

ADDENDUM NO. 2

This addendum forms part of the Contract Documents and amends the original drawings, specifications, schedules, and details dated 2025.03.07 and Addendum No. 1 dated 2025.05.02.

A2-A1 QUESTIONS AND ANSWERS

1. With reference to Question 2 in Addendum #1: The response is that a 50% material and labour bond is required. But we note that in the supplementary conditions it is stated and the 50% Performance Bond and a 50% Labour and Material Bond is required. Which is correct? Please clarify if a Performance Bond is required or not.

Answer: 50% Performance bond required and 50% Labour and Material. Provide Letters from Surety.

2. The bid form mentioned that we need to submit a certificate of insurance, but there does not appear to be any other information. Could you please provide more details about the insurance requirements?

Answer: Please refer to Schedule A of the supplementary conditions for specific requirements.

3. With regards to window blinds on the Scarborough Gen Hospital projects. The specs specified the blinds would be tagged as RS-2 but couldn't find them on any plans. One drawing, A402 referenced roller blinds as 'blinds' and there are 2 locations that is found on A 402 but there are no measurements for them. Their width's could be figured out but there is no simple window schedule with their heights mentioned?

Answer: Roller Window Shades are identified on the plans and sections as **BLIND**. Locations are identified on drawing A-401 on exterior windows in Rooms G4506 and G4507. There are also BLIND's locate on door G4507A and control room window G4507B. Exterior windows are approximately 3'-9" wide and 5'-5" tall. The window in door G4507A is 1'-10" wide by 1'-9" high. The control room window G4507B is 7'-2" x 4'-0".

4. Drawing M242 note 5 mentioned – install CT Scanner heat rejection unit supplied by the Equipment Vendor. What is the mechanical scope involvement in this? What kind of services we will be connecting to this equipment, ventilation, piping? Please clarify.

Answer: In addition to installing heat rejection unit (M242 note 5), mechanical contractor shall supply and install conduits (M242 note 4) to contain the flexible hydronic hoses provided by Siemens.

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5. Drawing M242 notes 3&4 mentioned – provide two 75mm conduits to contain flexible hoses. What kind of pip conduit is this, PVC? Please clarify.

Answer: Electrical Metallic Tubing (EMT) conduit.

6. Drawing M221 & M223 note 3 mentioned – drip pans to be provided. Is this galvanized or stainless steel?

Answer: Stainless steel.

7. In addition to below question, drawing **M11 note 1** refers to existing to be demolished. My question is what capacity is the AC and how far the Condensing unit to the indoor unit(AC)? Please clarify.

Answer: Drawing M111 note 1 STATES 'EXISTING AC UNIT AND CU UNIT SHALL BE REMOVED AND TURNED OVER TO OWNER. DEMOLISH ASSOCIATED REFRIGERATION PIPING.' Existing units shall be turned over to owner. Please refer to drawing M111 for EX-AC-1/EX-CU-1 and EX-AC-2/EX-CU-2 locations, and measure distance between AC and CU units.

8. Is not clear to me if this tender requires duct Cleaning. Section 23 01 30 pertains about HVAC Cleaning Agents & antimicrobial surface treatment. Please clarify.

Answer: Yes, clean duct systems as indicated in specifications.

9. Specification section 23 31 00 Sub section 2.2 metal ducts under rectangular and round duct, there are specifications for double wall insulated ducts. Doesn't have info about which ductwork to be single wall or double wall on drawings or legends. Please confirm if there is any ductwork to be double wall.

Answer: Double wall duct is not required.

10. How far is the Condensing unit to the indoor unit(AC)? Please clarify.

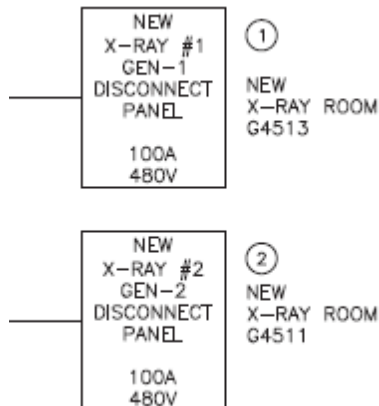
Answer: Approximately 120'.

11. Can you please clarify what the requirements are for the required Disconnects.

- Could you please confirm whether these are standard disconnect switches, or if we need to obtain them from Carestream? We need contact information if we need to obtain from the Carestream.

Answer: Electrical contractor to provide disconnect. Contractor to use disconnect similar to existing X-ray disconnects (Eaton Cutler-Hammer with Run, Off, Start, Stop buttons).

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PARTIAL SINGLE LINE KEY NOTES

- ① REMOVE AND REPLACE EXISTING X-RAY GEN-1 DISCONNECT PANEL WITH NEW 100A DISCONNECT PANEL FOR NEW X-RAY MACHINE. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED CARESTREAM X-RAY SHOP DRAWINGS
- ② REMOVE AND REPLACE EXISTING X-RAY GEN-2 DISCONNECT PANEL WITH NEW 100A DISCONNECT PANEL FOR NEW X-RAY MACHINE. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED CARESTREAM X-RAY SHOP DRAWINGS

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12. Addendum drawing# E-301- Beside the existing panel- GPPE1, it shows Key note#5-“Wires fed from emergency panel to be 2 hr fire rated”. This project requires approximately 27 new circuits from this panel. Is the intent to provide 2 hr fire rated cables for all these new circuits? Please clarify.
Answer: As per code all life safety items require 2hr fire rated wiring. CT and Xray machines are not considered Life safety, but are on emergency power. Regular wiring is accepted. Note 5 has been removed.

A2-A2 ARCHITECTURAL SPECIFICATIONS

1. Refer to Section 12 24 13

1.1. Delete Paragraph 1.1.1.1 and revise as follows:

1.1.1. Roller window room darkening (black-out) shades at interior locations; **BLIND**

- 2.** Delete 02 41 16 - Demolition and replace with the attached revised specification dated 2025.05.09.
- 3.** Delete 10 28 00 - Washroom and Janitor Accessories and replace with the attached revised specification dated 2025.05.09.
- 4.** Delete 12 24 13 - Roller Window Shades and replace with the attached revised specification dated 2025.05.09.

A2-A3 ARCHITECTURAL DRAWINGS

1. Reference Drawings: A402, A403, A802, and A901.

- 1.1.** Replace drawings A402, A403, A802 and A901 with the attached drawings Issued for Addendum No.2 with revision date 2025.05.09.

A2-E1 Electrical Addendum #2

2. Reference Drawings: E200, E301 and E303

- 2.1.** Replace drawings E200, E301 and E303 with the attached drawings Issued for Addendum No.2 with revision date 2025.05.09.

END OF ADDENDUM #2

Demolition

Revised by Addendum No. 2

PART 1 - GENERAL

1.1 Summary

- .1 Section includes:
 - .1 Demolition and removal of selected non-structural portions of building.
 - .2 Removal of surplus materials from the *Place of the Work*.
 - .3 Related mechanical and electrical work and demolition requirements are covered under Divisions 21, 22, and 23 and Divisions 26, 27, and 28 respectively.
 - .4 Salvage: [Added by Addendum No. 2]
 - .1 Salvaging of designated items for reuse by Owner.
- .2 Section excludes:
 - .1 Demolition, removal, remediation, or abatement of designated substances or materials and toxic and hazardous substances.

1.2 Administrative Requirements

- .1 Pre-demolition meeting:
 - .1 Schedule a pre-demolition meeting following the procedures specified for pre-installation meetings in accordance with Section 01 31 19.
 - .2 Review existing conditions at the *Place of the Work* thoroughly to establish full extent of items to be removed and items to remain. Commencement of demolition work will be considered to be acceptance of existing conditions at the *Place of the Work* and removal of such items.
 - .3 Examine adjacent properties to determine extent of protection required.

1.3 Submittals

- .1 Submit required submittals in accordance with Section 01 33 00.
- .2 Special procedures submittals:
 - .1 Existing conditions documentation:
 - .1 Document existing conditions of adjoining construction and site improvements, including pre-existing damage to finish surfaces that might be misconstrued as damage caused by demolition operations.
 - .2 Comply with Section 01 32 00.
 - .3 Submit existing conditions documentation before demolition work begins.
 - .2 Inventory of items to be salvaged: [Added by Addendum No. 2]
 - .1 Prepare typed inventory of units to be salvaged and cross-reference to drawings.

Demolition

Revised by Addendum No. 2

.2 Submit inventory following procedures for submittal of shop drawings in accordance with Section 01 33 00.

1.4 Quality Assurance

.1 Qualifications:

.1 Subcontractor:

- .1 Shall have 5 years' specialized demolition experience, minimum.
- .2 Shall be able to deploy adequate equipment and skilled personnel to complete work expediently in an efficient and orderly manner.

PART 2 - PRODUCTS

Not applicable.

PART 3 - EXECUTION

3.1 Examination

- .1 Verify that utilities have been disconnected and capped.
- .2 Observe existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- .3 When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to *Consultant*.
- .4 Survey of existing conditions: Record existing conditions by use of photographs in accordance with Section 01 32 00.
- .5 Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged. [Added by Addendum No. 2]

3.2 Utility Services and Mechanical / Electrical Systems

- .1 Refer to Divisions 21, 22, and 23 and Divisions 26, 27, and 28 respectively.

3.3 Selective Demolition, General

- .1 Demolish and remove existing construction only to the extent required by new construction, and as otherwise indicated. Use methods required to complete the work within limitations of governing regulations and as follows:
 - .1 Proceed with selective demolition systematically, from higher to lower level. Complete selective demolition operations above each floor or tier before disturbing supporting members on the next lower level.

Demolition

Revised by Addendum No. 2

- .2 Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
- .3 Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
- .4 Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain fire watch and portable fire-suppression devices during flame-cutting operations.
- .5 Maintain adequate ventilation when using cutting torches.
- .6 Remove decayed, infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
- .7 Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
- .8 Dispose of demolished items and materials promptly.
- .2 Dispose of demolished materials from *Project* site except where noted otherwise and in accordance with authorities having jurisdiction. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- .3 Do not sell demolished material at the *Place of the Work*.
- .4 Clean existing surfaces specified to receive new applied finishes to assure proper adherence.

3.4 Salvage [Added by Addendum No. 2]

- .1 Remove and store items indicated or directed for salvage. Remove, handle and transport such items to storage area designated in the *Contract Documents*, to an area within the *Place of the Work* designated by *Consultant*, or to an area away from the *Place of the Work* as directed by the *Consultant*. Perform such work to prevent damage to the items during removal and in storage.
- .2 The *Owner* shall review *Place of the Work* prior to commencement of demolition and instruct the *Contractor* of the items to be retained for re-use or be turned over to the *Owner*.
- .3 Remove and store indicated items for future use by *Owner*. Remove, handle and transport such items to storage area indicated in the *Contract Documents* or to an area within the *Place of the Work* designated by *Consultant*. Perform such work carefully and with diligence to prevent any damage to the items during removal and in storage.

END OF SECTION

Washroom Accessories

Revised by Addendum No. 2

PART 1 - GENERAL

1.1 Summary

- .1 Section includes:
 - .1 Washroom accessories.
 - .2 Coordination and installation of washroom accessories as supplied by *Owner*.

1.2 Administrative Requirements

- .1 Coordination:
 - .1 Supply manufacturer's handling instructions, anchorage information, roughing-in dimensions, templates, and service requirements for installation of the work of this section, and assist or supervise, or both, the setting of anchorage devices and construction of other work incorporated with *Products* specified in this section in order that they function as intended.

1.3 Submittals

- .1 Submit required submittals in accordance with Section 01 33 00.
- .2 *Product* data sheets:
 - .1 Submit manufacturer's *Product* data sheets for *Products* proposed for use in the work of this section.
- .3 Samples:
 - .1 Submit 3 samples of each finish specified.
- .4 Shop drawings:
 - .1 Include plans, elevations, hardware, and installation details.

1.4 Closeout Submittals

- .1 Submit closeout submittals in accordance with Section 01 78 00.
- .2 Operation and maintenance data:
 - .1 Submit manufacturer's operation and maintenance instructions for inclusion in the operation and maintenance manuals.

PART 2 - PRODUCTS

2.1 Accessories

- .1 Incorporate reinforcing, fastenings and anchorage required for building-in of *Products*.
- .2 Washroom accessories acceptable *Products*; locations as indicated or scheduled:
 - .1 Grab bars:
 - .1 GB1; Straight grab bars:

Washroom Accessories

Revised by Addendum No. 2

- .1 Bobrick 'B-6806.99'.
- .2 GB2; L-shaped grab bars:
 - .1 Bobrick 'B-6898.99'.
- .2 MIR; Mirror with shelf:
 - .1 Bobrick 'B-292 2436'.
- .3 Sanitary napkin disposal:
 - .1 Bobrick 'B-270'.
- .4 Coat hook:
 - .1 Kingsway 'KG180 Anti-Ligature Single Coat Hook'.
- .5 Substitutions: in accordance with Section 01 25 00.
- .3 Washroom accessories supplied by *Owner*; locations as directed by *Owner*: refer to FF&E Responsibilities Schedule on Drawing Sheet A403 [Revised by Addendum No. 2]
 - ~~.1 — Sharps container brackets.~~
 - ~~.2 — Hand sanitizer dispensers.~~
 - ~~.3 — Disinfectant wipe brackets.~~
 - ~~.4 — Glove dispenser boxes.~~
 - ~~.5 — Toilet paper holder.~~
 - ~~.6 — Soap dispenser.~~
 - ~~.7 — Paper towel dispenser.~~
- .4 Galvanic/dissimilar metal corrosion inhibitor (isolation coating): in accordance with Section 01 73 00 and written requirements of manufacturers of metals affected.

2.2 Fabrication

- .1 Fabricate *Products* with materials and component sizes, metal gauges, hardware, reinforcing, anchors, and fastenings of adequate strength to ensure that washroom accessories will remain free of warping, buckling, opening of joints and seams, and distortion within limits of intended use.

PART 3 - EXECUTION

3.1 Preparation

- .1 Verify that rough-in dimensions and blocking or back-up has been provided to comply with product manufacturer's written requirements.

3.2 Installation of Washroom Accessories

- .1 Comply with product manufacturers written requirements.

Washroom Accessories

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- .2 Install and secure fixtures rigidly in place using expansion shields in solid masonry or concrete, toggle bolts in hollow masonry or sheet metal screws at metal studs.
- .3 Provide galvanic/dissimilar metal corrosion inhibitor (isolation coating) in accordance with Section 01 73 00 and written requirements of manufacturers of metals affected.
- .4 Install on built-in concealed solid backing materials. Grab bar installation shall be able to withstand 250 kg downward force.
- .5 Verify locations and mounting heights with *Consultant* before roughing-in.

3.3 Barrier Free Installation Heights

- .1 Install accessories to permit operable parts and controls to be accessed in accordance with authorities having jurisdiction.

3.4 Installation Tolerances

- .1 Install accessories plumb, level, straight, tight and secured, centred between joints on masonry and tile walls to the following maximum tolerances:
 - .1 Plumb and level: 3 mm (1/8").
 - .2 Variation from indicated position: 3 mm (1/8").

3.5 Adjusting and Cleaning

- .1 Verify under work of this section that installed *Products* function properly and adjust them accordingly to ensure satisfactory operation. Test mechanisms, hinges, locks, and latches and adjust and lubricate to ensure washroom accessories are in perfect working order.
- .2 Do not remove protective coatings until final cleaning, or earlier if directed by *Consultant*.
- .3 Refinish damaged or defective work so that no variation in surface appearance is discernible. Refinish work at *Place of the Work* only if approved.

