authority
Operating Period	Communications Planning	Authority	Project Co
	Community Relations	Authority	Project Co
	Consultation	Authority	Project Co
	Media Relations	Authority	Project Co
	Emergency Communications	Authority	Project Co

7. AUTHORITY RIGHT TO STEP IN AT PROJECT CO'S COST

If Project Co is required to take a lead role in accordance with Section 6 of this Schedule but fails to comply with its obligations under this Schedule in any material respect, the Authority may give reasonable notice to Project Co that it intends to undertake and assume the lead role obligations of Project Co, at the expense of Project Co, including all direct costs of engaging third party assistance with communication responsibilities and all Direct Losses of the Authority in connection with fulfilling Project Co's obligations under this Schedule.

SCHEDULE 17
KEY INDIVIDUALS

Name of Key Individual	Capacity	Applicable Period of Term
Project Co:		
	Project Lead	Construction Period Operating Period
	Project Co's Design and Construction Representative	Construction Period
	Project Co's Operating Period Representative	Operating Period
	Communications Lead	Construction Period Operating Period
	Transition Manager	Construction Period and Operating Period
Design-Builder:		
	Design-Builder Lead	Construction Period
	Design Lead	Construction Period
	Construction Lead	Construction Period
	FF&E Lead	Construction Period
	Equipment Planning Medical Equipment Specialist	Construction Period
	Commissioning Lead	Construction Period
Service Provider:		
	Service Provider Lead	Operating Period
	Director of Facility Management and Operations	Operating Period
	Facility Maintenance Team Lead	Operating Period

SCHEDULE 18

COMPLETION DOCUMENTS

1. GENERAL

In this Schedule “certified” will mean that the relevant document is certified (for and on behalf of the relevant corporation or other entity and without personal liability) by an officer, director or authorized signatory of the relevant entity as a true and complete copy in full force and effect and unamended as of the date of the relevant certificate.

2. DOCUMENTS TO BE DELIVERED BY PROJECT CO

Unless an original document is specifically referred to below, Project Co will deliver to the Authority a certified copy of each of the following documents in accordance with Section 2.2(a) of this Agreement:

- (a) an original of this Agreement executed by Project Co;
- (b) the general partnership agreement or agreements between the partners of Project Co relating to Project Co, any agreements relating to subscriptions of equity, contributions of capital or other funding by such parties in Project Co, and any other agreements relating to the parties providing an equity commitment to Project Co or the Senior Lenders in respect of Project Co, including the equity contribution agreement, executed by the parties to such agreements;
- (c) the Senior Financing Agreements, executed by the parties to such agreements;
- (d) certification from Project Co that:
 - (1) the agreement or agreements referred to in item 2(b) are unconditional in accordance with their terms, accompanied by evidence of the same and that the subscriptions of equity (and other funding) to be made as of the Effective Date under such agreement or agreements have been made, accompanied by evidence of the same;
 - (2) the Senior Financing Agreements are unconditional; and
 - (3) all conditions to the availability of funds to Project Co under the Senior Financing Agreements have been satisfied or waived, accompanied by evidence of the same;
- (e) an original of the Lenders’ Remedies Agreement, executed by the parties to such agreement (other than the Authority);
- (f) an original of the Insurance Trust Agreement, executed by the parties to such agreement (other than the Authority);
- (g) the Design-Build Agreement, executed by the parties to such agreement;
- (h) the Services Contract, executed by the parties to such agreement;
- (i) the following documents executed by the parties thereto:
 - (1) Design-Builder:

- (A) the Design-Builder P3 Bond in relation to the Design-Build Agreement;
 - (B) evidence of the subtrade default insurance policy for the Design-Builder's subcontractors; and
 - (C) guarantee from Bird Construction Inc. in accordance with the terms of the Design-Build Agreement.
- (2) Service Provider:
- (A) approved form of letter of credit as security for the Service Provider's obligations; and
 - (B) guarantee from the Service Provider's parent with respect to the Services Contract.

In each case the performance and other security will provide for a novation or assignment to the Authority if the Authority exercises its rights under the Design-Builder's Collateral Agreement or Service Provider's Collateral Agreement, as applicable, provided that the Authority's interest in the performance and other security will remain subject to the security interest granted in favour of the Lenders until the Senior Debt has been repaid;

- (j) an original of the Design-Builder's Collateral Agreement, executed by the parties to such agreement (other than the Authority);
- (k) an original of the opinion of counsel to the Design-Builder in respect of the Design-Build Agreement and the Design-Builder's Collateral Agreement, such opinion to be in a form acceptable to the Authority and its counsel, acting reasonably;
- (l) an original of the opinion of counsel to the parent of the Design-Builder in respect of the guarantee given in support of the Design-Build Agreement, such opinion to be in a form acceptable to the Authority and its counsel, acting reasonably;
- (m) an original of the Service Provider's Collateral Agreement, executed by the parties to such agreement (other than the Authority);
- (n) an original of the opinion of counsel to the Service Provider in respect of the Services Contract and the Service Provider's Collateral Agreement, such opinion to be in a form acceptable to the Authority and its counsel, acting reasonably;
- (o) an original of the opinion of counsel to the parent of the Service Provider in respect of the guarantee given in support of the Services Contract, such opinion to be in a form acceptable to the Authority and its counsel, acting reasonably;
- (p) an original of the interface agreement between the Project Contractors and Project Co, executed by the parties to such agreement;
- (q) an original of the Independent Certifier Agreement, executed by the parties to such agreement (other than the Authority);
- (r) a certificate of an officer of Carillion Construction Inc. as manager (the "**Manager**") of Project Co and an officer of each of Project Co's partners certifying true copies of the following:

- (1) an authorizing resolution of the partners of Project Co and an authorizing resolution of the board of directors of each of its partners;
 - (2) incumbency of the officer or officers of the Manager of Project Co and each of the officers of its partners; and
 - (3) the constating documents each of Project Co's partners; and
 - (4) the management services agreement of Project Co;
- (s) a certificate of an officer of each member of the Design-Builder certifying true copies of the following:
- (1) an authorizing resolution of the board of directors of each member the Design-Builder;
 - (2) incumbency of the officers of each member of the Design-Builder; and
 - (3) the constating documents of each member of the Design-Builder;
- (t) a certificate of an officer of the Service Provider and the parent company of the Service Provider certifying true copies of the following:
- (1) an authorizing resolution of the board of directors of the Service Provider and its parent company;
 - (2) incumbency of the officers of the Service Provider and its parent company; and
 - (3) the constating documents of the Service Provider and its parent company;
- (u) certificate of good standing for Project Co;
- (v) a government certified copy of any applicable partnership registration;
- (w) statement of extra-territorial registration in the Northwest Territories for Project Co;
- (x) a copy of an insurance binder or certificates, certified copies or originals for all policies of insurance required to be taken out by or on behalf of Project Co for the Construction Period in accordance with this Agreement;
- (y) an original notice of appointment of Representatives to be appointed by Project Co under this Agreement;
- (z) an original of the opinion from counsel to Project Co that Project Co and its partners exist, have the power and capacity to enter into this Agreement, the Senior Financing Agreements, the Lenders' Remedies Agreement, the Independent Certifier Agreement, the Design-Builder Collateral Agreement and the Service Provider Collateral Agreement, the interface agreement between the Project Contractors and Project Co, the Insurance Trust Agreement and the Tripartite Agreement, and that such documents have been duly authorized, executed and delivered by Project Co, create valid and binding obligations, and are enforceable against Project Co in accordance with their terms, in a form acceptable to the Authority and its counsel, acting reasonably, and including originals of relevant certificates and other documents relied upon by Project Co's counsel;

- (aa) a certificate from Project Co certifying Schedule 15 [Financial Model], and the electronic version of the same, are true and correct copies of the Financial Model;
- (bb) an audit of the Financial Model dated September 22, 2015, by Operis Business Engineering Limited;
- (cc) an original of the Tripartite Agreement, executed by the parties to such agreement (other than the Authority);
- (dd) an Agreement to Lease the Existing Hospital executed by a third party developer in the form attached in Appendix 18A [Form of Agreement to Lease] hereto; and
- (ee) such other documents as the parties may agree, each acting reasonably.

