

The bid requirements, contract requirements, specifications, schedules and drawings for

**TEHN – Michael Garron Hospital  
Outpatient Ophthalmology Clinic**

are amended as follows:

**SPECIFICATIONS**

**1.1 REVISED SPECIFICATIONS**

- .1 The following revised specifications issued with this addendum supersede previously issued specifications of the same title and number
  - .1 Section No. 00 01 10\_R2, Table of Contents.
  - .2 Section No. 01 00 00\_R2, General Requirements
  - .3 Section No. 09 06 00\_R3, Finishes Schedule.

**1.2 NEW SPECIFICATIONS**

- .1 Add the following new specifications issued with this Addendum.
  - .1 Section No. 08 71 00\_01, Hardware Schedule

**DRAWINGS**

**1.3 REVISED DRAWINGS**

- .1 The following Drawings are revised and re-issued with this addendum. Revisions are shown in bubbled areas on drawings. The following descriptions of revisions are for convenience only and do not define or limit the extent of actual revisions indicated on drawings:
  - .1 Drawing A03-01: Mounting Heights
    - .1 Revised cove base height
  - .2 Drawing A05-01: Door & Frame Schedule
    - .1 Updated Door & Frame Schedule as indicated
  - .3 Drawing A75-01: Millwork
    - .1 Updated millwork details as indicated on drawing

**1.4 NEW DRAWINGS**

- .1 The following new drawings are added with this addendum:
  - .1 Drawing A20-03 – Level 1 Demolition Reflected Ceiling Plan
  - .2 Drawing S01-01 – General Notes

- .3 Drawing S02-01 – Typical Details
- .4 Drawing S20-01 – Third Floor Framing plan – Proposed Work

End of Addendum No.2

Number	Title	Date	Pages
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**Project Manual  
For  
Michael Garron Hospital  
Outpatient Ophthalmology Clinic**

**SPECIFICATIONS**

**Division 00 – Procurement and Contracting Requirements**

	Title Page		1
00 01 10_R42	Table of Contents	18-21 Nov 2025	2
00 73 00	Supplementary General Conditions		56

**Division 01 - General Requirements**

01 00 00_R42	General Requirements	18-21 Nov 2025	21
01 25 13	Product Substitution Procedures	05 Nov 2025	4
01 35 33	Infection Control Procedures	05 Nov 2025	2
---	CSA Z313.13 Tables		4

**Division 02 – Existing Conditions**

02 41 19	Selective Demolition	05 Nov 2025	5
02 82 00	Asbestos Abatement – Type 2 Operations		11

**Division 05 - Metals**

05 50 00	Metal Fabrications	05 Nov 2025	8
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**Division 06 – Wood, Plastics and Composites**

06 10 00	Rough Carpentry	05 Nov 2025	3
06 20 00	Finish Carpentry	05 Nov 2025	11

**Division 07 - Thermal and Moisture Protection**

07 84 00	Firestopping And Smoke Seals	05 Nov 2025	5
07 92 00	Joint Sealants	05 Nov 2025	8

**Division 08 - Openings**

08 11 13	Hollow Metal Doors and Frames	05 Nov 2025	7
08 71 00	Hardware	05 Nov 2025	9
	<b>Door Hardware Schedule</b>	<b>19 Nov 2025</b>	<b>25</b>
08 80 00	Glazing	05 Nov 2025	6

**Division 09 – Finishes**

09 06 00_R23	Finishes Schedule	18-20 Nov 2025	912
09 21 16	Gypsum Board Assemblies	05 Nov 2025	11
09 51 00	Acoustical Ceilings	05 Nov 2025	3
09 65 00	Resilient Flooring	05 Nov 2025	6

Number	Title	Date	Pages
09 91 00	Painting	05 Nov 2025	9
<b>Division 10 – Specialties</b>			
10 26 23	Protective Wall Covering	05 Nov 2025	4
10 28 00	Washroom Accessories	05 Nov 2025	4
<b>Division 12 - Furnishings</b>			
12 24 13	Manual Roller Shades	18 Nov 2025	2
12 35 53	Stainless Steel Laboratory Casework	05 Nov 2025	13
<b>Appendices</b>			
Appendix A1	Designated Substances and Hazardous Materials Survey Report	22 Aug 2025	36
Appendix A2	Medicana Flexelux-80 Exam and Procedure Lights		1
Appendix A3	Dual Ceiling Mounting plate		1
Appendix A4	MGH Network Cabling & Network Closet Standards and Guidelines	Oct 2025	10
Appendix A5	Construction Criteria		4

End of Table of Contents

## 1 SUMMARY OF WORK

### 1.1 Work covered under this Contract

- .1 Work of this Contract includes labour, materials, equipment, services and other related expenses to execute complete construction of facility specified under Contract Documents.
- .2 It is the Contractor's sole responsibility to examine the Construction Documents, Specifications and Drawings issued to establish/determine total scope of work.
- .3 In accepting award of this Contract, Contractor hereby reaffirms that it is fully informed regarding all conditions affecting Work including its company's provincial taxes are in good standing and further accepts to complete Work for purpose intended in accordance with Contract Documents. Contractor hereby reaffirms that it does not and will not have any conflict of interest in executing work of this Contract.

### 1.2 Work Provided By Owner or Performed Under Separate Contracts

- .1 The term "NIC" means that work of this Project which is not being performed or provided by the Contract; the term means "Not In This Contract" or "Not a Part of The Work to be Performed or Provided by The Contractor".
- .2 "NIC" work is specified and/or indicated on the Drawings as an aid to the Contractor in scheduling the amount of time and materials necessary for the completion of the Contract.

### 1.3 MGH Mandatory Vendors

- .1 Access Control: A1 Security Systems **Design and Lock**,  
Attention: Robert Young, T. (647) 558-3473 **(416) 562-6173**  
Email: [a1design@rogers.com](mailto:a1design@rogers.com)
- .2 CCTV Systems: Chubb Edwards  
Attention: Stephen Yates, T. (289) 818-1162  
Email: [stephen.yates@chubbfs.com](mailto:stephen.yates@chubbfs.com)

### 1.4 Mandatory Base Building Vendors:

- .1 Building Controls System  
Attention: Matthew Sidon, T. (905) 580-4016,  
Email: [msidon@viridianautomation.com](mailto:msidon@viridianautomation.com)
- .2 Base Building Service Provider: Naylor Mechanical  
Attention: Allan Landry, T. (416) 881-6645  
Email: [alandry@naylorbp.com](mailto:alandry@naylorbp.com)

## 2 SPECIFICATIONS

- 2.1 Specifications are not intended as detailed description of installation methods but serve to indicate particular requirements in completed Work.
- 2.2 Where Contract Documents do not provide sufficient information for complete installation of item, then as supplement, comply with manufacturer's written instructions for quality of work.

- 2.3 Portions of Specifications are written in short form. Therefore, it shall be understood that where item of Work is stated in heading followed by material, equipment, component, or operation, words "shall be", "shall consist of" or similar words or phrases are implied which denote supply, fabricate and supply, install, provide or commission of such materials, equipment or operations for component of Work designated by heading.
- 2.4 Where the Contract Documents refer to the singular, provide as many as required to complete Work. Words used in one gender only shall mean females and as well as males and conversely.
- 2.5 Drawings, Lists or Schedules of Items are intended to show scope and arrangement of work. For location of item described refer to such Drawings, Lists or Schedules unless location stipulated in Specifications.
- 2.6 Wherever words "acceptable", "approved", "reviewed", "satisfactory", "selected", "directed", "designated", "permitted", "inspected", "instructed", "clarification", "required", "report", "submit", "obtain", "consult", "advise", or similar words or phrases are used in Standards or in Contract Documents, it shall be understood that, unless context provides otherwise words "by/to/with/from the Consultant" shall follow them as applicable.
- 3 **DIVISION OF WORK**
- 3.1 Work specified in the Specifications is divided into Sections for reference purposes only. Division of work between Contractor and Subcontractors is the Contractor's responsibility. The Owner and Consultant assume no responsibility to act as an arbitrator to establish subcontract limits between Sections or Divisions of the Work.
- 4 **REFERENCE STANDARDS**
- 4.1 Conform to latest date of issue of referenced standards in effect on date of submission of bids, except where a specific date or issue is specifically noted.
- 5 **WORK RESTRICTIONS**
- 5.1 Owner's Policy and Procedural Requirements
- .1 Comply with the Owner's policies and procedural requirements prescribed in NWH Construction Criteria, included in the appendix to these specifications, including, but not limited to, personal conduct and behaviour, tenant privacy, facility security, mechanical/electrical system interruptions, and work scheduling.
- .2 Conduct all work in accordance with the most current version of CAN/CSA-Z317.13.
- .3 All building materials and supplies must be in compliance with CSA Z8000 and MIFU, governing IPAC measures incorporated into the design and construction of a health care facility or any part thereof.
- .4 As determined by the Owner's policies, immediately correct all unsafe conditions that are identified within the active facility that are a result of, or related to, the construction work activities.
- 5.2 Occupancy
- .1 Existing premises outside of the Area of Work will remain occupied and fully operational throughout construction. Contractor to provide a detailed Work Plan to Landlord/Property

Manager for review and approval prior to commencing any Work. Execute the Work to cause minimum interference with ongoing operations and maintain maximum safety for all occupants. Provide necessary precautions and adequate hoardings to minimize and control noise, dirt and dust during Work.

- .1 Provide a methodology for phasing and staging of the Work, including identification of required safety measures and emergency egress routes for occupants during construction.
- .2 Before entering any existing premises to execute the Work, or before obstructing, altering, or taking out of service any area or building systems, request a meeting with the Consultant and Property Management to reach agreement on the timing, duration, and extent of required interruptions.
- .3 Contractor access to other suites and public corridors, including occupied Tenant areas on the ground floor (e.g., retail Pharmacy, Eyeglass Store), shall be coordinated through the Landlord (Northwest Healthcare Properties REIT) with a minimum of five (5) days' notice.
- .4 All such Work shall occur after normal business hours, limited to 7:30 p.m. to 6:00 a.m., Monday to Sunday. After-hours Security will be provided by Property Management (paid by MGH) for all Work within occupied Tenant spaces.
- .5 Contractor to provide and maintain adequate construction hoardings and dust-control measures in accordance with CSA guidelines to safely isolate construction areas from occupied areas at all times. Hoardings shall consist of 6-mil fire-retardant polyethylene barriers extending to the underside of the structure.
- .6 At the end of each shift, reinstate ceilings, remove temporary hoardings (where required), and leave all areas tidy, free of materials and equipment, and dust-free to allow uninterrupted Tenant operations.
- .7 The business schedules of other Tenants shall take precedence over Contractor convenience. Delivery times and access windows may be altered at the Tenant's discretion without prior notice to the Contractor.
- .8 The Building contains only one passenger elevator. All material deliveries shall be coordinated after-hours. A 7:00 a.m. to 8:00 a.m. delivery window may be arranged with the Landlord. Use of the exit stairwell by workers and for materials transport is permitted.
- .9 Under no circumstances shall the Contractor exceed the elevator's rated load capacity. The Contractor shall supervise all elevator use for construction purposes. Subcontractors shall not use the elevator for material movement without direct oversight by the Contractor's designated site supervisor.
- .10 The existing passenger elevator shall be fully protected by the Contractor prior to transporting any materials, equipment, or tools. Provide a complete elevator protection hoarding system including, but not limited to: rigid wall protection panels, floor protection rated for rolling loads, overhead protection, and door jamb shielding. Protection materials shall be non-combustible, securely fastened, and shall not reduce required clearances for safe operation of the elevator.
- .11 Contractor is prohibited from transporting debris or dusty materials in the passenger elevator during normal business hours. All debris must be transported in sealed containers or securely wrapped to prevent dust escape. Remove all waste from the site daily. Stockpiling demolition debris within the building or in public corridors is strictly prohibited.

- .12 Protect all surfaces along delivery routes, including floor mats, wall guards, corner guards, and elevator pads. Repair damage to Landlord or Tenant property at the Contractor's expense.
- .13 The Building does not have a loading dock. Provide suitable floor and wall protection for all materials delivered through public corridors, including protection of existing carpet.
- .14 All disruptive or noisy work (including but not limited to core drilling, cutting, hammering, heavy demolition) shall occur after business hours only, limited to 8:00pm - 6:00am Monday to Sunday. If excessive disruptions occur, the Landlord/Property Manager may direct the Contractor to immediately halt Work at no additional cost to MGH.
- .15 There are no dedicated Contractor washrooms. The existing barrier-free unisex public washroom on the second floor near the elevator may be used.
- .16 Hot Work (welding, soldering, brazing, grinding, etc.) shall only occur under a Hot Work Permit issued by the Landlord/Property Manager. Comply with NFPA 51B and building fire-safety requirements.
- .17 Prior to any fire alarm by-pass or impairment, submit an Impairment Plan including duration, isolation points, temporary detection/fire alarm watch/guarding measures, and restoration procedures. Minimum notice period: 10 working days.
- .18 Storage of materials or equipment is not permitted in public corridors or common areas at any time. All materials must be delivered just-in-time and stored only within the designated Work Area.
- .19 Any proposed penetrations through base building elements (slab, roof, demising walls, structural members) must be submitted to the Landlord for review and written approval prior to execution.
- .20 Do not access or modify base building systems (HVAC, controls, electrical distribution) without approval from the Landlord and their base building service provider.
- .21 Contractor to ensure all construction personnel are registered with Property Management before commencing the Work. Visitor badges may be administered to workers by the Landlord for security and identification purposes.
- .22 All areas under the Contractor's Site Limits including spaces in Other occupied Tenant suites for demolition and construction shall be vacuumed and mopped at the end of each work shift to enable the building tenants to resume regular business operations without disruption.
- .2 Access:
  - .1 Different areas of work within the hospital will be restricted to time frames indicated on Construction Phasing and Hoarding drawings.
  - .2 Before entering existing premises outside of the Area of Work to carry out Work or to obstruct or take out of use any area of existing premises, or to cause any other interference, request meeting with Consultant and Owner in order to reach agreement as to time and length of time Contractor may interfere, possess, obstruct or remove from use any such area or services.
- 5.3 Access to Area of Work
  - .1 Work shall be confined to Area of Work limits indicated on Drawings and/or within area defined by property lines.



- .2 Assume responsibility for care, custody and control of Area of Work and perform work to extent covered in Contract Documents. Make good damage to existing Area of Work and existing building due to Work of this Contract.
  - .3 Maintain temporary entrances to areas of Work and provide enclosed hoardings as required. Maintain access to existing building service entrance(s) at all times.
  - .4 Work on Municipal property shall be carried out under regulations of respective Municipality and authorities having jurisdiction including without any limitations any associated fees, permits, insurance or bonding required.
  - .5 Access to the existing buildings, and access to the neighbouring properties, cannot be blocked or otherwise compromised. Provide a minimum of 14 days' notice to Owner and coordinate with Owner for any major disruptions that may impact access to hospital or surrounding community.
  - .6 Comply with the time frames/schedule of the hospital loading dock supervisor for all materials delivery to site and ensure loading bays are clear of materials/equipment.
- 5.4 Commencement of Work
- .1 Make all required submittals, receive all reviewed submittals, and marshal all required materials off-site prior to commencing Work on-site.
  - .2 The first on-site Work shall be the construction of the hoarding.
- 5.5 No Smoking Policy
- .1 Cooperate, respect and comply with the Owner's no smoking policy requirements.
  - .2 Ensure that Contractor's employees, sub-contractors and suppliers, performing work on Site on Contractor's behalf, are instructed to comply with the Owner's no smoking policy requirements.
  - .3 Comply with local By-Law and regulations or any authorities having jurisdiction.
  - .4 The property is a leased commercial property and any disruptions to other tenants must be coordinated with the landlord.
- 6 **SPECIAL PROJECT PROCEDURES**
- 6.1 Existing premises will maintain operation during business hours. Work may be performed during these hours. Carry out work in such a manner as to cause a minimum of noise and interference to the use of the existing building. Conform to the requirements of the building management. Be responsible for any overtime work required after business hours.
  - 6.2 Co-ordinate construction activities and use of premises with Owner and building management.
  - 6.3 Maintain operations of building services, data, telephone and alarm. Ensure no interruptions of these services during execution of the Work.
  - 6.4 Provide written notice to the Owner minimum 14 working days before any system shut downs. Major shutdown requires 25 working days' notice. Do not proceed without written approval from Owner.

- 6.5 Provide adequate protection against dust, water and other damages to Owner's electronic and computer equipment, fittings and furniture. Use covers acceptable to the Owner. Remove protection after each work period.

## 7 **SCHEDULE OF VALUES (VALUE OF SUBMITTALS)**

- 7.1 Within seven Working Days of Contract award, submit a detailed Schedule of Values providing a breakdown of the cost of the Work in a form acceptable to Consultant.

.1 Show the cost (value) of the Work broken down by specification section. Identify each line item with number and title of the primary associated specification section, per month, and coincident with approved construction schedule. Identify site mobilization, bonds, insurance, and commissioning. Cost breakdowns when totalled, shall be same as Contract Price.

.1 Include in each line item, the amount of specified Allowances. For unit cost Allowances, identify quantities taken from Contract Documents multiplied by the unit cost to achieve the total for the item.

- 7.2 Contractor shall identify general progress and commissioning payment line items for each of the following:

- .1 1% of total Contract value for provision of as-built drawings, O&M manuals and warranties covering all sub-contracts.
- .2 1% of Mechanical value for Commissioning process including completion and submission of testing forms and reports.
- .3 1% of Electrical value for Commissioning process including completion and submission of testing forms and reports.
- .4 Contractor shall submit all completed tests, reports and verification forms. The Consultant will use these documents to calculate a percentage completion.
- .5 Contractor may claim up to 60% of the value for commissioning through monthly progress payment requests leading up to performance testing. The remaining 40% of the value for commissioning shall be paid-out after the performance testing and training have been completed.

.2 Commissioning 20 08 15 for Mechanical and 26 08 15 for Electrical

- 7.3 Revise schedule to list approved Change Orders with each Application for Payment.

- 7.4 Purpose of the cost breakdown is to assist Consultant with evaluation of progress draws and to assist Owner with cash flow arrangements.

- 7.5 The Owner reserves the right to withhold the amounts allocated for Submittals indicated above pending their submission.

## 8 **CASH ALLOWANCES**

- 8.1 Cash allowances, unless otherwise specified, cover net cost to Contractor of services, products, construction machinery and equipment, freight, handling, unloading, storage, installation and other authorized expenses incurred in performing the Work.

- 8.2 The Contract Price, and not cash allowance, includes Contractor's overhead and profit in connection with such cash allowance.

- 8.3 The Owner reserves the right to call competitive tenders for portions of the work to be paid for out of any or all cash allowances. The relationship of the Contractor and the trades performing portions of the work to be paid out of cash allowances shall be such as between the Contractor and his Subcontractors.
- 8.4 Make expenditures out of the cash allowance at the sole discretion of the Owner and only on receipt of a Change Order signed by the Owner and Consultant.
- 8.5 Unexpended amounts of cash allowances may be reallocated to other specific cash allowances at the sole discretion of the Owner.
- 8.6 Unexpended amounts of cash allowances shall be deducted from the Contract Price at completion of the Work.
- 8.7 Include in the Contract Price, cash allowances for the following:

Ref #	Description	Amount
1	Signage & Wayfinding: Supply & installation of signage and wayfinding will be coordinated through the cash allowance. MGH will prepare the scope of work including message schedule and the location plan. MGH will solicit the quotation from the approved signage vendor and provide to the Contractor to issue a purchase order. Shop drawing/artwork review will be the responsibility of MGH. Coordination of sign install will be the responsibility of the Contractor.	\$20,000
2	Rectification of existing non-code compliant piping services (e.g. isolation valves, elimination of wet venting, missing piping insulation)	\$25,000
3	Reinstatement of damaged or missing fireproofing protection beneath the metal deck ceiling structure	\$25,000
4	Reinstatement of missing firestopping and/or sealing of existing service penetrations at existing fire separations	\$20,000
5	3 <sup>rd</sup> Party Testing & Inspection	\$15,000
6	Unforeseen Site Conditions related to the removal of hazardous/designated substances including mould and all associated work related to abatement and replacement of removed materials and building components. This Cash Allowance also includes all costs related to testing and inspection. The contractor is responsible to engage and coordinate the testing and inspection company. Refer to the Designated Substances and Hazardous Materials Survey Report prepared by MLE Consulting Inc, dated August 31, 2025.	\$25,000
7	Voice and Data cabling above ceiling not related to the demolished devices identified in the Electrical drawings. These include: <ul style="list-style-type: none"> <li>Verify if service is active or abandoned</li> <li>Remove all abandoned cabling to the head, removal all PEX tubing</li> <li>Tie to the joists all active cabling</li> </ul> Reroute cabling transiting the renovation space through the new partitions	\$25,000
8	Unforeseen site conditions which include but are not limited to the following: <ul style="list-style-type: none"> <li>addressing unforeseen concealed building elements or services uncovered during demolition that are not identified in</li> </ul>	\$45,000

	the Contract Documents. This includes any remediation or modifications required to maintain code compliance, constructability or overall project continuity.	
	<b>TOTAL</b>	<b>\$200,000</b>

9 **CONSTRUCTION SCHEDULE**

9.1 Submit a critical path construction schedule indicating milestone dates of major activities of the Work. Provide sufficient details of critical events and their inter-relationship for successful performance within the contract time.

9.2 Submit schedule within 15 days after award of Contract.

10 **EXAMINATION OF EXISTING CONDITIONS**

10.1 Submission of bid shall be deemed evidence that Contractor has examined the site and is familiar with conditions under which work will be done and obtained all information which may be necessary for proper execution of Contract.

10.2 Signing of Contract indicates acceptance by Contractor of conditions under which work will be done.

10.3 Extra payments will not be authorized for work that could have been determined by a careful examination of site and existing conditions.

11 **EXAMINATION OF SURFACES DURING CONSTRUCTION**

11.1 Before executing work against surfaces prepared by other Sections, examine such surfaces. Do not accept defective surfaces, or do any work to or on them, until the defects are remedied.

11.2 Commencement of work shall indicate acceptance of surfaces and responsibility concerning the conditions of same.

12 **EXISTING SERVICES**

12.1 Cut off, cap, divert or remove existing water, gas, electric and other services in areas being altered which are affected by the changes as required or as directed by the municipal authorities and the utility company concerned, and the Consultant. Protect and maintain active services to the existing building.

12.2 If required by the Consultant, prepare interference and/or installation drawings showing the work of the various Sections as well as the existing installation, and submit these drawings to the Consultant for review before the commencement of work.

13 **LOCATION OF EQUIPMENT AND FIXTURES**

13.1 Location of plumbing, heating and electrical fixtures and outlets, ducts, conduits and pipes shown or specified but not dimensioned shall be considered approximate.

13.2 Locate equipment, fixtures and distribution systems to provide minimum interference and maximum usable space, and in accordance with manufacturer's recommendations for safety, access and maintenance.

- 13.3 Consult with the Consultant to determine the actual location of items not dimensioned as may be required to suit the job conditions.
- 13.4 Obtain Consultant's acceptance for precise locations of fixtures, access panels, outlets, mechanical, electrical and security items. Relocation caused by failure to determine the actual locations shall be executed without charge to the Owner.
- 13.5 Consultant reserves the right to relocate fixtures, access panels, outlets, mechanical, electrical and security items at a later date, but prior to installation, without additional cost, provided that the relocation per outlet or fixture does not exceed 3050 mm (10 feet) from the original location

#### 14 **INTERFERENCE DRAWINGS**

- 14.1 Prepare dimensioned interference drawings indicating relationship of new installations and existing and/or unforeseen conditions prior to commencement of work.
- 14.2 Before commencing installation, prepare interference drawings, based on the actual field measurements, showing relationship of new and existing ductwork, conduit, piping, sprinklers, partitions, ceiling supports and framing, partition framing, communication and specialized equipment located within ceiling and shaft spaces.
- 14.3 Indicate locations of visible items such as air handling outlets, light fixtures, smoke detectors, sprinkler heads, communication grilles, and access panels occurring at these locations.
- 14.4 Drawings shall be initialed by responsible person of each Sub-Contractor involved along with Contractor's signature and submitted to Consultant for review and record purposes

#### 15 **DOCUMENTS ON SITE**

- 15.1 Maintain at job site, one copy each document as follows:
  - .1 Permit Drawings and Building Permit Posters.
  - .2 Contract Drawings and Specifications.
  - .3 Addenda.
  - .4 Reviewed Shop Drawings.
  - .5 List of Outstanding Shop Drawings.
  - .6 Change Orders.
  - .7 Other Modifications to Contract.
  - .8 Field Test Reports.
  - .9 Copy of Approved Work Schedule.
  - .10 Site-Specific Health and Safety Plan and Other Safety Related Documents.
  - .11 Fire Watch Log.
- 15.2 Other documents as specified

## 16 NOISE LIMITATIONS AND DUST CONTROL

- 16.1 Keep construction noise to a minimum.
- 16.2 No pneumatic or other noisy equipment will be permitted on the project site.
- 16.3 All vehicles and equipment shall be equipped with efficient muffling devices to minimize noise levels in the project area. In particular, construction equipment such as compressors, gas and diesel driven engines shall be equipped with efficient mufflers.
- 16.4 Undertake dust control measures to prevent dust nuisances resulting from any phase of the construction operation. Contractor to use tack mats, dust containment materials, dedicated cleaners.
- 16.5 Carry out dust control practices at all locations on site.
- 16.6 Provide air scrubbers for equipment, including trucks, to prevent exhaust fumes from entering nearby buildings' air intakes. Provide documentation to the Consultant confirming installation of scrubbers prior to equipment arriving on site.

## 17 OVERLOADING

- 17.1 Take precautions to prevent the overloading of any part of the structure, false work, form work or scaffolding during the progress of the Work, and make good, at no expense to the Owner, all damage resulting from such overloading.
- 17.2 No load bearing members shall be cut, drilled or sleeved without the written consent of the Consultant.

## 18 HOLES THROUGH FLOORS AND WALLS

- 18.1 Where holes are made in floors for the passage of pipes, ducts and conduit or wires, the holes shall be sealed with cement grout after the pipes, ducts and conduit or wires have been placed.
- 18.2 Where holes are made in walls for the passage of pipes, ducts, conduit or wires, holes shall be filled with a suitable material, cement grout in masonry or concrete walls or plaster in plaster or drywall walls, regardless of whether or not the pipes have escutcheon plates. Grout or plaster around outside of sleeves where holes are sleeved.
- 18.3 In mechanical rooms above grade and in other rooms where faucets occur, the pipes, ducts, conduits or wires or all, which pass through floors, shall be enclosed in a 100 mm high metal sleeve and then grouted around pipes and ducts.
- 18.4 Above requirements shall apply to both exposed and concealed walls and floors.

## 19 MAKING GOOD

- 19.1 Make good materials and finishes which are damaged or disturbed during the process of additions and reconstruction under the Contract. in accordance with Z317.13.
- 19.2 Where existing work is to be made good, match new work exactly with the old work in material, form, construction and finish unless otherwise noted or specified.
- 19.3 Protect work in the existing building, such as floors, finishes, trim, etc., as completely as possible to hold the replacing of damaged work to a minimum.

- 19.4 Preparation for new finishes:
- .1 Remove existing finishes, including painting.
  - .2 Fill cracks and depressions with suitable filler and finish smooth, as recommended by the manufacturer of the new finishes.
  - .3 Grind protrusions level with substrates and finish smooth.
  - .4 Remove all evidences of existing adhesive, grease, oil, soil and other encrustations of foreign material by washing, scraping and grinding if necessary.
  - .5 Clean and prepare substrates to receive new work.