END OF SECTION

Roller Window Shades

Revised by Addendum No. 2

PART 1 - GENERAL

1.1 Summary

- .1 Section includes:
 - .1 Roller window room darkening (black-out) shades at interior locations; ~~RS-2 BLIND.~~ [Revised by Addendum No. 2]

1.2 Administrative Requirements

- .1 Conduct a pre-installation meeting in accordance with Section 01 31 19.

1.3 Submittals

- .1 Submit required submittals in accordance with Section 01 33 00.
- .2 *Product* data sheets:
 - .1 Submit manufacturer's *Product* data sheets for *Products* proposed for use in the work of this section.
 - .2 Submit flammability performance data.
 - .3 Submit manufacturers' installation instructions.
- .3 Shop drawings:
 - .1 Submit engineered shop drawings.
 - .2 Submit shop drawings or fully dimensioned catalogue cuts.
 - .3 Window treatment schedule: Use same designations indicated on *Contract Documents*.
 - .4 Clearly indicate general construction, configurations, jointing methods and locations, fastening methods, handing of controls, required blocking locations, banding (tandem shades), and installation details, including seismic design, connections and restraint.
- .4 Samples:
 - .1 Submit samples of each material and finish colour selected and each accessory.

1.4 Closeout Submittals

- .1 Submit closeout submittals in accordance with Section 01 78 00.
- .2 Operation and maintenance data:
 - .1 Submit manufacturer's operation and maintenance instructions for inclusion in the operation and maintenance manuals.

1.5 Quality Assurance

- .1 Qualifications:

Roller Window Shades

Revised by Addendum No. 2

- .1 Manufacturers:
 - .1 Company specializing in manufacturing the *Products* specified in this section, with 10 years' experience minimum.
- .2 Installers / applicators / erectors:
 - .1 Work of this section shall be by forces in the direct employ or under control of the system manufacturer, skilled, trained, and experienced in work of similar scope and complexity.
- .2 Mock-ups:
 - .1 Erect 1 full size mock-up each roller shade type at the *Place of the Work* for review. Completed and accepted mock-up shall act as the standard to which balance of the work of this section will be judged.

1.6 Warranty

- .1 Warrant work of this section in accordance with Section 01 78 36.

PART 2 - PRODUCTS

2.1 Manufacturers

- .1 Acceptable *Products*:
 - .1 Legrand Global 'Teleshade Series'.
 - .2 Substitutions: in accordance with Section 01 25 00.

2.2 Performance/Design Requirements

- .1 Manual operation:
 - .1 Every part of a corded window covering that is accessible to a child and is small enough to be totally enclosed in a small parts cylinder in accordance with 'Corded Window Coverings Regulations - SOR/2019-97' must be affixed to the corded window covering so that the part does not become detached when it is subjected to a force of 90 N applied in any direction.
 - .2 Unreachable cords:
 - .1 A cord that is not reachable must remain so, whether the corded window covering is fully opened, fully closed or in any position in between, throughout the useful life of the corded window covering.
 - .3 Reachable cord with one free end; length:
 - .1 A reachable cord with one free end must not exceed 220 mm in length when it is pulled in any direction by the gradual application of force attaining 35 N.
 - .4 Reachable cord between two consecutive contact points; length:

Roller Window Shades

Revised by Addendum No. 2

- .1 A reachable cord with no free end must not exceed 220 mm in length between two consecutive contact points when it is pulled in any direction by the gradual application of force attaining 35 N.
- .5 Loop created by a reachable cord; perimeter:
 - .1 If a reachable cord is pulled in any direction by the gradual application of force attaining 35 N, the perimeter of any loop, whether it is existing, created or enlarged, must not exceed 440 mm.
- .6 Two reachable cords:
 - .1 If two reachable cords with one free end each can be connected to one another, end to end, after each has been pulled in any direction by the gradual application of force attaining 35 N, the following criteria must be met:
 - .1 The length of the resulting cord must not exceed 220 mm.
 - .2 The perimeter of the loop that is created must not exceed 440 mm.

2.3 Hardware - Manual Controlled Shades

- .1 Shades shall be operated to permit infinite positioning. Left or right hand operation and banding as applicable to suit *Place of the Work* condition.
 - .1 Drive assembly:
 - .1 Allow finger tip control and include a built in shock absorber system to prevent cord breakage under normal operating conditions;
 - .2 Capable of being field adjusted from the exterior of the shade unit without having to disassemble the hardware.
 - .2 Provide chain clip, type to later selection by *Consultant*.

2.4 Assembly

- .1 Provide fully factory assembled shade unit consisting of 2 shade brackets, one piece extruded aluminum shade tube, extruded aluminum fascia, aluminum profile hembars, extruded vinyl fabric spline, and fabric as specified.
- .2 Fabric shall hang straight, without shifting sideways more than 3 mm (1/8") in either direction due to warp distortion or weave design.
- .3 Factory modify housings where necessary to bypass columns.
- .4 End brackets: a two piece moulded ABS construction with nylon drive sprocket. Bracket colour shall coordinate with the fascia colour.
- .5 Shade tube: Minimum 1.52 mm (0.060") thick extruded aluminum with three equally spaced continuous stiffening fins, non-sag design, maximum deflection under full load of fabric L/700.
- .6 Fascia: Minimum 1.5 mm (1/6") thick extruded aluminum.
- .7 Hembar: Extruded aluminum with matching plastic end finials.

Roller Window Shades

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- .8 Mounting: Removal of shade system shall not require the disassembly of the shade unit.

2.5 Shade Mounting System

- .1 Design extruded aluminum bracket to accept preassembled shade system.
 - .1 Use brackets to facilitate the alignment with shade opening.
- .2 Modular construction: Shades shall be removable as a complete modular unit without any component disassembly required.
- .3 Room darkening (black-out) shade features: 13 mm (1/2") pile mounted in prefinished 38 mm x 28 mm (1-1/2" x 1-1/8") extruded aluminum side and bottom channels finished to match mullions. Include Dynamic hembar to allow for variance in window sill level.

2.6 Aluminum Finish

- .1 Exposed aluminum: Baked enamel, colour to match window mullion finish.
- .2 Unexposed aluminium: Mill finish.

2.7 Shade Fabric Types

- .1 Room darkening (black-out) fabric; dimensionally stable fabrics:
 - .1 Acceptable *Products*:
 - .1 To later selection by *Consultant*.
 - .2 Substitutions: in accordance with Section 01 25 00.
 - .2 Colour: to later selection by *Consultant* from manufacturer's full range.
- .2 Fabric:
 - .1 Hang flat, without buckling or distortion. Edge, where trimmed, shall hang true and straight, without shifting sideways more than 3 mm (1/8") in either direction due to warp distortion or weave design.
 - .2 Colour fast, retain its shape, and not be affected by moisture or heat.
- .3 Flammability performance:
 - .1 Certified by an independent laboratory, shade fabric shall pass CAN/ULC S109-14.

2.8 Fabrication

- .1 Finished assemblies: Square, true to size and free from distortion, twist, or other defects that could affect their strength, operation or appearance.
- .2 Factory applied finish: Uniform, smooth and without blemishes.

Roller Window Shades

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PART 3 - EXECUTION

3.1 Installation

- .1 Install shade systems in plumb, squared, adequately anchored, maintaining uniformed clearances, accurate alignment levels, and parallel with the window plane. Fabric shall not travel more than 3 mm (1/8") in either direction within channels after installation.
- .2 Fabric shall be pre-measured and manufactured off-site.
- .3 Shades shall be snapped into place without screws or visible fasteners.
- .4 Incorporate reinforcing, fastening and anchorage required for installation of shades.
- .5 Securely attach installation fittings to their mounting surfaces with stainless steel or hardened aluminum screws of proper length and type, and durable anchors.
- .6 Install shade roller true and level, and with cloth to hang flat without buckling or distortion.
- .7 Room darkening shades (black-out) to be installed to eliminate passage of light from exterior.

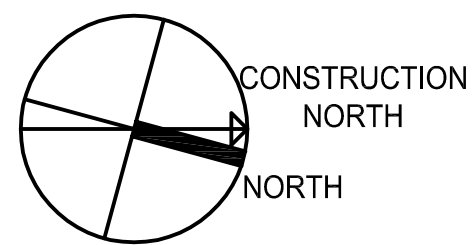
3.2 Adjusting and Cleaning

- .1 Verify that installed shade system functions properly, and adjust it accordingly to ensure satisfactory operation.
- .2 Refinish damaged or defective work so that no variation in surface appearance is discernible.

3.3 Closeout Activities

- .1 Demonstration:
 - .1 Before acceptance of system, arrange for demonstration of equipment with authorized representatives of *Owner*, to be performed by representative of shade manufacturer to assure proper function, operation and explanation.
 - .2 Conduct comprehensive demonstration for *Owner's* staff on operation and care of interior window treatments.

END OF SECTION



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|------------|----------------------------|------|-------|----------|
| 2 | ISSUED FOR ADDENDUM 2 | NA | BDM | 25.05.09 |
| 1 | ISSUED FOR ADDENDUM 1 | NA | BDM | 25.05.02 |
| Revision | | By | Appd. | YY.MM.DD |
| 2 | ISSUED FOR TENDER & PERMIT | BDM | BDM | 25.04.07 |
| 1 | ISSUED FOR COSTING | BDM | BDM | 25.01.06 |
| Issued | | By | Appd. | YY.MM.DD |
| File Name: | | Dwn. | Chkd. | Dsgn. |
| | | | | YY.MM.DD |

**SCARBOROUGH HEALTH NETWORK
GENERAL HOSPITAL
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

EQUIPMENT PLAN

Project No.
140023034

Drawing No.

Scale
1/4"=1'-0"

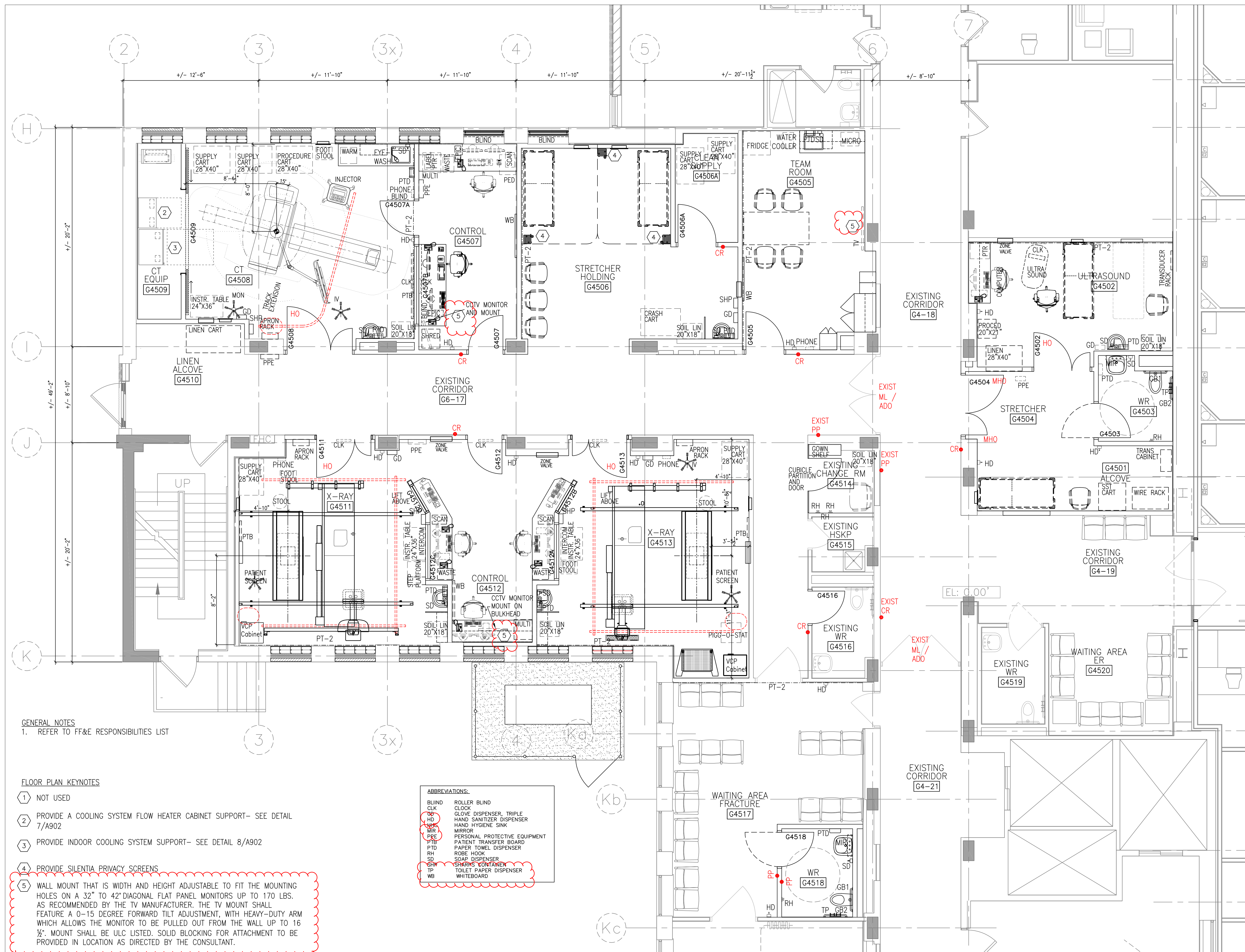
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Revision

A402

of

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GENERAL NOTES
1. REFER TO FF&E RESPONSIBILITIES LIST

FLOOR PLAN KEYNOTES

- NOT USED
- PROVIDE A COOLING SYSTEM FLOW HEATER CABINET SUPPORT- SEE DETAIL 7/A902
- PROVIDE INDOOR COOLING SYSTEM SUPPORT- SEE DETAIL 8/A902
- PROVIDE SILENTIA PRIVACY SCREENS
- WALL MOUNT THAT IS WIDTH AND HEIGHT ADJUSTABLE TO FIT THE MOUNTING HOLES ON A 32" TO 42" DIAGONAL FLAT PANEL MONITORS UP TO 170 LBS. AS RECOMMENDED BY THE TV MANUFACTURER. THE TV MOUNT SHALL FEATURE A 0-15 DEGREE FORWARD TILT ADJUSTMENT, WITH HEAVY-DUTY ARM WHICH ALLOWS THE MONITOR TO BE PULLED OUT FROM THE WALL UP TO 16 1/2". MOUNT SHALL BE ULC LISTED. SOLID BLOCKING FOR ATTACHMENT TO BE PROVIDED IN LOCATION AS DIRECTED BY THE CONSULTANT.

ABBREVIATIONS:

BLIND ROLLER BLIND
CLK CLOCK
GDP GLOVE DISPENSER, TRIPLE
HD HAND SANITIZER DISPENSER
HDS HAND HYGIENE SINK
MIR MIRROR
PRE PERSONAL PROTECTIVE EQUIPMENT
PTB PATIENT TRANSFER BOARD
PTD PAPER TOWEL DISPENSER
RHD ROBE HOOK
SD SOAP DISPENSER
SHW SHARPS CONTAINER
TP TOILET PAPER DISPENSER
WB WHITEBOARD

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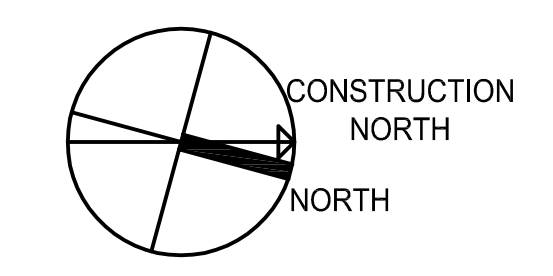
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing – any errors or omissions shall be reported to Stantec without delay.