3. DOCUMENTS TO BE DELIVERED BY THE AUTHORITY

Unless an original document is specifically referred to below, the Authority will deliver to Project Co a certified copy of each of the following documents in accordance with Section 2.2(b) of this Agreement:

- (a) an original of this Agreement executed by the Authority;
- (b) an original of the Lenders' Remedies Agreement, executed by the Authority;
- (c) an original of the Insurance Trust Agreement, executed the Authority;
- (d) an original of the Design-Builder's Collateral Agreement, executed by the Authority;
- (e) an original of the Service Provider's Collateral Agreement, executed by the Authority;
- (f) an original of the Independent Certifier Agreement, executed by the Authority;
- (g) a certificate of an officer of the Authority certifying:
 - (1) the Authority has taken all necessary action to authorize the execution and delivery of, and the performance of its obligations under, this Agreement, the Lenders' Remedies Agreement, the Insurance Trust Agreement, the Design-Builder's Collateral Agreement, the Service Provider's Collateral Agreement, the Independent Certifier Agreement and the Tripartite Agreement;
 - (2) the Financial Management Board of the Authority has approved the entering into of this Agreement, and the Lenders' Remedies Agreement, the Insurance Trust Agreement, the Design-Builder Collateral Agreement, the Service Provider Collateral Agreement, the Independent Certifier Agreement and the Tripartite Agreement in the forms appended to this Agreement or provided to the Financial Management Board; and
 - (3) the identity and signature of the authorized delegate of the Authority;
- (h) an original notice of appointment of the Representatives to be appointed by the Authority under this Agreement;
- (i) an original of an opinion (or originals of opinions, as applicable) from internal and/or external counsel to the Authority that the Authority exists, has the power and capacity to enter into this Agreement, the Lenders' Remedies Agreement, the Independent Certifier Agreement, the Design-Builder Collateral Agreement, the Service Provider Collateral

documents have been duly authorized, executed and delivered by the Authority, create valid and binding obligations, and are enforceable against the Authority in accordance with their terms, in a form acceptable to Project Co and its counsel, acting reasonably, and including originals of relevant certificates and other documents relied upon by the Authority's counsel;

- (j) an original of the Tripartite Agreement, executed by the Authority; and
- (k) such other documents as the parties may agree, each acting reasonably.

3. **Initial Remediation Work:** The Parties hereby acknowledge that prior to the Term Commencement Date, certain remediation and decommissioning work to the Existing Hospital Building set out in Schedule "B" attached hereto (the "Initial Remediation Work") shall be completed by Project Co, in accordance with the obligations of Project Co contained in the Tripartite Agreement. The date of completion of the Initial Remediation Work is hereafter referred to as the "IRW Completion Date".

4. **Renovation Work:** The Tenant shall, subject to receipt of amounts in the Existing Facility Fund (as defined below) and otherwise at no cost to the Landlord, complete certain renovation work to facilitate the Tenant's subleasing of the Existing Hospital Building (the "Renovation Work"), as set out in Schedule "C" attached hereto

The Tenant acknowledges and agrees that the obligations of the Landlord with respect to the Renovation Work shall be limited to issuing distributions from the Existing Facility Fund (subject to sufficient funds being available).

The Tenant further acknowledges and agrees that its obligations with respect to the performance and completion of the Renovation Work shall not be limited to work for which amounts are or may be available from the Existing Facility Fund.

5. **Tenant Security:** The Tenant covenants and agrees to deliver to the Landlord:

(a) on or before the date of this Agreement to Lease, the amount of [REDACTED] (the "Tenant Security"); and

(b) within five (5) days following the IRW Completion Date, the amount of [REDACTED] (the "Tenant Works Security"),

to be held by the Landlord as security (together with security previously delivered by Project Co to the Landlord in the amounts of [REDACTED] (the "Project Co Initial Security") and [REDACTED] (the "Project Co Works Security", collectively with the Tenant Security, the Tenant Works Security and the Project Co Initial Security, the "Security") for the performance of the Renovation Work required under the terms of the Lease.

The Security shall be in the form of either cash, letter(s) of credit (or a combination thereof) or other form(s) of security acceptable to the Landlord.

In the event the Tenant fails to deliver the Tenant Works Security when required to do so, the Lease shall immediately terminate and the Tenant Security shall be retained and forfeited to the Landlord as liquidated damages, and not as a penalty, as full and final settlement of all obligations of the Tenant (and the Indemnifier) as set out in the Lease. In the event of such termination, and for greater certainty, all amounts contained within the Existing Facility Fund shall be retained by the Landlord.

6. **Existing Facility Fund:** The Security shall be held by the Landlord in a segregated fund (the "Existing Facility Fund"). The Tenant shall be entitled to submit to the Landlord a claim for reimbursement from the Existing Facility Fund with respect to any Renovation Work performed by or on behalf of the Tenant to the Leased Premises at reasonable market rates.

The Tenant represents to the Landlord that the total amount of the Existing Facility Fund is a reasonable estimate of the cost of all work necessary to bring the Leased Premises up to a commercially rentable state, such that it would be reasonable to expect that any additional capital expenditure would be funded by subtenants pursuant to commercial sublease agreements (assuming a reasonable commercial subtenant mix).

7. **Landlord's Cooperation:** The Landlord shall reasonably cooperate with requests of the Tenant to effectuate the intent of the Lease. At Tenant's request, the Landlord shall reasonably assist and cooperate with Tenant, at the Tenant's sole cost and expense, in obtaining the permits required for the Renovation Work.
8. **"As Is":** Subject to the completion by Project Co of the Initial Remediation Work, as certified by the Independent Certifier, the Leased Premises will be leased to the Tenant in an "as is" condition and the Landlord will not be required to perform any maintenance or repairs, or construct any improvements, with respect to the Leased Premises.
9. **Basic Rent / Revenue Sharing:**
 - (a) The capital spent on developing and improving the Leased Premises by the Tenant ("Invested Capital"), will be assessed at the end of each quarter during the Term, commencing as of the first day of the Term. The Tenant will be entitled to an annual return of [REDACTED] on Invested Capital ("Developer Return"), to be paid monthly from the Net Income.

For the purposes of this Agreement to Lease and the Lease:

- "Invested Capital" includes all capital spent on developing and improving the Leased Premises by the Tenant, whether from debt, equity, credit or other sources. For greater clarity, "Invested Capital" shall not include any portion of the Project Co Initial Security or the Project Co Works Security invested into the Leased Premises, but shall include the Tenant Security and Tenant Works Security, and any funds received by the Tenant as a result of a mortgage of the Leased Premises.
 - "Net Income" shall mean all income generated by the Leased Premises from subleases with third parties minus, without duplication, Operating Costs, Property Taxes and inducements contained in any subleases with third parties (including attributed costs, such as rent free periods).
 - "Operating Costs" shall include those items set out in Schedule "E" attached hereto. Notwithstanding the foregoing, the parties agree that the definition of "Operating Costs" to be included in the Lease, shall be subject to further agreement between the Landlord and the Tenant, each acting reasonably, based upon the proposed subtenant mix.
- (b) That portion of the Net Income generated by subleases with arm's length third parties in excess of the Developer Return ("Excess Income") will be shared [REDACTED] to the Landlord.
 - (c) That portion of the Net Income generated by subleases with the Government of the Northwest Territories or other territorial public agencies in excess of the Developer Return will be shared [REDACTED] to the Landlord during the currency of such subleases.
 - (d) During periods where the Net Income is insufficient to pay the Developer Return, the shortfall will be accrued to the benefit of the Tenant. Any such accrued shortfalls will be paid from future Excess Income before being eligible for sharing between the Tenant and the Landlord.
 - (e) The Tenant shall satisfy certain financial reporting requirements and shall provide the Landlord will copies of all books and records and other accounting information in

connection with the subleasing of the Leased Premises and rental revenue generated therefrom, including, but not limited to, an annual statement of cash flows.

For the purposes of the Lease, Basic Rent shall be, the portion of the Net Income payable to the Landlord in accordance with Section 9(b) and 9(c) above. Basic Rent shall be agreed upon on an estimated annual basis by the Landlord and the Tenant, acting reasonably (the "Estimated Basic Rent").

The Tenant will pay to the Landlord, in monthly installments, one-twelfth of the amount of the Estimated Basic Rent plus applicable taxes by way of equal monthly instalments by cheque in arrears, payable on the first day of each month, commencing on the first day of the next month following the Term Commencement Date. Any Estimated Basic Rent payable for a part of a month shall be prorated on a daily basis.

Within six (6) months after the expiration of each year of the Term, the Tenant will deliver to the Landlord a statement of the Net Income generated by the Leased Premises together with a detailed statement of costs and expenses, including all taxes and utilities (collectively the "Basic Rent Statement").

If the aggregate of the monthly instalments of the Estimated Basic Rent actually paid by the Tenant during the preceding year (the "Actual Payments") is less than the portion of the Net Income calculated in accordance with Section 9(b) and 9(c) above payable to the Landlord for that lease year (the "Actual Net Income"), the Tenant will pay the difference without interest within thirty (30) days after the delivery of the Basic Rent Statement. If the Actual Payments are greater than the Actual Net Income, the Landlord will refund the difference without interest within thirty (30) days after the delivery of the Basic Rent Statement.