## 20 **CUTTING AND PATCHING**

- 20.1 Perform cutting, fitting, and patching to complete the Work. Do not cut, drill or sleeve load-bearing members without obtaining written approval for each condition. Work to be done in accordance with Z317.13 guidelines.
- 20.2 Remove and replace defective and non-conforming work.
- 20.3 Perform work to avoid damage to other work.
- 20.4 Prepare proper surfaces to receive patching and finishing.
- 20.5 Cut rigid materials using power saw or core drill. Pneumatic or impact tools not allowed.
- 20.6 Restore work with new products to match existing in accordance with Contract Documents.
- 20.7 Fit work airtight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- 20.8 At penetration of fire-rated wall, ceiling, or floor construction, completely seal voids with fire-rated material, full thickness of construction element.
- 20.9 Refinish surfaces to match adjacent finishes; for continuous surfaces refinish to nearest intersection; for an assembly, refinish entire unit.

## 21 **SALVAGE AND DISPOSAL OF MATERIALS**

- 21.1 Cut, disconnect and detach items and materials designated to be removed.
- 21.2 All materials resulting from the demolition work except as otherwise specified or directed shall become the property of the Contractor.
- 21.3 Remove all material and debris from the site as quickly as possible and dispose of legally.
- 21.4 Burning of debris or selling of materials on the site will not be permitted.

## 22 **FIRE SAFETY DURING CONSTRUCTION**

- 22.1 Provide fire prevention and protection measures to existing building as required by all authorities having jurisdiction.

22.2 Maintain exits, including stairways and exterior doors to the outside. Provide acceptable alternative exits where an existing exit is blocked off or deleted due to construction activities.

22.3 Where access to an exit through construction area is absolutely necessary, clearly define, protect and separate access from the construction area by a smoke tight fire separation equivalent to minimum 3/4 hour fire resistance rating.

## 23 SAFETY MEASURES

23.1 Comply with the safety regulations of the Occupational Health and Safety Act and authorities having jurisdiction for the safety of the Work.

## 24 PROJECT MEETINGS

24.1 Schedule and administer project progress meetings throughout progress of work.

.1 Project progress meetings shall occur bi-weekly and as required.

24.2 Distribute written notice of each meeting four days in advance of meeting date to Consultant and Owner.

24.3 Provide physical space and make arrangements for meetings.

24.4 Record minutes. Include significant proceedings and decisions. Identify 'action by' parties.

24.5 Reproduce and distribute copies of minutes within three days after each meeting and transmit to meeting participants, affected parties not in attendance, Consultant and Owner.

## 25 SUBMITTALS

25.1 Administrative

.1 Submit to Consultant submittals listed for review. Submit with reasonable promptness and in an orderly sequence so as to not cause delay in the Work. Identify Drawing Number and Specification Section number to which the submittal applies.

.2 Unless otherwise specifically permitted by the Consultant, make submittals in groups containing associated items; the Consultant may reject partial submittals as not complying with the provisions of the Contract Documents.

.3 Make submittals far enough in advance of scheduled dates of installation to provide required time for reviews, for securing necessary reviews, for possible revision and re-submittal, and for placing orders and securing delivery so as to cause no delay in the Work or in the work of other contractors. Costs of delays occasioned by tardiness of submittals shall not be borne by the Owner.

.4 Do not proceed with Work affected by submittal until review is complete.

.5 Review submittals prior to submission to Consultant. This review represents that necessary requirements have been determined and verified, or will be, and that each submittal has been checked and co-ordinated with requirements of the Work and Contract Documents.



- .6 Verify field measurements and affected adjacent Work is coordinated.
- 25.2 Submittals Processing Time: Allow time for submittal review, including time for re-submittals, as follows:
  - .1 Time for review shall commence on Consultant's receipt of submittal. If a shop drawing is received after 12 noon, it will be considered as received the next working day for the purposes of the processing time.
  - .2 For scheduling purposes allow minimum 10 working days following submission and minimum 10 working days following resubmission. Consultant will advise Contractor if additional time is required for technical or co-ordination review.
  - .3 Concurrent Review: When concurrent review of submittals by Consultant's subconsultants, Owner, or other parties is required, allow a minimum of fifteen (15) working days for initial review of each submittal. Direct transmittal to Consultant's subconsultants will not be permitted.
  - .4 If at any time the Contractor submits unusually large number of shop drawings, the Consultant will, within 5 working days of receipt of such drawings, provide the Contractor with an estimate of time necessary for processing such shop drawings.
  - .5 Failure to provide submittals in ample time is not considered sufficient reason for extension of Contract Time and no claim for extension will be allowed.
- 25.3 Shop Drawings and Product Data
  - .1 Indicate materials, methods of construction and attachment or anchorage, erection diagrams, connection, explanatory notes and other information necessary for completion of Work.
  - .2 Adjustments made on shop drawings by Consultant are not intended to change Contract Price.
  - .3 Make changes in shop drawings as Consultant may require.
  - .4 Submit Shop drawings and Product Data in electronic format as a PDF or DWG file via the project website or other means of electronic file delivery. Scanned drawings will only be accepted if legible. Illegible drawings will be rejected.
  - .5 Product Data catalogue cuts showing all aspects, design, sizes, components and rough-in information for equipment may be submitted where shop drawings will not be prepared due to standardized manufacture of product. Supplement standard information to provide details applicable to project. Generic documents will be rejected.
- 25.4 Samples
  - .1 Submit samples for review as requested in respective specification Sections.
  - .2 Deliver samples prepaid to Consultant's business address.
  - .3 Any substitutions of finishes/fixtures must be in compliant with MGH cleaning agents. Samples to be provided to MGH for approval.
- 25.5 Operating Maintenance Manuals
  - .1 Two weeks prior to Substantial Performance of the Work, submit to Consultant, three copies of operating and maintenance manuals.

- .2 Manuals to contain operational information on equipment, cleaning and lubrication schedules, filters, overhaul and adjustment schedules and similar maintenance information.
- .3 Bind contents in a three-ring, hard covered, plastic jacketed binder. Organize contents into applicable categories of work, parallel to specifications Sections.

## 26 **AS BUILT AND RECORD DRAWINGS**

- 26.1 After award of Contract, obtain a set of CAD drawings from the Consultant. Make sets of white prints for purpose of maintaining record drawings. Accurately and neatly record deviations from Contract Documents caused by site conditions and changes ordered by Consultant.
- 26.2 Record locations of concealed components of mechanical and electrical services.
- 26.3 Identify drawings as "Project Record Copy". Maintain in new condition and make available for inspection on site by Consultant. On a weekly basis, scan marked-up drawings to Adobe PDF format and provide a copy to Owner and Consultant.
- 26.4 On completion of Work and prior to final inspection, submit record documents to Consultant.
- 26.5 Prior to testing, balancing and adjusting, obtain a current set of CAD files from the Consultant and transfer record drawing information to AutoCad 2016 (CAD) files, to record final as-built condition.
- 26.6 Drawings are to remain set to and follow Consultants AutoCad Standards. Do not alter drawing scales, X-refs, colours, layers or text styles.
- 26.7 The Consultant's CAD files may not reflect all or any construction changes.
- 26.8 Where items have been deleted, moved, renumbered or otherwise changed from contract drawings, revise the CAD files to record these changes. "Bubble" these revisions, and place these annotations on a separate and easily identified drawing layer.
- 26.9 As-built drawings to show the final as-built condition.
- 26.10 Identify each drawing in lower right hand corner in letters at least 12 mm (½") high and as follows:  
  
"AS-BUILT DRAWINGS. This drawing has been revised to show all systems and conditions as installed". [Signature of Contractor] and [Date]
- 26.11 Provide "AS BUILT DRAWINGS" white prints to Consultant for review. Transfer Consultant's comments to the CAD files. Return AutoCad drawings modified to "As Built" condition to Consultants on CD or DVD Rom.
- 26.12 Submit three (3) sets of final "AS BUILT DRAWINGS" white prints with Operating and Maintenance Manuals.
- 26.13 Submit full set of final "AS BUILT DRAWINGS" to Owner in digital format: AutoCAD and PDF files, on CD or DVD Rom, or USB Flash drive, in triplicate.

27 **QUALITY CONTROL**

27.1 Owner's Quality Control

- .1 The Owner may require during progress of the Work, testing and inspection by an independent testing agency as directed by the Consultant, or as required in these Specifications, to determine if materials provided for the Works meet the specified requirements. The cost of these services shall be paid by Cash Allowances.
  - .1 In this case, the Contractor shall pay independent inspection and testing agency charges authorized by the Consultant from the cash allowances included for these services.
- .2 Employment of inspection/testing agencies does not relax Contractor's responsibility to perform Work in accordance with Contract Documents.
- .3 Contractor shall provide equipment required by testing agencies for executing inspection and testing.
- .4 Re-Testing and Re-Inspection:
  - .1 If defects are revealed during inspection and testing, testing agency will request additional inspection and/or testing to ascertain full degree of defect. Re-testing and re-inspection shall be performed by the same testing agency as the initial tests.
    - .1 Contractor shall correct defects and irregularities at no cost to Owner;
    - .2 Contractor shall pay costs for re-testing and re-inspection.
- .5 Microbiological clearance testing shall accompany HVAC and potable water supplies prior to hand over.

27.2 Code Compliance and Contractor's Convenience Testing

- .1 Code Compliance Testing: Inspection and tests required by codes or ordinances, or by an authority having jurisdiction shall be the responsibility of the Contractor and shall be paid for by the Contractor as part of the Contract Price.
- .2 Contractor's Convenience Testing: Inspection or testing performed exclusively for the Contractor's convenience shall be the sole responsibility of the Contractor and paid for by Contractor as part of the Contractor's overhead expenses.
- .3 Engage a qualified testing agency to perform these quality-control services. Contractor shall not employ same entity engaged by Owner, unless agreed to in writing by Owner.
- .4 Submit a certified written report, in triplicate, of each quality-control service.
- .5 Submit additional copies of each written report directly to authorities having jurisdiction, when they so direct.
- .6 Re-testing/Re-inspecting: Provide quality-control services, including re-testing and re-inspecting, for construction that replaced Work that failed to comply with the Contract Documents. Pay costs for re-testing and re-inspection..

28 **SITE SIGNS**

- 28.1 Do not exhibit on the site advertisements or signs other than those required by authorities having jurisdiction, unless otherwise approved by the Consultant, in writing.

29 **CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS**

29.1 Co-ordination

- .1 Co-ordinate with the building management use of temporary controls and facilities not provided under this Contract, including but not necessarily limited to material delivery, unloading and hoisting. Make prior arrangements and schedule use at times acceptable to the building management. Be responsible for payment for use of such facilities.

29.2 Installation/Removal

- .1 Provide construction facilities and temporary controls in order to execute work expeditiously. Remove from site all such work after use.

29.3 Hoisting and Delivery

- .1 Material unloading and hoisting will be restricted to after hours.  
.2 Arrange for delivery and unloading of materials at areas designated by the building management. Do not interfere with vehicular traffic on the streets and pedestrian traffic on the sidewalks.

29.4 Security Provisions

- .1 Maintain and conform to existing security provisions required by the building management. Do not compromise such provisions.

29.5 Hoarding and Barricades

- .1 Erect hoarding and barricades to protect public, workers, public and private property from injury or damage. Provide lockable doors within hoarding for access to site by workers.

29.6 Weather Enclosures

- .1 Provide weathertight closures to unfinished door and window openings, tops of shafts and other openings in floors and roofs.  
.2 Close off floor areas where walls are not finished; seal off other openings; enclose building interior work area for temporary heat.

29.7 Parking

- .1 Parking will not be provided.

29.8 Dust Tight Screens

- .1 Provide dust tight screens or partitions to localize dust generating activities, and for protection of workers, finished areas of Work and public.  
.2 Maintain and relocate protection until such Work is complete.

- 29.9 Site Storage/Loading
  - .1 Confine the Work and operations of employees to limits indicated by Contract Documents. Do not unreasonably encumber premises with Products.
  - .2 Do not load or permit to be loaded any part of the Work with a weight or force that will endanger the Work.
- 29.10 Sanitary Facilities
  - .1 Existing facilities as designated may be used during construction period.
  - .2 Maintain in clean condition.
- 29.11 Water and Power Supply
  - .1 The Owner will provide and pay for a continuous supply of water, power for construction use as available from the existing facilities. Provide hoses, extensions, connections, and transformers as required for execution of the Work. Provide extra supply if the existing facilities are insufficient or not suitable for construction use.
  - .2 Arrange for connection with appropriate utility company and pay costs for installation, maintenance and removal.
- 29.12 Temporary Lighting
  - .1 Provide temporary lighting required during construction period, including attendance and maintenance.
  - .2 Maintain lighting at levels required by Sections doing the work.
- 29.13 Temporary Heating
  - .1 Provide temporary heating required during construction period, including attendance, maintenance and fuel.
  - .2 Construction heaters used inside building must be vented to outside or be non-flameless type. Solid fuel salamanders not permitted.
  - .3 Maintain temperatures at levels required by Sections doing the work.
  - .4 Ventilate heated areas and keep building free of exhaust or combustion gases.
- 29.14 Temporary Telephone
  - .1 Provide and pay for temporary telephones necessary for own use and use of Consultant and Owner.
- 29.15 Equipment/Tool/Materials Storage
  - .1 Provide and maintain, in clean and orderly condition, lockable areas for storage of tools, equipment and materials.
  - .2 Locate materials on site in manner to cause least interference with work activities.
- 29.16 Project Cleanliness
  - .1 Maintain the Work in tidy condition, free from accumulation of waste products and debris.

- .2 Remove waste material and debris from site at end of each working day. Do not burn waste materials on site.
- .3 Clean interior areas prior to start of finish work, maintain areas free of dust and other contaminants during finishing operations.
- .4 Project site and adjacent active areas of the building to be protected from dust and debris from the renovation activity. All infrastructure must be protected in accordance with CSA Z8000; CSA Z317; CSA 317.2; and MOL.

### 30 MATERIAL AND EQUIPMENT

#### 30.1 Product and Material Quality

- .1 Products, materials, equipment and articles incorporated in Work shall be new, not damaged or defective, and of best quality for purpose intended. If requested, furnish evidence as to type, source and quality of Products provided.
- .2 Whenever Products are specified exclusively by trade name, manufacturer's name or by catalogue reference, use only those items, unless written approval for substitution is obtained from Consultant.
- .3 Defective Products, will be rejected, regardless of previous inspections. Inspection does not relieve responsibility, but is precaution against oversight or error. Remove and replace defective Products at own expense and be responsible for delays and expenses caused by rejection.
- .4 Should any dispute arise as to quality or fitness of Products, decision rests strictly with Consultant based upon requirements of Contract Documents.

#### 30.2 Storage, Handling and Protection

- .1 Handle and store Products in manner to prevent damage, adulteration, deterioration and soiling and in accordance with manufacturer's instructions when applicable.
- .2 Store packaged or bundled Products in original and undamaged condition with manufacturer's seals and labels intact.

#### 30.3 Manufacturer's Instructions

- .1 Unless otherwise indicated in specifications, install or erect Products in accordance with manufacturer's instructions. Do not rely on labels or enclosures provided with Products. Obtain written instructions directly from manufacturers.
- .2 Notify Consultant in writing, of conflicts between specifications and manufacturer's instructions, so that Consultant may establish course of action.
- .3 Improper installation or erection of Products, due to failure in complying with these requirements, authorizes Consultant to require removal and reinstallation at no increase to Contract Price.

#### 30.4 Workmanship

- .1 Workmanship shall be best quality, executed by workers experienced and skilled in respective duties for which they are employed. Immediately notify Consultant if required Work is such as to make it impractical to produce required results.
- .2 Do not employ any unfit person or anyone unskilled in their required duties.

- .3 Decisions as to quality or fitness of workmanship in cases of dispute rest solely with Consultant, whose decision is final.

#### 30.5 Concealment

- .1 In finished areas, conceal pipes, ducts and wiring in floors, walls and ceilings, except where indicated otherwise.
- .2 Before installation, inform Consultant if there is a contradictory situation. Install as directed by Consultant.

### 31 **GENERAL COMMISSIONING REQUIREMENTS**

31.1 The Owner will retain and pay for an Independent Commissioning Agent (CA) who will provide Commissioning Services including witness Testing and Commissioning Services as required.

31.2 The Owner's designated Commissioning Agent will provide the commissioning procedures and checklists for use by the Contractor and his Subcontractors.

#### 31.3 Contractor's Roles and Responsibilities

- .1 Prepare the commissioning schedule in conjunction with construction schedule.
- .2 Lead the coordination and scheduling of commissioning work.
- .3 Schedule and attend commissioning coordination meetings.
- .4 Ensure cooperation and participation of all sub-contractors, major equipment manufacturers, and suppliers.
- .5 Ensure deficiencies are corrected.
- .6 Upon completion of all phases of the commissioning program, provide a final commissioning report.
- .7 Provide testing of integrated life safety and fire protection systems and related equipment in accordance with CAN/ULC S1001 Integrated Systems Testing of Fire Protection and Life Safety Systems and Fire Protection Commissioning.

31.4 For additional requirements, refer to individual technical specifications for each affected Division of the Work, specifically to sections 20 08 11, 20 08 15, and section 26 08 15

31.5 All mechanical systems must be commissioned in accordance with CSA Z8001 and where indicated, supported with NEGATIVE microbiological test results.

### 32 **CONTRACT CLOSEOUT**

#### 32.1 Final Cleaning

- .1 When the Work is Substantially Performed, remove surplus products, tools construction machinery and equipment not required for performance of remaining Work.
- .2 Leave work broom clean before inspection process commences.
- .3 Clean and polish glass, mirrors, hardware, wall tile, stainless steel, chrome, porcelain enamel, baked enamel, plastic laminate, mechanical and electrical fixtures. Replace broken, scratched or disfigured glass.

- .4 Remove stains, spots, marks and dirt from decorative work, electrical and mechanical fixtures, furniture fitments, walls ceilings.
- .5 Vacuum clean and dust building interiors, behind grilles, louvres and screens.
- .6 Wax, seal, shampoo or prepare floor finishes, as recommended by manufacturer.
- .7 Broom clean and wash exterior walks, steps and surfaces.
- .8 Remove dirt and other disfigurations from exterior surfaces.
- .9 Location shall receive a construction clean prior to hand over to MGH Prior to occupancy for use, the renovated space shall include 2 terminal cleans spaced 24hrs apart from the end of the first to the start of the second clean.

#### 32.2 Systems Demonstration

- .1 Prior to final inspection, demonstrate operation of each system to Owner.
- .2 Instruct personnel in operation, adjustment, and maintenance of equipment and systems, using provided operation and maintenance data as basis for instruction.

#### 32.3 Documents

- .1 Collect reviewed submittals and assemble documents executed by Subcontractors, suppliers, and manufacturers.
- .2 Submit material prior to final application for payment.
- .3 Submit three copies of Project Record Manual consisting of operation and maintenance data and one set of record (as-built) drawings white prints.
- .4 Provide warranties fully executed and notarized.
- .5 Execute transition of Performance Bond to warranty period requirements.


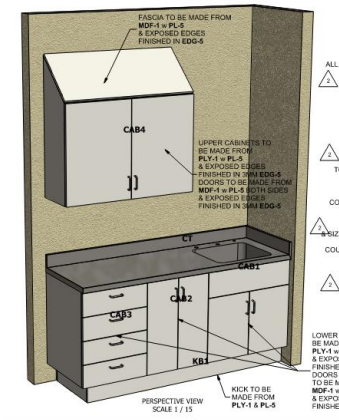

#### 32.4 Inspection/Takeover Procedures

- .1 Prior to application for certificate of Substantial Performance, carefully inspect the Work and ensure it is complete, that major and minor construction deficiencies are complete, defects are corrected and building is clean and in condition for occupancy. Notify Consultant in writing, of satisfactory completion of the Work and request an inspection.
- .2 During Consultant inspection, a list of deficiencies and defects will be tabulated. Correct same.
- .3 When Consultant considers deficiencies and defects have been corrected and it appears requirements of Contract have been performed, make application for certificate of Substantial Performance.
- .4 Conform to OAA/OGCA Document No.100 for takeover procedures.
- .5 Submit a final statement of accounting giving total adjusted Contract Price, previous payments, and monies remaining due.
- .6 Consultant will issue a final change order reflecting approved adjustments to Contract Price not previously made.





End of Section




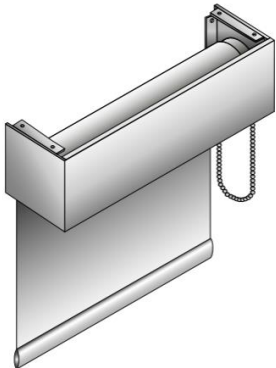
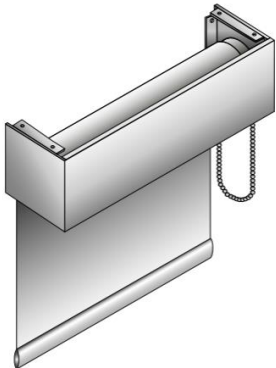
NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
DIVISION 05 – METALS				
ST-12	Custom Wall-mounted Stainless-Steel Counter & Double Sink	16 GA. 304 Brushed Stainless Steel	Soiled Utility Room	
ST-15	Stainless-Steel Counter & Sink	16GA. #4B Brushed Stainless Steel 180 Grit	Medication Room	<div></div>
DIVISION 06 – WOOD, PLASTICS AND COMPOSITES				


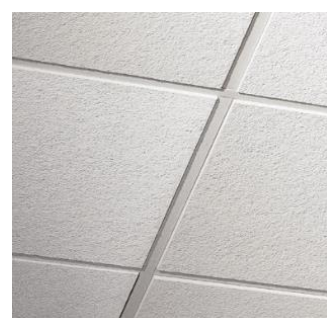
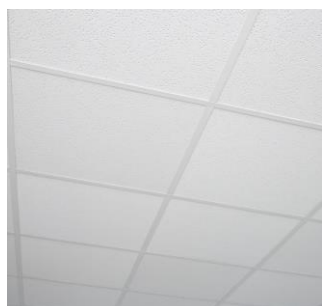
NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<b>SWP-x</b>	Wall Protection	Manufacturer: Construction Specialties Product: 0.060" Acrovyn Wall Covering w/ Acrovyn Trims Colour: 933 Mission White	See Finishes Plan	
<b>PLAM-1</b>	Plastic Laminate	Manufacturer: Wilsonart Code #: D427-60 Colour: Linen	Medication Room, Staff Lounge	
<b>PLAM-2</b>	Plastic Laminate	Manufacturer: Wilsonart Code #: 8251 Colour: Clearwater Oak Finish: Matte Finish	Team Station Change RM Bench	
<b>DIVISION 08- OPENINGS</b>				
<b>HP-1</b>	Cabinet Hardware Pull	Manufacturer: Amerock Product: Wire Pulls 3-3/4 inch (96mm) Center-to-Center Code #: BP76313CS26D Material: Carbon Steel Finish: Brushed Chrome		

NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
FLM-1	Applied Film	Manufacturer: 3M™ Product: Privacy Film, 2 mil (0.05 mm) Code #: ID ID 7100055482 UPC 00051115574764 L: 100' x W: 60"  Finish: Matte	Existing Windows	
RS-1	Roller Shade	Manufacturer: Light Harvesting Product: LHSS 150 -Chain Operated Roller Shade System – Fascia Openness 3% Color: 002002 white	All Windows except Procedure Rooms (Openness 3%)	
RS-2	Roller Shade	Manufacturer: Light Harvesting Product: LHSS 150 -Chain Operated Roller Shade System – Fascia Blackout Fabric 00	Procedure Rooms	
DIVISION 09 - FINISHES				

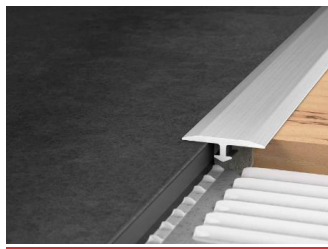



NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<b>SSM-1</b>	Solid Surface	Manufacturer: DuPont Product: Corian® Solid Surface Colour: Sand Storm	Staff Lounge Countertop	
<b>ACT-1</b>	Acoustic Ceiling Tile	Manufacturer: USG Ceiling Solutions Product: USG DONN® BRAND DX®/DXL™ Halcyon™ Acoustical Panels Acoustical Suspension System 2'x4' Colour: Coordinating Matte White 3756	See RCP	
<b>ACT-2</b>	Acoustic Ceiling Tile	Manufacturer: USG Ceiling Solutions Product: USG DONN® BRAND DX®/DXL™ Clean Room™ Acoustical Panels Acoustical Suspension System 2'x4' Colour: Coordinating Matte White 3756	See RCP Procedure Rooms	
<b>GWB-1</b>	Gypsum Board Ceiling	Manufacturer: CGC Product: Sheetrock Brand Ultralight Panels 13mm Framing per specification	See RCP	





NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
RSF-1	Resilient Sheet Flooring and Cove Base	Manufacturer: Tarkett Product: IQ OPTIMA Code #: 245 Colour: FOGGY SHORES WG	See Finishes Plan	
RSF-2	Resilient Sheet Flooring and Cove Base	Manufacturer: Tarkett Product: IQ OPTIMA Code #: 260 COLOUR: SHARKTALE WG	See Finishes Plan	
PT-1	Paint	Manufacturer: PPG (Dulux) Product: Paint Code #: PPG1020-1 Colour: Atrium White	All painted walls/ceilings where indicated	
PT-2	Paint	Manufacturer: PPG (Dulux) Product: Paint Code #: PPG1040-4 Colour: How Handsome	Accent Paint Finish, See Finishes Plan	






NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<u><b>TS-1</b></u>	<u>Transition Strip</u>	<u>Schlüter®- VINPRO-T</u> <u>T-shaped profile made of anodised aluminium, which is retrofitted to create transitions between adjoining resilient floor coverings of the same height (e.g. LVT flooring and laminate, parquet etc.).</u> <u>Color: Brushed chrome anodised aluminium</u>	<u>Corridors</u> <u>(where new flooring meets existing)</u>	
<b>DIVISION 10 - SPECIALTIES</b>				
<b>CG-1</b>	Corner Guard	Manufacturer: Construction Specialties Product: Acrovyn® Corner Guard. with a 1/4" (6.4mm) radius and 2" (50.8mm) legs. Code #: SSM-25N Colour: 933 Mission White		
<b>CR-1</b>	Crash rail	Manufacturer: Construction Specialties Product: Acrovyn® Solid Crash Rail Code #: SCR-40N Colour: 933 Mission White		
<b>SD-1</b>	Surface Mounted Soap Dispenser	Manufacturer: PURELL Product: ES4 Push-Style 5.51"x3.90"x9.33"	See drawings.	

NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.


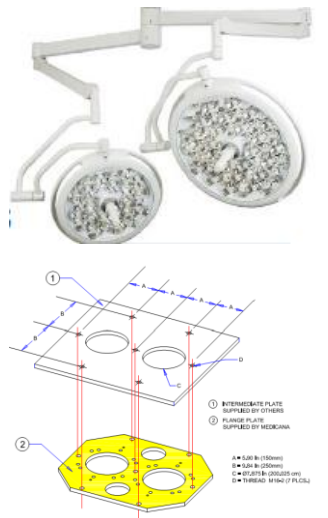

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
HSD-1	Hand Sanitizer	Manufacturer: PURELL Product: ES4 Push-Style 5.51"x3.88"x14.12"	See drawings.	
PTD-1	Surface Mounted Paper Towel dispenser	Manufacturer: Cascades PRO Product: Mechanical No-Touch Roll Towel Dispenser Code #: C345 Colour: White	Washrooms	
TPH-1	Surface Mounted Double-roll Toilet Paper Holder	Manufacturer: Cascades PRO Product: Tandem Jumbo Roll Bath Tissue Dispenser, Double Roll, Code #: C381 Colour: White	Washrooms	
MIR-1	Stainless Steel Channel Frame Mirrors	Manufacturer: American Specialties, Inc. Product: 0620 , Channel Frame Mirror Finish: Stainless Steel Size: Height: 30" Width: 18"	Washrooms	

NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.



CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
CH-1	Coat Hook	Manufacturer: American Specialties, Inc. Product: Single Robe Hook Code #: 7340-S Colour and Finish: Satin #4 Stainless Steel	Washrooms	
GRB-1	Grab Bar	Manufacturer: American Specialties, Inc. Product: 1-1/2" diameter [ø38] grab bar with snap-on flange covers Code #: 3800 Peened Option Finish: Stainless Steel Size: Width: 24"	Washrooms	
GRB-3	Grab Bar	Manufacturer: American Specialties, Inc. Product: 1-1/2" diameter [ø38] grab bar with snap-on flange covers Code #: 3800 Peened Option Finish: Stainless Steel Size: Height: 30" Width: 30"	Washrooms	
GRB-5	Grab Bar	Manufacturer: Frost Product: Swing Up Grab Bar Code #: 1055-S Finish: Stainless Steel	Washrooms	
LCKR-1	Lockers	Manufacturer: Hadrian Product: Corridor (Emperor) Lockers <b>Sloping Top</b> Single Tier: W15"xD18"xH60" Code #: 541 Extra White		



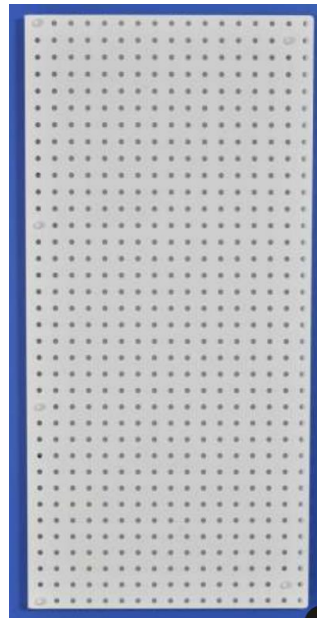


NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<del>CRT-1</del>	<del>Silentia Screens</del>	<del>Manufacturer: Silentia Product: Mobile Single Screens, 15 Panels Colour: White Height: 5'5"</del>	<del>Pre-op Bay, Post-op Bay</del>	
PI-1	Surgical Light & Ceiling Mounting Plate	Manufacturer: Medica Product: Flex Lux Exam & Procedure Light Flex Lux 80 LED Ceiling Mounting Plate	Procedure Rooms	
<u>WMW</u>	<u>Wall Mounted Workstation</u>	<u>Manufacturer: Amico</u> <u>Product: Falcon Computer Workstation</u> <u>Falcon with SideKick Secondary Surface</u>	<u>Procedure Rooms</u>	


NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<u>TV</u>	<u>Television &amp; Bracket</u>	<u>Manufacturer: Samsung</u> <u>Product: Crystal UHD Signage</u> <u>QMC Series</u>  <u>TV Bracket</u> <u>EATON. TRIPP LITE Series</u> <u>Heavy-Duty Fixed Security TV Wall Mount for</u> <u>37-80" Televisions &amp; Monitors - Flat/Curved,</u> <u>UL Certified</u>  <u>MODEL NUMBER: DWFSC3780MUL</u>	<u>Waiting Area</u>	 

NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<u>PPE</u>	<u>PPE Dispenser</u>	<u>Manufacturer: MEDIC ACCESS</u> <u>Product:</u> <u>Basic WALL-MOUNTED SYSTEM ISO-18 001</u> <u>Preset WALL-MOUNTED SYSTEM ISO-18 003</u>	<u>Multiple Locations</u>  <u>2X at Scrub sinks</u>  <u>1x at Team Station Handwash Station</u>	 
<u>GVD-1</u>	<u>Glove Dispenser</u>	<u>Manufacturer: American Specialties, Inc.</u> <u>Product: 0501-3</u> <u>Surface Mounted Surgical Glove Dispenser – Three Boxes</u> <u>Type 304 stainless steel with satin finish</u>	<u>Multiple Locations</u>	

NOTE: The application / location for the materials indicated is not limited to the list below and is to be used in conjunction with and may be supplemented by, the Specifications, Schedules and Drawings. Refer to Specifications, Schedules and Drawings for full extent of material application and additional material types.

CODE	ITEM	DESCRIPTION	APPLICATION / LOCATION	SAMPLE IMAGE
<u>AED</u>	<u>AED Cabinet</u>	<u>Manufacturer: AED Superstore</u> <u>Product: Recessed (RM)</u> <u>Zoll Medical, Tall, RM, 18 lbs.</u> <u>Outside Dimensions: 0.375" X 15.375" X .25"</u>  <u>Kemp CPR Board 10-518</u> <u>tem #: WBB2193556</u> <u>Product Dimensions: 23.75" x 16.25" x 2.75"</u> <u>Product Weight: 3.35 lbs</u> <u>Wall mounted Hook, Samarit #4086</u>		 <small>DEL #000123</small>  <b>Kemp CPR Board, 10-518</b> Wall mounted Hook, Samarit #4086 

End of Section

## DOOR HARDWARE

08 71 00

PROJECT:



TORONTO EAST HEALTH NETWORK

Outpatient Ophthalmology Clinic  
20 Wynford Dr. Suite 310  
North York, ON

ARCHITECT:

**NORR**

175 Bloor Street E.  
North Tower, 15<sup>th</sup> Floor  
Toronto, ON

Prepared By: Krystal Bacon

Date: October 14, 2025

Revised: October 17, 2025

November 5, 2025 Issued for Tender &amp; Permit

November 19, 2025 Addendum #2



## Architectural Hardware Finishes

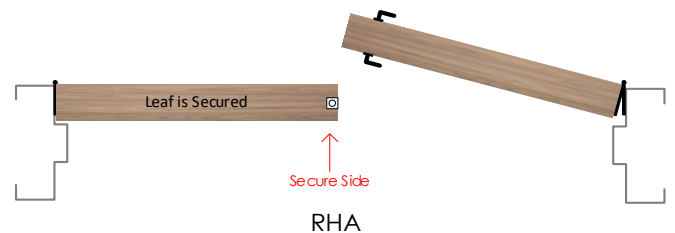
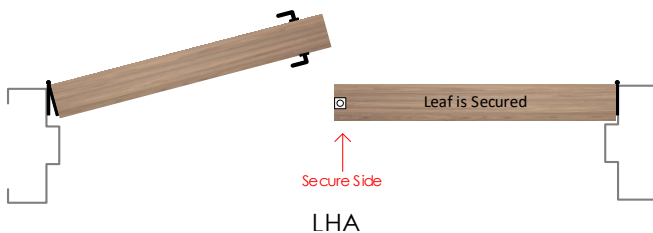
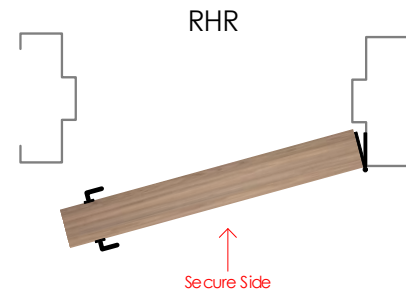
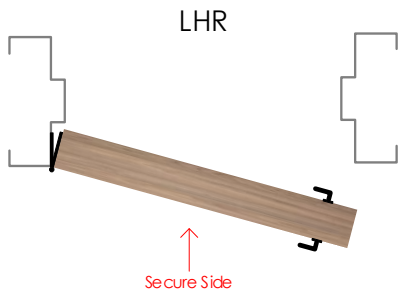
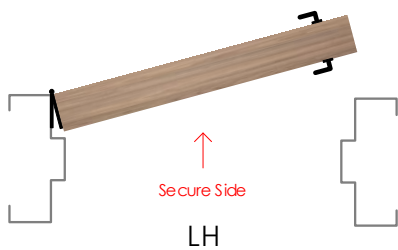
	Steel	Stainless Steel	Brass/Bronze	Aluminum	Paint/Powder Coat	US/CAN
Clear Anodized				628	689	US28
Satin Nickel	646		619	670		US15
Polished Nickel	645		618	669		US14
Satin Stainless Steel		630				US32D
Polished Stainless Steel		629				US32
Satin Chrome	652		626	702		US26D
Polished Chrome	651		625	672		US26
Satin Brass	633		606	667	678	US4
Polished Brass	632		605	666	677	US5
Satin Bronze	639		612	668	680	US10
Oil Rubbed Bronze	640		613	703	695	US10B
Flat Black / Anodized Black	631		622	671	693	US19

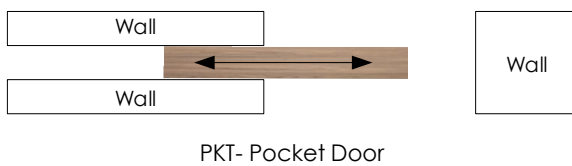
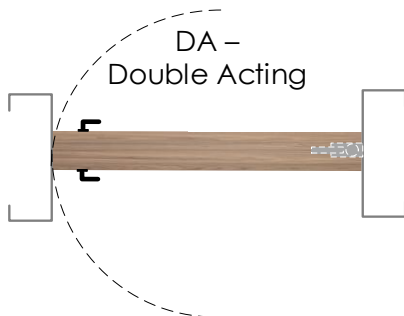
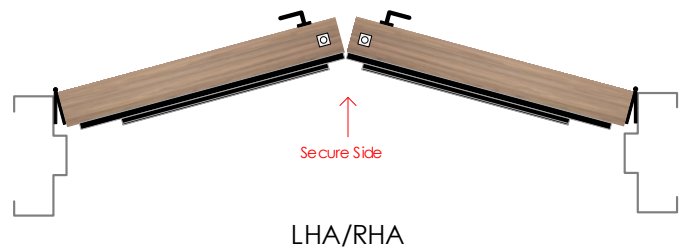
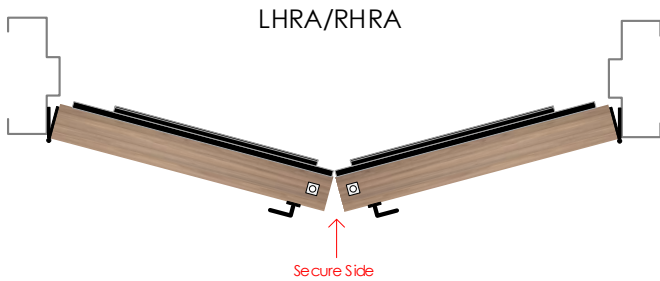
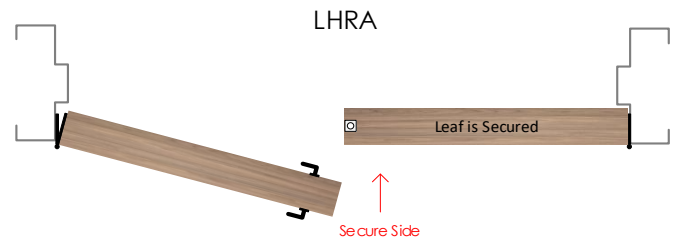
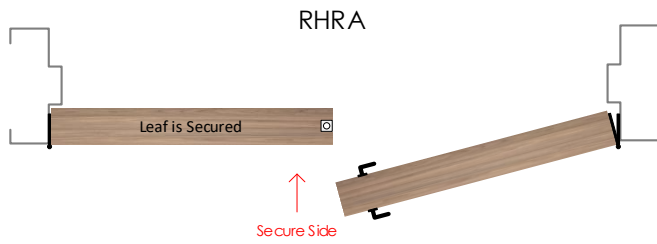
## Door Handing's

### Abbreviations

RH = Right Hand	RHA = Right Hand Active	SS = Single Slider
LH = Left Hand	LHA = Left Hand Active	BP = Bi-Parting Slider
RHR = Right Hand Reverse	RHA/LHA = Right & Left Hands Active	BF = Bi-Folding Slider
LHR = Left Hand Reverse	RHRA/LHRA = Right & Left Hand Reverse Active	TS = Telescopic Slider
RHRA = Right Hand Reverse Active	DA = Double Acting	PKT = Pocket Slider
LHRA = Left Hand Reverse Active	DE = Double Egress	

**NOTE:** The handing of a swing door is determined by placing yourself on the secured or keyed side of the door.







**NOTE:** Only those products / brands listed here are acceptable and should be used to form a bid price. No unsolicited products will be considered. If acceptable alternates are listed here those too can be used to form a bid price provided, they are exactly the same as the specified item. If using an alternate product to form a price it is the bidder's responsibility to ensure that product is identical in every way to the specified item. If no alternates are listed, no alternate products are acceptable.

[illegible]

## Symbols



- Door has a fire rating and all associated hardware must have a fire label to suit. Must comply with local requirements.



- Door is automatic and is equipped with an auto operator. Door must meet local barrier free codes



- Door has an electrical requirement and requires power to be brought to the appropriate location above the door or to the latch, for either security or barrier free applications. Refer to security & electrical drawings for further information.



- Door requires security card access. Refer to security / electrical drawings for further information.

## Abbreviations

### Door:

HMD = Hollow Metal Door  
IHMD = Insulated Hollow Metal Door  
ALD = Aluminum Door  
SSD = Stainless Steel Door  
ISSD = Insulated Stainless Steel Frame  
STL = Steel Door  
IC-ALD = Insulated Clad Aluminum Door  
SCWD = Solid Core Wood Door  
HCWD = Hollow Core Wood Door  
FGD = Frameless Glass Door  
FRP = Fiberglass Reinforced Plastic Door  
OHD = Overhead Door

### Frame:

HMF = Hollow Metal Frame  
ALF = Aluminum Frame  
Cased Open HMF = Cased Open Hollow Metal Frame  
SSF - Stainless Steel Frame  
STL = Steel Frame  
WDF = Wood Frame  
Cased Open WDF = Cased Open Wood Frame  
Cased Open Drywall = Cased Open Drywall

### Fire Ratings:

0 HR – Zero Hour Fire Rating / Smoke Barrier  
20 MIN – 20 Minute Fire Rating  
¾ HR – 45 Minute Fire rating  
1 ½ HR – 90 Minute Fire Rating  
2 HR – 120 Minute Fire Rating  
3 HR – 180 Minute Fire Rating

## Disclaimer

### Weblinks:






Weblinks do change from time to time as manufacturers move around their websites, please inform us if you have a nonfunctioning weblink.

## HARDWARE SCHEDULE

Heading# 1

Opening Information					
Opening Type:	Single	Opening Size:	1220 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

3	Total Openings							
1	Door#	2-101	Location:	Corridor 9	To	Minor Procedure #1	Handing:	LH
1	Door#	2-102	Location:	Corridor 9	To	Future Minor Procedure #2	Handing:	LH
1	Door#	2-103	Location:	Corridor 9	To	Minor Procedure #3	Handing:	LH

By Hardware Supplier					
3	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
3	Passage Set	L9010 x 06A	626 / US26D / Satin Chrome	Schlage	
3	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
3	Kickplate	K10A – 203 x 1182 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
3	Smoke / Sound Seal	W-66 x 5500	Black	KN Crowder	









.....End of Heading.....

November 18, 2025: removed card reader, electric lock &amp; power transfer

Heading# 2

Opening Information					
Opening Type:	Single	Opening Size:	965 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

1	Total Openings							
1	Door#	2-104	Location:	Corridor 8	To	Staff Lounge 4	Handing:	LH

By Hardware Supplier					
1	Continuous Hinge	700 x 2108 x HT <del>x EPT</del>	630 / US32D / Satin Stainless Steel	Ives	
+	<del>Power Transfer</del>	<del>EPT-10</del>	<del>628 / US28 / Clear Anodized</del>	<del>Von Duprin</del>	
+	<del>Electric Storeroom Lockset</del>	<del>RX-L9092 EU x 06A x KA</del>	<del>626 / US26D / Satin Chrome</del>	<del>Schlage</del>	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Track Closer w Drop Plate	4041XPT-REG x 4040XP-18G Drop Plate (LCN ST 3182)	689 / US28 / Painted Aluminum	LCN	
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Kickplate	K10A – 203 x 927 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5300	Black	KN Crowder	
By Security Supplier					
+	<del>Card Reader</del>	<del>To Suit Building System, By Security Supplier</del>			
+	<del>Door Contact</del>	<del>To Suit Building System, By Security Supplier</del>			
+	<del>Access Controller</del>	<del>To Suit Building System, By Security Supplier</del>			
x	<del>Rex Sensor</del>	<del>In Lockset, Security to Wire</del>			
+	<del>Power Supply</del>	<del>In Central IT Location</del>			
By Owner					
1	Permanent Cylinder	By Hospital Locksmith			

-----End of Heading-----








November 18, 2025: moved door to heading 3b

Heading#

3a

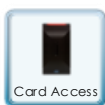
Opening Information					
Opening Type:	Single	Opening Size:	965 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

1	Total Openings							
1	Door#	2-105	Location:	Staff Lounge 4	To	Washroom	Handing:	LH
+	Door#	2-106	Location:	Staff Lounge 4	To	Change Room 6	Handing:	RH

By Hardware Supplier					
1	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
1	Privacy Set w Indicator	L9040 x 06A x OS-LOC	626 / US26D / Satin Chrome	Schlage	
1	Track Closer w Drop Plate	4041XPT-REG x 4040XP-18G Drop Plate (LCN ST 3182)	689 / US28 / Painted Aluminum	LCN	
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Kickplate	K10A – 203 x 927 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5300	Black	KN Crowder	
1	Door Bottom	CT-54 x 965	719 Milled Aluminum	KN Crowder	

-----End of Heading-----

November 18, 2025: added card reader &amp; supporting hardware



Heading#

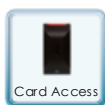
3b

Opening Information					
Opening Type:	Single	Opening Size:	965 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

2	Total Openings							
1	Door#	2-106	Location:	Staff Lounge 4	To	Change Room 6	Handing:	RH

By Hardware Supplier					
1	Continuous Hinge	700 x 2108 x HT x EPT	630 / US32D / Satin Stainless Steel	Ives	
+	<del>Privacy Set w Indicator</del>	<del>L9040 x 06A x OS LOC</del>	<del>626 / US26D / Satin Chrome</del>	<del>Schlage</del>	<del></del>
1	Power Transfer	EPT-10	628 / US28 / Clear Anodized	Von Duprin	
1	Electric Storeroom Lockset	RX-L9092 EU x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Track Closer w Drop Plate	4041XPT-REG x 4040XP-18G Drop Plate (LCN ST 3182)	689 / US28 / Painted Aluminum	LCN	
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Kickplate	K10A – 203 x 927 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5300	Black	KN Crowder	
1	Door Bottom	CT-54 x 965	719 Milled Aluminum	KN Crowder	
By Security Supplier					
1	Card Reader	To Suit Building System, By Security Supplier			
1	Door Contact	To Suit Building System, By Security Supplier			
1	Access Controller	To Suit Building System, By Security Supplier			
x	Rex Sensor	In Lockset, Security to Wire			
1	Power Supply	In Central IT Location			
By Owner					
1	Permanent Cylinder	By Hospital Locksmith			

-----End of Heading-----



Heading#

4a

## Opening Information

<b>Opening Type:</b>	Single	<b>Opening Size:</b>	1065 x 2135 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

<b>1</b>	<b>Total Openings</b>							
1	<b>Door#</b>	2-115	<b>Location:</b>	Team Station 27	To	Med Room 15	<b>Handing:</b>	LH

## By Hardware Supplier

1	Continuous Hinge	700 x 2108 x HT x EPT	630 / US32D / Satin Stainless Steel	Ives	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	
1	Overhead Stop	105S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Armour Plate	K10A – 864 x 1027 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder	
1	Door Bottom	CT-54 x 1065	719 Milled Aluminum	KN Crowder	

## By Automatic Operator Supplier

1	Auto Operator	ED250-SA-FC-PRO-SGL-PULL-NH-CL-45-19	628 / US28 / Clear Anodized	Dormakaba	
2	Wave Buttons	CM-331/42SW-SGLR	630 / US32D / Satin Stainless Steel	Camden	
2	Surface Mount Box	CM-43CBLA	Black	Camden	
1	Logic Relay	CX-33		Camden	

## By Security Supplier

1	Card Reader	To Suit Building System, By Security Supplier			
1	Door Contact	To Suit Building System, By Security Supplier			
1	Access Controller	To Suit Building System, By Security Supplier			
1	Rex Sensor	To Suit Building System, By Security Supplier			
1	Power Supply	In Central IT Location			

## Notes:

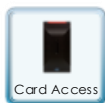
- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit with pull cords to back boxes for actuators, lights / sounders are to be provided by the electrical contractor. Electrical contractor to provide low voltage wires to actuator locations as required.

- 
- Electrical contractor to confirm quantity of wires and wire locations with auto door operator supplier prior to pulling wires.

-----End of Heading-----



November 18, 2025: removed card reader &amp; relay



Heading#

4b

## Opening Information

Opening Type:	Single	Opening Size:	1115 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

3	Total Openings							
1	Door#	2-107	Location:	Corridor 8	To	Soiled Utility Room 7	Handing:	LH
1	Door#	2-110	Location:	Corridor 9	To	Clean Supply Room 10	Handing:	LH
1	Door#	2-111	Location:	Corridor 9	To	Clean Equipment Storage 11	Handing:	RH

## By Hardware Supplier

3	Continuous Hinge	700 x 2108 x HT x EPT	630 / US32D / Satin Stainless Steel	Ives	
3	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
3	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	
3	Overhead Stop	105S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
3	Armour Plate	K10A – 864 x 1080 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
3	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder	
3	Door Bottom	CT-54 x 1115	719 Milled Aluminum	KN Crowder	

## By Automatic Operator Supplier

3	Auto Operator	ED250-SA-FC-PRO-SGL-PULL-NH-CL-47-19	628 / US28 / Clear Anodized	Dormakaba	
6	Wave Buttons	CM-331/42SW-SGLR	630 / US32D / Satin Stainless Steel	Camden	
6	Surface Mount Box	CM-43CBLA	Black	Camden	
3	Logic Relay	CX-33		Camden	

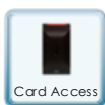
## By Security Supplier

3	Card Reader	To Suit Building System, By Security Supplier			
3	Door Contact	To Suit Building System, By Security Supplier			
3	Access Controller	To Suit Building System, By Security Supplier			
3	Rex Sensor	To Suit Building System, By Security Supplier			
3	Power Supply	In Central IT Location			

## Notes:

- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit with pull cords to back boxes for actuators, lights / sounders are to be provided by the electrical contractor. Electrical contractor to provide low voltage wires to actuator locations as required.
- Electrical contractor to confirm quantity of wires and wire locations with auto door operator supplier prior to pulling wires.

-----End of Heading-----



Heading#

5

## Opening Information

Opening Type:	Single	Opening Size:	1220 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

## 1 Total Openings

1	Door#	2-108A	Location:	Corridor 9	To	Corridor 8	Handing:	RH
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## By Hardware Supplier

1	Continuous Hinge	700 x 2108 x HT x EPT	630 / US32D / Satin Stainless Steel	Ives	
1	Power Transfer	EPT-10	628 / US28 / Clear Anodized	Von Duprin	
1	Electric Storeroom Lockset	RX-L9092 EU x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Track Closer w Drop Plate	4041XPT-REG x 4040XP-18G Drop Plate (LCN ST 3182)	689 / US28 / Painted Aluminum	LCN	
1	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Armour Plate	K10A – 864 x 1156 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Armour Plate	K10A – 864 x 1170 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Edge Guard	K38 x 2135 (cutout for latch)	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5500	Black	KN Crowder	

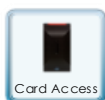
## By Security Supplier

1	Card Reader	To Suit Building System, By Security Supplier			
1	Door Contact	To Suit Building System, By Security Supplier			
1	Access Controller	To Suit Building System, By Security Supplier			
x	Rex Sensor	In Lockset, Security to Wire			
1	Power Supply	In Central IT Location			

## By Owner

1	Permanent Cylinder	By Hospital Locksmith			
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-----End of Heading-----



Heading#

6

## Opening Information

<b>Opening Type:</b>	Single	<b>Opening Size:</b>	1065 x 2135 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

## 1 Total Openings

1	<b>Door#</b>	2-108B	<b>Location:</b>	Corridor 32	To	Corridor 8	<b>Handing:</b>	LH
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## By Hardware Supplier

1	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	
1	Overhead Stop	105S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Armour Plate	K10A – 203 x 1002 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Armour Plate	K10A – 203 x 1014 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Edge Guard	K38 x 2135 (cutout for latch)	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder	
1	Door Sweep	CT-54 x 1065	719 Milled Aluminum	KN Crowder	

## By Automatic Operator Supplier

1	Auto Operator	ED250-SA-FC-PRO-SGL-PULL-NH-CL-45-19	628 / US28 / Clear Anodized	Dormakaba	
2	Wave Buttons	CM-331/42SW-SGLR	630 / US32D / Satin Stainless Steel	Camden	
2	Surface Mount Box	CM-43CBLA	Black	Camden	
1	Logic Relay	CX-33		Camden	

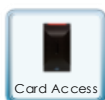
## By Security Supplier

1	Card Reader	To Suit Building System, By Security Supplier			
1	Door Contact	To Suit Building System, By Security Supplier			
1	Access Controller	To Suit Building System, By Security Supplier			
1	Rex Sensor	To Suit Building System, By Security Supplier			
1	Power Supply	In Central IT Location			

## Notes:

- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit with pull cords to back boxes for actuators, lights / sounders are to be provided by the electrical contractor. Electrical contractor to provide low voltage wires to actuator locations as required.
- Electrical contractor to confirm quantity of wires and wire locations with auto door operator supplier prior to pulling wires.

-----End of Heading-----



Heading#

7

## Opening Information

<b>Opening Type:</b>	Single	<b>Opening Size:</b>	1220 x 2135 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

## 1 Total Openings

1	<b>Door#</b>	2-109	<b>Location:</b>	Corridor 32	From	Corridor 9	<b>Handing:</b>	LHR
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## By Hardware Supplier

1	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	
1	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Armour Plate	K10A – 864 x 1156 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Armour Plate	K10A – 864 x 1170 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Edge Guard	K38 x 2135 (cutout for latch)	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5500	Black	KN Crowder	
1	Door Sweep	W-24S x 1220	719 Milled Aluminum	KN Crowder	

## By Automatic Operator Supplier

1	Auto Operator	ED250-SA-FC-PRO-SGL-PUSH-NH-CL-51-19	628 / US28 / Clear Anodized	Dormakaba	
2	Wave Buttons	CM-331/42SW-SGLR	630 / US32D / Satin Stainless Steel	Camden	
2	Surface Mount Box	CM-43CBLA	Black	Camden	
1	Logic Relay	CX-33		Camden	

## By Security Supplier

1	Card Reader	To Suit Building System, By Security Supplier			
1	Door Contact	To Suit Building System, By Security Supplier			
1	Access Controller	To Suit Building System, By Security Supplier			
1	Rex Sensor	To Suit Building System, By Security Supplier			
1	Power Supply	In Central IT Location			

## Notes:

- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit with pull cords to back boxes for actuators, lights / sounders are to be provided by the electrical contractor. Electrical contractor to provide low voltage wires to actuator locations as required.
- Electrical contractor to confirm quantity of wires and wire locations with auto door operator supplier prior to pulling wires.


-----End of Heading-----

Heading# 8

Opening Information					
Opening Type:	Existing	Opening Size:	Existing	STC Rating	None
Door Material:	Existing	Frame Material:	Existing	Fire Rating	None

1	Total Openings							
1	Door#	2-112	Location:	Corridor 32	To	Housekeeping 12	Handing:	LH

ALL OTHER EXISTING HARDWARE TO REMAIN / REUSE

By Hardware Supplier					
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
By Owner					
1	Permanent Cylinder	By Hospital Locksmith			

.....End of Heading.....





Heading#

9

## Opening Information

Opening Type:	Single	Opening Size:	1065 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

## 1 Total Openings

1	Door#	2-113	Location:	Corridor 30	To	Universal WC 13	Handing:	LH
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## By Hardware Supplier

1	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	
1	Overhead Stop	105S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Kickplate	K10A – 203 x 1027 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Kickplate	K10A – 203 x 1040 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder	
1	Door Bottom	CT-54 x 1065	719 Milled Aluminum	KN Crowder	

## By Automatic Operator Supplier

1	Auto Operator	ED100-SA-FC-PRO-SGL-PULL-NH-CL-45-19	628 / US28 / Clear Anodized	Dormakaba	
1	Wave to Lock Kit	CX-WC16	630 / US32D / Satin Stainless Steel	Camden	
1	Emergency Call Kit	CX-WEC10K2		Camden	

## By Owner

1	Permanent Cylinder	By Hospital Locksmith			
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## Notes:







- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit with pull cords to back boxes for actuators, lights / sounders are to be provided by the electrical contractor. Electrical contractor to provide low voltage wires to actuator locations as required.
- Electrical contractor to confirm quantity of wires and wire locations with auto door operator supplier prior to pulling wires.