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Consultants

Keyplan

North Arrow



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| 2 | ISSUED FOR ADDENDUM 2 | NA | BDM | 25.05.09 |
| 1 | ISSUED FOR ADDENDUM 1 | NA | BDM | 25.05.02 |
| Revision | | By | Appd. | YY.MM.DD |
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| 2 | ISSUED FOR TENDER & PERMIT | BDM | BDM | 25.04.07 |
| 1 | ISSUED FOR COSTING | BDM | BDM | 25.01.06 |
| Issued | | By | Appd. | YY.MM.DD |
| | | | | |
| File Name: | | | | |
| | | Dwn. | Chkd. | Dasn. |
| | | | | YY.MM.DD |

Permit-Seal

Client/Project

SCARBOROUGH HEALTH NETWORK
GENERAL HOSPITAL

SATELLITE IMAGING RENOVATION

3050 Lawrence Ave East, Scarborough, Ontario

Title
FF&E RESPONSIBILITIES

| | |
|-------------|-------|
| Project No. | Scale |
| 140023034 | NTS |

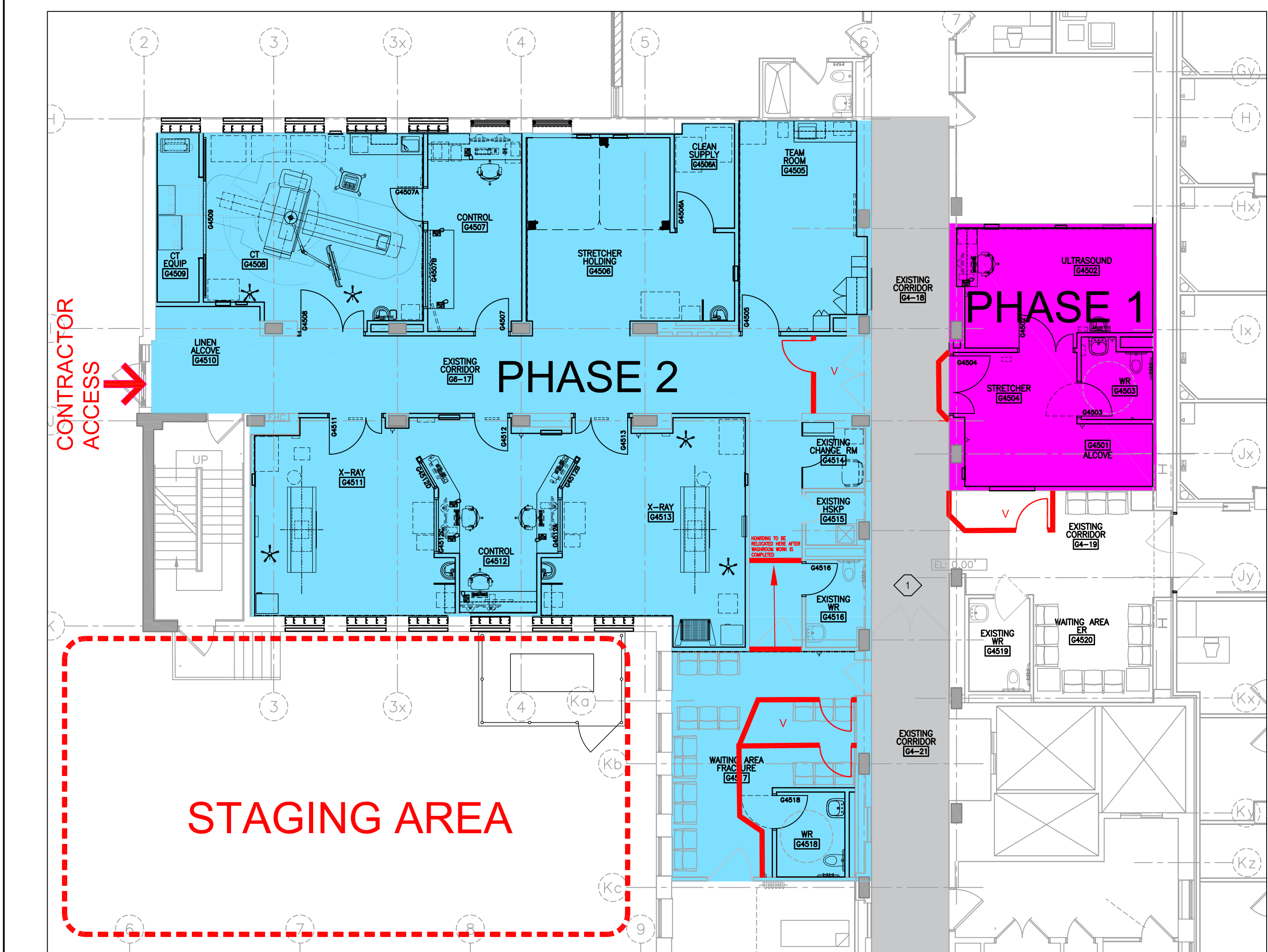
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|-------------|-------|----------|
| Drawing No. | Sheet | Revision |
|-------------|-------|----------|

A403 of 0

| Rm No. | Rm Name | Supply | Install | Item | |
|--------|----------------|------------|------------|--------------------------------------|---|
| G4506 | Stretcher hold | Owner | Contractor | Paper towel dispenser | ✓ |
| | | Owner | Contractor | Soap dispenser | ✓ |
| | | Owner | Owner | Waste receptacle | ✓ |
| | | Owner | Contractor | Hand sanitizer dispenser, wall mount | x |
| | | Owner | Owner | Code blue cart w defib | ✓ |
| | | Owner | Owner | Chair, sled base Qty TBD | ✓ |
| | | Owner | Owner | Cart, storage, supply Qty TBD | ✓ |
| | | Contractor | Contractor | Screen, privacy, mobile Size/Qty TBD | ✓ |
| | | Owner | Owner | Regulator oxygen | x |
| | | Owner | Owner | Regulator suction | x |
| | | Owner | Owner | Hamper, linen, soiled w lid | ✓ |
| | | Contractor | Contractor | Code blue/staff assist | ✓ |
| | | Contractor | Contractor | Window blinds | ✓ |
| G4507 | CT Control | Vendor | Vendor | CT control console | ✓ |
| | | Vendor | Vendor | Injector console | ✓ |
| | | Owner | Owner | Chair, high stool w foot ring x 2 | ✓ |
| | | Owner | Owner | Chair, task | ✓ |
| | | Contractor | Contractor | Desk | ✓ |
| | | Contractor | Contractor | Pedestal | ✓ |
| | | Contractor | Contractor | Printer stand | ✓ |
| | | Owner | Owner | Telephone, desk top x 2 | ✓ |
| | | Owner | Owner | Computer w monitor x 2 | ✓ |
| | | Owner | Owner | Document scanner | ✓ |
| | | Owner | Owner | Multifunction printer | ✓ |
| | | Owner | Contractor | Whiteboard | ✓ |
| | | Owner | Contractor | Hand sanitizer dispenser, wall mount | ✓ |
| | | Owner | Owner | Waste receptacle | x |
| | | Owner | Contractor | PPE dispenser, wall mount | ✓ |
| | | Owner | Contractor | Telephone, interpretation | ✓ |
| | | Owner | Owner | Label Printer | ✓ |
| | | Owner | Owner | Shred bin for confidential waste | ✓ |
| | | Contractor | Contractor | Code blue/staff assist | ✓ |
| | | Contractor | Contractor | Clock | ✓ |
| | | Owner | Contractor | CCTV display | ✓ |
| | | Contractor | Contractor | Window blinds | ✓ |
| G4508 | CT Gantry | Vendor | Vendor | CT scanner w table | ✓ |
| | | Owner | Vendor | Injector, mobile pedestal | ✓ |
| | | Vendor | Vendor | Ceiling lift | ✓ |
| | | Owner | Owner | Cart, storage, supply | ✓ |
| | | Owner | Owner | Cart, procedure | ✓ |
| | | Owner | Contractor | Patient transfer board, wall mount | ✓ |
| | | Owner | Contractor | Apron rack, wall mount | ✓ |
| | | Owner | Owner | Apron, lead | x |
| | | Owner | Contractor | Paper towel dispenser | ✓ |
| | | Owner | Contractor | Soap dispenser | ✓ |
| | | Owner | Owner | Waste receptacle | x |
| | | Owner | Contractor | Hand sanitizer dispenser, wall mount | ✓ |
| | | Owner | Owner | Sharps disposal | ✓ |
| | | Owner | Owner | Regulator oxygen | x |
| | | Owner | Owner | Regulator suction | x |
| | | Owner | Owner | Contrast media warmer | ✓ |
| | | | | Dump sink w millwork w shelf for | |
| | | Contractor | Contractor | warmer | ✓ |
| | | Owner | Owner | Monitor, patient, mobile | ✓ |
| | | Owner | Owner | Table, ss instrument | ✓ |
| | | Owner | Owner | Telephone, wall mount | ✓ |
| | | Contractor | Contractor | Code blue/staff assist | ✓ |
| | | Contractor | Contractor | IV track, ceiling | ✓ |
| | | Owner | Owner | Foot stool w handle | ✓ |
| | | Owner | Owner | Hamper, linen, soiled w lid | ✓ |
| | | Owner | Contractor | Glove dispenser, triple | ✓ |
| | | Owner | Owner | IV pole | ✓ |
| | | Owner | Owner | Instrument table | ✓ |
| | | Contractor | Contractor | Clock | ✓ |
| | | Contractor | Contractor | Eyewash station | ✓ |
| | CT | | | | |
| G4509 | Equipment | Vendor | Vendor | Will depend on scanner equipment | |
| G4510 | Linen alcove | Owner | Owner | Cart, wire, linen 24"Dx60"Wx?H | |

| Rm No. | Rm Name | Supply | Install | Item | | | |
|------------|------------------------------|------------------------------|---------------|----------------------------------------|------------|-----------------------------------|---|
| G4511 | X-ray-south | Vendor | Vendor | X-ray system w table & upright bucky | ✓ | | |
| | | Vendor | Vendor | Ceiling lift | ✓ | | |
| | | Owner | Owner | Cart, storage, supply | ✓ | | |
| | | Owner | Owner | Cart, procedure | ✓ | | |
| | | Contractor | Contractor | Patient transfer board, wall mount | ✓ | | |
| | | Owner | Owner | Apron rack, wall mount | ✓ | | |
| | | Owner | Owner | Apron, lead | x | | |
| | | Owner | Owner | Apron, lead half-size, mobile | ✓ | | |
| | | Owner | Contractor | Paper towel dispenser | ✓ | | |
| | | Owner | Contractor | Soap dispenser | ✓ | | |
| | | Owner | Vendor | Waste receptacle | x | | |
| | | Owner | Contractor | Hand sanitizer dispenser, wall mount | ✓ | | |
| | | Owner | Contractor | Sharps disposal | ✓ | | |
| | | Owner | Owner | Regulator oxygen | x | | |
| | | Owner | Owner | Regulator suction | x | | |
| | | Owner | Owner | Table, ss instrument | ✓ | | |
| | | Contractor | Contractor | Code blue/staff assist | ✓ | | |
| | | Owner | Owner | Foot stool w handle | ✓ | | |
| | | Owner | Owner | Hamper, linen, soiled w lid | ✓ | | |
| | | Owner | Contractor | Glove dispenser, triple | ✓ | | |
| | | Owner | Owner | Stool, no arms, no wheels | ✓ | | |
| | | Contractor | Contractor | Telephone, wall mount | ✓ | | |
| | | Owner | Owner | Piggestat infant immobilizer | ✓ | | |
| | | Owner | Owner | Step platform, standing x-rays | ✓ | | |
| | | Owner | Owner | IV pole | ✓ | | |
| | | Contractor | Contractor | Upper cupboard lock | ✓ | | |
| | | Contractor | Contractor | Clock | ✓ | | |
| | | G4512 | X-ray Control | Vendor | Vendor | X-ray control x 2 | ✓ |
| | | | | Owner | Owner | Chair, high stool w foot ring x 2 | ✓ |
| | | | | Contractor | Contractor | Desk | ✓ |
| Owner | Owner | | | Pedestal | ✓ | | |
| Owner | Owner | | | Chair, task x 1 | ✓ | | |
| Owner | Owner | | | Laser printer | ✓ | | |
| Owner | Contractor | | | Printer stand | ✓ | | |
| Contractor | Contractor | | | Telephone, desk top x 2 | ✓ | | |
| Owner | Owner | | | Computer w monitor x 2 | ✓ | | |
| Owner | Owner | | | Document scanner x 2 | ✓ | | |
| Owner | Contractor | | | Whiteboard | ✓ | | |
| Owner | Contractor | | | Hand sanitizer dispenser, wall mount | ✓ | | |
| Owner | Owner | | | Waste receptacle x 2 | x | | |
| Owner | Contractor | | | PPE dispenser, wall mount | ✓ | | |
| Owner | Owner | | | Cart, storage, supply | ✓ | | |
| Owner | Contractor | | | Telephone, interpretation | ✓ | | |
| Owner | Contractor | | | CCTV display | ✓ | | |
| Contractor | Contractor | Clock | ✓ | | | | |
| G4513 | X-ray-north | Vendor | Vendor | X-ray system w table & upright bucky | ✓ | | |
| | | Vendor | Vendor | Ceiling lift | ✓ | | |
| | | Owner | Owner | Cart, storage, supply | ✓ | | |
| | | Owner | Owner | Cart, procedure | ✓ | | |
| | | Owner | Contractor | Patient transfer board, wall mount | ✓ | | |
| | | Owner | Contractor | Apron rack, wall mount | ✓ | | |
| | | Owner | Owner | Apron, lead | ✓ | | |
| | | Owner | Owner | Apron, lead half-size, mobile | ✓ | | |
| | | Owner | Contractor | Paper towel dispenser | ✓ | | |
| | | Owner | Contractor | Soap dispenser | ✓ | | |
| | | Owner | Owner | Waste receptacle | ✓ | | |
| | | Owner | Contractor | Hand sanitizer dispenser, wall mount | ✓ | | |
| | | Owner | Contractor | Sharps disposal | ✓ | | |
| | | Owner | Owner | Regulator oxygen | x | | |
| | | Owner | Owner | Regulator suction | x | | |
| | | Owner | Owner | Table, ss instrument | ✓ | | |
| | | Contractor | Contractor | Code blue/staff assist | ✓ | | |
| Owner | Owner | Foot stool w handle | ✓ | | | | |
| Owner | Owner | Hamper, linen, soiled w lid | ✓ | | | | |
| Owner | Contractor | Glove dispenser, triple | ✓ | | | | |
| Owner | Owner | Stool, no arms, no wheels | ✓ | | | | |
| Owner | Contractor | Telephone, wall mount | ✓ | | | | |
| Owner | Owner | IV pole | ✓ | | | | |
| Contractor | Contractor | Upper cupboard lock | ✓ | | | | |
| Contractor | Contractor | Clock | ✓ | | | | |
| Owner | Owner | 3' standing patient "screen" | ✓ | | | | |
| G4514 | Change room | Contractor | Contractor | Remove curtain, add door | ✓ | | |
| | | Owner | Owner | Hamper, linen soiled w lid | ✓ | | |
| | | Contractor | Contractor | Gown storage | ✓ | | |
| | | Owner | Owner | Chair, bariatric or regular | ✓ | | |
| G4515 | Housekeeping room | N/A | N/A | | | | |
| G4516 | Washroom-X-ray/CT | N/A | N/A | Add card swipe for staff only | | | |
| G4517 | Waiting area Fracture Clinic | Owner | Owner | Chairs, Qty TBD after layout finalized | ✓ | | |
| | | Owner | Owner | End tables, TBD after layout finalized | ✓ | | |
| | | Owner | Contractor | Hand sanitizer dispenser, wall mount | ✓ | | |
| TBD | Fracture CI Waiting W/R | Owner | Contractor | Paper towel dispenser | ✓ | | |
| | | Owner | Contractor | Toilet paper dispenser | ✓ | | |
| | | Owner | Contractor | Soap dispenser | ✓ | | |
| | | Owner | Owner | Waste receptacle | ✓ | | |
| | | Contractor | Contractor | Nurse call | ✓ | | |
| | | Contractor | Contractor | Mirror | ✓ | | |
| | | Contractor | Contractor | Coat hooks | ✓ | | |
| Contractor | Contractor | Grab bar | ✓ | | | | |