10. **Additional Rent:** In addition to the payment of Basic Rent, Tenant shall pay to Landlord in advance on the first day of each month commencing on the Term Commencement Date, as additional rent, all Property Taxes (if paid by the Landlord) and all other amounts that the Landlord and the Tenant agree in the Lease are chargeable to the Tenant in connection with the operation, maintenance, repair, replacement and management of the Leased Premises.
11. **Taxes:** The Tenant will be responsible for payment of all applicable goods and services taxes, business taxes, and sales taxes, if applicable. The Tenant shall also be responsible to pay all realty taxes attributable to or charged against the Leased Premises (the "Property Taxes"). The Landlord will promptly provide to the Tenant copies of all tax bills and notices of assessment with respect to all Property Taxes levied, assessed or imposed against the Leased Premises and the Tenant shall, at the written direction of the Landlord, pay all such amounts directly to either (i) the relevant taxing authorities; or (ii) the Landlord as Additional Rent and subject to the Tenant making such payments, the Landlord will pay, directly to the taxing authorities, all Property Taxes levied, assessed or imposed against the Leased Premises.

The Tenant will have the right to contest or review by legal proceedings any and all taxes and assessments that were levied, assessed or imposed against the Leased Premises at its sole cost and expense. No such contest will defer or suspend the Tenant's obligation to pay such taxes.

The Tenant will also pay directly to the applicable tax authority when due all business taxes charged in respect of any business operations carried on at or from the Leased Premises. The Tenant will provide to the Landlord promptly upon request, satisfactory evidence that such taxes have been paid on or before their due date.

12. **Utilities:** The Tenant will contract directly with utility and service providers and will promptly pay, as and when due, all charges for all utilities and services supplied to or consumed in the Leased Premises and all costs for all fittings, connections and meters and all work or services performed

in connection with any utilities or services provided to or in respect of the Leased Premises and such costs will be considered to be part of the Operating Costs. Landlord will not be liable for any interruption, cessation or failure in the supply of any utilities to the Leased Premises.

13. **Insurance:** From and after the Term Commencement Date, the Tenant, will, throughout the Term, at its expense, take out and maintain the following minimum insurance(s) with insurance companies rated "A" or better by A.M. Best:
- (a) commercial general liability insurance with limits for bodily injury, personal injury, property damage, product liability and advertising liability of not less than [REDACTED] for each occurrence for liabilities arising out of operations at the Leased Premises of the Tenant or its subtenants and licensees or their respective employees, invitees, contractors or agents or others for whom the Tenant is responsible in law. This insurance shall include products/completed operations coverage, independent contractors' liability and blanket contractual liability specifically in support of, but not limited to, the indemnity provisions contained in the Lease. The policy shall not contain a general aggregate. The foregoing policy shall: (i) be endorsed to include the Landlord as an additional insured; (ii) contain cross-liability and severability of interests coverage; (iii) include employer's liability and non-owned automobile coverage; and (iv) include Tenant's legal liability insurance for the full replacement cost of the Leased Premises in the Tenant's care, custody or control including the loss of use thereof;
 - (b) all risks property insurance covering the Building and building systems against destruction or damage by fire and those additional perils covered by "all risks" insurance for a limit of not less than the full replacement cost thereof. The Landlord will be named as a loss payee on the policy as their interests may appear;
 - (c) all risks property insurance covering 'Property of Every Description' covering all property owned by the Tenant or for which the Tenant is legally liable or which has been installed by or on behalf of the Tenant including coverage for sewer back-up, flood, earthquake, consequential loss, pollution clean-up/removal and debris removal and those additional perils covered by "all risks" insurance for not less than the full replacement cost thereof. The Landlord will be named as a loss payee on the policy as their interests may appear;
 - (d) business interruption insurance in such amounts as will reimburse the Tenant for direct loss or indirect loss of earnings and continuing expenses for an indemnity period of not less than 24 months;
 - (e) comprehensive boiler and machinery (equipment breakdown) insurance with limits of insurance to follow 'Property of Every Description' insurance above and for not less than the full replacement cost thereof including extensions for consequential damage and business interruption insurance. The Landlord will be named as a loss payee on the policy as its interest may appear;
 - (f) site specific environmental pollution insurance with a limit to be approved by the Landlord, acting reasonably; and
 - (g) any other form of insurance as the Landlord reasonably requires from time to time in form, in amounts and for insurance risks against which a prudent tenant would insure similar premises.

All such insurance will be in such form, on such terms, with such deductibles and with such insurers as are satisfactory to the Landlord, acting reasonably. The Tenant's insurance policies will be primary with respect to all other available insurance and shall not call into contribution any insurance policies of the Landlord.

All of Tenant's insurance policies shall contain (i) a waiver of subrogation in favour of the Landlord, and (ii) provisions that no cancellation of the policy will become effective without not less than 30 days prior written notices to the insured. The Tenant shall provide the Landlord with 30 days prior written notice of any non-renewal or material change to any required insurance policy.

The Tenant shall deliver to the Landlord prior to the Term Commencement Date and at such other times as the Landlord may reasonably require insurance certificates, endorsements or evidence of coverage signed by authorized representatives of the companies providing coverage required under the terms of the Lease.

The Landlord shall not be liable for any death or injury arising from or out of any occurrence in, upon, at, or relating to the Leased Premises or any part thereof, nor shall the Landlord be responsible for any loss of or damage (direct, indirect, consequential or otherwise) to, or loss of use of, any property of the Tenant or others from any cause whatsoever.

14. **Net Lease:** The Landlord and the Tenant will enter into a lease agreement which shall be in the Landlord's standard form of lease (the "Lease") prior to [REDACTED] which will reflect the terms set out in this Agreement to Lease subject to any modifications as are agreed to between the Landlord and Tenant, both parties acting reasonably, and, in the event of any conflict between the terms of this Agreement to Lease and the Lease, the terms of the Lease shall prevail. The Lease will be completely net and carefree to the Landlord during the Term, and the Landlord will not be responsible for any costs, charges, expenses, outlays or obligations of any nature in respect of the Leased Premises. There shall be no right of set-off, abatement or termination in favour of the Tenant, except termination rights in the event of damage or destruction as provided in Section 22.
15. **Tenant Maintenance and Repairs:** The Tenant will from time to time and at all times throughout the Term, at its sole cost and expense, diligently and in a good and workmanlike manner, perform such maintenance, repairs and replacements as are required to keep the Leased Premises and every part thereof (including, without limitation, the building structure (including the roof and roof membrane), the building systems (including the mechanical and electrical systems and HVAC), the adjacent lands, and the building parking area) in good order, condition and repair; in such condition as would a prudent owner of similar premises; and as necessary to satisfy the required Handback Condition.
16. **Agreed Capital Expenditures:** The Tenant shall be responsible, throughout the Term at its sole cost and expense, for all capital expenditures required in connection with the Leased Premises and in satisfaction of the Tenant's obligations contained in the Lease. For greater certainty, the obligation of the Tenant to make capital expenditures shall not be limited to any amounts available in the Existing Facility Fund or expended as part of the Renovation Work. However, during the last five (5) years of the Term, the Landlord may be willing to pursue a collaborative approach involving joint approvals with respect to capital investments, such as interior fit out and mechanical and electrical systems, with an agreed expected life of greater than five (5) years.
17. **Signage:** Provided that:
 - (a) the Lease has been executed and delivered by Tenant;
 - (b) Tenant is not in default under the Lease;
 - (c) the Lease has not previously been terminated; and
 - (d) the Tenant has obtained all relevant municipal approvals,

then Tenant will have the right to place its signage on the Existing Hospital Building, subject to the approval of the Landlord, acting reasonably. Such signage will be installed and maintained by the Tenant consistent with a first class building and in compliance and accordance with the requirements of all applicable laws and codes. Such signage will be removed by Tenant at the expiry or earlier termination of the Term, and the Tenant shall repair all damage caused to the Existing Hospital Building as a result of such removal. Such signage shall be subject to the Tenant obtaining at Tenant's sole cost, the prior approval of and all necessary permits from any governmental authority having jurisdiction. All costs associated with Tenant's signage, including installation, maintenance, removal and repair of any damage caused by such removal, shall be the Tenant's responsibility.