-----End of Heading-----

Heading# 10

Opening Information					
Opening Type:	Single	Opening Size:	1065 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

1	Total Openings							
1	Door#	2-114	Location:	Corridor 30	To	IT Room 14	Handing:	LH

By Hardware Supplier					
1	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Track Closer w Drop Plate	4041XPT-REG x 4040XP-18G Drop Plate (LCN ST 3182)	689 / US28 / Painted Aluminum	LCN	
1	Overhead Stop	105S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Kickplate	K10A – 864 x 1027 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder	
By Owner					
1	Permanent Cylinder	By Hospital Locksmith			

-----End of Heading-----

Heading# 11

Opening Information					
Opening Type:	Single	Opening Size:	965 x 2135 x 45	STC Rating	None
Door Material:	HMD	Frame Material:	HMF	Fire Rating	None

<b>2</b>	Total Openings							
1	Door#	2-116	Location:	Corridor 30	To	Consult Room 16	Handing:	LH
1	Door#	2-118	Location:	Corridor 30	To	Eye Exam Room 18	Handing:	RH

By Hardware Supplier					
2	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
2	Passage Set	L9010 x 06A	626 / US26D / Satin Chrome	Schlage	
2	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
2	Kickplate	K10A – 203 x 927 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
2	Smoke / Sound Seal	W-66 x 5300	Black	KN Crowder	

.....End of Heading.....



Heading#

12

## Opening Information

<b>Opening Type:</b>	Single	<b>Opening Size:</b>	965 x 2135 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

## 1 Total Openings

1	<b>Door#</b>	2-117	<b>Location:</b>	Corridor 30	To	Patient WC 17	<b>Handing:</b>	RH
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## By Hardware Supplier

1	Continuous Hinge	700 x 2108 x HT	630 / US32D / Satin Stainless Steel	Ives	
1	Storeroom Lockset	L9080 x 06A x KA	626 / US26D / Satin Chrome	Schlage	
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES	
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
1	Kickplate	K10A – 203 x 927 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Kickplate	K10A – 203 x 940 x TAPE	630 / US32D / Satin Stainless Steel	Standard Metal	
1	Smoke / Sound Seal	W-66 x 5300	Black	KN Crowder	
1	Door Bottom	CT-54 x 965	719 Milled Aluminum	KN Crowder	

## By Automatic Operator Supplier

1	Auto Operator	ED100-SA-FC-PRO-SGL-PULL-NH-CL-41-19	628 / US28 / Clear Anodized	Dormakaba	
1	Wave to Lock Kit	CX-WC16	630 / US32D / Satin Stainless Steel	Camden	
1	Emergency Call Kit	CX-WEC10K2		Camden	

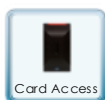
## By Owner

1	Permanent Cylinder	By Hospital Locksmith			
---	--------------------	-----------------------	--	--	--

## Notes:

- 120VAC is required at the head of the door for all barrier free door operators, 15A dedicated circuit. Wall/Frame must be reinforced for automatic operator mounting, all conduit with pull cords to back boxes for actuators, lights / sounders are to be provided by the electrical contractor. Electrical contractor to provide low voltage wires to actuator locations as required.
- Electrical contractor to confirm quantity of wires and wire locations with auto door operator supplier prior to pulling wires.

-----End of Heading-----



Heading#

13

## Opening Information

<b>Opening Type:</b>	Single	<b>Opening Size:</b>	1220 x 2135 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

## 2 Total Openings

1	<b>Door#</b>	2-127A	<b>Location:</b>	Corridor 32	To	Corridor 30	<b>Handing:</b>	RH
1	<b>Door#</b>	2-127B	<b>Location:</b>	Corridor 32	To	Corridor 30	<b>Handing:</b>	LH

## By Hardware Supplier

2	Continuous Hinge	700 x 2108 x HT x EPT	630 / US32D / Satin Stainless Steel	Ives	
2	Power Transfer	EPT-10	628 / US28 / Clear Anodized	Von Duprin	
2	Electric Storeroom Lockset	RX-L9092 EU x 06A x KA	626 / US26D / Satin Chrome	Schlage	
2	Track Closer w Hold Open & Drop Plate	4041 XPT-HBMP x 4040XP-18G Drop Plate (LCN ST 3182)	689 / US28 / Painted Aluminum	LCN	
2	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson	
2	Smoke / Sound Seal	W-66 x 5500	Black	KN Crowder	

## By Security Supplier

2	Card Reader	To Suit Building System, By Security Supplier			
2	Door Contact	To Suit Building System, By Security Supplier			
2	Access Controller	To Suit Building System, By Security Supplier			
x	Rex Sensor	In Lockset, Security to Wire			
2	Power Supply	In Central IT Location			

## By Owner

2	Permanent Cylinder	By Hospital Locksmith			
---	--------------------	-----------------------	--	--	--

.....End of Heading.....

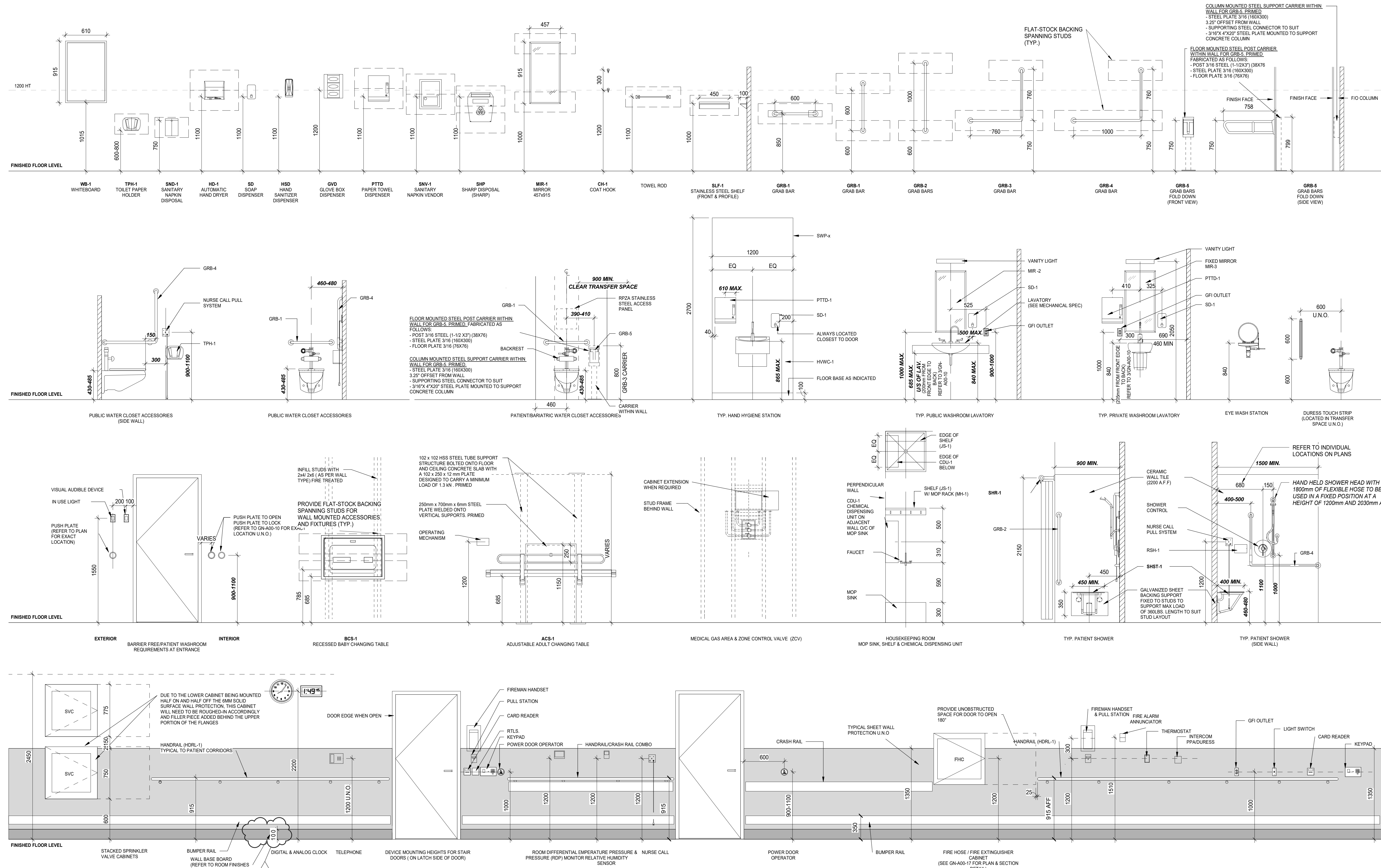
END OF SCHEDULE



2025-11-18 2:28:39 AM  
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TYPICAL MOUNTING HEIGHTS - FOR INFORMATION, USE AS APPLICABLE

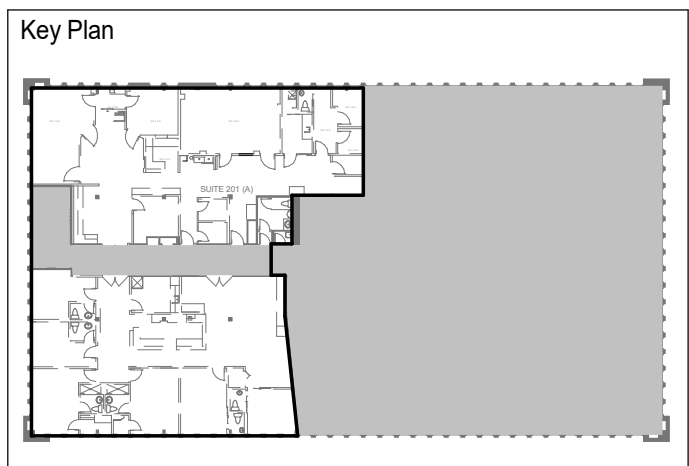
PROVIDE 18GA STEEL SUPPORT FOR ALL WALL MOUNTED EQUIPMENT



DATE	ISSUED FOR	REV
2025-10-03	75% CD Review	A
2025-10-29	For Client Review	B
2025-11-05	Tender & Permit	0
2025-11-19	Addendum 2	1

This drawing has been prepared solely for the use of OWNER and there are no representations of any kind made by NORR to any party with whom NORR has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer



Consultants	
Survey:	N/A
Civil:	N/A
Architecture:	NORR
Structural:	NORR
Mechanical:	Zdesign+ Ltd.
Electrical:	Zdesign+ Ltd.
Interiors:	NORR
Landscape:	N/A

Seal(s)



**NORR**

NORR OFFICE ADDRESS  
norr.com

Project Manager J. MOORE	Drawn G. MILANI
Project Leader G. MILANI	Checked J. MOORE



Project  
**MGH - Outpatient Ophthalmology Clinic**

20 Wynford Dr Suite 310, North York, ON M3C 1J4

Drawing Title  
**MOUNTING HEIGHTS**

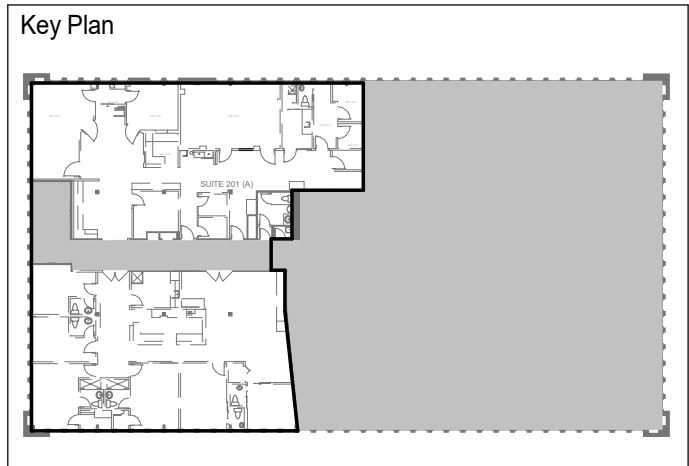
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Project No.	HS1025-0189
Drawing No.	A03-01



DATE	ISSUED FOR	REV
2025-10-03	75% CD Review	A
2025-10-29	For Client Review	B
2025-11-05	Tender & Permit	0
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Consultants	
Survey:	N/A
Civil:	N/A
Architecture:	NORR
Structural:	NORR
Mechanical:	Zdesign+ Ltd.
Electrical:	Zdesign+ Ltd.
Interiors:	NORR
Landscape:	N/A

Seal(s)

2

NORR

NORR OFFICE ADDRESS

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Project Manager J. MOORE	Drawn G. MILANI
Project Leader G. MILANI	Checked J. MOORE

Client

MICHAEL GARRON HOSPITAL

TORONTO EAST HEALTH NETWORK

825 Cowell Ave, East York, ON M4C 3E7

Project

**MGH - Outpatient Ophthalmology Clinic**

20 Wynnford Dr Suite 310, North York, ON M3C 1J4

Drawing Title

**DOOR & FRAME SCHEDULE**

Scale

As indicated

Project No.

HS1025-0189

Drawing No.

**A05-01**

ISO B1 Title Block - v.2023 - Rev (Sept23) - Copyright © 2023

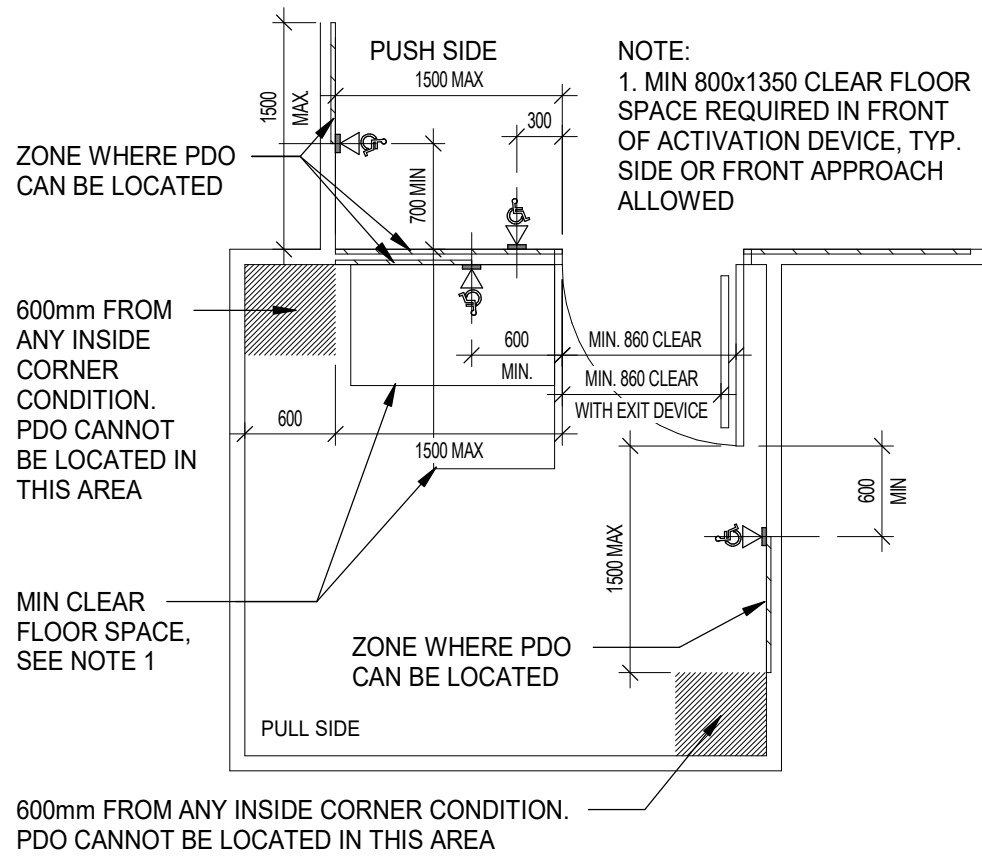
DOOR / FRAME LEGENDS & ABBREVIATIONS

LEGEND / ABBREVIATIONS	DOOR TYPES LEGEND
ALUM ALUMINUM	BF BIFOLD DOOR
ANOD ANODIZED	CD COILING DOOR
CLR CLEAR	CS COUNTER SHUTTER
DCRON DURACRON	DD DOUBLE SWING DOOR
DNAR DURANAR	GA GLAZED ALUMINUM DOOR
EXT EXTERIOR	GL GLASS DOOR
F FRAME	HD HANGAR DOOR
GA GLAZED ALUMINUM	ID IMPACT DOOR
GALVS GALVANIZED	OH OVERHEAD DOOR
GL-? GLASS (type)	RE REVOLVING DOOR
GL-TS TEMPERED SAFETY GLASS	RO ROLLING DOOR
GWG GEORGIAN WIRE GLASS	RR RAPID ROLL DOOR
HCW HOLLOW CORE WOOD	SD SINGLE SWING DOOR
HM HOLLOW METAL	SL SLIDING DOOR
HR HOUR	SP SPECIAL DOOR (define and detail)
INS INSULATED	
MIN MINUTE	
NA NOT APPLICABLE	
NF NO FRAME (FRAMELESS)	
PC POWDER COAT	
PS PRESSED STEEL	
PT PAINTED	
SCWD SOLID CORE WOOD	
SST STAINLESS STEEL	
STL STEEL	
WD WOOD	
VV WOOD VENEER	