\\s0224-prfss01\shared_projects\140023034\c_working_files\04_architecture\01_cad\01_sheets\GEN- Ground Floor Plate_2025-02-19.dwg
2025/05/09 4:02 PM By: Modler, Brian



4 PHASING DRAWING
A802 SCALE: 1 1/2"=1'-0"

| ROOM NUMBER | ROOM NAME | FLOOR | BASE | WALL1 | NORTH | WALL2 | EAST | WALL3 | SOUTH | WALL4 | WEST | CEILING | | REMARKS |
|-------------|-------------------|-------|----------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------------------------|
| | | MATL. | MATL. | FINISH | COLOUR | FINISH | COLOUR | FINISH | COLOUR | FINISH | COLOUR | MATL. | FINISH | |
| G4-18 | EXISTING CORRIDOR | EXST | EXST | PT | | - | | PT | | - | | EXST | - | PAINT FULL EXTENT OF CORRIDOR |
| G4-19 | EXISTING CORRIDOR | EXST | EXST/RSF | | | - | | - | | PT | | EXST | - | |
| G6-17 | EXISTING CORRIDOR | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4501 | ALCOVE | RSF | RSF | WP | | WP | | WP | | WP | | ACT | - | |
| G4502 | ULTRASOUND | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4503 | WR | RSF | RSF | PT | | PT | | PT | | PT | | GWB | PT | |
| G4504 | STRETCHER | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4505 | TEAM ROOM | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4506 | STRETCHER HOLDING | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4507 | CONTROL | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4508 | CT | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4509 | CT EQUIPMENT | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4510 | LINEN ALCOVE | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4511 | X-RAY | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4512 | CONTROL | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4513 | X-RAY | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4517 | WAITING AREA | RSF | RSF | PT | | PT | | PT | | PT | | ACT | - | |
| G4518 | WR | RSF | RSF | PT | | PT | | PT | | PT | | GWB | PT | |

3 ROOM FINISH SCHEDULE
A802 NTS

PHASING DRAWING GENERAL NOTES AND KEYNOTES

- CONSTRUCTION HOARDING IS SUBJECT TO CHANGE BASED ON COORDINATION WITH SHN IPAC TEAM AND INCORPORATION OF THEIR REQUIREMENTS.
- THE DOWNTIME BETWEEN THE TURNOVER OF PHASE 1 AND THE COMMENCING OF PHASE 2 IS A WEEK.

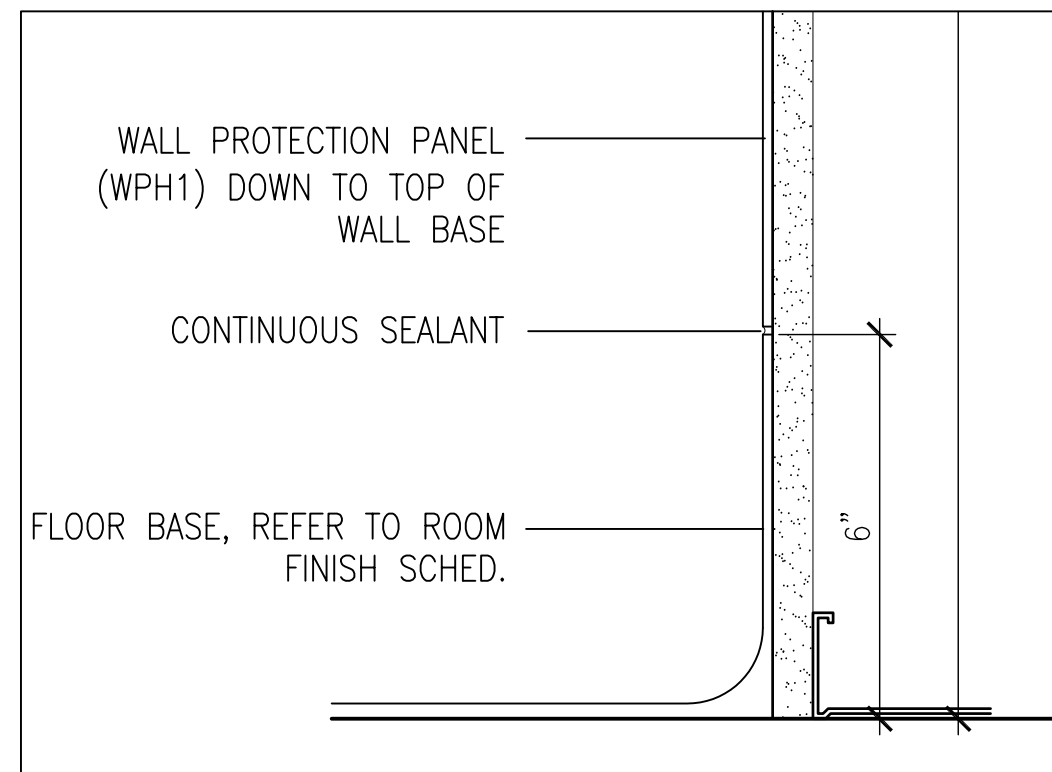
1 A MINIMUM OF 4' CLEARANCE NEEDS TO BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

ROOM FINISH SCHEDULE GENERAL NOTES

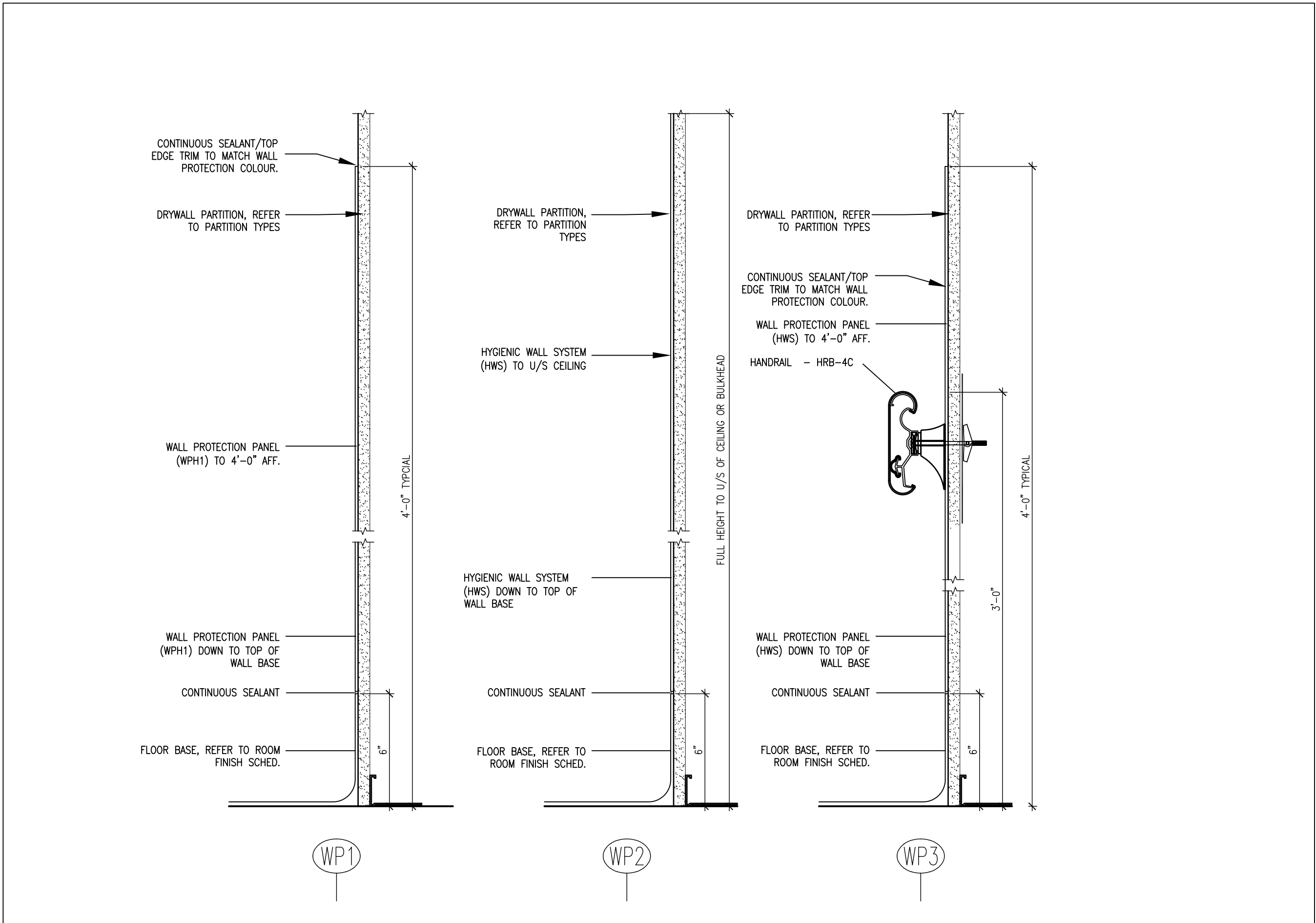
- SCHEDULES TO BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS.
- PROVIDE GYPSUM BOARD BULKHEADS ON METAL FURRING WHERE SHOWN ON DRAWINGS AND AT ALL CHANGES IN CEILING HEIGHT.
- ALL BASES IN CABINET WORK TO BE FINISHED IN BASE MATERIAL USED FOR SURROUNDING FLOOR.
- FREE-STANDING COLUMNS FINISHED SAME AS REMAINDER OF ROOM.
- PAINT ALL EXPOSED MISCELLANEOUS METALS AND SERVICES (E.G. DUCTS, CONDUITS, PIPING ETC.) WHERE CEILINGS AND WALLS ARE SCHEDULED TO BE PAINTED.
- GYPSUM BOARD APPLIED TO CLAY TILE OR CONCRETE MASONRY UNITS SHALL BE INSTALLED ON METAL FURRING.
- EXISTING WALLS SHALL BE CHASED AND OPENINGS CREATED AS REQUIRED TO EXECUTE THE WORK.
- MAKE GOOD ALL MATERIALS AND FINISHES WHERE DISTURBED AND WHERE ALTERATIONS OCCUR. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL EXTENT OF WORK REQUIRED. NOTE THAT MAKING GOOD INCLUDES WORK ASSOCIATED WITH THE INSTALLATION OF SERVICES SHOWN ON DRAWINGS.
- REFER TO SECTION 09 65 00 RESILIENT FLOORING; PREPARE SMOOTH SURFACE VOID OF ANY IRREGULARITIES PRIOR TO THE INSTALLATION OF RESILIENT FLOORING.
- WHERE GWB WALLS RECEIVE EPT FINISH, PROVIDE ABUSE RESISTANT GWB (IN LIEU OF REGULAR GWB)
- ALL BASES TO BE 150mm HIGH.
- HYGIC WALL PANEL SYSTEM (HWPS) - SEE ROOM ELEVATIONS AND PLANS FOR LOCATIONS
- WHERE FLOORING AND BASE SHOW THE SAME MATERIAL PROVIDE AN 150mm INTEGRAL COVERED BASE.

ABBREVIATIONS:

| | |
|------|--------------------------|
| RUB | RUBBER BASE |
| RSF | RESILIENT SHEET FLOORING |
| FAF | FLUID APPLIED FLOORING |
| GWB | GYPSUM WALL BOARD |
| HWPS | HYGIC WALL PANEL SYSTEM |
| PT | PAINT |
| EPT | EPOXY PAINT |
| ACT | ACOUSTIC TILE CEILING |
| BRK | BRICK |



1 TYPICAL BASE DETAIL
A802 SCALE: 3"=1'-0"



2 WALL PROTECTION SYSTEMS
A802 SCALE: 1 1/2"=1'-0"



Stantec Architecture Ltd.
200 - 835 Paramount Drive
Stoney Creek, ON, L8J 0B4
Tel. 905-385-3234
www.stantec.com

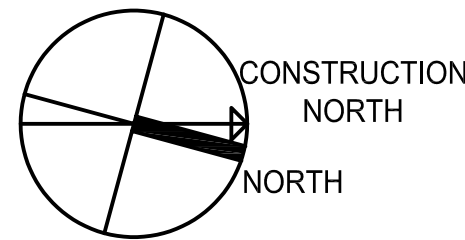
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Consultants

Keyplan

North Arrow



| | | | | |
|-------------|----------------------------|------|-------|----------|
| 2 | ISSUED FOR ADDENDUM 2 | NA | BDM | 25.05.09 |
| 1 | ISSUED FOR ADDENDUM 1 | NA | BDM | 25.05.02 |
| Revision | | By | Appd. | YY.MM.DD |
| 2 | ISSUED FOR TENDER & PERMIT | BDM | BDM | 25.04.07 |
| 1 | ISSUED FOR COSTING | BDM | BDM | 25.01.06 |
| Issued | | By | Appd. | YY.MM.DD |
| File Name: | | Dwn. | Chkd. | Dsgn. |
| Permit-Seal | | | | YY.MM.DD |

Client/Project

SCARBOROUGH HEALTH NETWORK
GENERAL HOSPITAL
SATELLITE IMAGING RENOVATION

3050 Lawrence Ave East, Scarborough, Ontario

Title

FINISH SCHEDULE
WALL PROTECTION
PHASING

Project No.
140023034

Scale

Drawing No.