18. **Use:** The Tenant may use, and may sublease the use of, the Leased Premises for any lawful purpose that is consistent with the adjacent Stanton Hospital health care campus activities or such other uses as may be approved in writing by the Landlord, acting reasonably, from time to time. Below, the Landlord has provided non-exhaustive lists of uses that it would consider to be inconsistent or consistent with the adjacent Stanton Hospital health care campus activities:

(a) Inconsistent

- casino / gambling activities
- firearms or other weapon sales
- tobacco sales
- liquor stores
- "adult entertainment" establishments

(b) Consistent

- medical, dental and other health professional offices (i.e. massage therapy, optometry and vision care, hearing care, blood testing labs, ultrasound labs, etc.)
- general office or other professional or business offices (i.e. law, accounting, real estate, corporate offices, etc.)
- restaurants and food services (restaurants serving liquor are acceptable)
- retail storefronts (without tobacco or liquor sales)
- hair salons and esthetic services
- gyms or sports facilities
- education facilities
- child care facilities
- art galleries and cultural facilities
- pharmacy and/or medical device sales
- visiting doctors, residents and hospital staff accommodation
- residential housing (including student housing and/or subsidized housing)
- long term care and/or assisted living
- nursing homes and/or hospices
- hotel and/or patient visitor accommodation
- dry cleaning (provided that no dry cleaning of clothing occurs on the Leased Premises)

19. **Transfer:** No transfer or assignment affecting the Tenant, this Agreement to Lease, the Lease, the Leased Premises or the business of the Tenant at the Leased Premises will be permitted without the prior written consent of the Landlord, which consent may be withheld in the sole and absolute discretion of the Landlord. For the purposes of this Agreement to Lease and the Lease, any change of corporate control of the Tenant shall be deemed to be an assignment.

Notwithstanding the foregoing, the Tenant may, without the prior written consent but upon not less than 14 days' prior written notice to the Landlord, which notice shall, with respect to subparagraph (a) below, specify the proposed use and identity of subtenant:

- (a) sublet the whole or any part of the Leased Premises, provided that the relevant subtenants' proposed uses are consistent with Section 18 and the proposed term of any sublease does not extend beyond the Term of the Lease; or
- (b) from and after the date on which in excess of twenty-five percent (25%) of the leasable area of the Leased Premises has been subleased to subtenants, mortgage, charge or encumber the Leased Premises, to a maximum of the Tenant's Invested Capital, such amount excluding any portion of the Security invested into the Leased Premises.

20. **Right of First Offer to Sublease:** The Government of the Northwest Territories and its public agencies (collectively, the "GNWT Subtenant") shall have the right of first offer (the "Right of First Offer") to sublease, during the Term, any space available in the Building that may become available for sublease (the "Available Premises"). The Tenant shall deliver a written notice describing the Available Premises and the date such space will be available for sublease (the "GNWT Sublease Notice"). The GNWT Subtenant shall then have thirty (30) days from its receipt of the GNWT Sublease Notice to advise the Tenant in writing whether or not it elects to sublease the Available Premises. If the GNWT Subtenant elects to not sublease the Available Premises or if it fails to elect to sublease the Available Premises within such thirty (30) day period, then the Tenant may thereafter sublease or otherwise retain or use the Available Premises free of any right of the GNWT Subtenant to sublease the Available Premises. Available Premises which are not subleased or occupied by the Tenant within twelve (12) months from the expiry of the thirty (30) day period will be deemed available for sublease after such twelve (12) month period. The right of the GNWT Subtenant under this section may be re-exercised from time to time during the Term for any Available Premises as the conditions in this section are satisfied regardless of whether the GNWT Subtenant has previously declined or failed to elect to sublease Available Premises.
21. **Marketing:** The Tenant shall use its best commercial efforts to market the Leased Premises to prospective subtenants. The Tenant shall keep the Landlord fully apprised as to the status of its efforts to market and sublet the Leased Premises, including, but not limited to, providing the Landlord with full copies of all offers to sublease, letters of intent, subleases and any other documentation prepared in anticipation of subleasing space within the Leased Premises and shall deliver to the Landlord a quarterly management report substantially in the form set out in Schedule "D" attached hereto.
22. **Damage and Destruction:** Unless otherwise agreed by the Landlord or as provided below, if all or any part of the Leased Premises is damaged or destroyed the Tenant will, with reasonable diligence and without unnecessary delay, restore and/or repair the damage or destruction so that the Leased Premises and the Tenant's leasehold improvements are substantially restored to their former state and condition as existed immediately prior to such damage or destruction.
- If, in the last five (5) years of the Term, there is any damage or destruction that would cost in excess of ██████████ of the replacement cost of the Leased Premises to repair or restore, then either party may terminate the Lease by giving notice to the other party within 30 days of receiving an architect's certificate as to the extent of such damage and destruction. On termination of the Lease, the Landlord shall be entitled to the proceeds of insurance in respect of any damage or destruction relating to the Leased Premises under all policies of insurance required to be maintained by the Tenant under the Lease.
23. **Events of Default:** Events of Default on the part of the Tenant will include:

- (a) obstruction of ingress to or egress from the adjacent Stanton Hospital health care campus by the Tenant or its subtenants and licensees or their respective employees, invitees, contractors or agents or others for whom the Tenant is responsible in law; or
- (b) the Tenant is in default with respect to Rent or other amounts payable to the Landlord (including, but not limited to, the Tenant Security and the Tenant Works Security) and the Tenant fails to remedy such default within five (5) business days after notice from the Landlord; or
- (c) the Tenant is in default (other than in respect of the payment of Rent or other amounts) and fails to remedy such default within 30 days after notice in writing from Landlord (unless such default cannot be remedied within such 30-day period, in which case the Tenant will not be in default if it commences to remedy the default within such 30-day period and thereafter is diligently taking actions to remedy such default); or
- (d) the Tenant or the Indemnifier files a proposal for the benefit of its creditors, is declared bankrupt or makes a voluntary assignment for the benefit of its creditors; or
- (e) a petition is filed against the Tenant or the Indemnifier to declare it bankrupt, which is not cancelled or annulled within 60 days (unless the Tenant or the Indemnifier has commenced and is diligently seeking to set aside the same); or
- (f) a trustee, receiver or like person is appointed with respect to a material portion of the business or assets of the Tenant or the Indemnifier, whether in bankruptcy or otherwise, and such appointment is not cancelled or annulled within 60 days (unless the Tenant or the Indemnifier has commenced and is diligently seeking to set aside such appointment); or
- (g) the Term hereby granted is at any time seized or taken in execution or in attachment by any creditor of the Tenant and not released within 45 days (unless the Tenant has commenced and is diligently pursuing the discharge of such execution); or
- (h) the Tenant makes a bulk sale of substantially all of its goods out of the ordinary course of business (save and except for a sale of substantially all of the assets of the Tenant in connection with any assignment or subletting as contemplated herein); or
- (i) the Tenant assigns or sublets the Lease or the Leased Premises or mortgages, charges or encumbers its interest in the Lease other than in accordance with the provisions of the Lease; or
- (j) the Tenant abandons or attempts to abandon the Leased Premises; or
- (k) the Tenant uses, or permits the use of, the Leased Premises in a way which is inconsistent with the adjacent Stanton Hospital health care campus activities; or
- (l) the Tenant's insurance policy is cancelled; or
- (m) the indemnity agreement is terminated for any reason whatsoever, whether by the Indemnifier or by any other person or by effect of law, or alternatively, if the obligations of the Indemnifier under the indemnity agreement are reduced, modified or otherwise limited except by way of an agreement made in writing with the Landlord.

Events of Default on the part of the Landlord will include:

- (a) breach of the covenant of quiet enjoyment; or

(b) failure to make any payments owing to the Tenant in accordance with the terms of the Lease.

24. **Termination:** Subject to the last paragraph of Section 5 and Section 21, upon termination the Tenant shall forthwith deliver the Leased Premises in accordance with the Handback Condition.

On termination or expiry of the Lease, the Leased Premises shall be unencumbered by any encumbrance which is the responsibility of the Tenant. Notwithstanding the foregoing, the Landlord agrees to provide the Tenant with a reasonable period of time following the termination or expiry of the Lease to obtain and register any agreements or documentation required to discharge any Tenant's mortgage.

25. **Restoration:** Subject to the last paragraph of Section 24, upon the expiry or earlier termination of the Lease, the Tenant shall (i) ensure that the Leased Premises are free from all encumbrances, save and except for certain permitted encumbrances which shall be defined in the Lease, and (ii) deliver vacant possession of the Leased Premises to the Landlord, which shall be in a structurally sound and weathertight exterior and a dry and minimally heated interior (the "Handback Condition").

26. **Environmental:** The Tenant will provide customary covenants with respect to compliance with applicable environmental laws and an indemnity in favour of the Landlord in respect of all costs and expenses suffered or incurred by the Landlord in the event that, after the Term Commencement Date, the Tenant breaches any such covenants or causes environmental contamination of the Leased Premises that the Tenant is responsible to remediate and/or manage pursuant to the following terms.

The Landlord may, from time to time, request that the Tenant commission a Phase I report and, if recommended by the Phase I report, a Phase II report in respect of the Leased Premises if the Landlord, acting reasonably, has a cause to be concerned that the Tenant may have caused environmental contamination on or about the Leased Premises from and after the Term Commencement Date. If environmental contamination is found that must immediately be remediated and/or otherwise managed to comply with environmental laws and that was caused by the Tenant or its subtenants, employees, agents, contractors or others for whom it is responsible at law as a result of the use or occupancy of the Leased Premises from and after the Term Commencement Date, the Tenant will, at its sole cost and expense, remediate and/or otherwise manage any such contamination to ensure compliance with all applicable environmental laws and the Tenant will pay for the Phase I report and Phase II report (if any). At the expiry or earlier termination of the Term, the Tenant shall remediate such contamination to a concentration that the Landlord's environmental consultant opines in a written report is not expected to result in any adverse effect to humans or the environment at the Leased Premises or elsewhere.