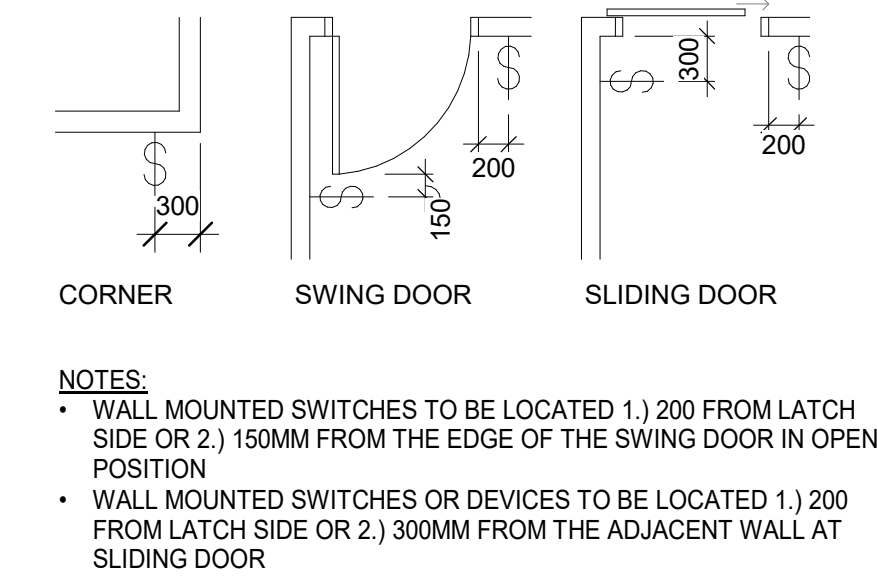
DOOR AND FRAME GENERAL NOTES

1. REFER TO SPECIFICATIONS OR FINISH IDENTIFICATION SCHEDULE FOR DESCRIPTION OF FINISHES AND COLOURS

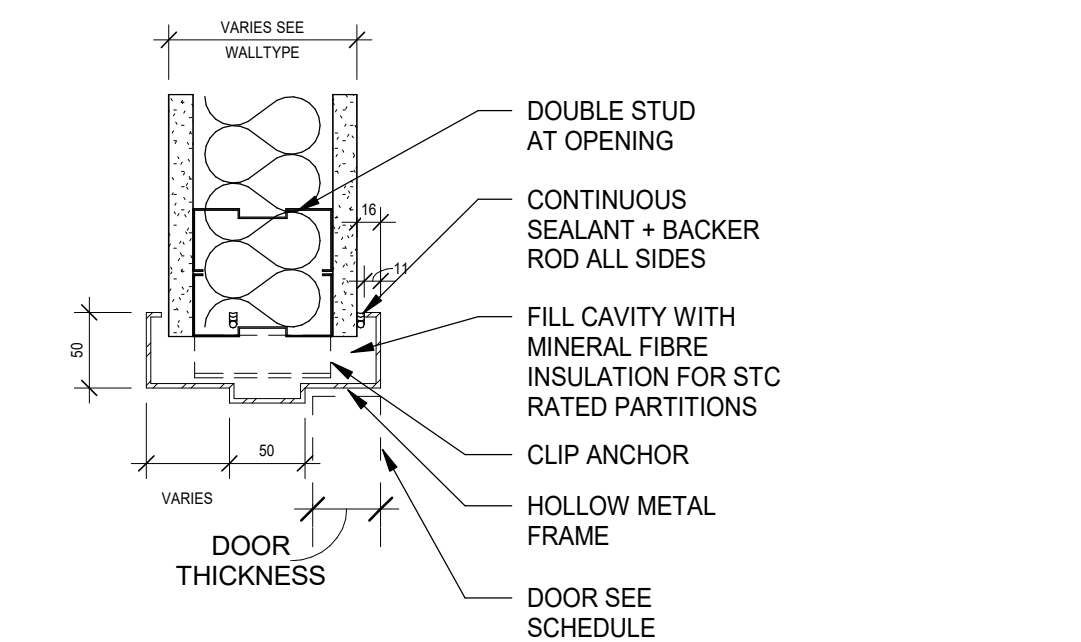
PLAN VIEW - DOOR OPERATOR LOCATION



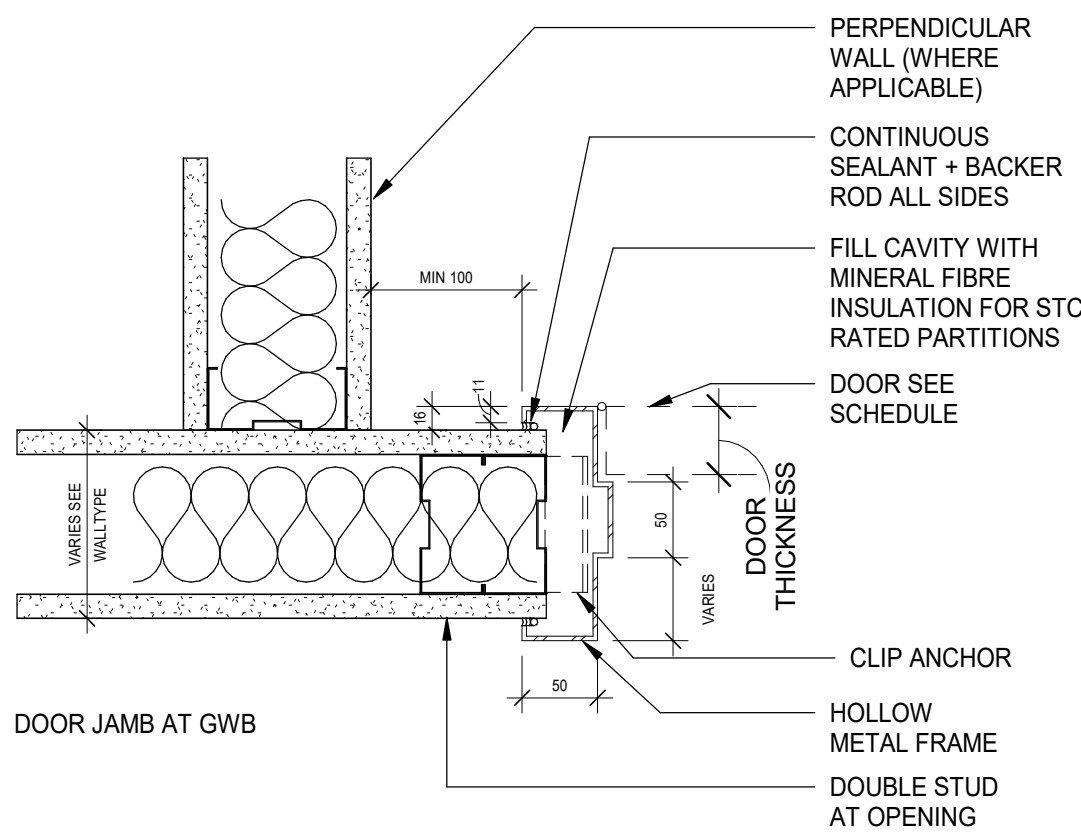
PLAN VIEW - SWITCH/DEVICE LOCATION



2 DOOR OPERATOR LOCATION  
SCALE: 1 : 50



DOOR HEAD AT GWB

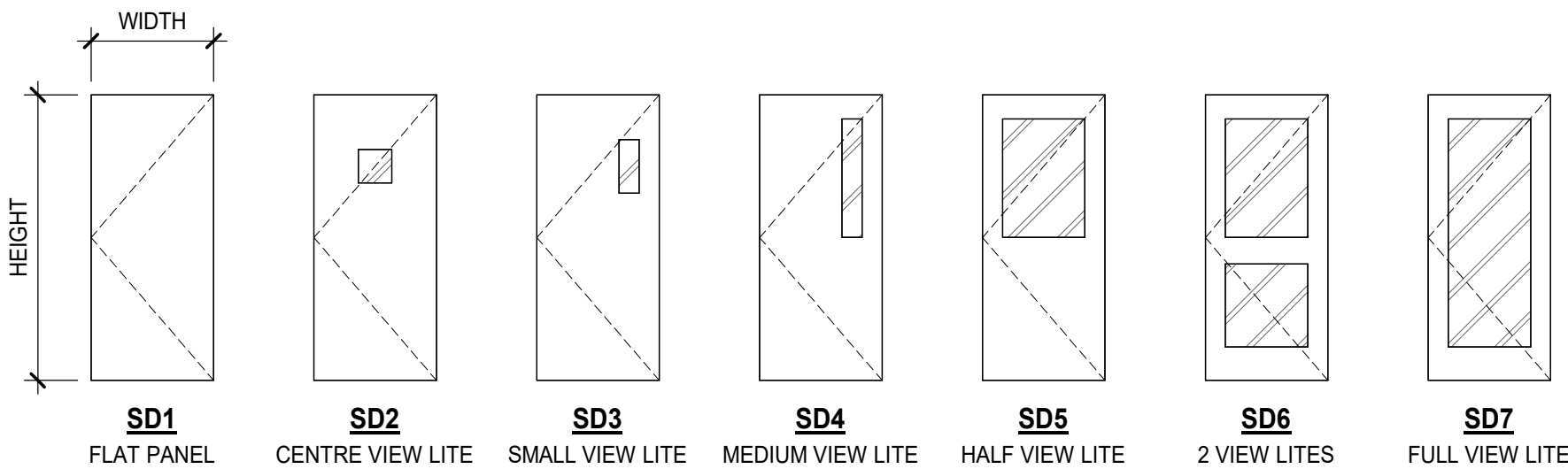


HOLLOW METAL FRAMES

1 DOOR FRAME DETAILS  
SCALE: 1 : 5

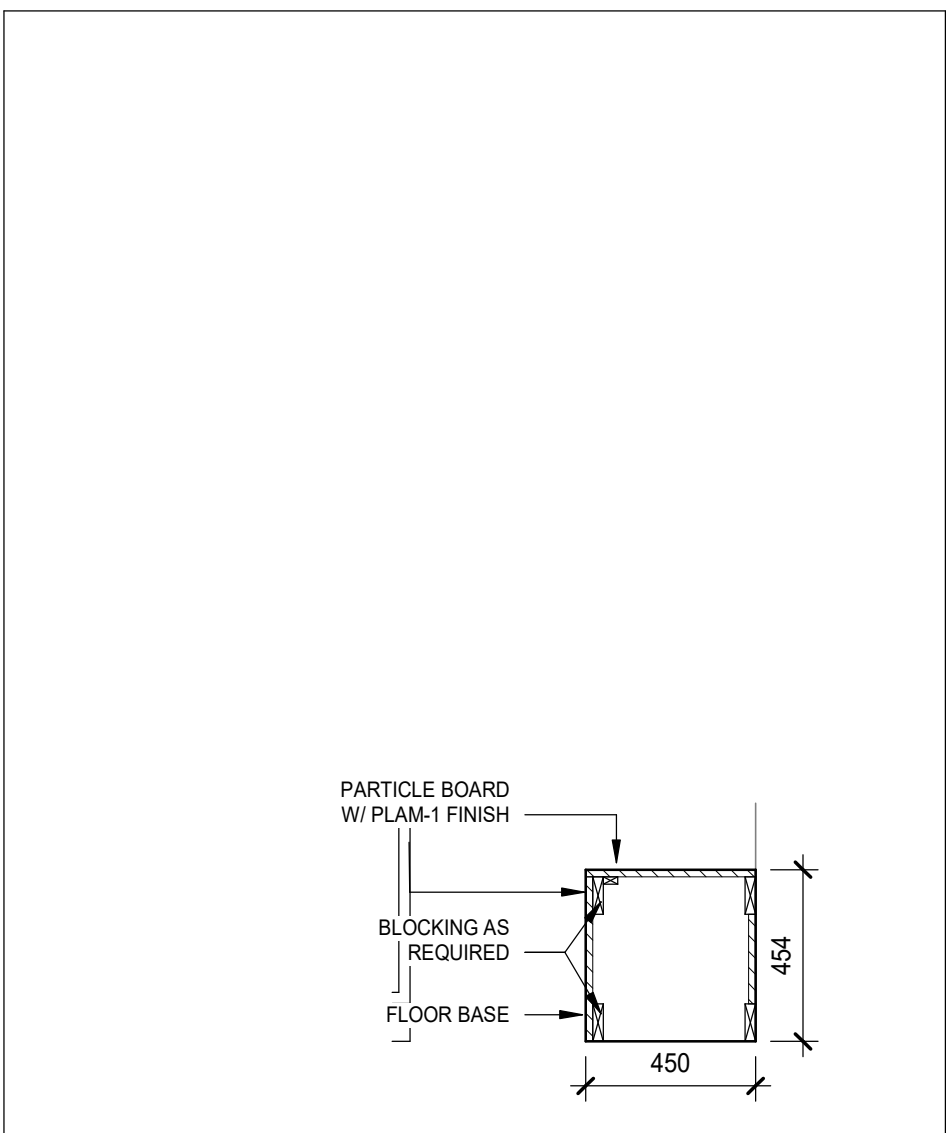
2 DOOR & FRAME SCHEDULE

DOOR PARAMETERS										FRAME PARAMETERS			FRAME PARAMETERS		OPENING PARAMETERS		COMMENTS
DOOR NO.	DIMENSIONS							OVERALL			FINISH	OPENING FRR	HDWR GROUP				
	FROM	TO	TYPE	WIDTH	HEIGHT	THK	MATL	FINISH	FRAME TYPE	WIDTH				HEIGHT	MATL		
2-101	9	1	SD4	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD			Add 3/4 frosting film on vision panel	
2-102	9	2	SD4	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD			Add 3/4 frosting film on vision panel	
2-103	9	3	SD4	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD				
2-104	8	4	SD4	965	2135	45	HM	PTD	F1	1065	2185	HM	PTD				
2-105	4	5	SD1	965	2135	45	HM	PTD	F1	1065	2185	HM	PTD				
2-106	4	6	SD1	965	2135	45	HM	PTD	F1	1065	2185	HM	PTD				
2-107	4	7	SD4	1115	2135	45	HM	PTD	F1	1215	2185	HM	PTD				
2-108A	9	8	SD5	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD		CR		
2-108B	37	6	SD4	1115	2135	45	HM	PTD	F1	1215	2185	HM	PTD		CR		
2-109	32	9	SD4	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD		CR	Door operator needed	
2-110	9	10	SD4	1115	2135	45	HM	PTD	F1	1215	2185	HM	PTD			Add 3/4 frosting film on vision panel	
2-111	9	11	SD4	1115	2135	45	HM	PTD	F1	1215	2185	HM	PTD			Add 3/4 frosting film on vision panel	
2-112	37	12	EXIST.	762	2135	45	HM	PTD	EXIST.	862	2185	HM	PTD		LOCK	Lock needed	
2-113	27	13	SD1	1065	2135	45	HM	PTD	F1	1165	2185	HM	PTD				
2-114	27	14	SD1	1005	2135	45	HM	PTD	F1	1105	2185	HM	PTD				
2-115	27	15	SD4	1065	2135	45	HM	PTD	F1	1165	2185	HM	PTD		CR	Add 3/4 frosting film on vision panel	
2-116	27	16	SD4	965	2135	45	HM	PTD	F1	1065	2185	HM	PTD			Add frosting film on vision panel	
2-117	27	17	SD1	965	2135	45	HM	PTD	F1	1065	2185	HM	PTD				
2-118	27	18	SD4	965	2135	45	HM	PTD	F1	1065	2185	HM	PTD			Add frosting film on vision panel	
2-127A	37	27	SD6	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD		CR	Door will stay open during business hours. hold open hardware needed.	
2-127B	37	27	SD6	1220	2135	45	HM	PTD	F1	1320	2185	HM	PTD		CR	Door will stay open during business hours. hold open hardware needed.	

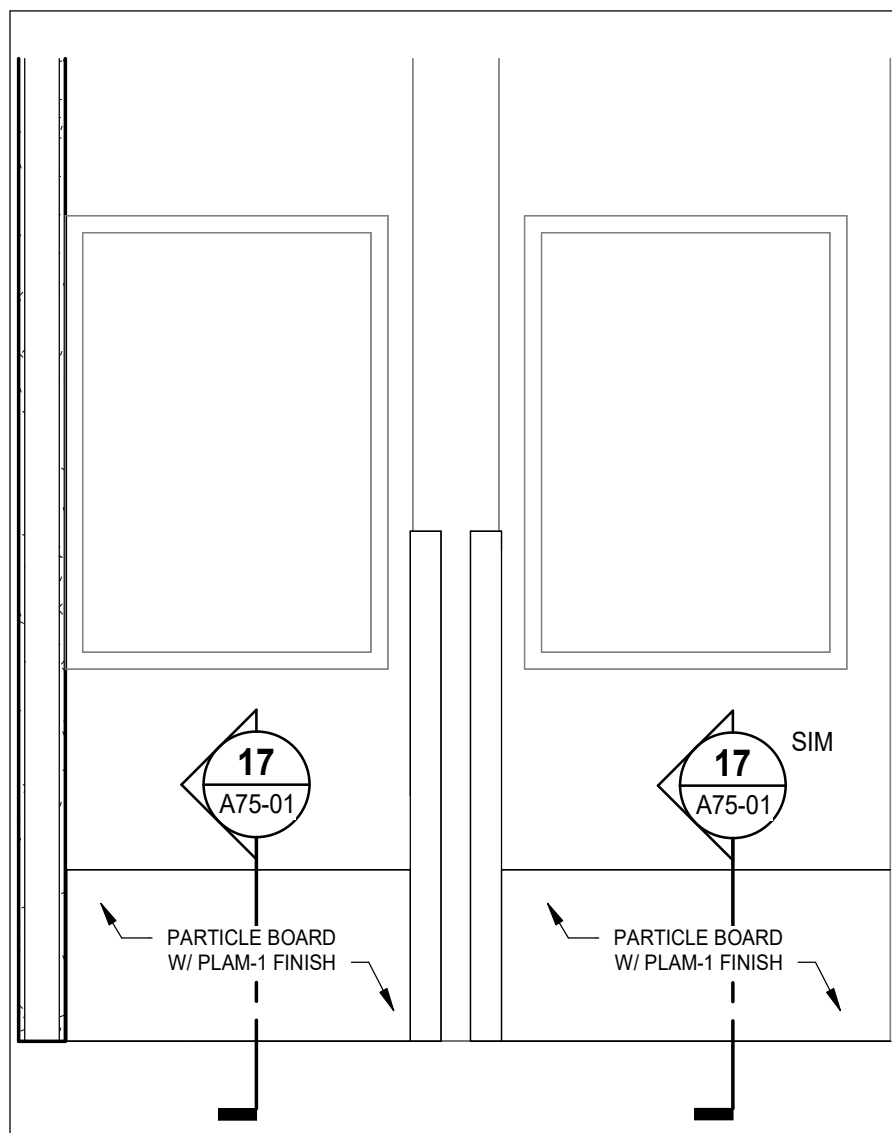


SINGLE SWING DOOR TYPES

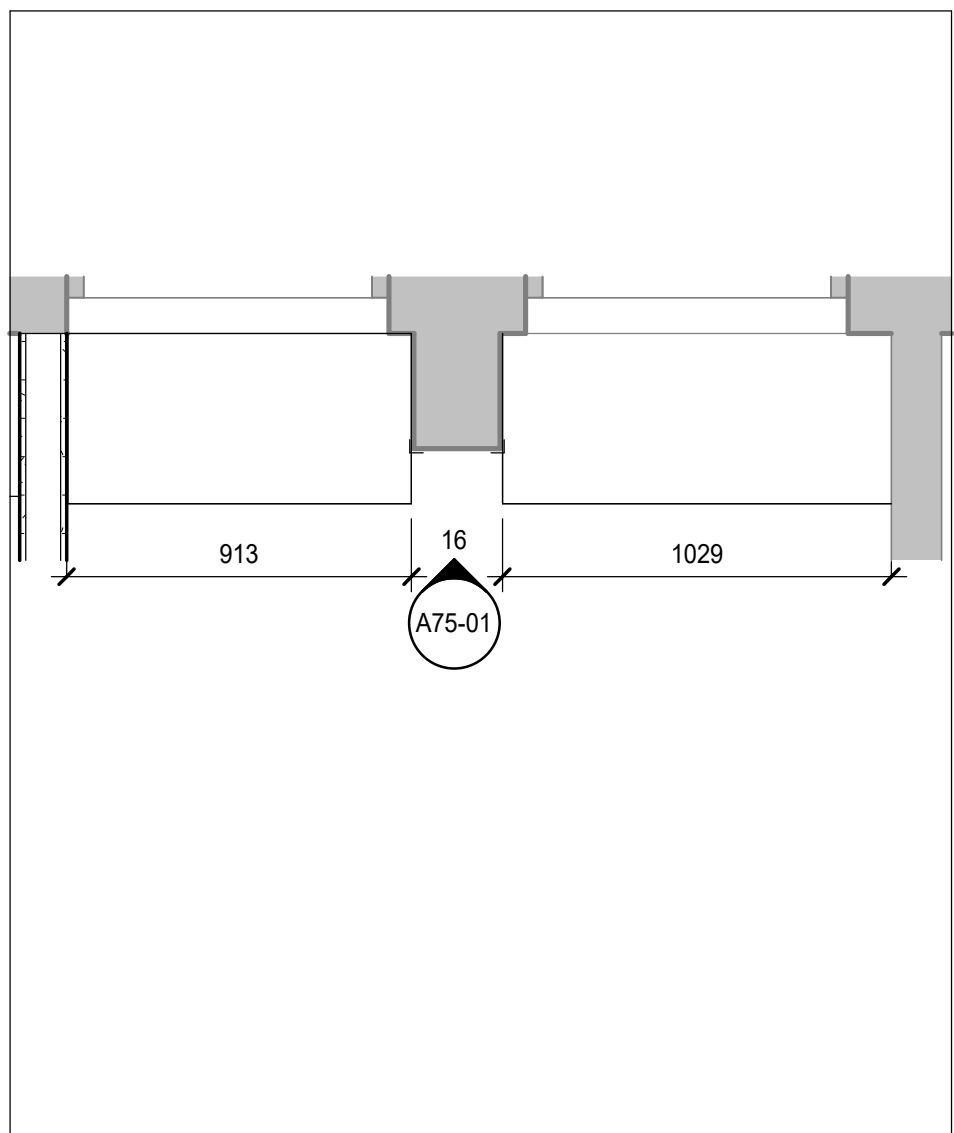




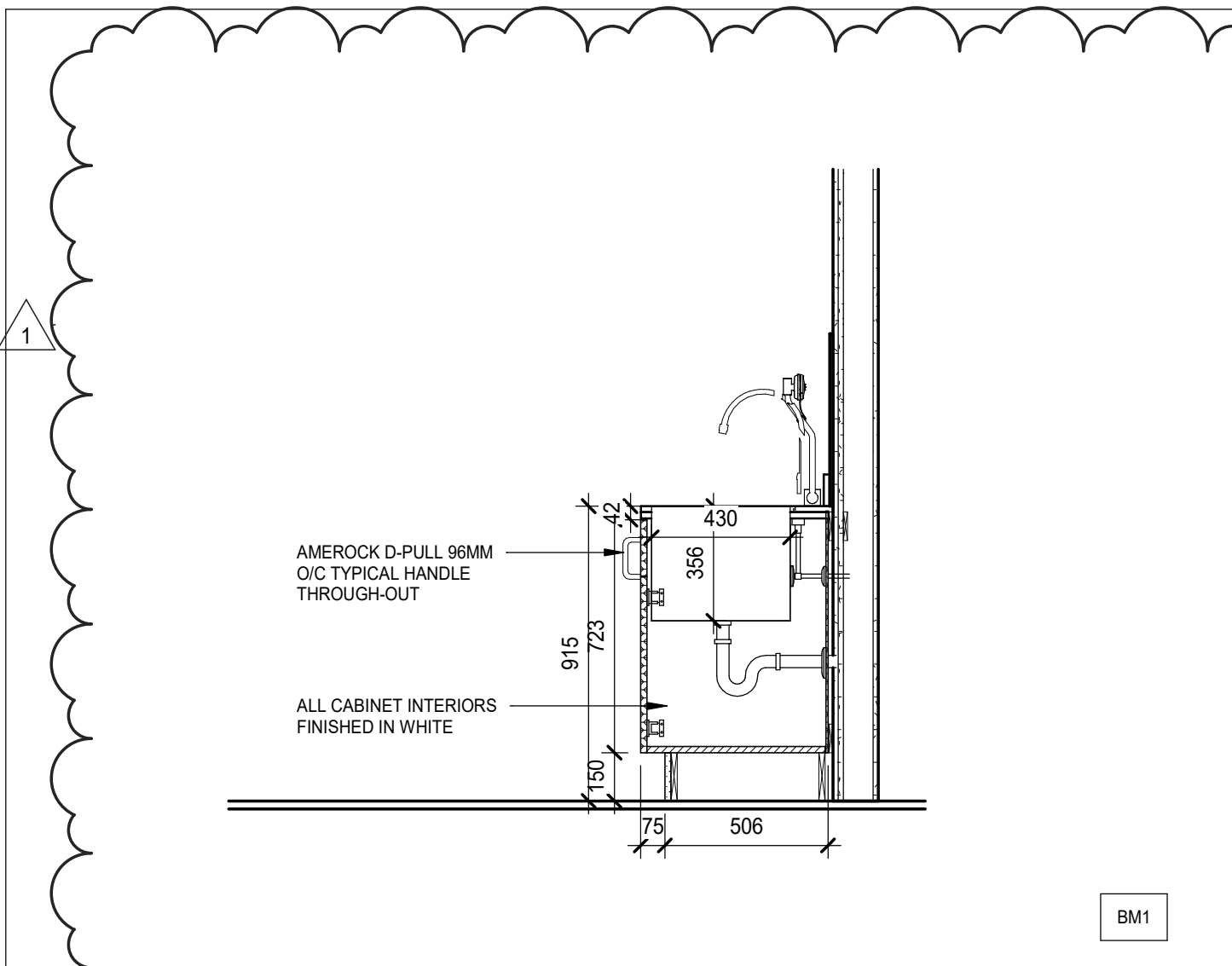
17 STAFF LOUNGE BENCH - SECTION  
A75-01 SCALE: 1 : 20



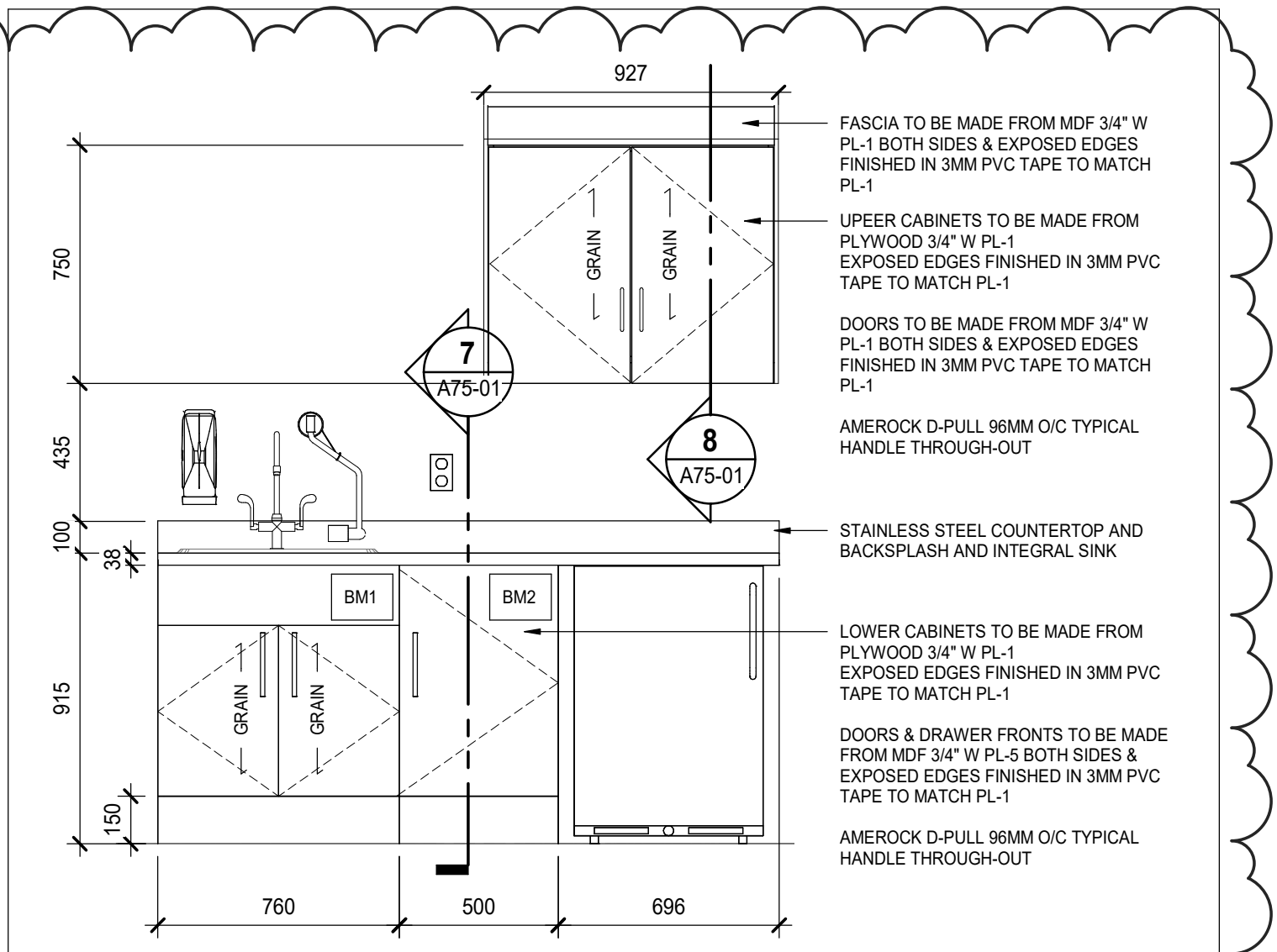
16 STAFF LOUNGE BENCH - ELEVATION  
A75-01 SCALE: 1 : 20



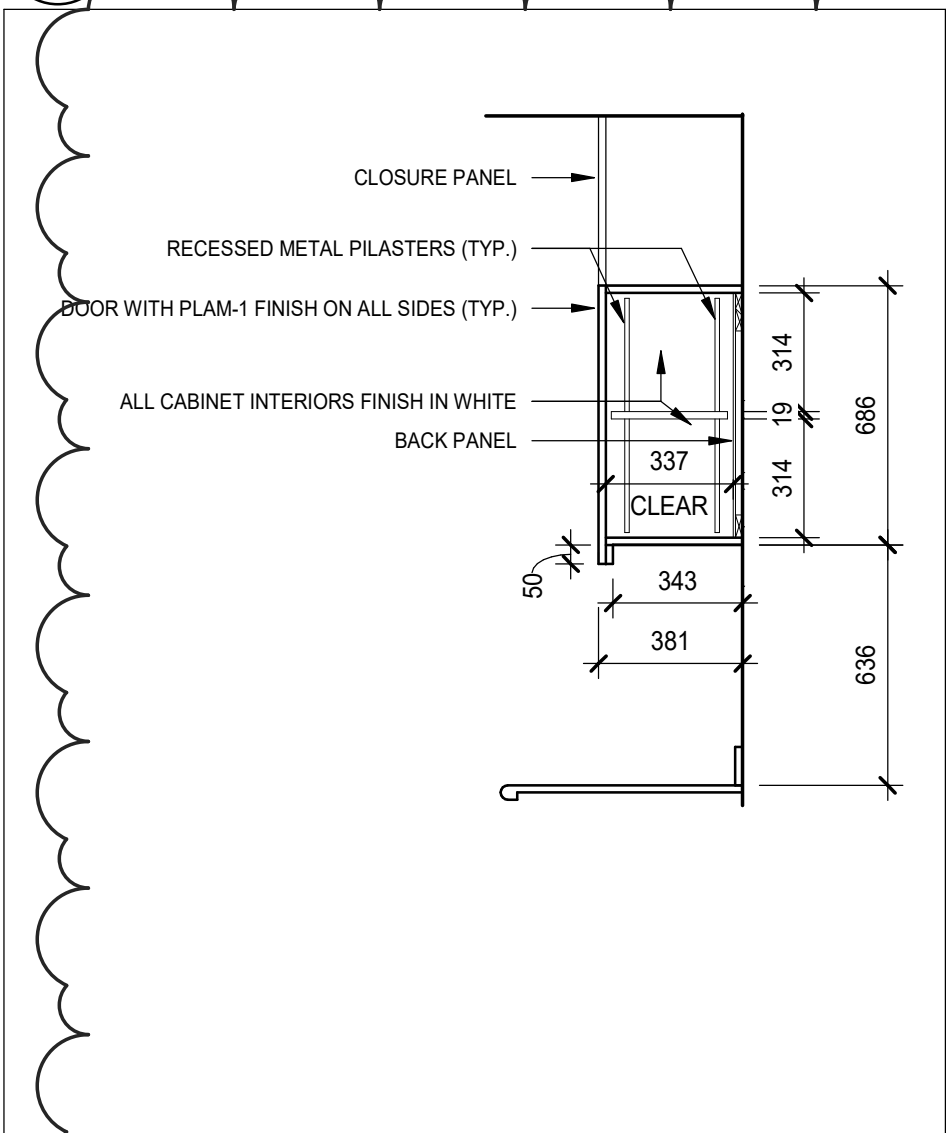
15 STAFF LOUNGE BENCH - PLAN  
A75-01 SCALE: 1 : 20



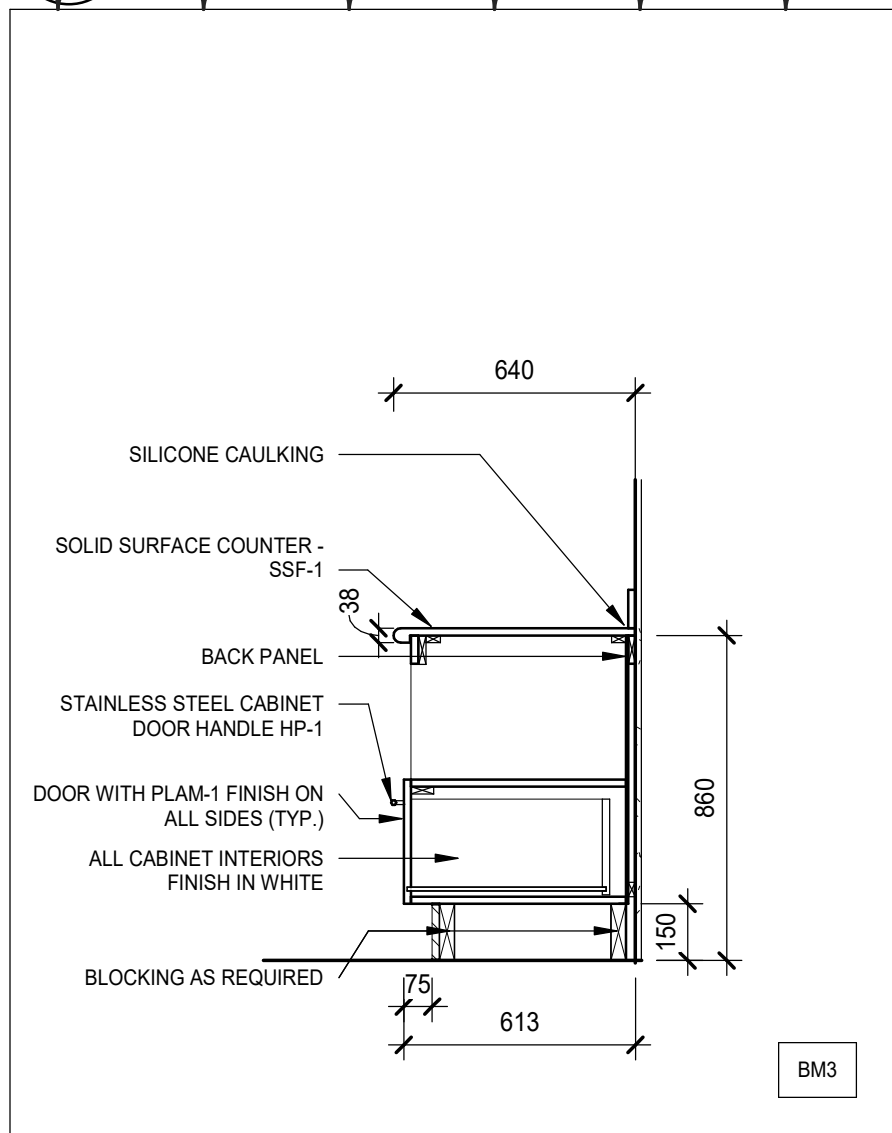
6 MED ROOM - SECTION - LOWER 1  
A75-01 SCALE: 1 : 20