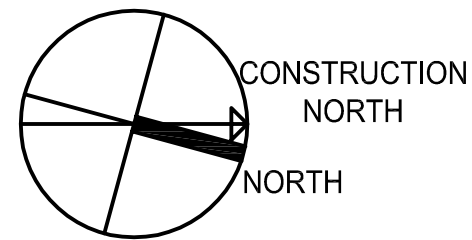
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Revision

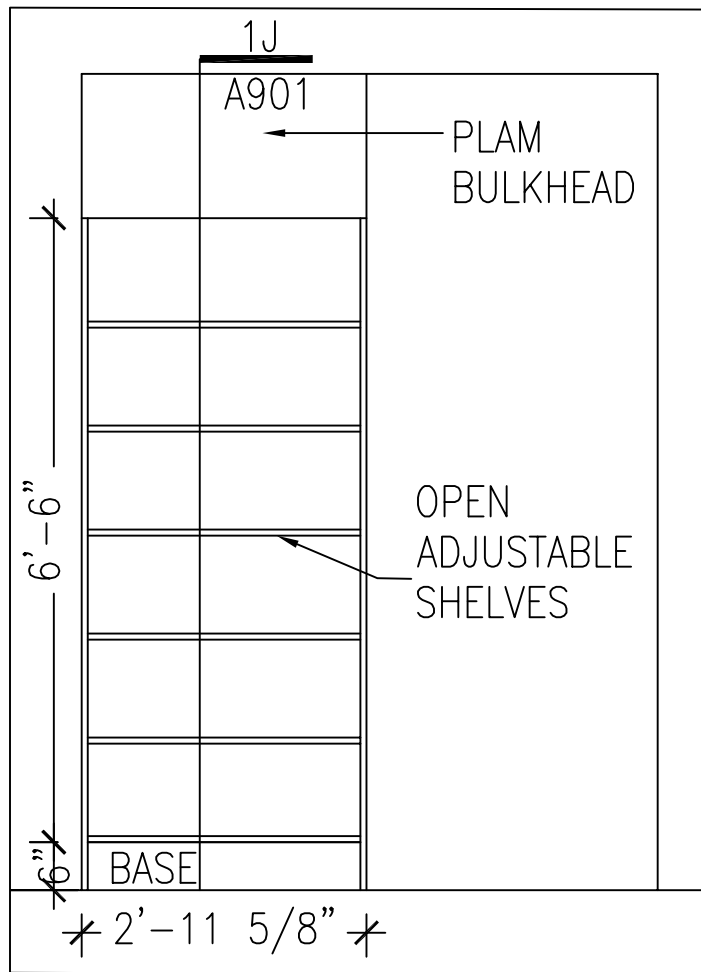
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of

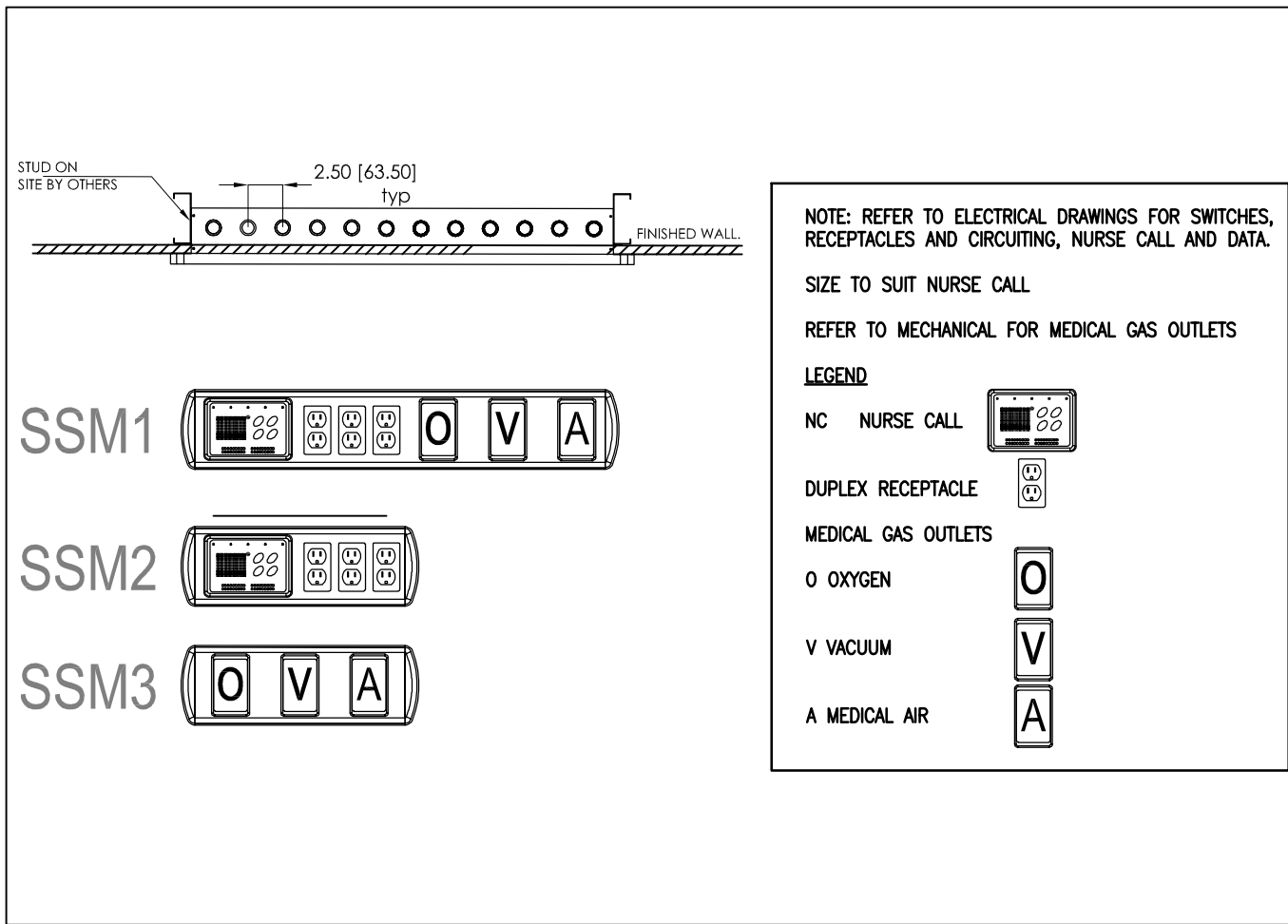
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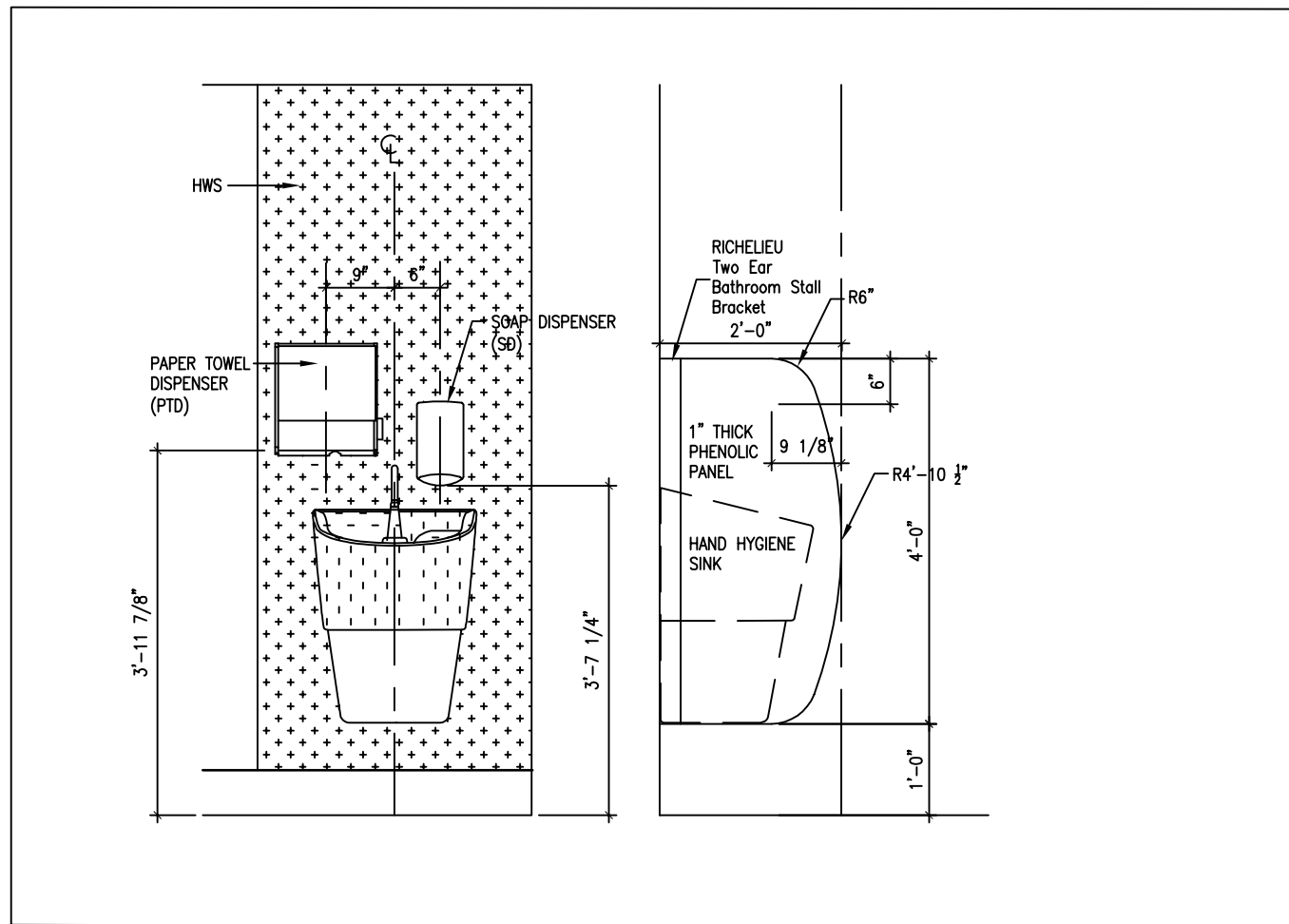
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| 2 | ISSUED FOR ADDENDUM 2 | NA | BDM | 25.05.09 |
| 1 | ISSUED FOR ADDENDUM 1 | NA | BDM | 25.05.02 |
| Revision | | By | Appd. | YY.MM.DD |
| 2 | ISSUED FOR TENDER & PERMIT | BDM | BDM | 25.04.07 |
| 1 | ISSUED FOR COSTING | BDM | BDM | 25.01.06 |
| Issued | | By | Appd. | YY.MM.DD |
| File Name: | | Dwn. | Chkd. | Dsgn. |
| | | | | YY.MM.DD |



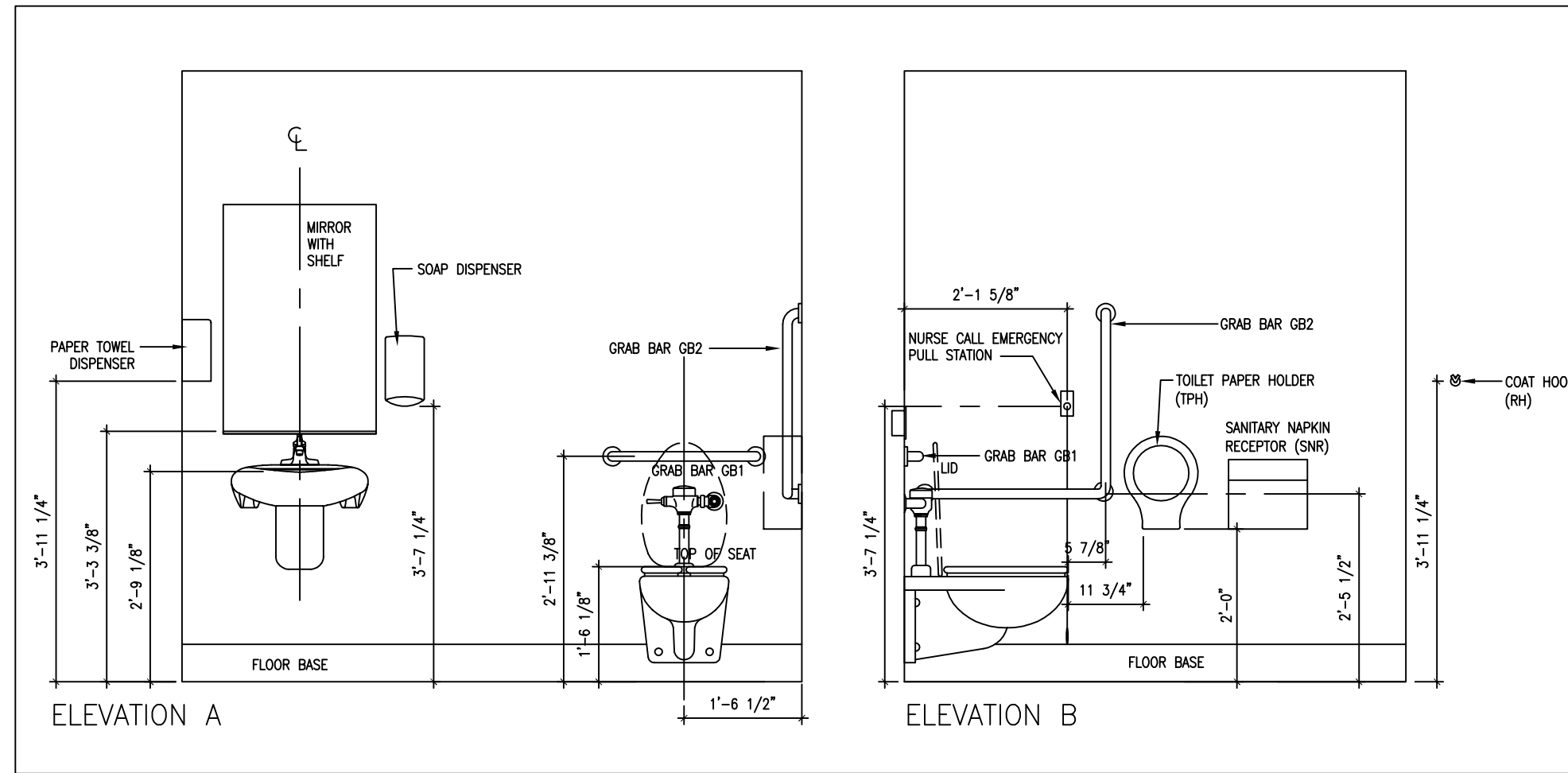
12 GOWN STORAGE
A901 SCALE: 1/2"=1'-0"