The Landlord acknowledges and agrees that it shall be responsible for any pre-existing environmental contamination which may exist in, on or under the Leased Premises (including the lands forming a part thereof) prior to the Term Commencement Date and that the Tenant shall not be responsible for any environmental contamination identified in the Stantec Environmental Report dated September 18, 2014.

27. **Financial Information:** Tenant shall, within five (5) business days after request from Landlord, provide to Landlord such information as to Tenant's and Indemnifier's financial standing and corporate organization as Landlord requires, including but not limited to, delivery of the Tenant's financial statements and information in respect of the Indemnifier as set out in Section 30.

28. **Lease Form:** The Landlord shall deliver the draft Lease to the Tenant within thirty (30) days of the date hereof. Each of the parties shall negotiate in good faith to settle the terms of the Lease prior to [REDACTED]. In no event will Tenant be permitted to occupy the Leased Premises

until the Lease is executed and delivered to the Landlord, the Tenant has delivered a copy of the Tenant's certificate of insurance evidencing requisite insurance coverage(s) in accordance with the Lease and the Term Commencement Date has occurred. In the event the parties are unable to agree upon the form of the Lease by [REDACTED] the issues in dispute will be determined by Arbitration in accordance with this Agreement to Lease.

29. **Arbitration:** Any dispute relating to the Lease, or the performance, breach, termination or validity thereof, will be finally settled by arbitration. The arbitration will be conducted by a single arbitrator having no financial or personal interest in the business affairs of either of the parties who will be appointed jointly by agreement of the parties, failing which the arbitrator will be appointed, on application by either party, by a judge of the Northwest Territories. The arbitration will take place in the Northwest Territories, and will be conducted in English in accordance with the procedures to be set forth in the Lease. Absent agreement or an award in the arbitration to the contrary, the arbitration fees and expenses will be paid by the parties jointly.
30. **Indemnity:** The Tenant shall cause the Indemnifier to provide an indemnity agreement, with regard to the issues set out below in favour of the Landlord in respect of the payment and performance by the Tenant of all of its obligations contained in the Lease, including, but not limited to, the payment of all costs and expenses suffered or incurred by the Landlord in event of:
- (a) nonpayment by the Tenant of amounts owed to the Landlord;
 - (b) the Tenant causing environmental contamination of the Leased Premises or adjacent lands;
 - (c) the Tenant failing to achieve the required Handback Condition; and/or
 - (d) third party claims with respect to the Leased Premises (including carriage of any such action).

The form of the indemnity agreement shall be finalized by the Landlord and Tenant prior to the signing of the Lease and shall reflect the terms set out above subject to further amendments agreed upon by the Landlord and the Tenant, both parties acting reasonably.

The Indemnifier shall deliver evidence of its ability to indemnify the Landlord (as required under the terms of this Agreement to Lease), including, but not limited to, a letter from a qualified accountant providing the balance of net assets, the value of cash and liquid marketable securities on hand, the amount of net working capital, as well as the calculated Current Ratio and the Interest Cover Ratio.

The indemnity agreement shall be executed and delivered to the Landlord concurrently with the Lease.

31. **No Registration:** No notice of this Agreement to Lease shall be registered against title to the Leased Premises. The Tenant shall be entitled to register notice of the Lease against title to the Leased Premises, subject to the prior written approval of the Landlord with respect to the form of such notice, such approval not to be unreasonably withheld.
32. **Signatures:** This Agreement to Lease may be transmitted by facsimile and/or by email (PDF) and the reproduction of signatures by way of facsimile device and/or by email (PDF) will be treated as though such reproductions were executed originals and communication by such means will be legal and binding.

33. **GST:** Tenant will pay to the Landlord with each payment of Rent or Additional Rent, all applicable GST. Unless otherwise noted, amounts quoted in this Agreement to Lease do not include GST.
34. **Notices:** Any notice to be given will be in writing and shall be delivered, transmitted by facsimile device and/or by email (PDF), to the addresses shown herein.
35. **Confidentiality:** The Tenant shall not disclose this Agreement to Lease or the Lease or the terms of either such document, except to any of its professional advisors, consultants and auditors, which such disclosure is reasonably required and such advisor, consultant or auditor has agreed to honour such confidentiality, and except as required by law.
36. **Binding Agreement:** THE PARTIES HEREBY ACKNOWLEDGE AND AGREE THAT THIS AGREEMENT TO LEASE CONSTITUTES AN IRREVOCABLE, VALID AND BINDING AGREEMENT BETWEEN LANDLORD, TENANT AND INDEMNIFIER, ENFORCEABLE IN ACCORDANCE WITH ITS TERMS..

[Remainder of page deliberately blank]

IN WITNESS WHEREOF the parties have executed this Agreement to Lease as of the date first written above.

THE COMMISSIONER OF THE NORTHWEST TERRITORIES

Per: _____
Name:
Title:

Per: _____
Name:
Title:

I/We have authority to bind the Commissioner.



Per: _____
Name:
Title:

Per: _____
Name:
Title:

I/We have authority to bind the Corporation.



Per: _____
Name:
Title:

Per: _____
Name:
Title:

I/We have authority to bind the Corporation.

SCHEDULE "A"
PLAN

See Attached.

SCHEDULE "B"
INITIAL REMEDIATION WORK

1. General

1.1 Site Preparation – Demolition

(a) Basic Requirements

(1) Project Co is responsible for the demolition of the following:

(A) all demolition that is necessary, above ground (elements such as, but not limited to, buildings, structures, roads, curbs, parking areas, walkways and landscaping) and sub-surface (elements such as, but not limited to, foundations, slabs, pits, sumps, pipes, cables, ducts and underground tanks including related piping) , for the construction of the Facility.

(2) Project Co acknowledges and agrees:

(A) it has received and reviewed a copy of the following reports including all appendices:

(i) *Environmental Site Assessment (ESA) Phase 1 – as defined in Schedule 2 – Design and Construction Protocols*

(ii) *Hazardous Materials Report – as defined in Schedule 2 – Design and Construction Protocols*

(B) it is responsible for all management, removal, abatement, containment and disposal of Hazardous Substances disclosed in or reasonably inferred from the reports listed in Section 1.1(a)(2)(A) above, with the exception of the underground oils tanks which have already been remediated by the Authority; and

(C) the Authority is not in any way responsible or liable for the completeness, interpretation or accuracy of reports listed in Section 1.1(a)(2)(A) above.

(3) Without limiting the responsibility of Project Co above, Project Co will:

(A) take all precautions so that no transmission of Hazardous Substances and noxious fumes interfere or contaminate the surrounding community;

(B) be responsible for management, removal, abatement, containment and disposal of any underground storage tanks and any underground piping and appurtenances, including any that may themselves constitute Hazardous Substances which were disclosed in or reasonably inferable from the Disclosed Data; and

(C) complete the management, removal, abatement, containment and disposal of all Hazardous Substances, which were disclosed in or reasonably inferable from the Disclosed Data, prior to demolition.

(4) For buildings to be demolished, Project Co is responsible for all building systems

terminations and cap offs prior to demolition. The Authority will have separated the unburied mechanical and electrical systems connecting buildings to be demolished, except for Life Safety systems and underground systems.

- (5) Project Co will perform all design and construction work:
 - (A) that is triggered by the demolition work required in this Schedule; and
 - (B) including, but not be limited to: code related upgrades, fire egress upgrades, structural upgrades and the temporary or permanent redirection of services.
- (6) All new design and construction required by this Schedule will meet the requirements of Schedule 3 [Design and Construction Specifications] of the Project Agreement.