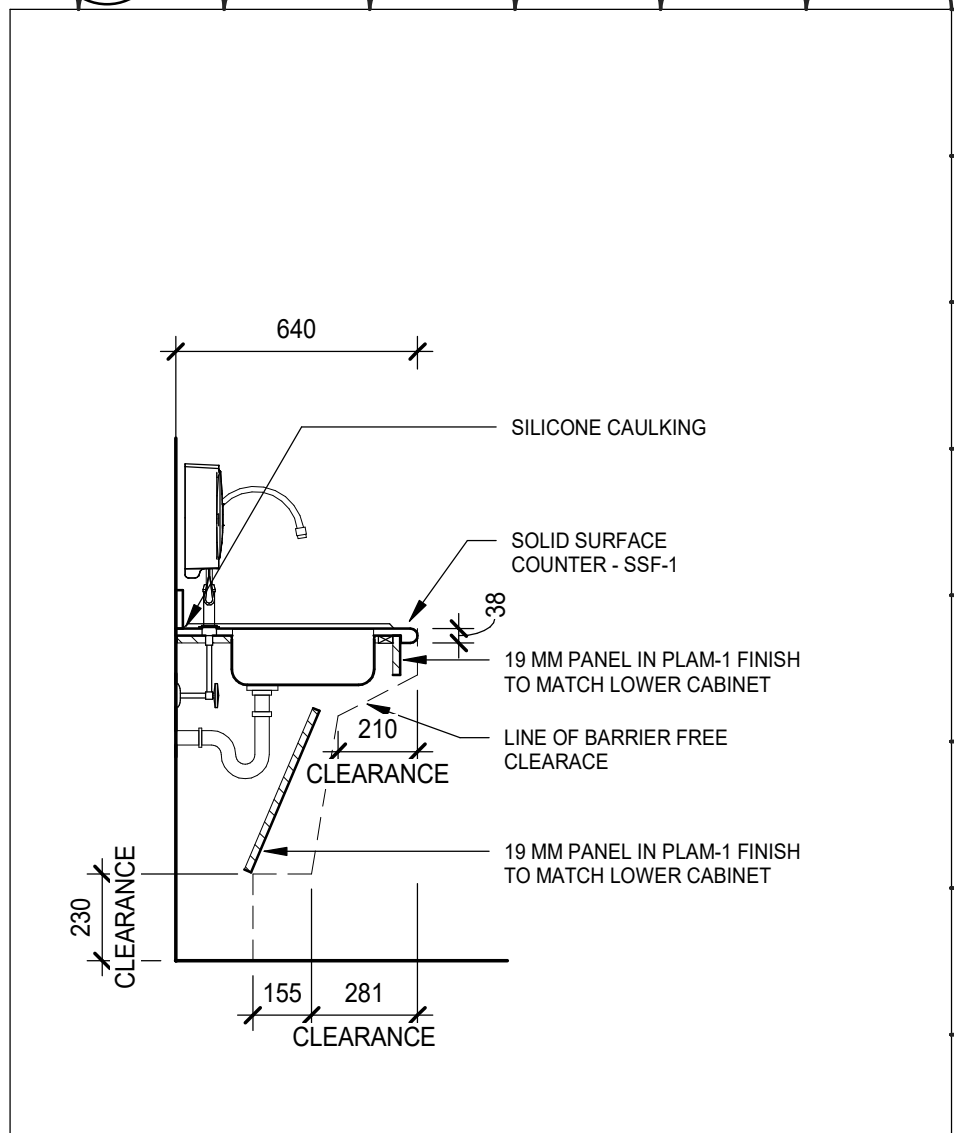
5 MED ROOM - ELEVATION  
A75-01 SCALE: 1 : 20



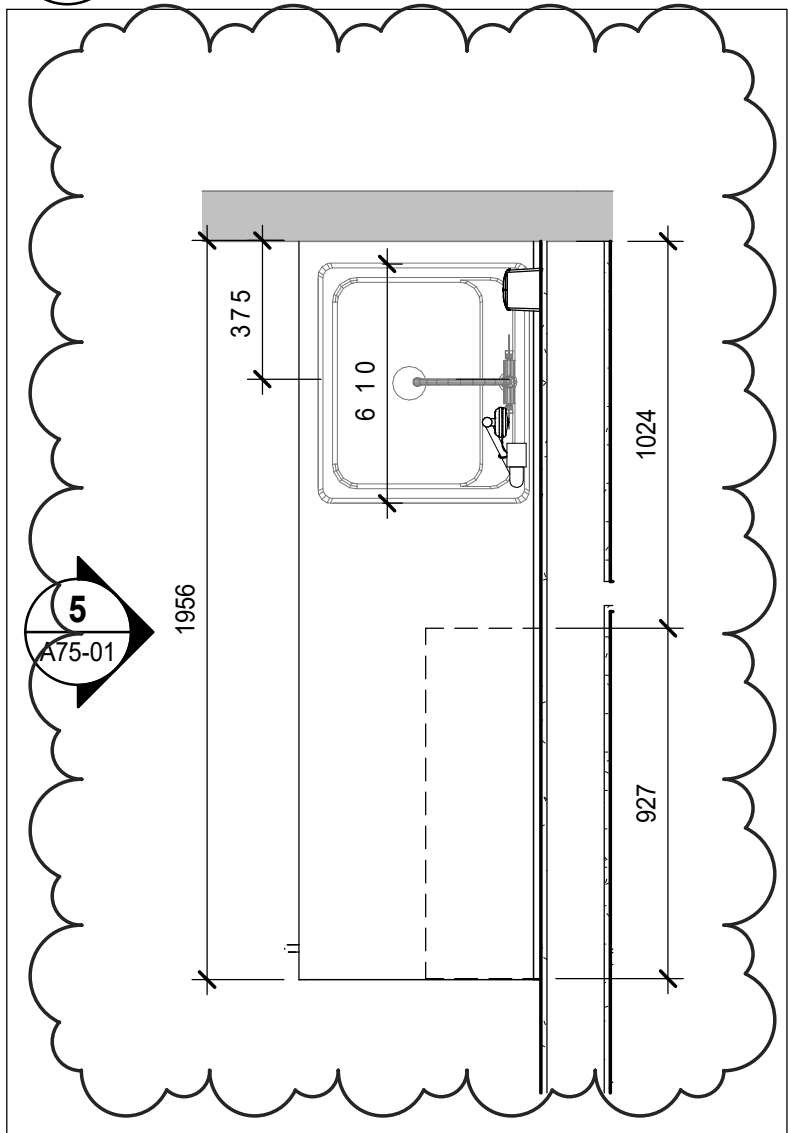
14 STAFF LOUNGE - SECTION UPPER 1  
A75-01 SCALE: 1 : 20



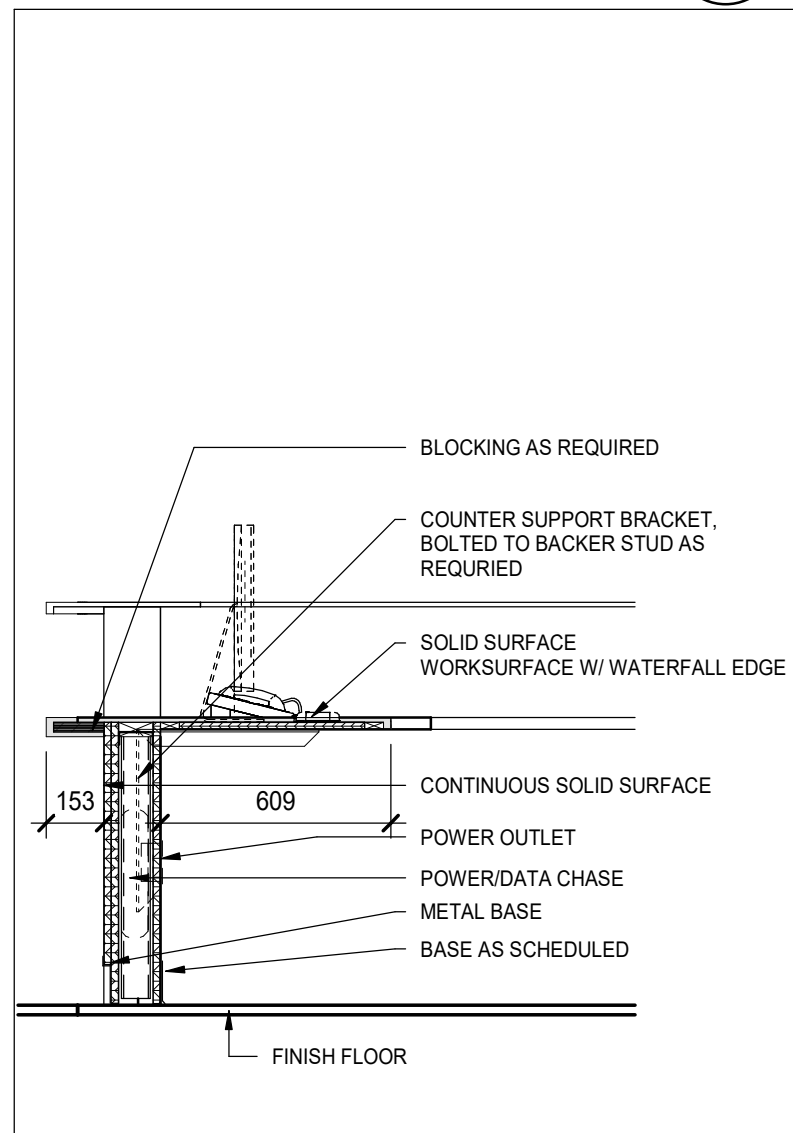
13 STAFF LOUNGE - SECTION - LOWER 2  
A75-01 SCALE: 1 : 20



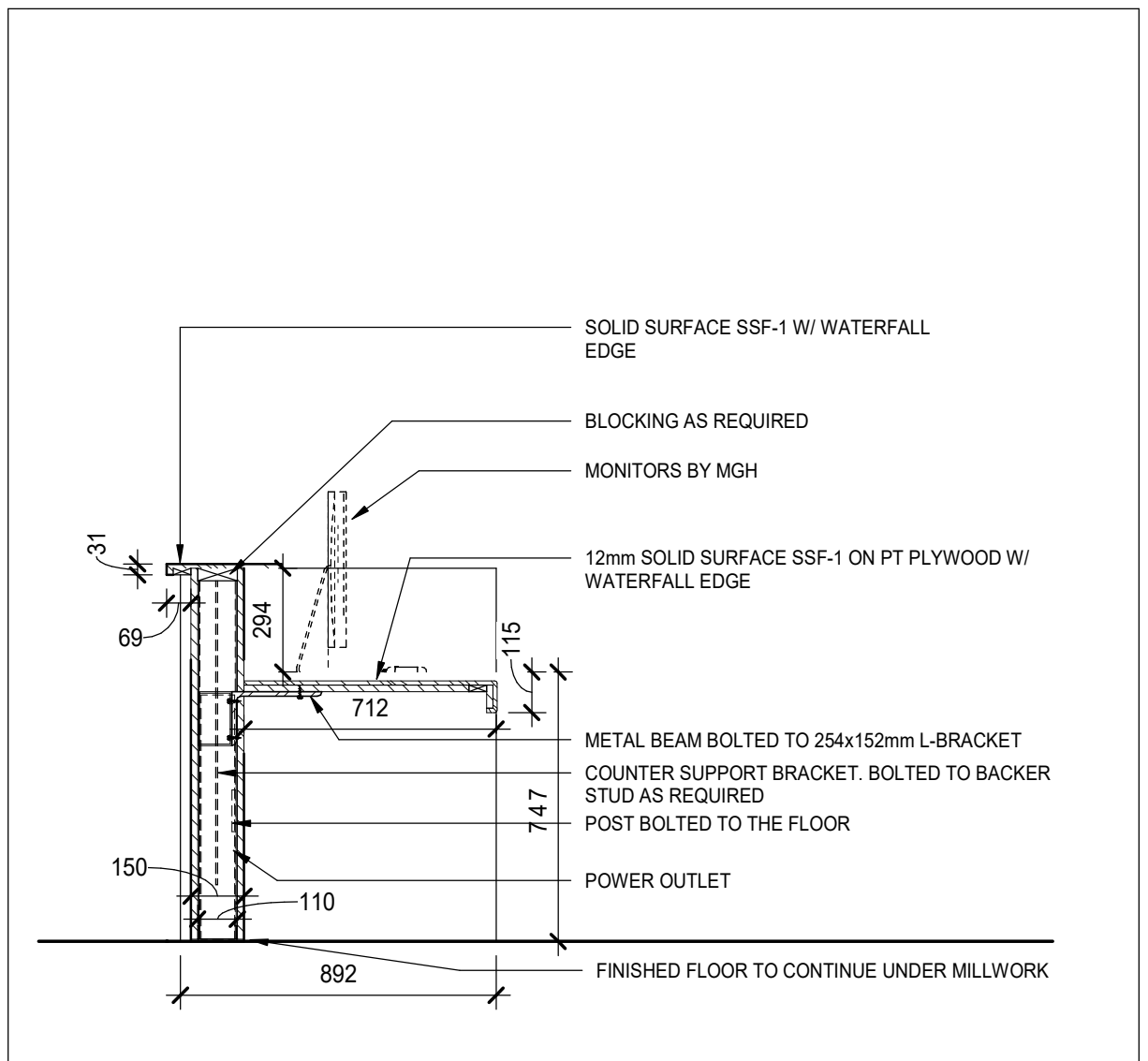
12 STAFF LOUNGE - SECTION - LOWER 1  
A75-01 SCALE: 1 : 20



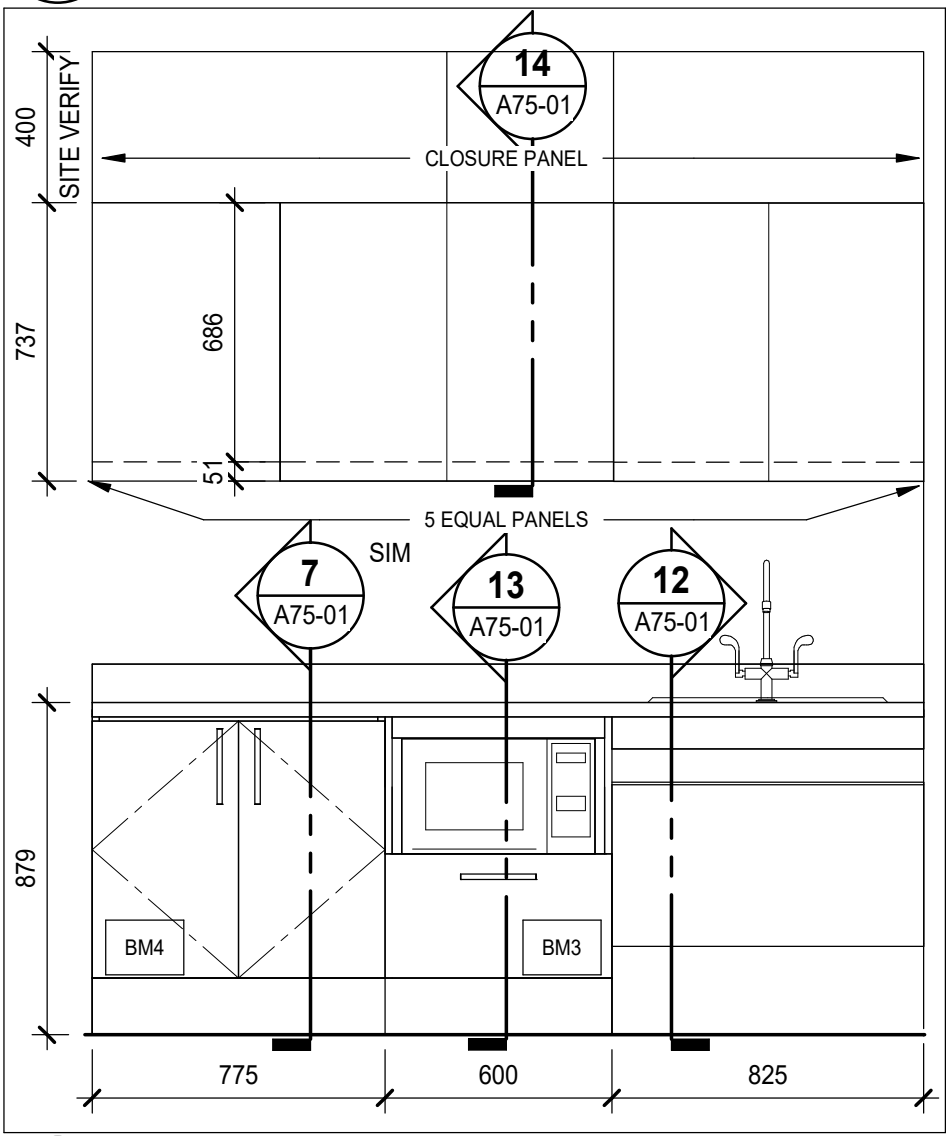
4 MED ROOM - PLAN  
A75-01 SCALE: 1 : 20



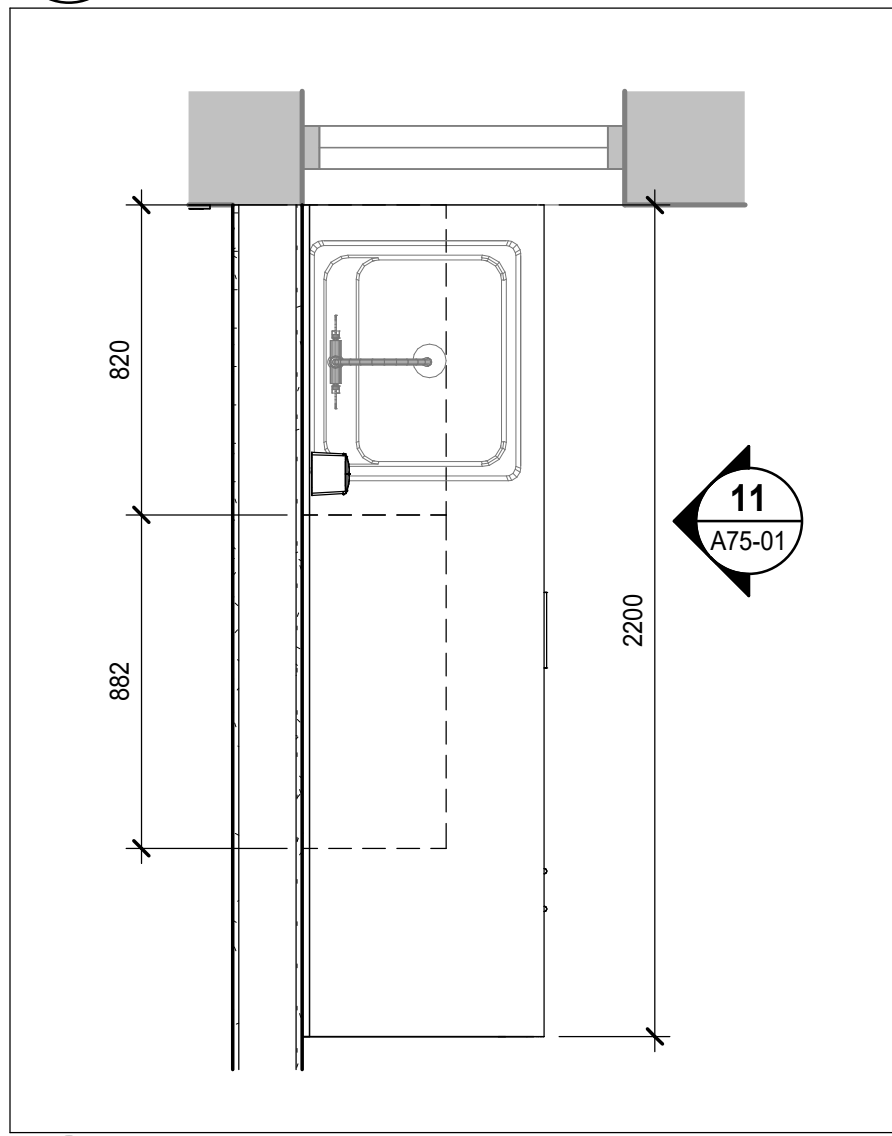
9 TEAM STATION - SECTION 2  
A75-01 SCALE: 1 : 20



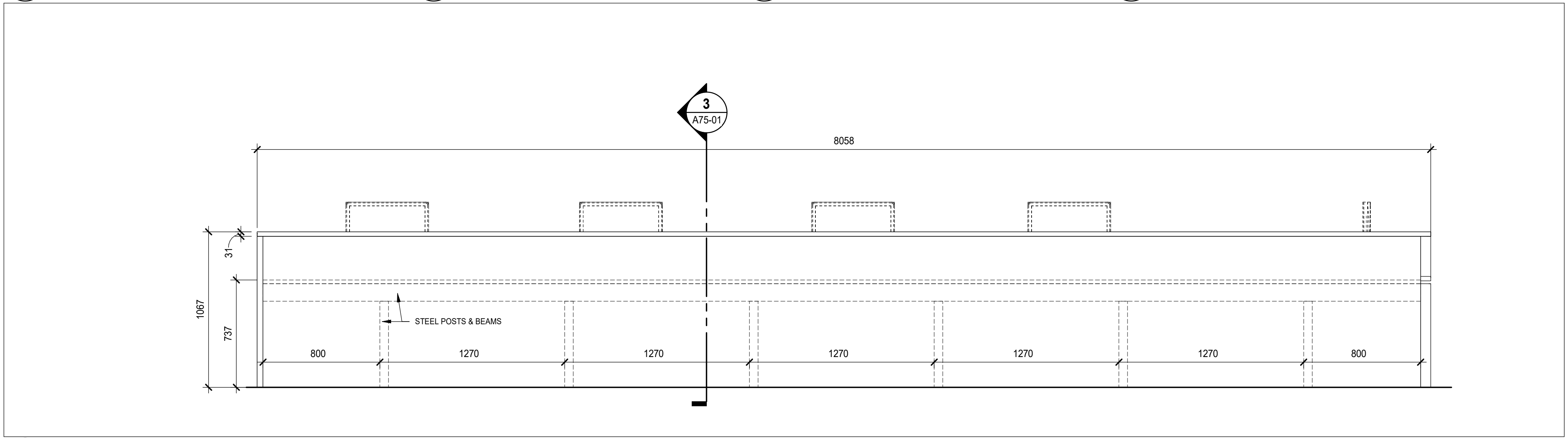
3 TEAM STATION - SECTION  
A75-01 SCALE: 1 : 20



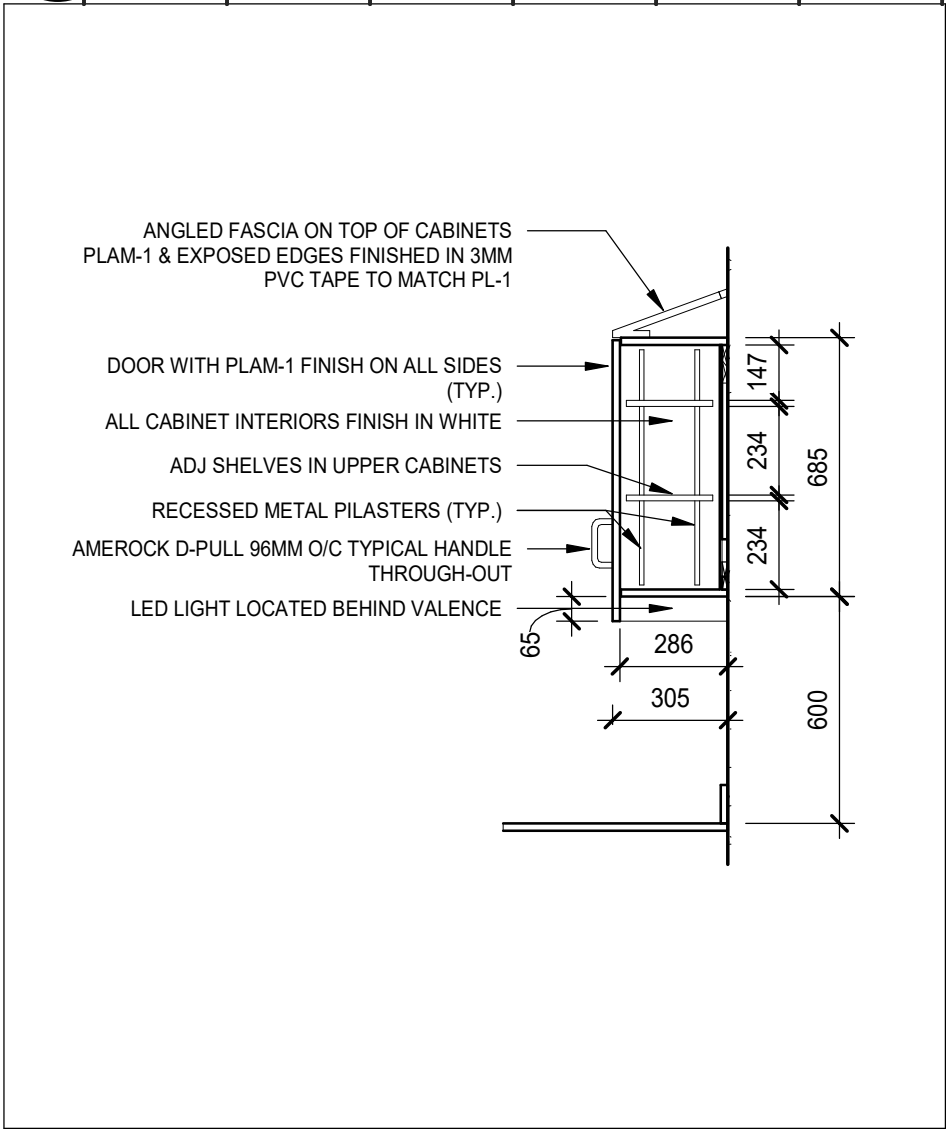
11 STAFF LOUNGE - ELEVATION  
A75-01 SCALE: 1 : 20



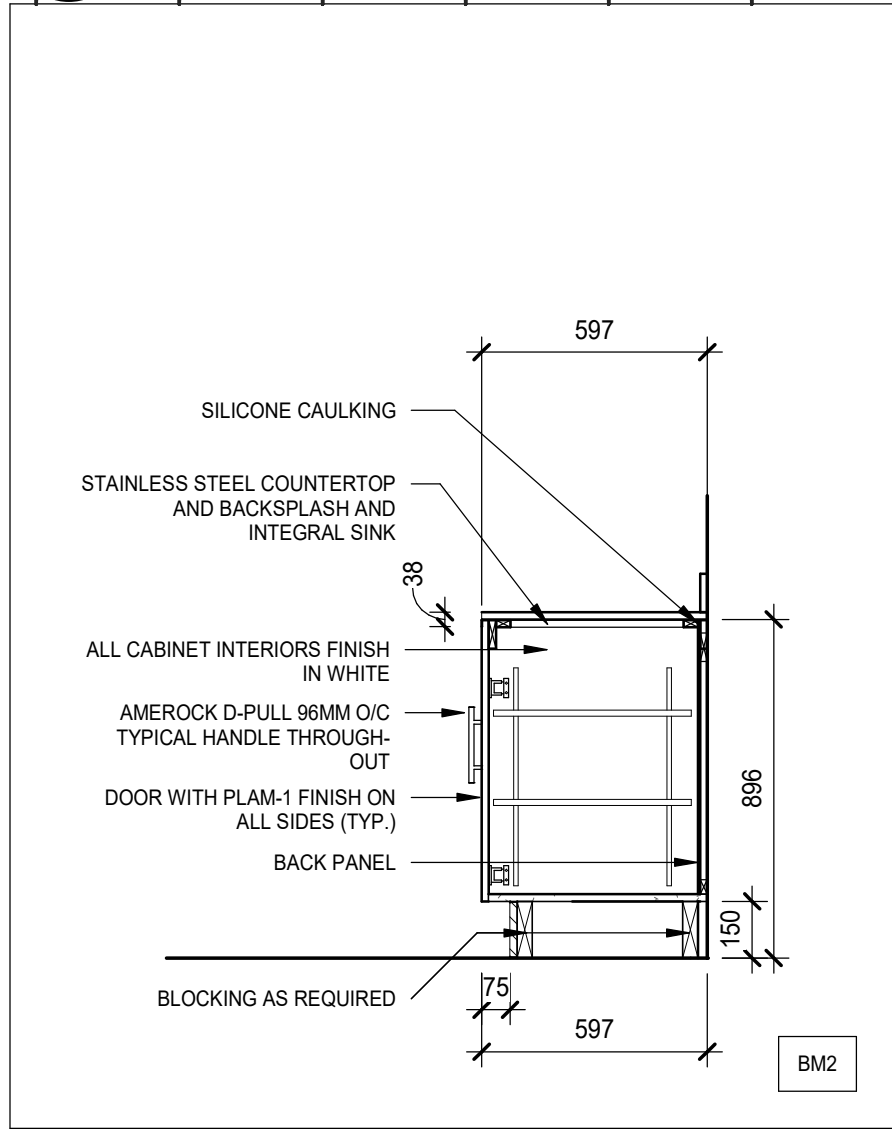
10 STAFF LOUNGE - PLAN  
A75-01 SCALE: 1 : 20