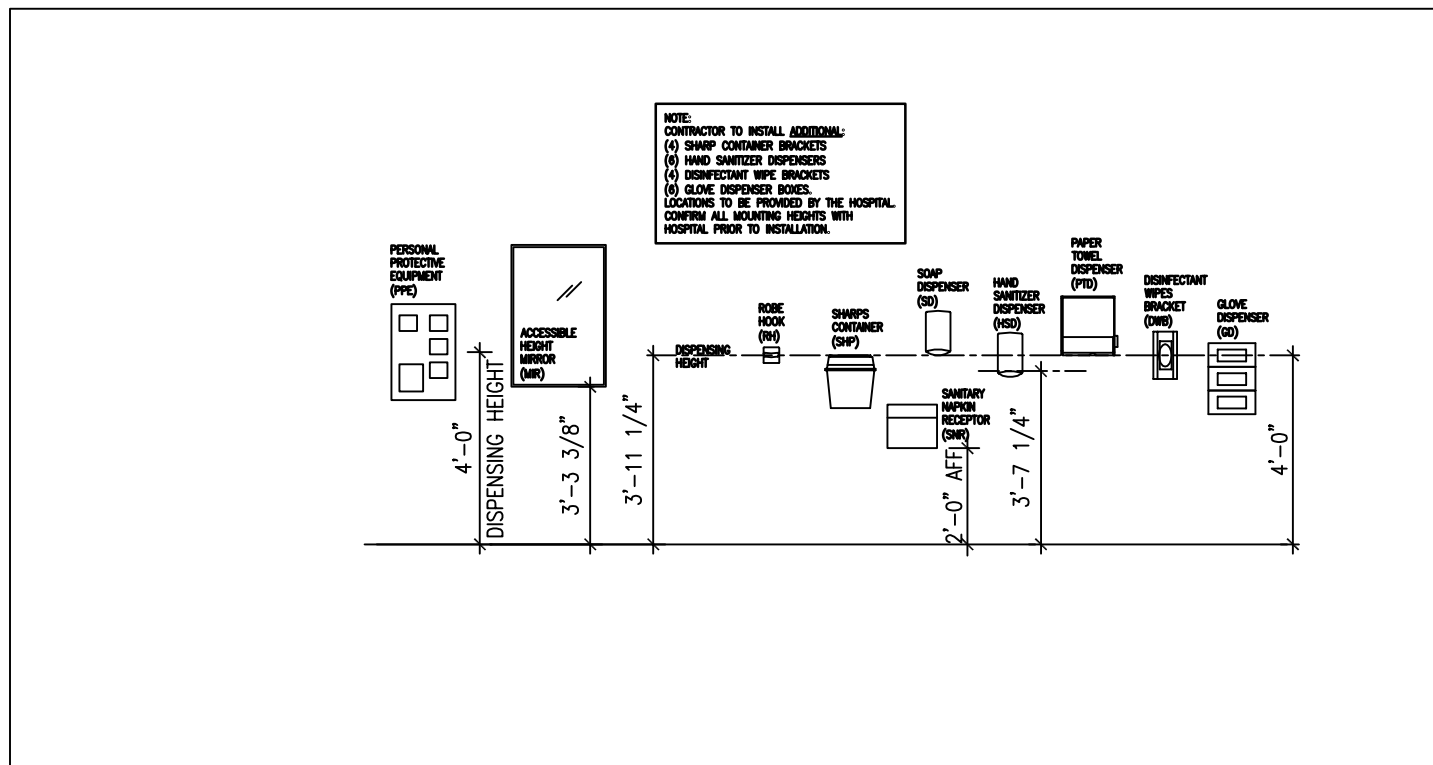
11 SERVICE STRIP MODULES
A901 SCALE: NTS



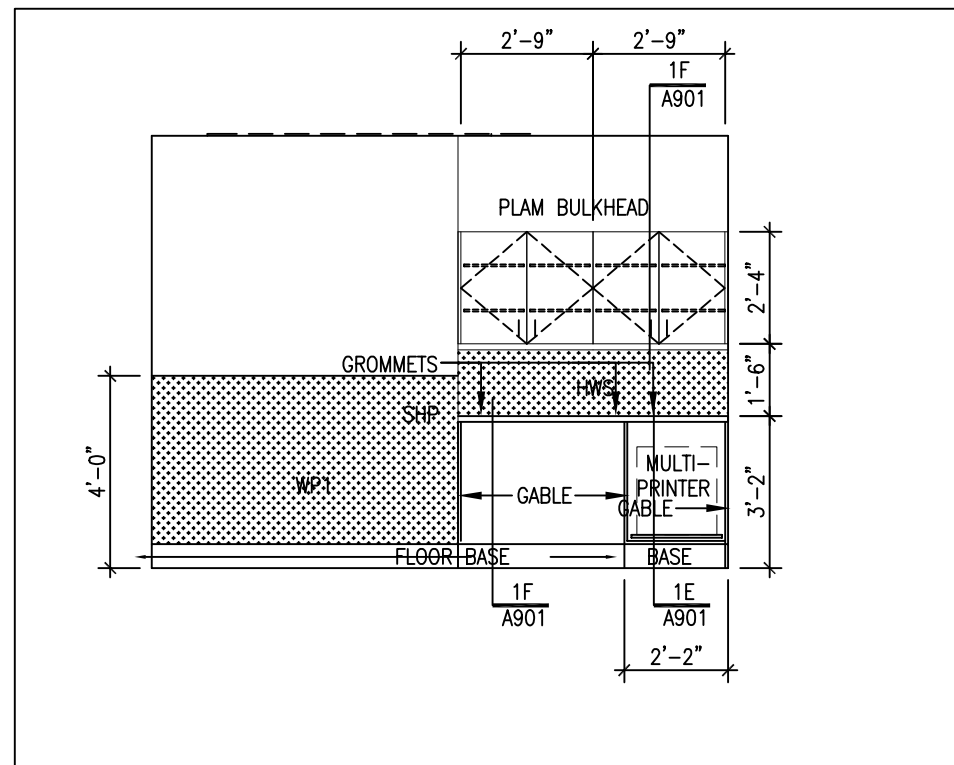
10 TYPICAL HAND HYGENE STATION (HHS) AND SPLASH GUARD
A901 SCALE: 1/2"=1'-0"



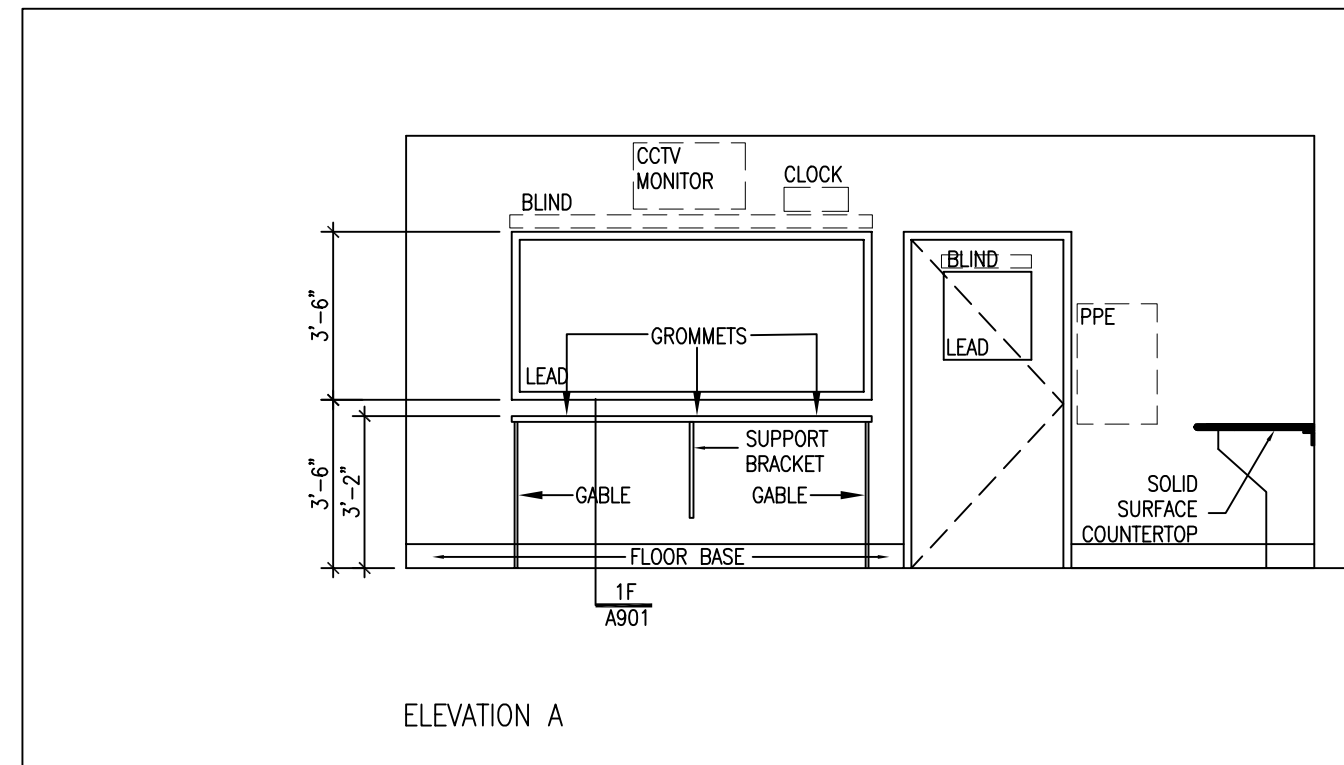
9 BARRIER FREE WASHROOM
A901 SCALE: 1/2"=1'-0"



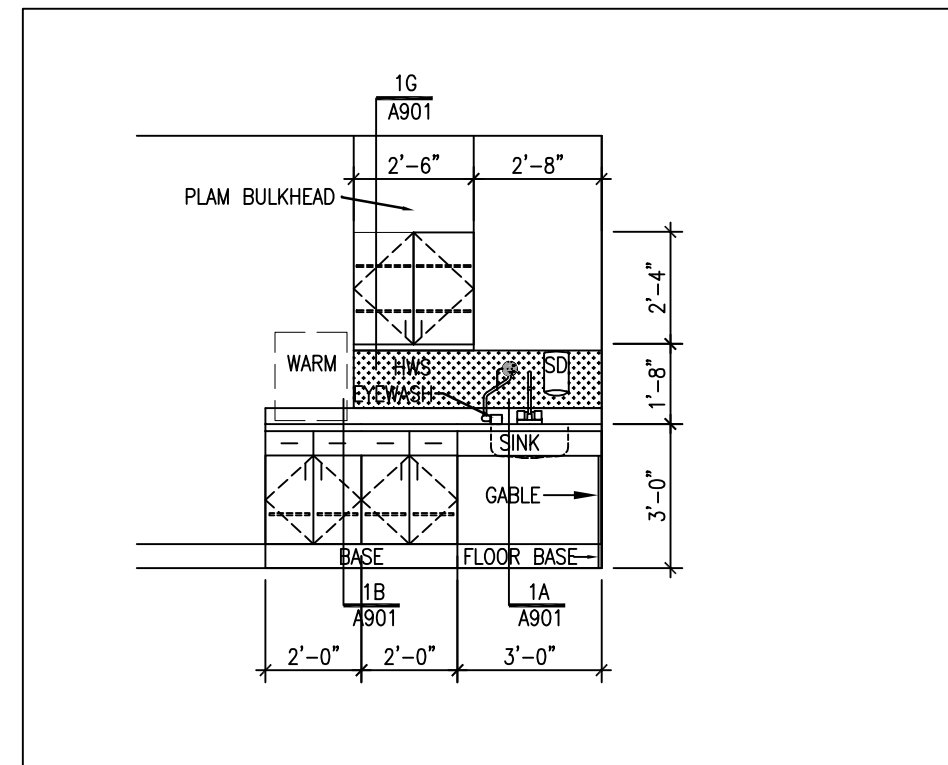
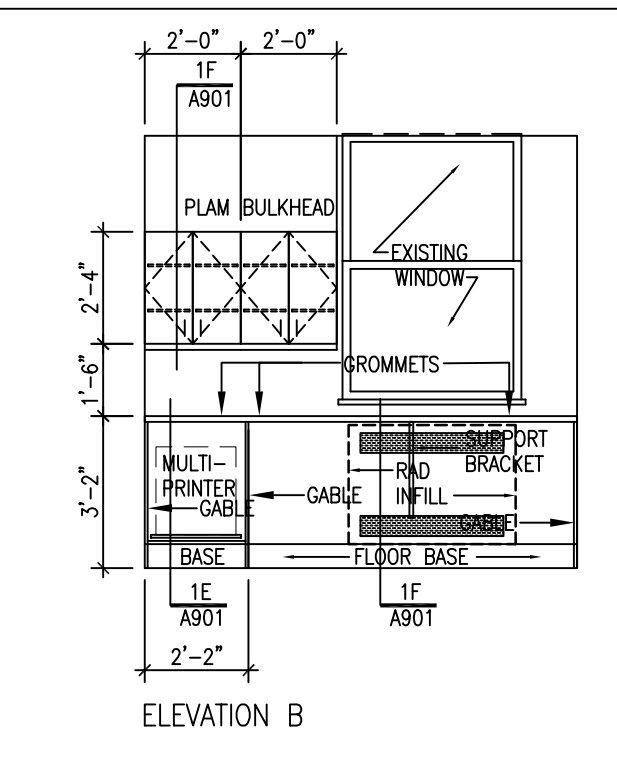
8 TYPICAL ACCESSORY MOUNTING HEIGHTS
A901 SCALE: 1/4"=1'-0"



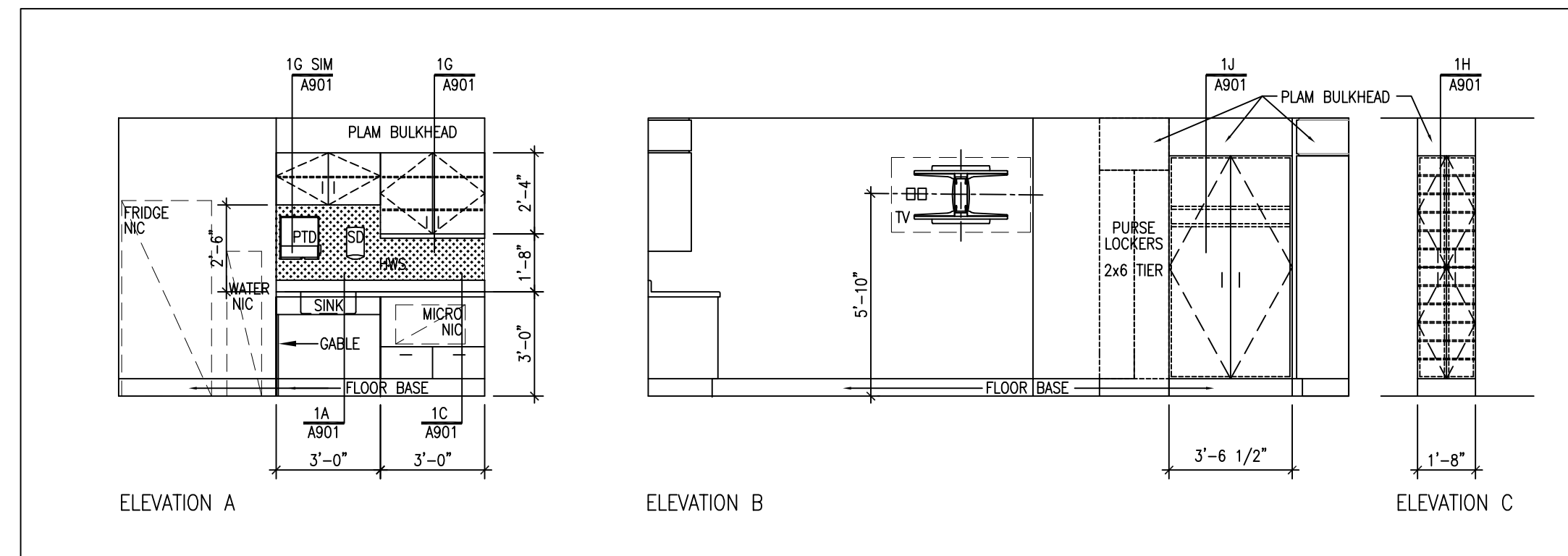
7 G4502 - ULTRASOUND
A901 SCALE: 1/4"=1'-0"