(b) Performance Requirements

- (1) Project Co will:
 - (A) prior to performing demolition work, submit a report on the protective measures in place for existing buildings to the Authority;
 - (B) conform to applicable codes for demolition of structures and provide for the safety of adjacent structures, the erection and maintenance of temporary barriers and security devices;
 - (C) obtain City of Yellowknife and other authority approvals required to undertake a demolition;
 - (D) ensure demolition work does not interfere with, or prevent the site and adjacent buildings from operating normally;
 - (E) provide perimeter screen and safety walls to ensure safety and protection of people and objects outside of the demolition area;
 - (F) provide overhead protection from falling debris;
 - (G) carry out demolition activities so as not to interfere with access to existing buildings;
 - (H) schedule hours of operation and plan the traffic flow required for demolition in accordance with the Phasing Plan, the Work Plan and the Demolition Plan referred to in Schedule 2 [Design and Construction Protocols] of the Project Agreement;
 - (I) be responsible for ensuring that fire safety will be in force at all times during demolition;
 - (J) implement a pest control management plan for related areas before, during and post demolition;
 - (K) perform all work to CAN/CSA-Z317.13 Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities;

- (L) provide dust control at all times:
 - (i) *spray demolition area with water once demolition of structure begins;*
 - (ii) *manage water runoff through the site; and*
 - (iii) *protect all storm drains that could be affected by the demolition work;*
- (M) perform work in accordance with Schedule 2 [Design and Construction Protocols] Control of Noise of the Project Agreement;
- (N) secure demolition site 24/7; obtain Authority's approval of methods to secure site prior to commencing work;
- (O) conform to applicable regulatory procedures, including the *Safety Act* (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories requirements, during all phases of the demolition and when discovering hazardous or contaminated materials;
- (P) ensure the walls separating the construction from remaining structures will be designed so that the demolition and construction will not interfere with the normal operation of the Hospital;
- (Q) remove of all demolition materials from the site safely and legally;
- (R) terminate existing surfaces of building elements to be demolished along straight lines at natural divisions determined through consultation with by the Authority. Cut existing surfaces so that a smooth transition with new work will result;
- (S) refer to Schedule 2 [Design and Construction Protocols] 6.12 of the Project Agreement for salvage material and equipment title;
- (T) make provisions to ensure that affected areas of the remaining building are weather-proofed during and after demolition and for the duration of construction of the Building;
- (U) construct a temporary insulated and weatherproof wall to protect all previously interior areas exposed to the exterior during the demolition and construction process;
- (V) Project Co's design will identify where the new construction and adjacent buildings are intended to be joined as interior space and be responsible for providing permanent exterior walls at all locations that are no longer interior walls. These required exterior walls in existing buildings shall meet all the requirements of Schedule 3 [Design and Construction Specifications] of the Project Agreement and complement the design of the existing adjacent building facades;

- (W) be responsible for patching, repairing and “making good” all exterior and interior surfaces affected in all existing buildings in which work is taking place, to match the quality of the adjacent surfaces. “Making Good” shall be defined as preparing new surfaces which are identical to adjacent surfaces, and finished off in such a manner that there are absolutely no visible traces (at a distance of 600 mm), between existing work and the work of new patching. “Making good” therefore, extends to the complete re-finishing of entire surface areas as is necessary, to junction points or inside or outside corners of walls, partitions and ceiling; and
- (X) accurately record actual locations of capped utilities, subsurface obstructions and/or conditions.

1.2 Civil Requirements

- (a) General
 - (1) Project Co will inspect and examine the Site with the Authority and verify the extent and location of items designated for demolition.
- (b) Basic Requirements
 - (1) Project Co will confirm the extent of the demolition and ensure there is no disturbance to the operations of the existing adjacent buildings and areas.
 - (2) All materials are to be stockpiled and removed for disposal offsite in a location acceptable to the Authority.
 - (3) Demolition to comply with CSA S350: Code of Practice for Safety in Demolition of Structures.
 - (4) Demolition to comply with the latest edition of the City of Yellowknife By-Laws.
- (c) Performance Requirements
 - (1) Project Co will undertake demolition in accordance with the following performance requirements:
 - (A) Locate any active services located on the site that serve other properties and take steps as required to prevent any disruption to such servicing
 - (B) Re-location of services that are connected to other buildings will include installation of replacement services at such a time, and any other steps required including installation of temporary alternate services, so that the services to other buildings are not disrupted.
 - (2) Disconnect, cap, plug or divert as required existing services.
 - (A) Sewer and Water Lines: Remove in locations as required, in accordance with the requirements of the Authority or City of Yellowknife and securely plug to form watertight seal.
 - (B) Other Underground Services: Remove and dispose of as required.
 - (3) Locate and protect utilities. Preserve active utilities traversing the site in operating conditions.

- (4) Notify, coordinate and obtain approval from utility companies before starting demolition.
- (5) Do not pump water containing suspended materials into watercourses, storm or sanitary sewers or onto adjacent properties
- (6) Removal of Pavements, Curbs and Gutters will include but is not limited to the following:
 - (A) Square up adjacent surfaces to remain in place by saw cutting or other method approved by the Authority.
 - (B) Protect adjacent joints and load transfer devices
 - (C) Protect underlying and adjacent granular materials.
- (7) Prevent movement, settlement, or damage to adjacent structures, utilities and landscaping features and parts of building to remain in place. Provide bracing and shoring as required.

1.3 Structural Requirements

- (a) Prior to demolition Project Co will:
 - (1) Ensure that all remaining structures are sufficiently shored and protected against structural damage from demolition activities.
 - (2) Provide necessary shoring and temporary structures in accordance with the requirements of the City of Yellowknife Building By-Law 4469, the *Safety Act* (Northwest Territories) and all applicable occupational health and safety requirements and codes of practice in the Northwest Territories.
 - (3) Provide underpinning of existing structures as required for both temporary excavations and permanent construction. If underpinning is to remain in the final structures, design and construction will provide for long term durability.
- (b) During demolition Project Co will:
 - (1) Maintain all shoring and protective measures in structurally sound condition until demolition activities are complete.
- (c) Reinstatement of Existing buildings
 - (1) Where structural elements of the existing building are to be demolished to accommodate construction of the Facility, Project Co will rebuild exit stairs and structural elements as required for the remaining building to conform with the City of Yellowknife Building By-Law 4469 requirements, and all applicable codes and standards.
 - (2) Structural elements will include but not be limited to foundations, retaining walls, stair structures, vertical load carrying elements and lateral load resisting elements (including seismic loads).

1.4 Mechanical Requirements – Not Used.

1.5 Electrical Requirements – Not Used.

SCHEDULE "C"

RENOVATION WORK PRINCIPLES

The principles for the Renovation Work to be completed by the Tenant to the Leased Premises include:

Completion of all renovation work necessary to bring the Leased Premises to the standard reasonably required for space leasable to subtenants, including but not limited to:

- The softening of the exterior appearance taking it from an institutional look to a warm and friendly commercial/residential type feel. This will include landscaping to soften the feel of the exterior approach to the Leased Premises and make it more inviting for the customer/client.
- A new roof will be needed.
- Demolition of current tenant improvements.
- Conversion of the heating plant from an industrial steam to commercial hot water heating plant will take place.
- Upgrades to the electrical and life safety systems as necessary.
- New ceilings complete with lighting, sprinklers, and roughed-in ventilation all to make tenant ready.
- Exterior devising walls primed and ready to receive finishes.
- Concrete floor ready to, receive floor product.


Completion of all work required to ensure the Leased Premises has sufficient parking to conform to municipal requirements.

Completion of all necessary additional work is carried out to ensure that the Leased Premises has a minimum of five (5) years of residual life from the commencement of the Lease.

Sources of Funds for the Renovation Work:

Description:	Value	Timing
Tenant Security		
Project Co Initial Security		
Project Co Works Security		
Tenant Works Security		
Additional Tenant Invested Capital		
Total Sources of Funds		

Estimated Budget and Description of renovations required to achieve the Initial Remediation Work and Renovation Works Principles

Section	Description	Total Cost	
Building:			
	1250 Clean efflorescence off masonry		
	2220 Interior Demo & Remediation		
	4000 Repointing minor areas of masonry		
	5500 Roof top unit supports		
	5500 Re&Re stairwell handrails		
	6100 Rough Carpentry		
	7410 Cladding changes to soften exterior		
	7500 Re roofing		
	7840 Firestopping existing misc openings		
	7900 Re&Re sealants at brick, cladding, windows		
	9000 Ceiling and finishes		
	14000 Refurbish elevator cabs		
	15000 Mechanical		
	16000 Electrical		
Exterior:			
	2200 Additional parking stalls @1 per 1,000 sq ft		
	2800 Curbs		
	5500 Railings		
Shelled Space	Total		
	Tenant Improvements @ \$100/sf		
	Additional Parking to 1/400 sf		
Grand Total			

SCHEDULE "D"
FORM OF MANAGEMENT REPORT

See attached.

SCHEDULE "E"

OPERATING COSTS

"Operating Costs" shall mean all amounts, charges, costs and expenses payable or incurred with respect to the operation, supervision, insurance and management of the Leased Premises by the Tenant, including:

- (1) the cost of the purchase or rental of machinery, equipment, tools, supplies and materials used on-site in connection with the operation, supervision and management of the Leased Premises, , provided that if the costs of the purchase of machinery, equipment, tools, supplies and materials exceed [REDACTED] for any individual item then such cost shall be amortized over the lesser of (a) the remaining Term of the Lease or (b) five (5) years;
- (2) wages, salaries and benefits of on-site personnel (including on-site management personnel) employed full-time at the Leased Premises, if any;
- (3) amounts payable to independent contractors, (including any property management company but excluding the Tenant's auditors, accountants, legal professionals, tax consultants), for any on site services provided in connection with the operation, maintenance, supervision and management of the Leased Premises;
- (4) the cost of all insurance which the Tenant is obligated or permitted to obtain under the Lease and any deductibles payable by the Tenant thereunder; and
- (5) costs incurred by the Tenant in subleasing the Leased Premises, including commissions, advertising costs and tenant inducement payments.