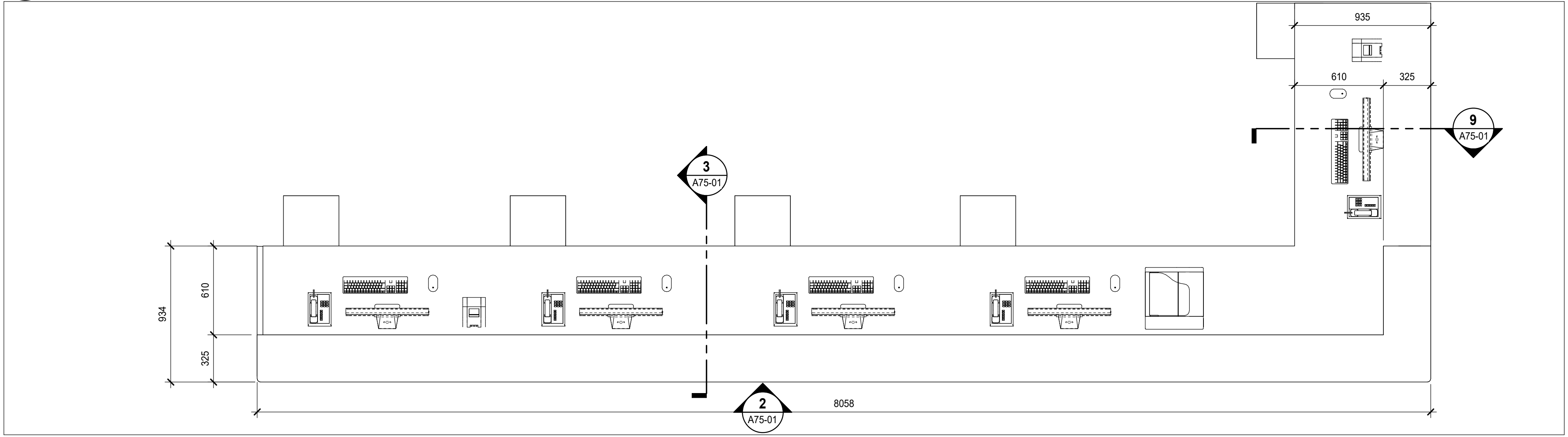
2 TEAM STATION - ELEVATION  
A75-01 SCALE: 1 : 20



8 MED ROOM - SECTION - UPPER 1  
A75-01 SCALE: 1 : 20



7 MED ROOM - SECTION - LOWER 2  
A75-01 SCALE: 1 : 20

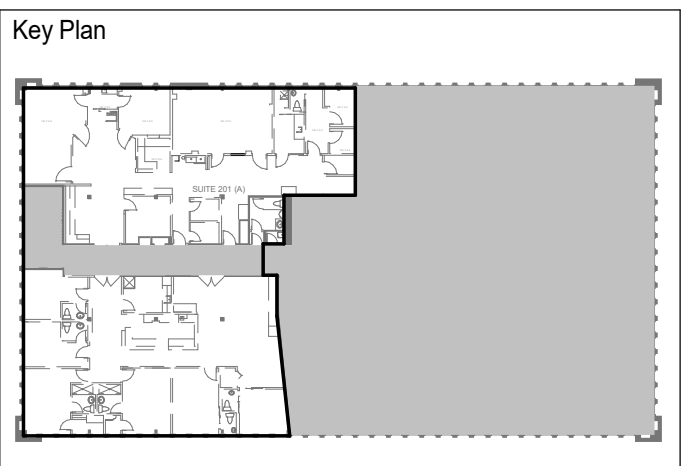


1 TEAM STATION - PLAN  
A75-01 SCALE: 1 : 20

DATE	ISSUED FOR	REV
2025-10-03	75% CD Review	A
2025-10-29	For Client Review	B
2025-11-05	Tender & Permit	0
2025-11-19	Addendum 2	1

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Consultants	
Survey:	N/A
Civil:	N/A
Architecture:	NORR
Structural:	NORR
Mechanical:	Zdesign+ Ltd.
Electrical:	Zdesign+ Ltd.
Interiors:	NORR
Landscape:	N/A

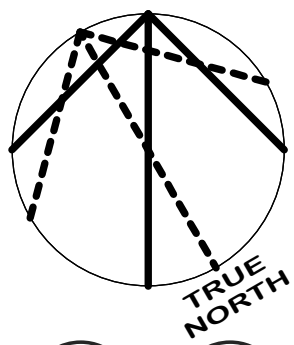
Seal(s)

**NORR**

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Project Manager J. MOORE	Drawn Author
Project Leader G. MILANI	Checked Checker
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 TORONTO EAST HEALTH NETWORK 825 Cowell Ave, East York, ON M3C 3E7	
Project <b>MGH - Outpatient Ophthalmology Clinic</b>	
20 Wynford Dr Suite 310, North York, ON M3C 1J4	
Drawing Title <b>MILLWORK</b>	
Scale 1 : 20	
Project No. HS1025-0189	
Drawing No. <b>A75-01</b>	

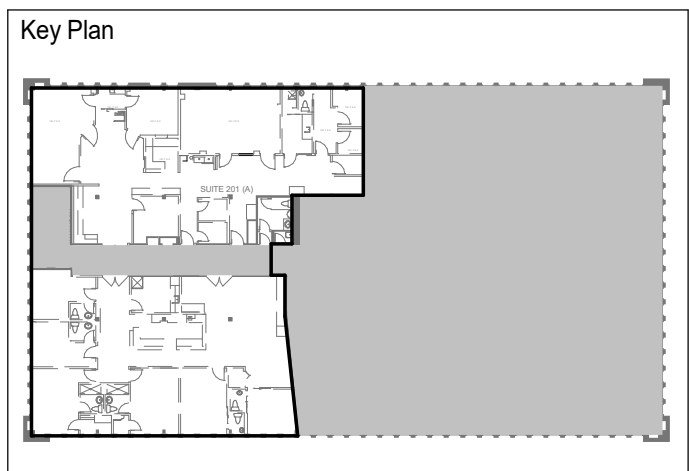




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**NORR**

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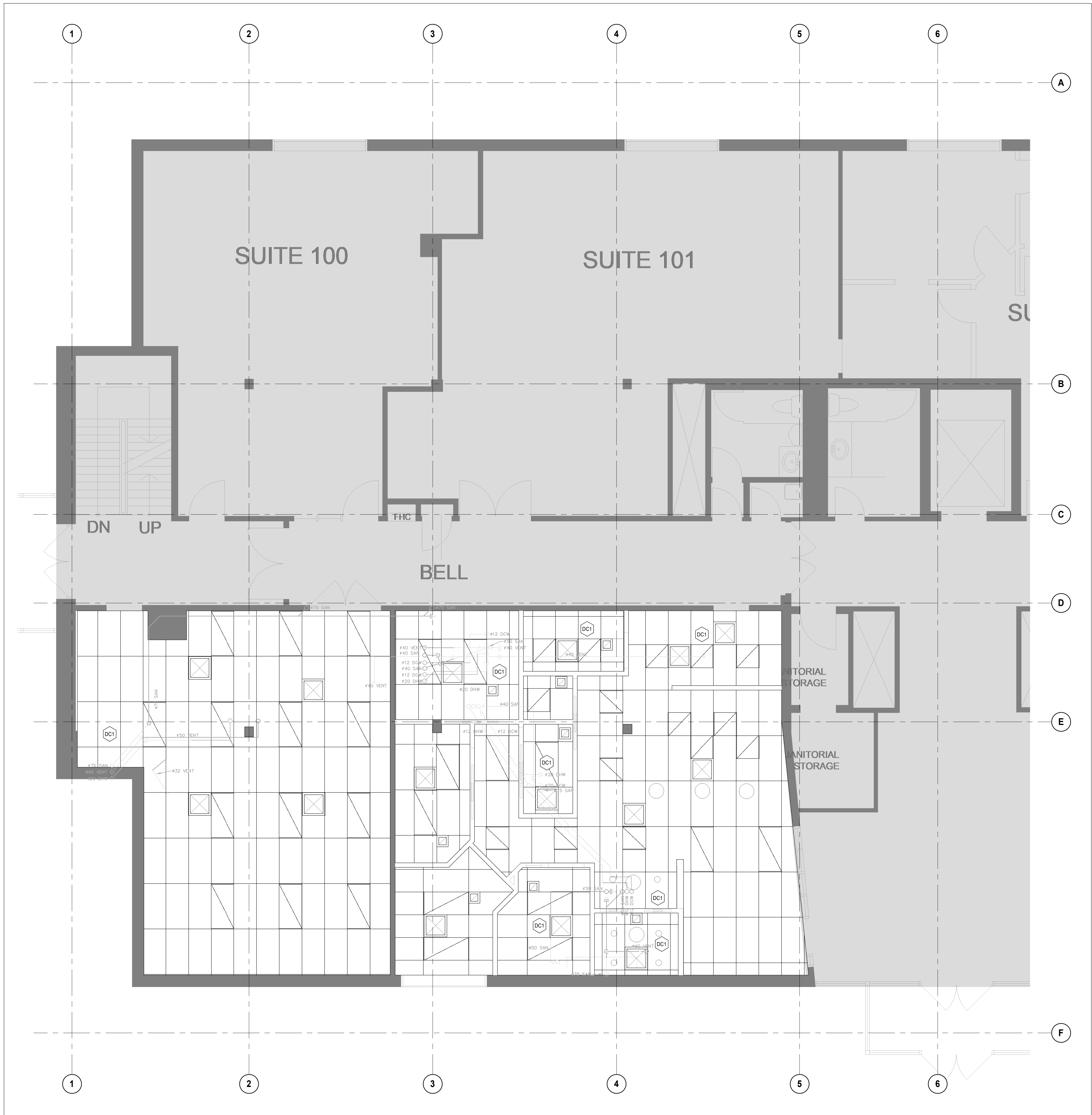
Client

**MICHAEL GARRON HOSPITAL**  
TORONTO EAST HEALTH NETWORK  
825 Cawell Ave, East York, ON M4C 3E7

Project  
**MGH - Outpatient Ophthalmology Clinic**

Drawing Title  
**LEVEL 1 DEMOLITION REFLECTED CEILING PLAN**

Scale	As indicated
Project No.	HS1025-0189
Drawing No.	<b>A20-03</b>



**1 LEVEL 1 EXISTING REFLECTED CEILING PLAN**  
A20-03 SCALE: 1/4"=1'-0"

**REFLECTED CEILING PLAN LEGEND**

- EXISTING AREAS OUTSIDE OF RENOVATION BOUNDARY ARE FULLY OCCUPIED AND SHALL REMAIN NOMINALLY FUNCTIONAL
- EXISTING ACOUSTIC CEILING TILE 600x1200mm
- EXISTING CEILING MOUNTED LIGHT FIXTURES
- EXISTING PENDANT LIGHT FIXTURES
- EXISTING RETURN AIR / SUPPLY AIR

**RCP DEMOLITION NOTES**

- EXISTING CEILING TILES, LIGHTING FIXTURES, DIFFUSERS, AND RETURN GRILL TO BE TEMPORARILY REMOVED AND REINSTALLED AFTER PLUMBING WORK.

GENERAL NOTES

GENERAL

1. WHERE CODES AND STANDARDS ARE REFERENCED IN THE GENERAL NOTES, THEY SHALL BE THE LATEST EDITIONS, UNLESS OTHERWISE NOTED OR SHOWN.
2. READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS. WHERE DISCREPANCY IS FOUND BETWEEN STRUCTURAL DRAWINGS AND OTHER CONTACT DOCUMENTS, COMPLY WITH THE MOST STRINGENT REQUIREMENT.
3. BEFORE PROCEEDING WITH WORK, CHECK ALL THE DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS AGAINST ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND EXISTING SITE CONDITIONS. REPORT INCONSISTENCIES TO CONSULTANT BEFORE PROCEEDING WITH THE WORK.
4. CHECK AND VERIFY IN THE FIELD ALL SIZES AND DIMENSIONS INVOLVING THE EXISTING OR CONSTRUCTED STRUCTURE AND MECHANICAL ELEMENTS AND COORDINATE WITH NEW CONSTRUCTION.
5. VERIFY AND OBTAIN PRIOR APPROVAL OF DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, SLOTS, TRENCHES AND ELECTRICAL FLOOR DUCTS AS REQUIRED BY OTHER TRADES.
6. NO OPENINGS OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE MADE THROUGH SLABS, BEAMS OR BEARING WALLS, UNLESS PRIOR APPROVAL IS OBTAINED FROM THE BASE BUILDING STRUCTURAL ENGINEER OF RECORD.
7. DO NOT EXCEED DURING CONSTRUCTION, GRAVITY LOADS SHOWN ON PLANS, REDUCE LOADS AS NECESSARY UNTIL MATERIALS REACH DESIGN STRENGTH.
8. DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE.
9. DO NOT USE THESE DRAWINGS FOR CONSTRUCTION UNLESS AN "ISSUED FOR CONSTRUCTION" REVISION IS INDICATED.
10. SCALES NOTED ON DRAWINGS ARE FOR GENERAL INFORMATION ONLY. DO NOT SCALE DRAWINGS.
11. TYPICAL STRUCTURAL DETAILS SHOWN IN DRAWING SERIES S02-01 SHALL GOVERN THE WORK. IF DETAILS DIFFER ON OTHER DRAWINGS, THE MOST STRINGENT GOVERNS. TYPICAL DETAILS SHOW STRUCTURAL INTENT AND MAY NOT MATCH PROJECT SPECIFICS.
12. ALL MECHANICAL SYSTEMS SUSPENDED LOADS EXCEEDING 50 kg SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION UNLESS SPECIFICALLY DETAILED OR NOTED ON THE STRUCTURAL DRAWINGS.
13. UNIT FLOOR AND ROOF LOADINGS GIVEN ON DRAWINGS ARE UNFACTORED. MEMBER FORCES GIVEN ON DRAWINGS ARE FACTORED.
14. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIRE RATINGS AND REQUIREMENTS.
15. NO LOAD RESTRICTIONS WERE ASSUMED IN THE DESIGN FOR THE PURPOSES OF MEETING SPECIFIC ULC ASSEMBLIES. CONTRACTOR SHALL VERIFY COMPLIANCE OF SELECTED ASSEMBLIES AND APPLY NECESSARY FIRE PROOFING MATERIAL TO MEET THE SPECIFIED FIRE RATING.
16. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL WATER PROOFING AND THERMAL INSULATION REQUIREMENTS. WHERE INFORMATION IS GIVEN BOTH IN STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR THE SAME LOCATION, THE MOST STRINGENT REQUIREMENT SHALL GOVERN.
17. DO NOT DISTURB EXISTING OR CONSTRUCTED FOUNDATIONS ADJACENT TO THE PROPOSED CONSTRUCTION. REVIEW DAMAGE WITH STRUCTURAL ENGINEER AND MAKE GOOD ACCORDINGLY.

CONSTRUCTION

1. THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.
2. THE CONTRACTOR SHALL DEMONSTRATE THE STABILITY AND SAFETY OF ALL ELEMENTS OF THE BUILDING DURING EVERY STAGE OF CONSTRUCTION.

MATERIALS

1. STRUCTURAL STEEL:
  - STRUCTURAL WIDE FLANGES AND WELDED WIDE FLANGE SHAPES (W, WWF) TO CONFORM TO CSA/CAN-G40.20/G40.21 GRADE 350W.
  - CHANNELS AND ANGLES (C, L) CSA/CAN-G40.20/G40.21 GRADE 300W.
  - ALL PLATE AND PLATE FABRICATED MEMBERS TO CONFORM TO CSA/CAN-G40.20/G40.21 GRADE 300W.
  - HOLLOW STRUCTURAL SECTIONS (HSS) TO CONFORM TO CSA/CAN-G40.20/G40.21 CLASS C OR H GRADE 350W UNLESS NOTED OTHERWISE.
2. ANCHOR RODS: CONFORM TO ASTM A36 / ASTM F1554 GRADE 36, WELDABLE, UNLESS OTHERWISE NOTED OR SHOWN.
3. STRUCTURAL BOLTS, NUTS AND WASHERS: CONFORM TO ASTM F3125 GRADE A325M.
4. HEADED STUDS: CONFORM TO ASTM A108 GRADE C-1015 THROUGH C-1020, Fy = 350 MPa.

STRUCTURAL STEEL

1. PROVIDE MINIMUM BEARING OF 200 mm FOR ALL STEEL BEAMS BEARING ON CONCRETE AND A MINIMUM OF 100 mm ON STRUCTURAL STEEL, UNLESS OTHERWISE NOTED ON PLAN.
2. CENTER BEARING PLATES UNDER BEAMS UNLESS OTHERWISE NOTED OR SHOWN.
3. BEARING PLATE DIMENSION GIVEN FIRST INDICATES SIDE PARALLEL TO BEAM WEB.
4. NO STRUCTURAL STEEL SHALL BE CUT IN THE FIELD UNLESS REVIEWED AND APPROVED BY THE CONSULTANT.
5. ALL WELDS EXPOSED TO VIEW SHALL BE GROUND SMOOTH EXCEPT AS NOTED IN THE SPECIFICATIONS.
6. REFER TO TYPICAL DETAIL TD-1 FOR ABBREVIATIONS USED FOR THE CONNECTION FORCES GIVEN ON THE DRAWINGS. FORCES INDICATED ARE FACTORED LOADS UNLESS OTHERWISE NOTED OR SHOWN. SUBSCRIPTS D, L, W AND Q REFER TO UNFACTORED DEAD, LIVE, WIND AND EARTHQUAKE LOADS, RESPECTIVELY.
7. SPLICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF THE SPICE. MEMBERS SHALL NOT BE SPLICED AT POINTS OF MAXIMUM STRESS. NO SPLICES SHALL BE MADE UNLESS SHOWN ON THE DRAWINGS OR REVIEWED AND APPROVED BY THE CONSULTANT.
8. SHAPE AND SIZE OF GUSSET PLATES TO CLEAR ARCHITECTURAL FINISHES AND MECHANICAL DUCTS AND PIPES AND ELEVATOR SHAFTS.
9. PROVIDE ALL ANCHOR BOLTS, CAST-IN PLATES WITH STUDS AND DRILLED ANCHORS REQUIRED TO CONNECT STRUCTURAL STEEL TO CAST-IN-PLACE CONCRETE.
10. MAINTAIN TEMPORARY BRACING UNTIL COMPLETION OF ENTIRE STRUCTURE INCLUDING ROOF DECKS AND OTHER ELEMENTS WHICH ARE PART OF THE LATERAL LOAD RESISTING SYSTEM.
11. BOLT HOLES IN STEEL SHALL BE 2 mm LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED. PROVIDE NOT LESS THAN 2-M20 A325 BOLTS IN ANY BOLTED CONNECTION.
12. ALL WELDS SHALL CONFORM TO CSA W59-24 AND ALL WELDERS SHALL BE CERTIFIED IN CONFORMANCE WITH CSA W47.1-19.
13. WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED, WHERE LENGTH OF WELD IS NOT SHOWN IT SHALL BE FULL LENGTH OF JOINT. ALL BUTT WELDS SHALL BE FULL PENETRATION UNLESS NOTED OTHERWISE.
14. ALL STEEL EXPOSED TO THE EXTERIOR ENVIRONMENT SHALL BE HOT-DIP GALVANIZED UNLESS OTHERWISE NOTED.
15. FIRE RATED STRUCTURAL STEEL MEMBERS SHALL BE FIREPROOFED IN ACCORDANCE WITH REQUIREMENTS SHOWN ON ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

DESIGN AND ERECTION OF TEMPORARY WORK

1. STRUCTURAL DRAWINGS DO NOT NECESSARILY INDICATE THE FULL EXTENT OF TEMPORARY WORKS REQUIRED TO COMPLETE THE PROJECT.
2. DESIGN OF TEMPORARY WORKS, INCLUDING DEMOLITION, SHORING, AND UNDERPINNING SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN ONTARIO WITH DEMONSTRATED EXPERIENCE IN SIMILAR SIZE AND SCOPE OF TEMPORARY WORKS.
3. SUBMIT DRAWINGS AND CALCULATIONS SEALED BY THE CONTRACTOR'S PROFESSIONAL ENGINEER SHOWING COMPLETE DESIGN INCLUDING TEMPORARY CONDITIONS, FINAL CONDITIONS AND SEQUENCE OF WORK.
4. PROTECTIVE MEASURES SHALL BE TAKEN TO ENSURE THE SAFETY OF THE TEMPORARY WORK DURING CONSTRUCTION ACTIVITIES.
5. ANCHOR RODS AND OTHER EMBEDDED ITEMS ARE DESIGNED TO RESIST THE LOADS IMPOSED BY THE STRUCTURE IN ITS COMPLETED CONDITION AND MAY NOT BE RELIED UPON TO WITHSTAND TEMPORARY CONSTRUCTION LOADS UNLESS EVALUATED AND APPROVED BY THE CONTRACTOR'S ENGINEER.

ANCHOR INSTALLATION IN EXISTING CONCRETE

1. COMPLY WITH MANUFACTURER GUIDELINES FOR ANCHOR INSTALLATION.
2. INSTALLER SHALL BE TRAINED BY ANCHOR MANUFACTURER.
3. CONTINUOUS SPECIAL INSPECTION IS REQUIRED FOR ALL ADHESIVE ANCHORS AND EXPANSION ANCHORS. INSPECT AND PULL TEST EXPANSION ANCHORS AND ADHESIVE (EPOXY) ANCHORS ACCORDING TO MANUFACTURER'S WRITTEN RECOMMENDATIONS.
4. SCAN EXISTING STRUCTURE PRIOR TO FABRICATING OR DRILLING ANY ANCHORS TO AVOID HITTING EXISTING REBAR. CONTRACTOR TO ALLOW ENGINEER TO MODIFY ANCHOR CONNECTIONS IN THE SHOP DRAWING PROGRESS AS REQUIRED AFTER SCANS HAVE BEEN COMPLETED.

DESIGN NOTES

GENERAL

1. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA, 2020 EDITION AND THE USER'S GUIDE – ONTARIO BUILDING CODE 2024:
  - a) LOCATION FOR CLIMATIC AND SEISMIC DATA: NORTH YORK, ON
  - b) IMPORTANCE CATEGORY: NORMAL
2. ALL STRUCTURAL STEEL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA S16-24, "DESIGN OF STEEL STRUCTURES".
3. DEAD AND LIVE LOADS:
  - THE LOADS FOR THE PROPOSED EQUIPMENT ARE SHOWN ON THE FLOOR FRAMING PLAN.
4. THE PROPOSED WORKS DO NOT IMPACT THE BASE BUILDING SEISMIC SYSTEM IN ANY WAY. HENCE, A SEISMIC ANALYSIS WAS NOT CONDUCTED AS PART OF THIS SCOPE.
  - SITE CLASS = C "ASSUMED". CONTRACTOR TO HIRE GEOTECHNICAL ENGINEER TO VERIFY SITE CLASS.
  - SEISMIC CATEGORY = SC2
  - THE REQUIREMENTS OF SENTENCE 4.1.8.18.1 NEED NOT APPLY TO CATEGORIES 6 THROUGH 22 OF TABLE 4.1.8.18

TESTING AND INSPECTION

1. THE CONTRACTOR SHALL ARRANGE FOR THE FOLLOWING ITEMS TO BE INSPECTED AND/OR TESTED BY AN INDEPENDENT THIRD-PARTY INSPECTION/TESTING AGENCY ACCEPTABLE TO THE OWNER AND THE CONSULTANT. COPIES OF ALL TEST REPORTS SHALL BE FORWARDED TO THE OWNER AND CONSULTANT ON THE SAME DAYS TESTS ARE MADE. THE ITEMS TO BE TESTED SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
  - a. STRUCTURAL STEEL:
    - PERFORM VISUAL INSPECTION OF ALL WELDS, TORQUE TESTING OF BOLTED CONNECTIONS AND CHECK ON BEARING, PLUMBNESS, ALIGNMENT AND PAINTING.
    - BASIS OF INSPECTION SHALL BE FINAL REVIEWED SHOP DRAWINGS, PERFORM NON-DESTRUCTIVE TESTING OF WELDS WHERE RESULTS OF VISUAL INSPECTION ARE NOT ACCEPTABLE OR INCONCLUSIVE.

EXISTING CONSTRUCTION

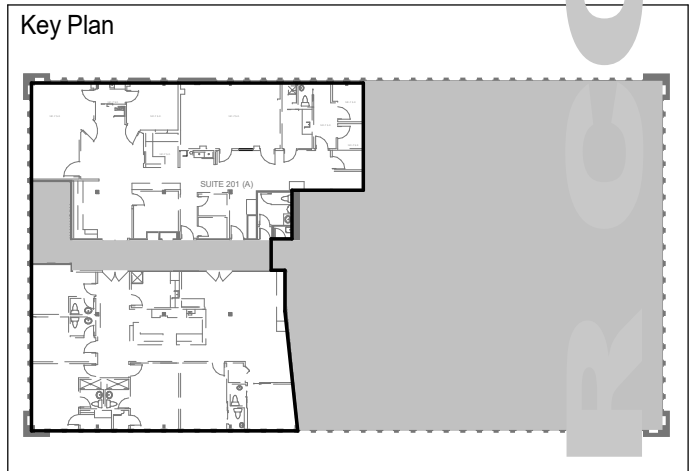
1. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS.
2. NOTED DIMENSIONS AND CONDITIONS OF EXISTING BUILDINGS AND OTHER STRUCTURES ARE SHOWN BASED ON THE ORIGINAL DRAWINGS OR PARTIAL SURVEY INDICATED BELOW AND HAVE NOT BEEN COMPLETELY FIELD VERIFIED. THE OWNER AND ARCHITECT/ENGINEER TAKE NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING DIMENSIONS SHOWN. FIELD MEASURE EXISTING DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO ARCHITECT/ENGINEER IN WRITING.
3. THE CONSULTANT'S UNDERSTANDING OF THE EXISTING CONSTRUCTION IS BASED UPON THE BASE BUILDING STRUCTURAL DRAWINGS DATED ON MAY, 1964.
4. VERIFY CONDITIONS COVERING OR AFFECTING THE WORK. OBTAIN AND VERIFY ALL DIMENSIONS AND ELEVATIONS TO ENSURE THE PROPER STRENGTH, FIT AND LOCATION OF THE WORK. REPORT TO THE ARCHITECT/ENGINEER ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE NEW WORK. FULLY RESOLVE ALL DISCREPANCIES PRIOR TO COMMENCING WORK.
5. EXISTING CONSTRUCTION NOT UNDERGOING ALTERATION IS TO REMAIN UNDISTURBED. WHERE SUCH CONSTRUCTION IS DISTURBED AS A RESULT OF THE OPERATIONS OF THIS CONTRACT, REPAIR OR REPLACE AS REQUIRED AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
6. VERIFY THE EXISTENCE, LOCATION AND ELEVATION OF EXISTING UTILITIES, SEWERS, DRAINS, ETC. IN DEMOLITION AREAS BEFORE PROCEEDING WITH THE WORK. ALL DISCREPANCIES SHALL BE DOCUMENTED AND REPORTED TO THE ARCHITECT/ENGINEER.
7. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE OWNER'S REPRESENTATIVE FOR DIRECTION.
8. PROVIDE FIRE WATCH DURING THE FIELD CUTTING AND WELDING OPERATIONS, MEETING THE OWNER'S REQUIREMENTS.
9. PROVIDE TEMPORARY PROTECTION OF EXISTING EQUIPMENT DURING EXECUTION OF THE WORK, SATISFYING THE OWNER'S REQUIREMENTS.
10. COORDINATE WORK WITH THE OWNER'S PERSONNEL TO AVOID ANY INTERFERENCE IN THEIR OPERATIONS.