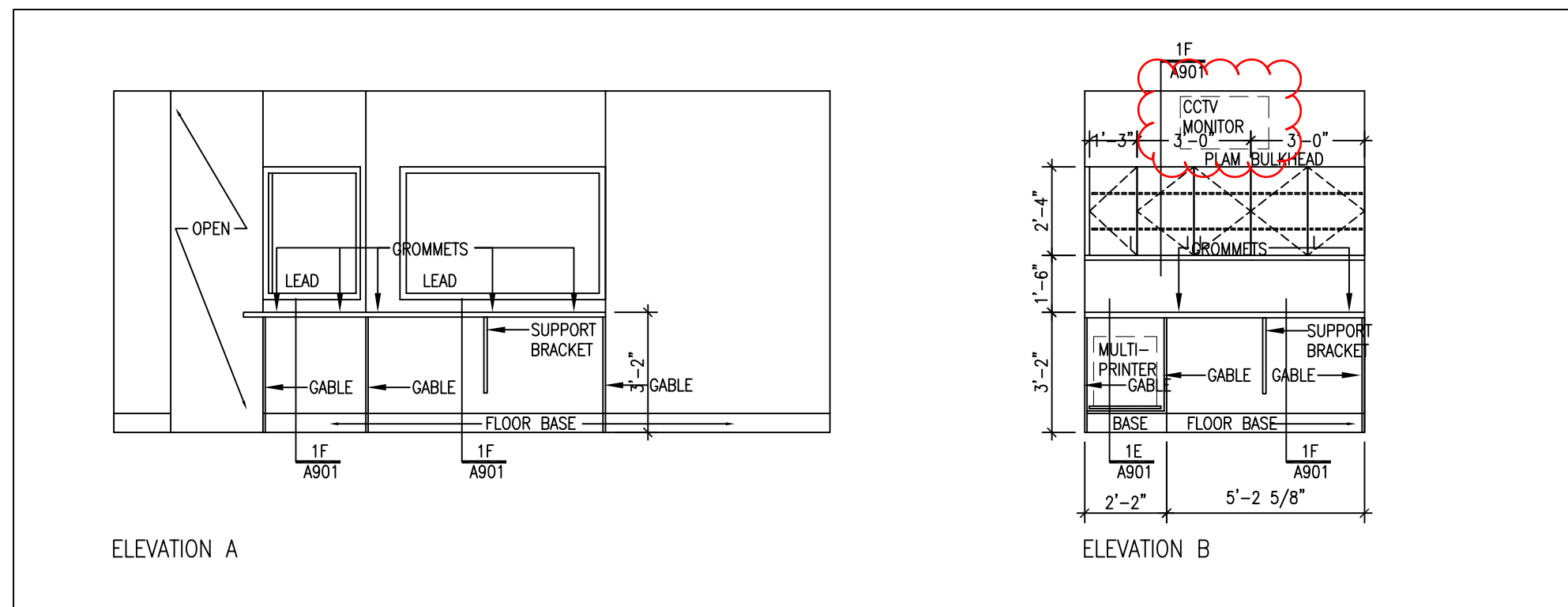
6 G4507 - CONTROL
A901 SCALE: 1/4"=1'-0"



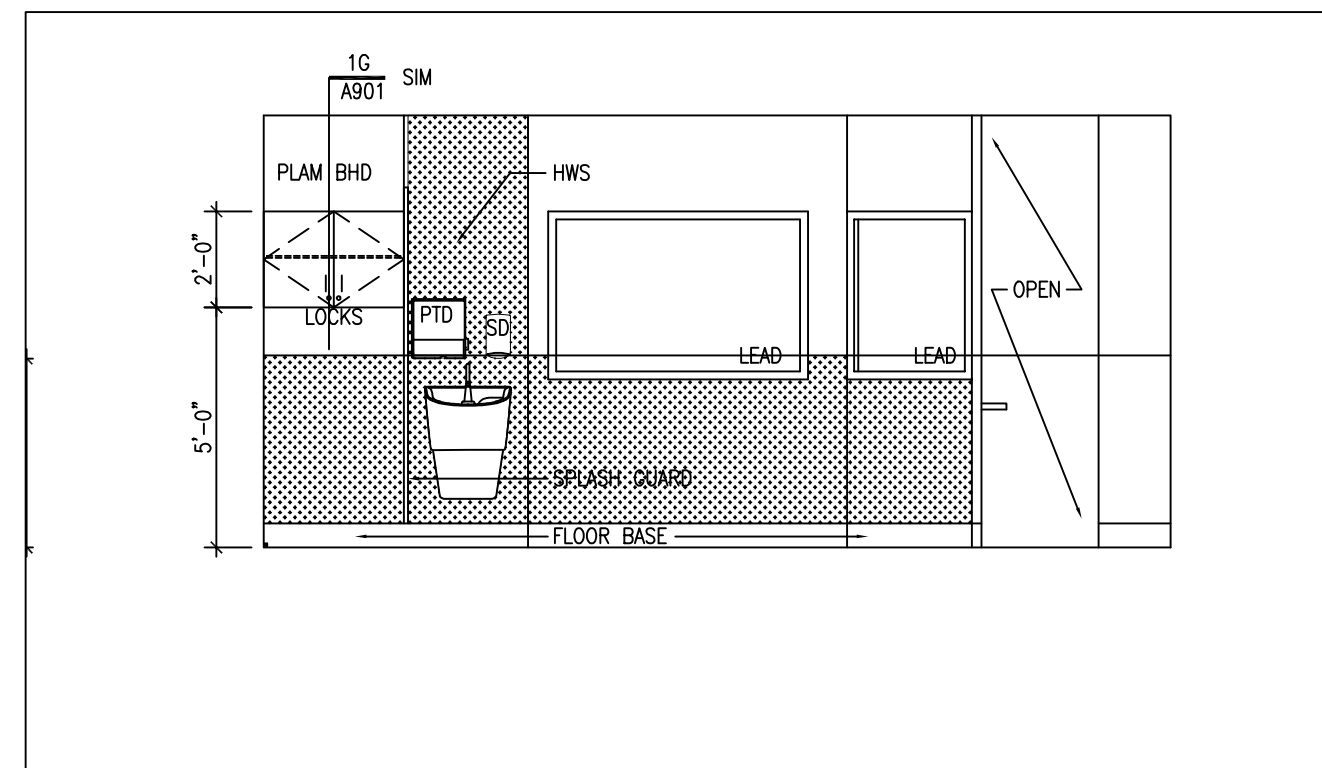
5 G4508 - CT
A901 SCALE: 1/4"=1'-0"



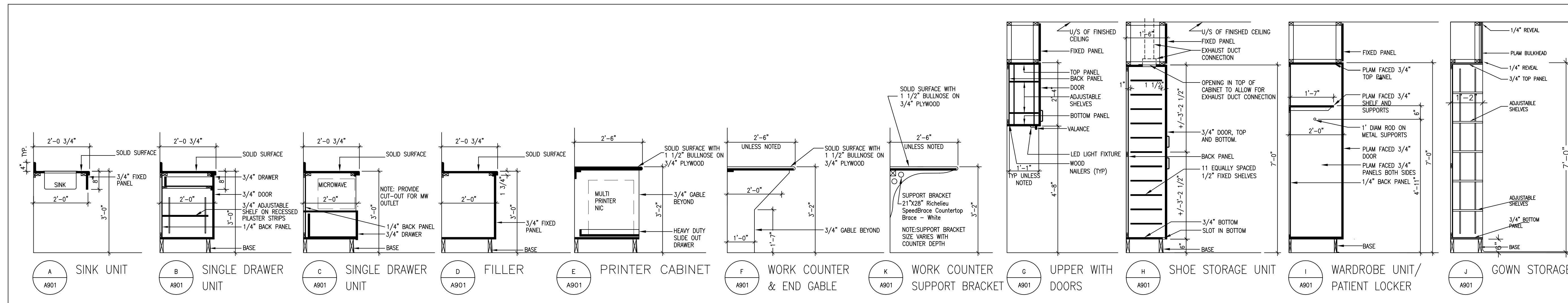
4 G4505 - TEAM ROOM
A901 SCALE: 1/4"=1'-0"



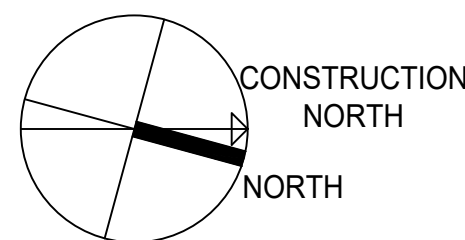
3 G4512 - CONTROL
A901 SCALE: 1/4"=1'-0"



2 G4513 - X-RAY
A901 SCALE: 1/4"=1'-0"



1 CASEWORK/MILLWORK SECTIONS
A901 SCALE: 1/2"=1'-0"



| Revision | | By | Appd. | YY.MM.DD | |
|------------|------------------------------|-------|-------|----------|----------|
| 5 | ISSUED FOR ADDENDUM 2 | MC | IB | 25.05.09 | |
| 4 | ISSUED FOR ADDENDUM 1 | MC | IB | 25.05.02 | |
| 3 | ISSUED FOR TENDER AND PERMIT | MC | IB | 25.04.07 | |
| 2 | ISSUED FOR CLIENT REVIEW | MC | IB | 25.02.21 | |
| 1 | ISSUED FOR CLASS C COSTING | MC | IB | 24.11.27 | |
| Issued | | By | Appd. | YY.MM.DD | |
| File Name: | | VW/MC | IB | 24.09.11 | |
| | | Dwn. | Chkd. | Dsgn. | YY.MM.DD |



**SCARBOROUGH HEALTH NETWORK
GENERAL HOSPITAL**
SATELLITE IMAGING RENOVATION

3050 Lawrence Ave East, Scarborough, Ontario

POWER AND SYSTEMS PLAN - FITOUT

Project No.
140023034

Drawing No.

Scale

N.T.S.

Sheet

Revision

E200

5 of 13

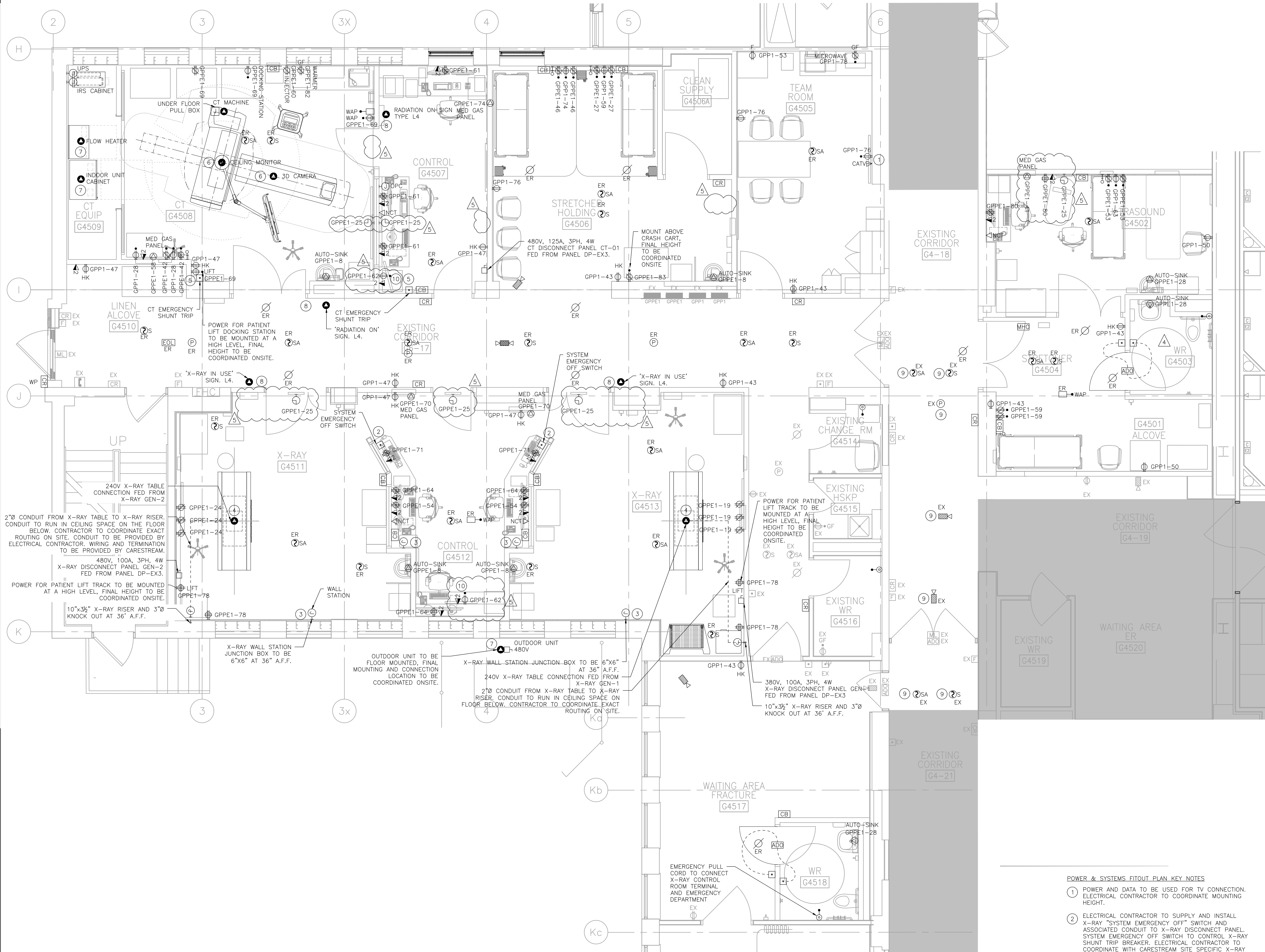
POWER & SYSTEMS FITOUT PLAN GENERAL NOTES