The following will be excluded or deducted from Operating Costs as the case may be:

- (6) net recoveries by the Tenant from subtenants of the Leased Premises in respect of costs which have been charged as Operating Costs;
- (7) net insurance proceeds received by Tenant to the extent that the proceeds reimburse the Tenant for costs of repair and replacement which have been charged as Operating Costs;
- (8) net recoveries received by Tenant under any warranties relating to the repair or replacement of any portion of the Leased Premises or part thereof;
- (9) Tenant's income taxes, business taxes, capital taxes, large corporation taxes and any other taxes personal to the Tenant;
- (10) any fines, penalties, interest or late payment charges incurred by the Tenant as a result of the Tenant's late payment of Property Taxes or other bills relating to the Leased Premises;
- (11) interest, fees and other debt service costs and capital retirement of any financing of the Leased Premises.

SCHEDULE 19

(NOT USED)

SCHEDULE 20

HANDBACK REQUIREMENTS

1. INTERPRETATION

1.1 Definitions

In this Schedule, in addition to the definitions set out in Schedule 1 to this Agreement:

“**Handback Works Costs**” has the meaning given in Section 2.5 (d) of this Schedule;

“**Handback Amount**” means Project Co’s estimate of the cost of carrying out the Handback Works Plan;

“**Handback Certificate**” has the meaning given in Section 4.2(a) of this Schedule:

“**Handback Holdback**” has the meaning given in Section 3.1(a) of this Schedule;

“**Handback Requirements**” means the requirements for the condition of the Facility on the Expiry Date described in Section 2.1 of this Schedule;

“**Handback Survey**” has the meaning given in Section 2.5 of this Schedule;

“**Handback Works**” has the meaning given in Section 2.7(a) of this Schedule;

“**Handback Works Plan**” has the meaning given in Section 2.7(b) of this Schedule;

“**Independent Inspector**” has the meaning given in Section 2.4 of this Schedule;

“**New Service Provider**” means:

- (a) New Project Co, in the case of termination of this Agreement prior to the expiry of the Term; or
- (a) a Person that has entered into or that will enter into an agreement with the Authority for provision of the Services at the expiry of the Term.

“**Post Handback Life Cycle Plan**” has the meaning given in Section 2.6 of this Schedule.

2. FACILITY HANDBACK

2.1 Facility Condition

On the Expiry Date, the Facility and each element comprising the Facility will be in a condition which is:

- (a) consistent with the Facility and each of the elements of the Facility having been designed and constructed in accordance with the applicable design life requirements set out in Schedule 2 Design and Construction Protocols and Schedule 3 Design and Construction Specifications of this Agreement; and

- (b) consistent with Project Co having performed the Services and maintained the Facility in accordance with Schedule 4 Services Protocols and Specifications;
- (c) For greater certainty, this Schedule shall not apply to any Equipment to be maintained by the Authority in accordance with this Project Agreement.

(collectively, the “**Handback Requirements**”).

2.2 Handback and Life Expectancy

Project Co shall allow for structural elements of the Facility to have a minimum residual life expectancy of 30 years at the Expiry Date. Non-structural elements of the Facility shall be in a condition which is consistent with good maintenance practice, and at the end of the Term shall have a minimum residual life expectancy of 5 years, unless specifically set out within Table 1 below.

Materials and components forming part of the Facility, which require maintenance and replacement within the Term, shall be selected, located and fixed to the fullest extent possible to minimise future inconvenience, disruptions and to avoid temporary closure of the Facility.

Table 1 Minimum Residual Life at Handback

Item	Residual Life at Handback
Primary elements	
Internal walls – load bearing	30 years
Roof structure	30 years
Drainage and below ground civil engineering infrastructure	30 years
Floor Structure	30 years
External openings, doors and sealed glazed windows	5 years
Rainwater gutters and down pipes	5 years
External elements	
Walls, (excluding painted finishes to windows and doors)	5 years
External painted finishes	5 years
Wall cladding and membranes	10 years
Roof claddings and membranes	10 years
Flat roof coverings	5 years
External hard landscaping elements	5 years
Internal elements	
Internal partitions – plasterboard and stud	10 years
Doors and internal timber work	5 years
Sanitary appliances	5 years
Communal kitchen appliances	5 years
Internal finishes (excluding paintwork)	2 years
Internal painted finishes	5 years
Floor finishes and skirting	5 years
Engineering elements	
Engineering plant	5 years
• Thermostats for heating	5 years

Item	Residual Life at Handback
• Access control equipment	5 years
• CCTV equipment	5 years
• Intruder alarm equipment	5 years
• Fire alarm equipment	5 years
• Bollard lighting (external)	5 years
• Laundry equipment	5 years
• Fire suppression system	5 years
• Communication system	5 years
• Electrical system	5 years
• Elevators and other conveying systems	5 years
• BMS	5 years
• Solar thermal / photovoltaic panels	5 years
• Air source heat pumps	5 years
Engineering services distribution systems	5 years

2.3 Durability and Maintainability

All elements of the structure of the Facility and Site shall withstand deterioration due to weather, ground conditions and accidental damage relevant to their location and environment.

Where there is a requirement for maintenance during the required life span of the elements, practical and realistic arrangements shall be designed into the construction of the Facility and selection of the materials, to allow for any repairs, replacements, and painting to be carried out:

- (a) safely;
- (b) without compromising the operational activities within and around the Site;
- (c) with minimal disruption for Facility Users; and
- (d) without requiring temporary decants or closures.

2.4 Independent Inspector

Not less than six (6) years prior to the Expiry Date, Project Co and the Authority shall agree upon and, in accordance with the Authority's procurement policies, engage an independent and suitability qualified person (the "**Independent Inspector**") to carry out the Handback Survey of the Facility pursuant to this Schedule.

- (a) Project Co and the Authority shall share equally the responsibility for the payment of all fees and costs of the Independent Inspector;
- (b) In the event of the Independent Inspector's engagement being terminated otherwise than for full performance, Project Co and the Authority shall liaise and cooperate with each other in order to appoint a replacement as soon as reasonably practicable, and in any

event within 20 Business Days of the termination of the last Independent Inspector's engagement.

- (c) In the event Project Co and the Authority fail to agree upon the identity of the Independent Inspector either pursuant to 2.4 (a) or 2.4 (b) of this Schedule by the specified deadline, then the Independent Inspector shall be selected as follows:
- (1) each party shall within 10 Business Days thereafter select three independent and suitably qualified and experienced persons that would be acceptable to that party as the Independent Inspector, and shall provide notice thereof to the other party; and
 - (2) if the parties have both selected a common person, then such common person shall be the Independent Inspector; or
 - (3) if the parties have not selected a common person, then the Independent Inspector shall be selected in accordance with the Dispute Resolution Procedure.

2.5 Handback Survey

In conjunction with the preparation of the Annual Service Plan for the year commencing not less than 3 years prior to the Expiry Date, Project Co and the Authority will conduct a joint inspection and survey of the Facility (the "**Handback Survey**"). The content of the Handback Survey shall include the following:

- (a) identifies the condition of the Facility and each element of the Facility in relation to the Handback Requirements;
- (b) assesses Project Co's Lifecycle Plan related to capital replacement (which, for greater certainty, will include consideration of energy consumption), and provides the Independent Inspector's opinion on both the adequacy of Project Co's proposed strategy and the consistency of Project Co's proposed strategy with the Lifecycle Plan methodology and Lifecycle Schedule set out in Appendix 4N of Schedule 4 hereto;
- (c) identifies any works required to ensure the Facility and each element of the Facility will meet the Handback Requirements on the Expiry Date (the "**Handback Works**"), and specifying the Contract Year in which each of those Handback Works would be required;
- (d) specifies the Independent Inspector's estimate of the costs that would be required to perform the Handback Works (the "**Handback Works Costs**"); and
- (e) details of how the Handback Works Costs were calculated.

2.6 Post Handback Lifecycle Plan

No later than five (5) years prior to the Expiry Date, Project Co shall develop, in conjunction with the Five Year Maintenance Plan, an asset life cycle and rehabilitation plan (the "Post Handback Life Cycle Plan") for all maintained elements based on the Life Cycle Report and good industry practice on a look forward basis for ten (10) years following the Expiry Date. The Post Handback Life Cycle Plan shall include specific refurbishment and replacement strategies, key assumptions and projected annual cost provisions

for all aspects of the Facility for which Project Co was responsible for during the Operating Period, categorized by major elements.