- HATCHED AREAS NOT IN SCOPE.
- PANEL BREAKER NUMBERS ARE FOR LOAD CIRCUITING ONLY. INSTALL CIRCUITS IN THE NEXT OPEN PANEL BOARD BREAKER SPACE.
- PROVIDE CAT6A CABLEING FROM IT RACKS LOCATED IN ROOM G-3822 FOR PATIENT AND STAFF COMMUNICATION DEVICES.
- ELECTRICAL CONTRACTOR TO COORDINATE WITH JCI FOR ANY FIRE ALARM DEVICE RELOCATION AND COORDINATION WITH EXISTING SCARBOROUGH HEALTH NETWORK FIRE ALARM SYSTEM.
- WIRING IN THIS AREA SHALL CONFORM TO CSA-232 AND SECTION 24 OF THE ONTARIO ELECTRICAL SAFETY CODE (OESC). RECEPTACLES SHALL BE HOSPITAL GRADE WITH DEDICATED GROUND AND SHALL BE TESTED IN ACCORDANCE WITH CSA-232. ELECTRICAL CONTRACTOR TO PROVIDE FORCE RETENTION AND VOLTAGE DROP TESTS ON ALL HOSPITAL GRADE RECEPTACLES, AND PASS ALL CSA-232 REQUIREMENTS ALONG WITH THE ELECTRICAL SAFETY AUTHORITY (ESA) INSPECTION REPORT.
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL LABELS ON ALL RECEPTACLES AND SYSTEM FURNITURE FEEDS. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION. REVIEW LABEL SIZE AND TYPE WITH CONSULTANT PRIOR TO INSTALLATION.
- COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR IS TO VERIFY EXACT POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH APPROVED MECHANICAL SHOP DRAWINGS PRIOR TO ROUGH IN.
- ENSURE THAT ALL ELECTRICAL EQUIPMENT SUPPLIED BY OTHERS IS SUITABLE FOR THE RESPECTIVE VOLTAGE.
- ALL EMPTY CONDUITS SHALL BE COMPLETE WITH PULL STRINGS.
- INSPECT AND CLEAN THE INSIDE OF PANELBOARDS AND CABINETS TO ENSURE THAT THEY ARE COMPLETELY FREE FROM DUST AND DEBRIS. REMOVE ALL DEBRIS, SURPLUS MATERIAL, AND TOOLS. ALL REMOVED MATERIAL AND EQUIPMENT NOT USED SHALL BE REMOVED FROM THE SITE.
- THE MAIN INTENT IS TO REUSE EXISTING CIRCUITS WHENEVER POSSIBLE.
- CIRCUIT NUMBERS SHOWN ON THE DRAWING ARE FOR INTENT AND GROUPING PURPOSE ONLY AND WILL NOT REPRESENT THE ACTUAL CIRCUIT AVAILABLE FOR RE-USE. ELECTRICAL CONTRACTOR SHALL CONFIRM CIRCUIT NUMBERS BASED ON SITE CONDITIONS AND ALLOW FOR NEW CIRCUITS AND/OR CIRCUIT BREAKERS AND PANEL UPGRADE OR THE ADDITION OF NEW PANEL IF REQUIRED. ALL CIRCUIT NUMBERS SHALL BE INDICATED ON THE AS-BUILT DRAWINGS. ELECTRICAL CONTRACTOR TO USE PANEL GPP1 FOR NORMAL POWERED DEVICES.
- ELECTRICAL CONTRACTOR WILL SUPPLY, INSTALL AND TERMINATE ALL CONDUITS AND DATA CABLES FOR COMMUNICATION DATA DROPS.
- ELECTRICAL CONTRACTOR WILL SUPPLY AND INSTALL EMPTY CONDUITS AND ROUGH-INS WITH PULL STRING FOR SECURITY SYSTEMS. SECURITY CONTRACTOR SHALL SUPPLY, INSTALL, AND TERMINATE SECURITY SYSTEM CABLES AND DEVICES.
- ALL EMERGENCY PANEL COVERS, RECEPTACLES, AND COVERPLATES SHALL BE RED. NORMAL RECEPTACLES AND COVER PLATES SHALL BE IVORY. LAMACOID PLATES FOR EMERGENCY PANELS SHALL BE RED WITH WHITE FONT AND LAMACOID PLATES FOR NORMAL PANELS SHALL BE WHITE WITH BLACK FONT.
- ELECTRICAL CONTRACTOR TO PROVIDE EMPTY CONDUIT AND ROUGH-INS WITH PULL STRINGS FOR NURSE CALL SYSTEMS AS PER ATEL SPECIFICATIONS. NURSE CALL SECURITY CONTRACTOR SHALL SUPPLY, INSTALL, AND TERMINATE NURSE CALL DEVICES. ALL NEW DEVICES TO BE ATEL RESPONDER S.
- CONTRACTOR TO SUPPLY AND INSTALL WIRING FROM POWER SUPPLY (ON/OFF DISCONNECT SWITCH IN CT CONTROL ROOM) TO CT MACHINE, PULL BOX, INDOOR UNIT CABINET, AND FLOW HEATER. ALL FIVE (5) WIRES/CONDUCTORS MUST BE OF EQUAL SIZE AND THE SAFETY GROUND MUST BE ISOLATED.
- ALL NON-SIEMENS EQUIPMENT SHALL BE GROUNDED SEPARATELY.
- CONTRACTOR TO COORDINATE AUTO-SINK CONNECTION TYPE (HARDWARE VS PLUG IN) WITH SHOP DRAWINGS
- CONTRACTOR TO INCLUDE FOR VERIFYING, TESTING, AND DOCUMENTING ALL INTERCONNECTIONS BETWEEN SYSTEMS PROVIDED FOR FIRE PROTECTION AND LIFE SAFETY FUNCTIONS ARE INSTALLED AND OPERATING IN CONFORMANCE WITH THE DESIGN CRITERIA. THIS IS END TO END TESTING PER CODE REQUIREMENTS UNDER "CAN/ULC-S1001 - STANDARD FOR INTEGRATED SYSTEMS TESTING OF FIRE PROTECTION AND LIFE SAFETY SYSTEMS".
- CLOCKS TO BE PRIMEX TIME SYSTEM, HARDWIRED, DIGITAL, 6 DIGIT SURFACE MOUNTED, AUTOSYNCH. CLOCKS TO BE CONNECTED TO EXISTING SYSTEM.

POWER & SYSTEMS FITOUT PLAN KEY NOTES

- POWER AND DATA TO BE USED FOR TV CONNECTION. ELECTRICAL CONTRACTOR TO COORDINATE MOUNTING HEIGHT.
- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL X-RAY SYSTEM EMERGENCY OFF SWITCH AND ASSOCIATED CONDUIT TO X-RAY DISCONNECT PANEL. SYSTEM EMERGENCY OFF SWITCH TO CONTROL X-RAY SHUNT TRIP BREAKER. ELECTRICAL CONTRACTOR TO COORDINATE WITH CARESTREAM SITE SPECIFIC X-RAY SHOP DRAWINGS.
- X-RAY FLUSH BOXES TO BE RECESSED INTO WALL. ELECTRICAL CONTRACTOR TO COORDINATE WIRE SIZES, CONDUIT SIZE, MOUNTING HEIGHT, AND ROUTING WITH CARESTREAM SITE SPECIFIC X-RAY SHOP DRAWINGS.
- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ASSOCIATED CONDUIT FROM X-RAY DISCONNECT PANEL TO X-RAY TABLE. REFER TO E305, ELECTRICAL CONTRACTOR TO COORDINATE WITH APPROVED X-RAY SHOP DRAWINGS AND STRUCTURAL DRAWINGS. WIRING AND TERMINATION TO BE PROVIDED BY CARESTREAM.
- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL EMERGENCY OFF SWITCH FOR CT MACHINE. EMERGENCY OFF SWITCH TO BE EQUIPPED WITH A HINGED PLASTIC CLEAR COVER. EMERGENCY SWITCH TO ALSO SWITCH OFF UPS IN CASE OF EMERGENCY. EMERGENCY OFF SWITCH TO CONTROL CT SHUNT TRIP BREAKER.

- CABLEING FOR CEILING MONITOR AND 3D CAMERA TO BE FED THROUGH CT CEILING SUPPORTS. ELECTRICAL CONTRACTOR TO COORDINATE EXACT LOCATION WITH SIEMENS AND STRUCTURAL ENGINEER. REFER TO E304 AND E305 FOR CT SIEMENS WIRING DETAILS. WIRING AND TERMINATION TO BE PROVIDED BY SIEMENS.
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT FOR CABLEING BETWEEN INDOOR UNIT CABINET AND CT MACHINE PULL BOX, AND FOR CABLEING BETWEEN FLOW HEATER AND OUTDOOR UNIT DISCONNECT. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ROUTING WITH SIEMENS AND OTHER TRADES. REFER TO E304 AND E305 FOR SIEMENS CT WIRING DETAILS. WIRING AND TERMINATION TO BE PROVIDED BY SIEMENS.
- "RADIATION ON"/"X-RAY ON" SIGN TO BE WIRED AND CONNECTED BY ELECTRICAL CONTRACTOR TO CT/X-RAY SYSTEM. SIGN VERBIAGE TO BE COORDINATED AND CONFIRMED WITH SHN AND ARCHITECT.
- CEILING TO BE REMOVED AND RE-INSTALLED. DEVICES TO REMAIN ACTIVE DURING CONSTRUCTION AND TO BE RE-INSTALLED IN EXISTING LOCATION.
- POWER AND DATA TO BE USED FOR CCTV MONITOR. ELECTRICAL CONTRACTOR TO COORDINATE MOUNTING HEIGHT.



1 POWER & SYSTEMS PLAN - FITOUT
E200 1:50

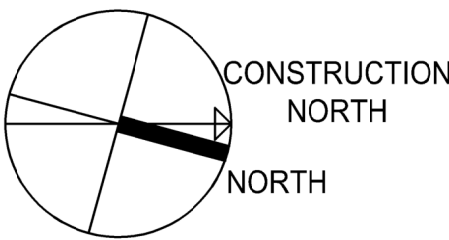
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Consultants



North Arrow



| Revision | By | Appd. | YY.MM.DD |
|------------|------------------------------|-------|----------------------|
| 5 | ISSUED FOR ADDENDUM 2 | MC | IB 25.05.09 |
| 4 | ISSUED FOR ADDENDUM 1 | MC | IB 25.05.02 |
| 3 | ISSUED FOR TENDER AND PERMIT | MC | IB 25.04.07 |
| 2 | ISSUED FOR CLIENT REVIEW | MC | IB 25.02.21 |
| 1 | ISSUED FOR CLASS C COSTING | MC | IB 24.11.27 |
| Issued | | By | Appd. YY.MM.DD |
| File Name: | | VW/MC | IB VW/MC 24.09.11 |
| | | Dwn. | Chkd. Dsgn. YY.MM.DD |

Permit-Seal



Client/Project

**SCARBOROUGH HEALTH NETWORK
GENERAL HOSPITAL
SATELLITE IMAGING RENOVATION**

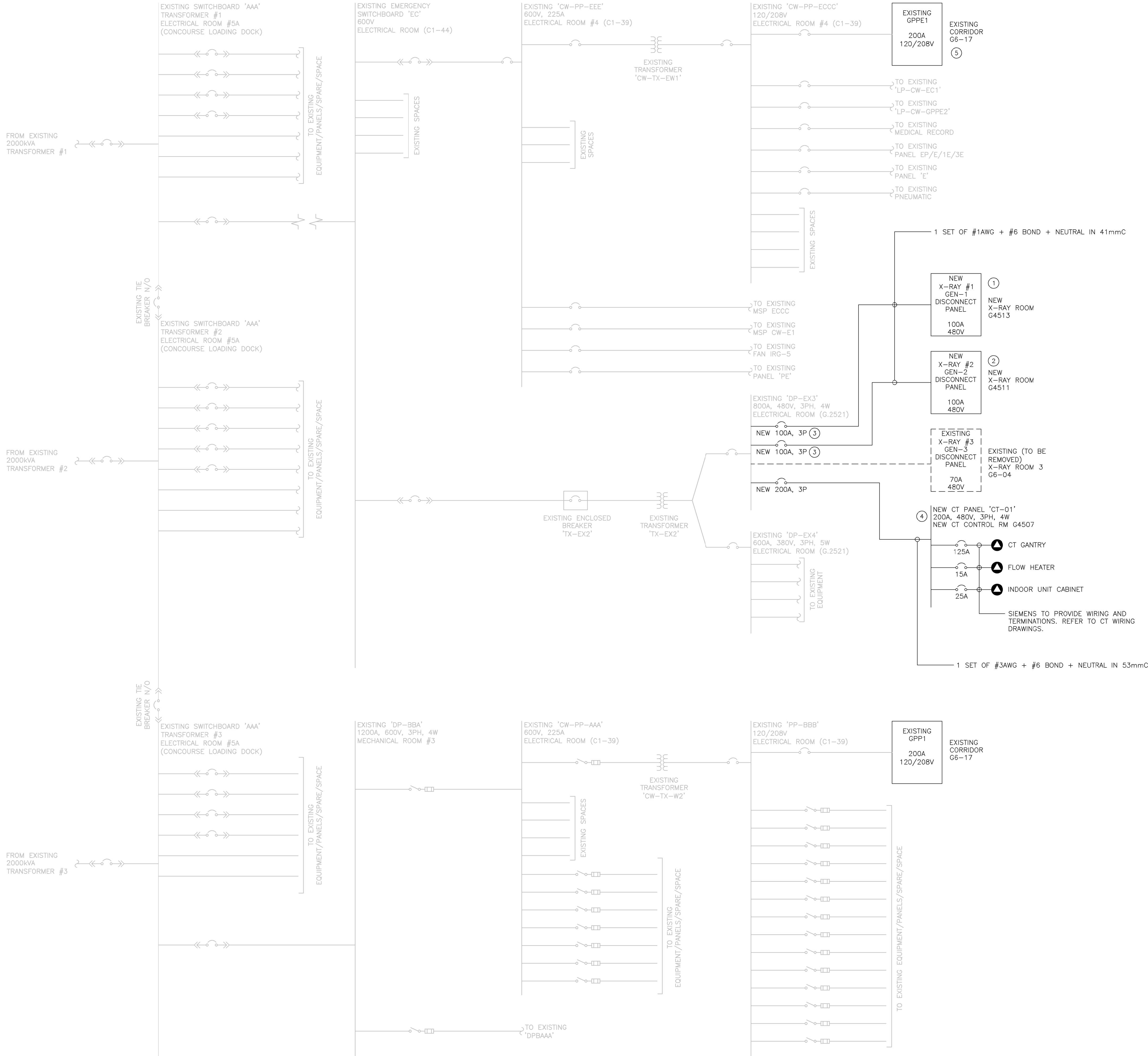
3050 Lawrence Ave East, Scarborough, Ontario

Title
PARTIAL SINGLE LINE DIAGRAM

| | | |
|--------------------------|-----------------|----------|
| Project No. 140023034 | Scale N.T.S. | Revision |
| Drawing No. | Sheet | Revision |

E301

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LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- NEW/PART OF SCOPE OF WORK

PARTIAL SINGLE LINE DIAGRAM GENERAL NOTES

- NOT ALL EXISTING EQUIPMENT, CONDUITS, WIRES, AND BREAKERS ARE SHOWN.
- ALL WIRES FED FROM EMERGENCY PANELS TO BE 2HR FIRE RATED.


PARTIAL SINGLE LINE KEY NOTES

- REMOVE AND REPLACE EXISTING X-RAY GEN-1 DISCONNECT PANEL WITH NEW 100A DISCONNECT PANEL FOR NEW X-RAY MACHINE. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED CARESTREAM X-RAY SHOP DRAWINGS.
- REMOVE AND REPLACE EXISTING X-RAY GEN-2 DISCONNECT PANEL WITH NEW 100A DISCONNECT PANEL FOR NEW X-RAY MACHINE. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED CARESTREAM X-RAY SHOP DRAWINGS.
- SHUNT TRIP BREAKER TO BE PROVIDED AND CONTROLLED BY DEDICATED EMERGENCY OFF SWITCH. REFER TO E200 FOR EMERGENCY OFF SWITCH LOCATION.
- NEW CT PANEL. CONTRACTOR TO DISCONNECT EXISTING CT PANEL AND INSTALL NEW CT DISCONNECT PANEL FED FROM DP-EX3. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED SIEMENS CT SHOP DRAWINGS.

5 NOT USED

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Keyplan 

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SCARBOROUGH HEALTH NETWORK
GENERAL HOSPITAL
SATELLITE IMAGING RENOVATION
3050 Lawrence Ave East, Scarborough, Ontario

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| | Revision |

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CB Legend (blank = circuit breaker):
G = GFCI S = Shunt Trip D = Switching Duty A = AFCI H = HID Rated C = HACR Rated † = Existing Circuit ‡ = Revised Circuit

1 GPPE1 PANEL SCHEDULE
E303 N.T.S.



| | |
|------|----------------------|
| 2 | EXISTING PANEL GPPE1 |
| E303 | N.T.S. |

CB Legend (blank = circuit breaker):
G - GECI, S - Shunt Trip, D - Switching Duty, A - AECI, H - HID Rated, C - HACR Rated, + - Existing Circuit, * - Proposed Circuit

3 GPP1 PANEL SCHEDULE
E303 N.T.S.



| | |
|------|---------------------|
| 4 | EXISTING PANEL GPP1 |
| E303 | N.T.S. |