The Post Handback Lifecycle Plan will be used by the Authority for planning and budgetary purposes.

2.7 Results of Survey

If the Handback Survey indicates that any element of the Facility will not be in a condition consistent with the Handback Requirements upon Project Co implementing the Plans over the remainder of the Term, within 60 Business Days of completion of the Handback Survey, Project Co will deliver to the Authority's Operating Period Representative in accordance with Sections 4.7 and 4.8 of Schedule 4:

- (a) Project Co's proposal as to the maintenance and other works (if any) (the "**Handback Works**") required to be carried out in respect of the Facility to satisfy the Handback Requirements as at the Expiry Date;
- (b) Project Co's proposal for the carrying out of the Handback Works (the "**Handback Works Plan**") over the remainder of the Term as part of the Annual Service Plan, Life Cycle Plan and the Five Year Maintenance Plan then in effect and describing the total works to be carried out as well as the method and schedule for carrying out such works; and
- (c) Project Co's calculation of the Handback Amount.

The Authority's Operating Period Representative may, within 20 Business Days after receipt of the Handback Works and Handback Works Plan, review and comment on such plan in accordance with Section 4.8 of Schedule 4 Services Protocols and Specifications.

3. HOLDBACK

3.1 Handback Holdback

By agreement between Project Co and the Authority, or determination in accordance with the Dispute Resolution Procedure, of the Handback Works, the Handback Works Plan and the Handback Amount, Project Co will:

- (a) within 10 Business Days of the agreement, or determination in accordance with the Dispute Resolution Procedure, deliver to the Authority a performance bond or letter of credit:
 - (1) issued by a financial institution listed on Schedule 1 of the *Bank Act* or a surety company authorized to carry out business in the Northwest Territories;
 - (2) securing performance by Project Co of the Handback Works; and
 - (3) having a term which expires no sooner than two years after the Expiry Date,
 or other cash collateral acceptable to the Authority, acting reasonably, in an amount equal to the Handback Amount (the "**Handback Holdback**"); and

- (b) at its own cost and expense, carry out the Handback Works in accordance with the Handback Works Plan and Good Industry Practice, notwithstanding that the actual cost of the Handback Works may be higher than the Handback Amount.

3.2 Handback Reserve

If the Authority does not receive the Handback Holdback pursuant to Section 3.1 and/or a compliant and approved Handback Works Plan is not in place by the date that is 40 Business Days after the date of the Handback Survey, the Authority shall be entitled to offset the estimated value of the Handback Works against subsequent installments of the Service Payments on the following basis:

- (a) where Project Co has failed to deliver a Handback Works Plan by the required date, the Authority may reserve amounts in aggregate up to the value of the Handback Amount determined by Project Co in accordance with Section 2.7(c) or determined pursuant to the Dispute Resolution Procedure; or
- (b) where the Authority has rejected a proposed plan submitted in accordance with Section 2.6, the Authority may reserve an amount representing the value of the non-compliant elements of the plan, in aggregate up to the value of the Handback Amount determined by Project Co in accordance with Section 2.7(c) or determined pursuant to the Dispute Resolution Procedure.

If Project Co fails to carry out any Handback Works in accordance with the schedule in an approved Handback Works Plan or in a manner consistent with the Handback Requirements, the Authority may reserve or offset the value of those Handback Works from subsequent installments of the Service Payments.

Any amounts reserved or offset under this Section 3.2 shall be placed in an escrow account and released to Project Co upon satisfactory completion of the relevant Handback Works.

3.3 Obligation of Project Co

Notwithstanding:

- (a) the agreement of the Authority's Operating Period Representative to any Handback Works, the Handback Works Plan or the Handback Amount;
- (b) the participation of the Authority's Operating Period Representative in the Handback Survey; or
- (c) the complete or partial carrying out of the Handback Works.

Project Co will not be released from any obligation to conduct any other inspection or to perform any other works in accordance with this Agreement.

4. COMPLETION OF HANDBACK WORK

4.1 Further Inspection

Not later than six (6) months prior to the Expiry Date, Project Co and the Authority will conduct a further joint inspection and survey of the Facility. Such inspection will confirm whether or not the condition of the Facility meets the Handback Requirements.

4.2 Notice from the Authority

On, or within five Business Days after, the Expiry Date, the Authority's Operating Period Representative will either:

- (a) issue to Project Co a handback certificate confirming completion of the Handback Works (the "**Handback Certificate**") and return the Handback Holdback to Project Co; or
- (b) notify Project Co of its decision not to issue the Handback Certificate:
 - (1) stating the reasons for such decision;
 - (2) setting out each respect in which the Handback Works have not been completed or the Facility does not comply with the Handback Requirements; and
 - (3) stating the Authority's Operating Period Representative's estimate of the cost of completing all work required for the Facility to comply in all respects with the Handback Requirements.

4.3 Response from Project Co

Project Co may, within 30 days after receipt of the notice given in accordance with Section 4.2(b) of this Schedule by notice to the Authority's Operating Period Representative, object to any matter set out in the Authority's Operating Period Representative notice by:

- (a) giving details of the grounds of each such objection; and
- (b) setting out Project Co's proposals in respect of such matters.

4.4 Noncompliance with Handback Requirements

If it is agreed, or determined in accordance with the Dispute Resolution Procedure, that the Facility did not, at the Expiry Date, comply in all respects with the Handback Requirements:

- (a) Project Co will:
 - (1) complete any outstanding Handback Works within 60 days of the Expiry Date; and
 - (2) pay to the Authority no later than 60 days after the Expiry Date an amount, if any, equal to the estimated cost of completing any outstanding Handback Works

(based on the cost estimate provided by the Authority's Operating Period Representative in accordance with Section 4.2(b)(3) unless otherwise agreed or determined in accordance with the Dispute Resolution Procedure), so that the Facility is in a condition which complies with the Handback Requirements. Upon payment being received in full by the Authority, the Authority will issue the Handback Certificate and return the Handback Holdback to Project Co and if such payment is not received from Project Co when due, the Authority may draw any unpaid amounts against the Handback Holdback and release the balance of the Handback Holdback to Project Co.

5. SERVICE TRANSITION

5.1 Services Transition Out Requirements

Subject to Section 14.3(a) of the Agreement, at the expiry of the Term Project Co will:

- (a) comply with all requests of the Authority to provide information and data in the form, and incorporating the particulars, required by the Authority, relating to Project Co's administration and costs of performing the Services and including information relating to the anticipated administration and cost of a transfer of the Services to a New Service Provider, and the Authority shall have the right to disclose to any prospective New Service Provider any or all of the information provided under this Section 5.1(a), without disclosing to Project Co the identity of any such prospective New Service Provider;
- (b) comply with all requests of the Authority to facilitate for the Authority and/or any prospective New Service Provider meetings with the employees of Project Co who are engaged in the performance of the Services prior to such persons being released from employment by Project Co, and
 - (1) Project Co shall in no way restrict the Authority or New Service Provider, as the case may be, from offering employment to any employees of Project Co who are engaged in the performance of the Project; and
 - (2) in the event any of the employees of Project Co who are offered positions to work with the Authority or New Service Provider, as the case may be, accept such offers of employment, Project Co shall complete all documentation and take all steps as may be necessary in the opinion of the Authority, acting reasonably, to properly terminate such employees of Project Co, including by fulfilling all severance and/or termination payment obligations required to be made, and Project Co shall take all such other steps as the Authority or New Service Provider may reasonably require in connection with the termination of those employees who are accepting offers of employment from the Authority or New Service Provider.
- (c) comply with all requests of the Authority to provide all information, records, documents, agreements and data relating, directly or indirectly, to the Services including, without limitation, such information, records, documents, agreements and data set out below in

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the form, and incorporating the particulars, required by the Authority, relating to Project Co's administration and cost of performing the Services:

- (1) full operations, maintenance and service records for the Facility, including Help Desk records;
- (2) full complement of current operating manuals;
- (3) listing of all current and historical costs and expenses relating to the performance of the Services with a breakdown of such costs and expenses listed in respect of the Services;
- (4) information and data related to the Services;
- (5) information related to contingent liabilities and threatened or pending litigation;
- (6) floor plan, site plan, maps and photographs in respect of the Facility;
- (7) true, accurate and complete copies of all contracts and subcontracts with third parties and all other agreements, understandings, indentures, contracts, leases, deeds of trust, licences, options, instruments or other commitments between Project Co and any Persons relating to the Services;
- (8) details of all Service Failures from the Effective Date to the date such request is made of Project Co;
- (9) all information relating to the Services as may be identified by the Authority including, without limitation:
 - (A) information technology design, configuration, architecture and infrastructure documents;
 - (B) telephony design, configuration, architecture and infrastructure documents;
 - (C) databases;
 - (D) applications; and
 - (E) business rules.

SCHEDULE 21

NOT USED