DATE	ISSUED FOR	REV
2025-11-19	ADDENDUM 02	1

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Electrical:	Zdesign+ Ltd.
Interiors:	NORR
Landscape:	N/A

Seal(s)

2

NORR

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Project

**MGH - Outpatient Ophthalmology Clinic**

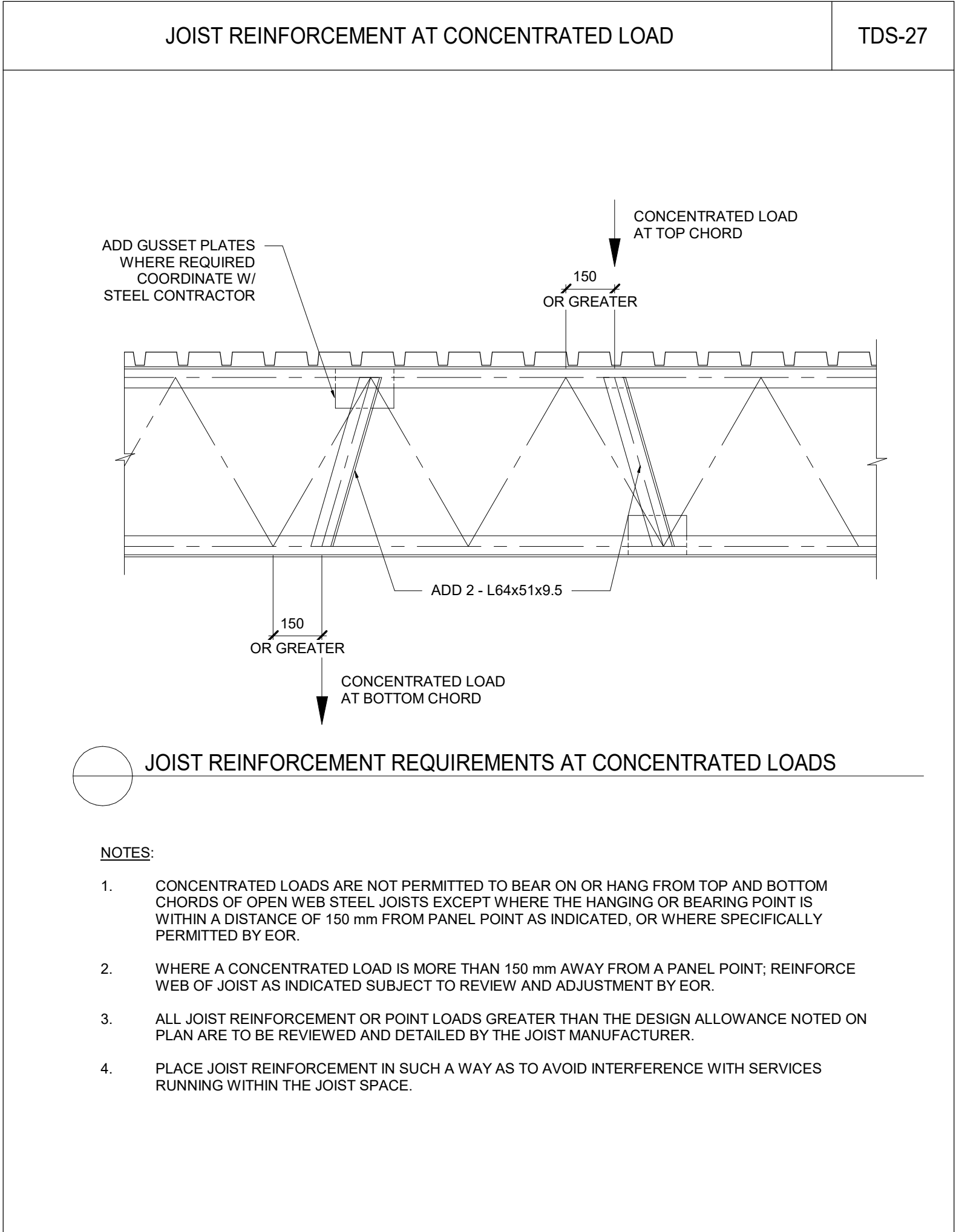
Drawing Title

**GENERAL NOTES**

Scale	1 : 100
Project No.	HS1025-0189
Drawing No.	<b>S01-01</b>

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STRUCTURAL ABBREVIATIONS			TD-1
AB	ANCHOR BOLT	MAX	MAXIMUM
ABC	NATIONAL BUILDING CODE 2019	MC	MOMENT CONNECTION
ADJ	ALBERTIA ADITION	MECH	MECHANICAL
ALT	ADJUSTABLE	MEZZ	MEZZANINE
ARCH	ALTERNATE	MID	MIDDLE
AFB	ARCHITECTURAL	MISC	MISCELLANEOUS
	ASPHALT IMPREGNATED FIBREBOARD	MIN	MINIMUM
		ML	MIDDLE LAYER
B, BOTT	BOTTOM	m	METRE
BC	ELEV BOTT. OF CAISSON	m <sup>2</sup>	SQUARE METRE
BET	BETWEEN	mm	MILLIMETRE
BEW	BOTTOM EACH WAY	mm <sup>2</sup>	SQUARE MILLIMETRE
BLDG	BUILDING	MPa	MEGAPASCAL
BLL	BOTTOM LOWER LAYER	NBC	NATIONAL BUILDING CODE OF CANADA
BM	BEAM	NCB	NO COLUMN BELOW
BM	BENDING MOMENT BAR	NF	NEAR FACE
BPL	BEARING/BASE PLATE	NIC	NOT IN CONTRACT
BRG	BEARING	NTS	NOT TO SCALE
BSMT	BASMENT		
BUL	BOTTOM UPPER LAYER	o/c	ON CENTRE
		o/o	OUT TO OUT
C	CHANNEL	OBC	ONTARIO BUILDING CODE
c/c	CENTRE TO CENTRE	OPNG	OPENING
CAW	CONNECT WITH	OPP	OPPOSITE
CA	COLUMN ABOVE	OWSJ	OPEN WEB STEEL JOIST
CB	COLUMN BELOW		
CANTIL. CAN	CANTILEVER	PC	PRECAST
CF	CONCRETE FIREPROOFED	Pf, Cf, Tf;	
CJ	CONTROL JOINT	ME, VI	FACTORED LOADS
CL	CLEAR	P; T; C; V; M	UNFACTORED LOADS
C	CENTRE LINE	PL	PLATE
COMP	COMPOSITE	PROJ	PROJECTION
COL	COLUMN	P/T	POST TENSIONED
CONC	CONCRETE	PVC	POLYVINYL CHLORIDE
CONST. JT	CONSTRUCTION JOINT		
CONT	CONTINUOUS	R	REACTION, RADIUS
		REF	REFERENCE
DET	DETAIL	REM	REMAINDER
DIA	DIAMETER	REQD	REQUIRED
DIM	DIMENSION	REV	REVISION
DIAG	DIAGONAL	RE	RIGHT END
DL	DEAD LOAD	REINF	REINFORCEMENT
DO, "	DITTO		
DP	DEEP	S	STANDARD BEAM
DWG	DRAWING	S.S.	SINGLE STIRRUP
DWL	DOWEL	SDF	STEP DOWN FOOTING
DN	DOWN	SECT	SECTION
D.S.	DOUBLE STIRRUPS	SE	SPRAY FIREPROOFED
DJ	DOUBLE JOISTS	SIM	SIMILAR
EA	EACH	SLAB	SLAB ON GRADE
EC	EPOXY COATED	SP	SPANDREL; SPRUCE
EE	EACH END	SPEC	SPECIFICATION
EF	EACH FACE	STD	STANDARD
EJ, EXP. JT.	EXPANSION JOINT	STRUCT	STRUCTURAL
EL, ELEV.	ELEVATION	STIFF	STIFFENER
ELEC, ELECT	ELECTRICAL	SQ	SQUARE
EMBED	EMBEDMENT	ST	STRAIGHT
EQ	EQUAL	STIR	STIRRUP
EW	EACH WAY	SST	SIMPSON STRONG TIE
EX, EXIST	EXISTING		
EXT	EXTERIOR	l	THICKNESS
		T	TOP
FIN	FINISHED	T&B	TOP AND BOTTOM
FL	FLOOR	TC	ELEV TOP OF CAISSON
FTG	FOOTING	TEMP	TEMPERATURE
FMC	FULL MOMENT CONNECTION	TEW	TOP EACH WAY
fy	YIELD STRENGTH	THK	THICK
fc	COMPRESSIVE STRENGTH OF CONC	TJ	TIE JOIST
FF	FAR FACE	TLE	TOP LEFT END
		TLL	TOP LOWER LAYER
GALV	GALVANIZED	TRE	TOP RIGHT END
GA	GAUGE	TUL	TOP UPPER LAYER
GL	GRIDLINE	TYP	TYPICAL
HEE	HOOK EACH END	T/O	TOP OF
HH	HOOK-HOOK (HOOK EACH END)	TOS	TOP OF SLAB
HIF	HORIZONTAL INSIDE FACE	TSB	TENSION SPLICE CLASS B
HOF	HORIZONTAL OUTSIDE FACE		
HOR, HORIZ	HORIZONTAL	USF	UNDERSIDE OF FOOTING
HEF	HORIZONTAL EACH FACE	U/S	UNDERSIDE
HSS	HOLLOW STRUCTURAL SECTION	UIN	UNLESS NOTED
HP	HIGH POINT	UL	UPPER LAYER
		UPT	UPTURNED
INT	INTERIOR	VERT	VERTICAL
ID	INSIDE DIAMETER	VPF	VERTICAL BRACED FRAME
		VVF	VERTICAL EACH FACE
k	KILO	VOF	VERTICAL OUTSIDE FACE
KN	KILONEWTON	VIF	VERTICAL INSIDE FACE
KPa	KILOPASCAL	VSC	VERTICALLY SLOTTED CONNECTION
		W	WIDE FLANGE BEAM
Ld	TENSION ANCHORAGE LENGTH	WP	WALL PLATE OR WORKING POINT
LE	LEFT END	WT	STRUCTURAL TEE
LG	LONG LENGTH	WWF	WELDED WIRE FABRIC
LL	LIVE LOAD	WWF	WELDED WIDE FLANGE
LLV	LONG LEG VERTICAL		
LLH	LONG LEG HORIZONTAL		
L	SINGLE ANGLE		
-L	DOUBLE ANGLES		
LP	LOW POINT		



DATE	ISSUED FOR	REV
2025-11-19	ADDENDUM 02	1

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**Key Plan**

**Consultants**

Survey:	N/A
Civil:	N/A
Architecture:	NORR
Structural:	NORR
Mechanical:	Zdesign+ Ltd.
Electrical:	Zdesign+ Ltd.
Interiors:	NORR
Landscape:	N/A

**Seal(s)**

**NORR**

NORR OFFICE ADDRESS  
norr.com

Project Manager J. MOORE	Drawn M. AHMADI
Project Leader S. PATEL	Checked A. HUSAIN

Client  
**MICHAEL GARRON HOSPITAL**  
TORONTO EAST HEALTH NETWORK  
825 Coxwell Ave, East York, ON M4C 3E7

Project  
**MGH - Outpatient Ophthalmology Clinic**

1 20 Wynford Dr Suite 310, North York, ON M3C 1A4

Drawing Title  
**TYPICAL DETAILS**

Scale  
1 : 100

Project No.  
HS1025-0189

Drawing No.  
**S02-01**

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1. REFER TO ARCH FOR LOCATIONS OF EQUIPMENT. COORDINATE WITH SUPPLIER AND SITE VERIFY PRIOR TO STEEL FABRICATION TO CONFIRM ALL DIMENSIONS.
2. GENERAL CONTRACTOR TO VERIFY EXISTING JOIST LOCATION, SIZE, AND DIAGONAL WEB ORIENTATION. GENERAL CONTRACTOR TO INFORM EOIR IF JOIST DOES NOT MATCH WHAT'S SHOWN ON THE STRUCTURAL DRAWING PRIOR TO CONSTRUCTION. ALLOW FOR REVISION OF DESIGN TO SUIT EXISTING CONDITION.
3. REINFORCE OWLS AT LOCATIONS OF CONCENTRATED LOADS FROM MECHANICAL UNIT FRAMING USING TDS-27.
4. ADD STIFFENER TO THE EXISTING STEEL BEAMS AT LOCATIONS OF CONCENTRATED LOADS FROM MECHANICAL UNIT FRAMING. STIFFENER PLATES TO BE ON EACH SIDE OF WEB WITH A MIN. THICKNESS OF 12 mm OR BEAM WEB THICKNESS WHICHEVER IS GREATER.
5. CONNECT ALL STEEL FOR SECTION CAPACITY UNLESS NOTED OTHERWISE.

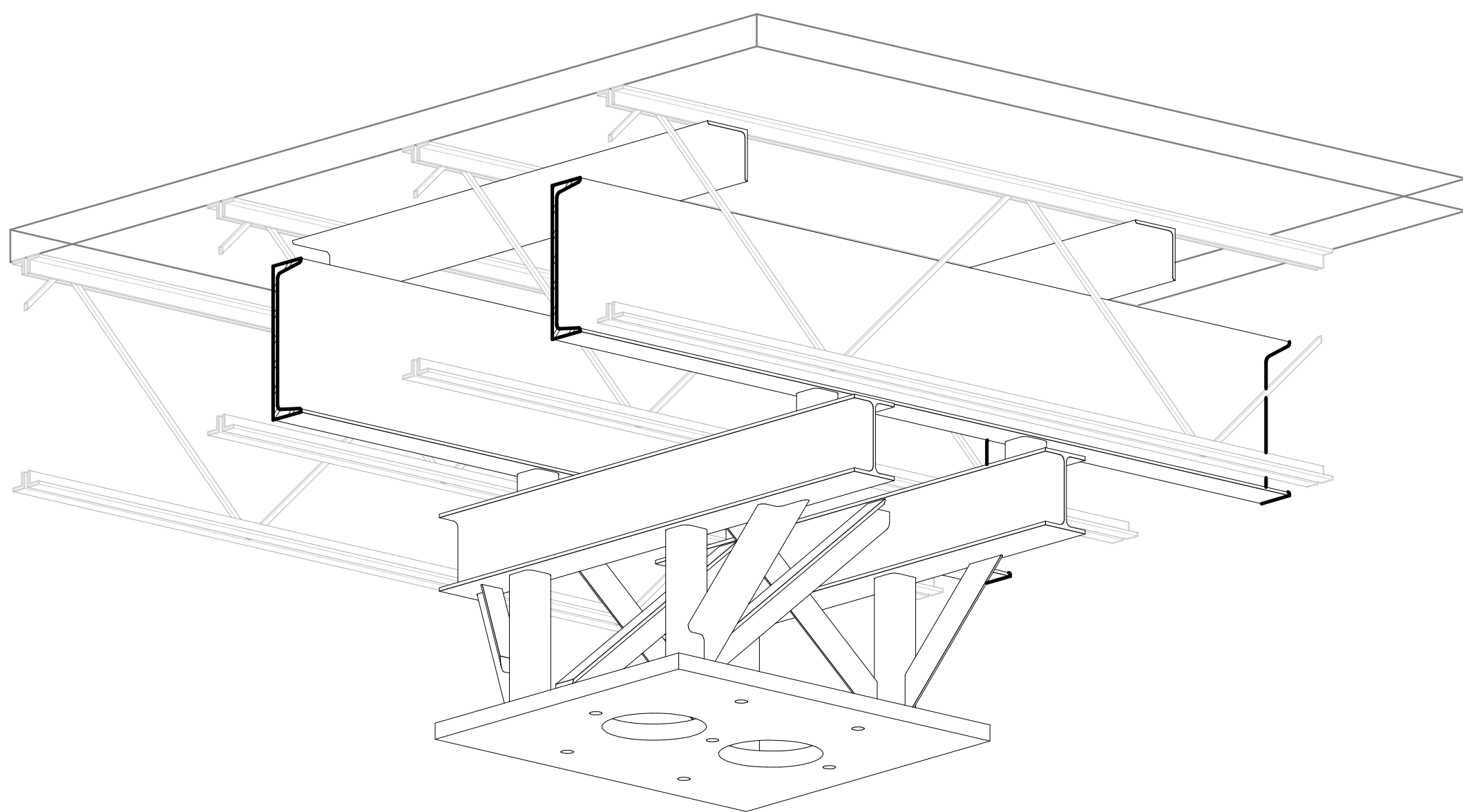
LIVE LOAD = 3.6 kPa AS PER BASE BUILDING AS-BUILT  
STRUCTURAL DRAWINGS  
64mm CONCRETE SLAB = 1.52 kPa  
M&E = 0.25 kPa (ASSUME)  
HUNG MEDICAL EQUIPMENT = 10kN WEIGHT / 8.5 kNm MOMENT AS  
INDICATED IN MEDICANA SHOP DRAWINGS.  
SUPPORT STEEL FRAMING HAS BEEN  
DESIGNED FOR A DEFLECTION OF L/360

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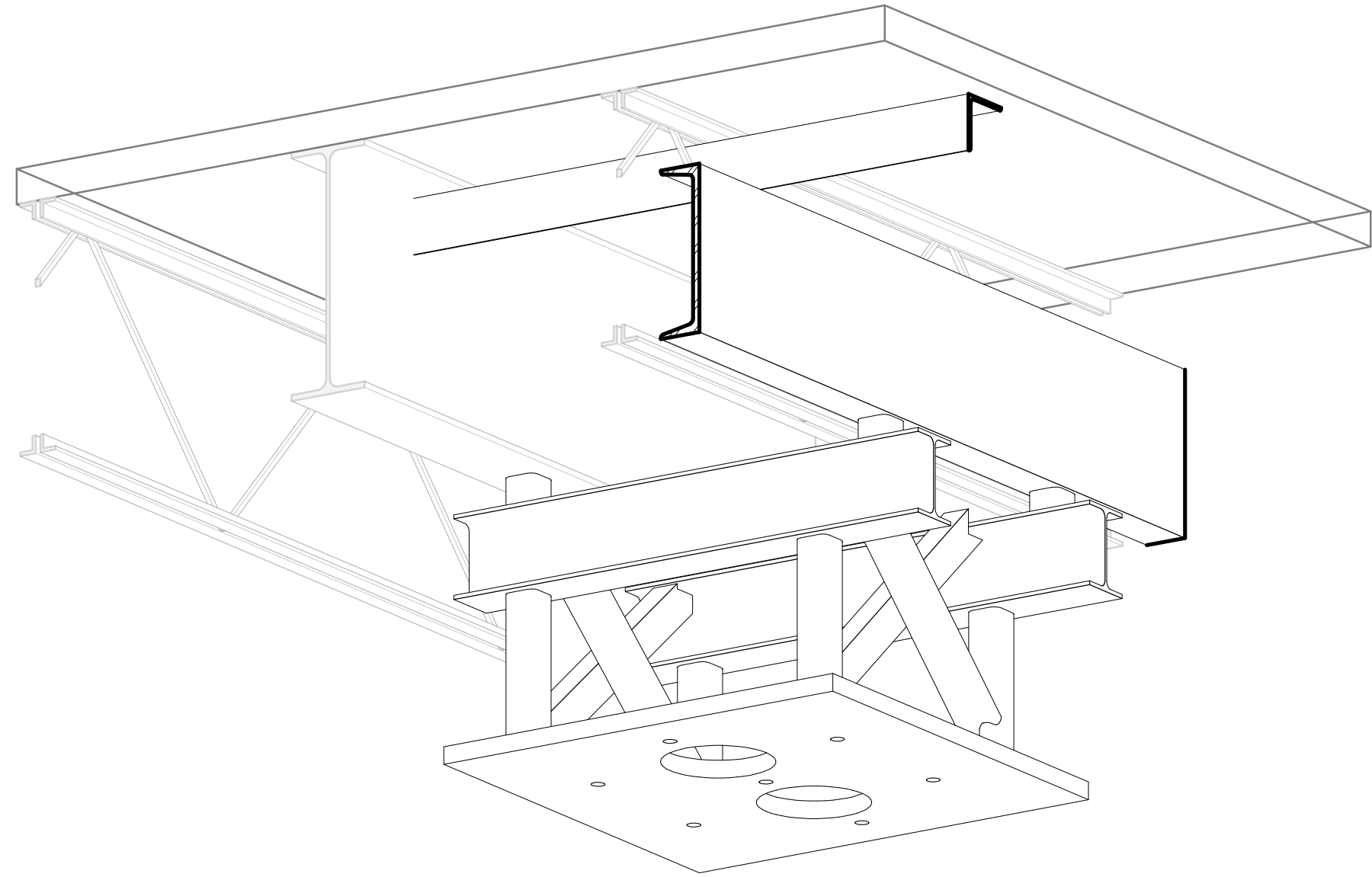
134  
NG

2025-11-19 3:47:59 PM

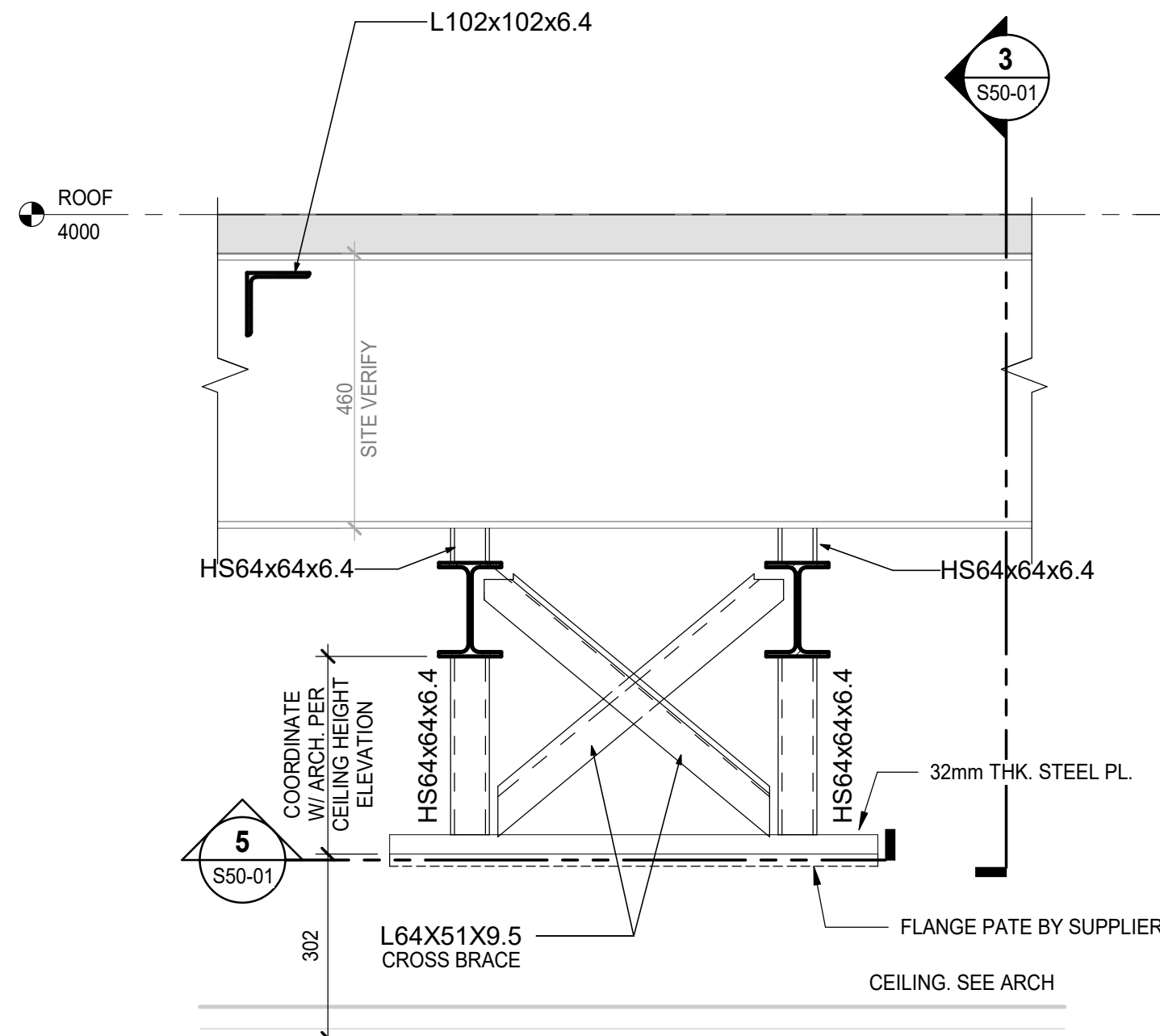
Autodesk Docs\H124 - Calumet Surgical Centre\NORR\_VS1025-0189\_SITC\_M3C\_Calumet Surgical Centre\_R25.dwg



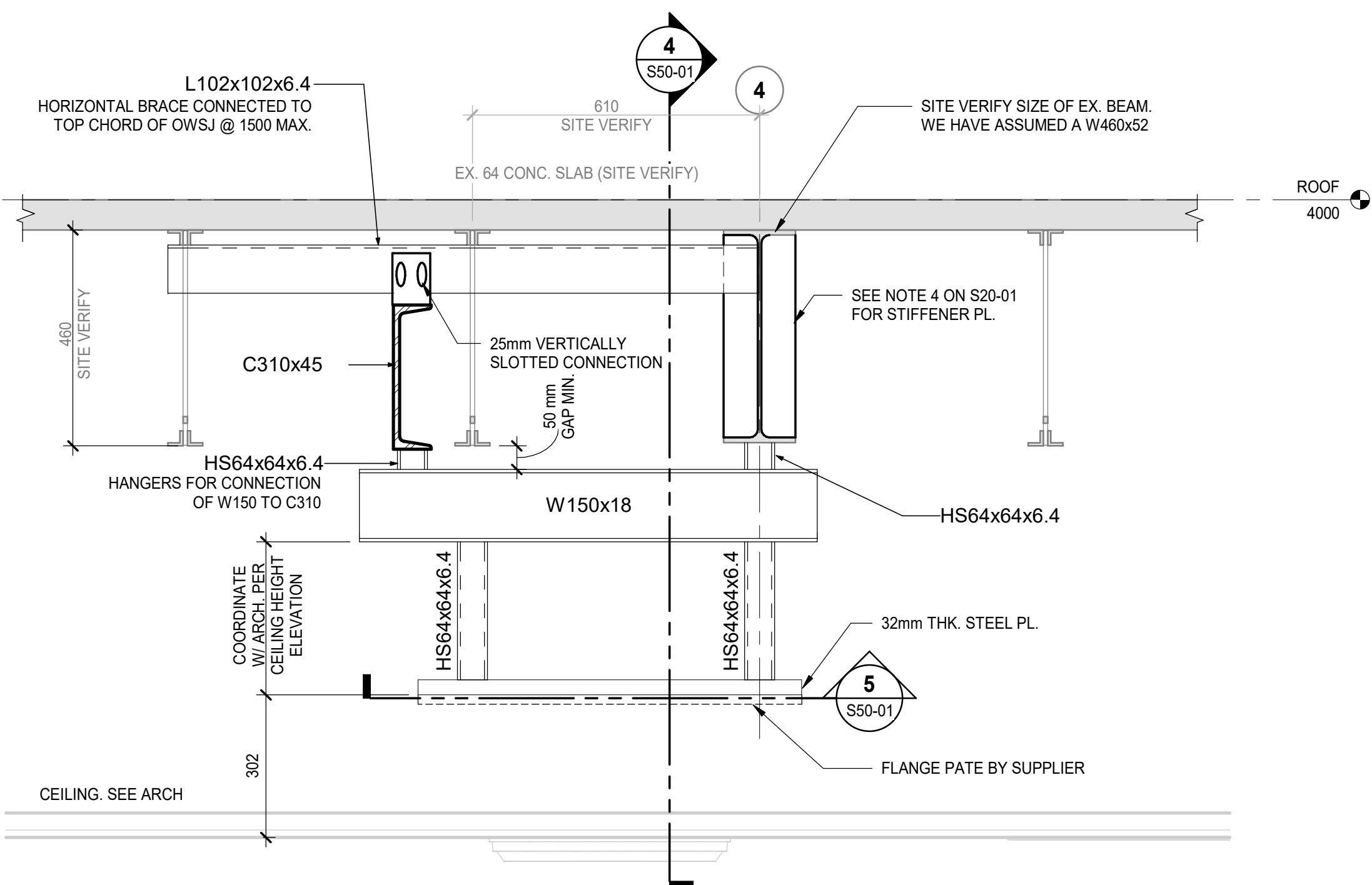
10 TYPE 02  
S50-01 SCALE:



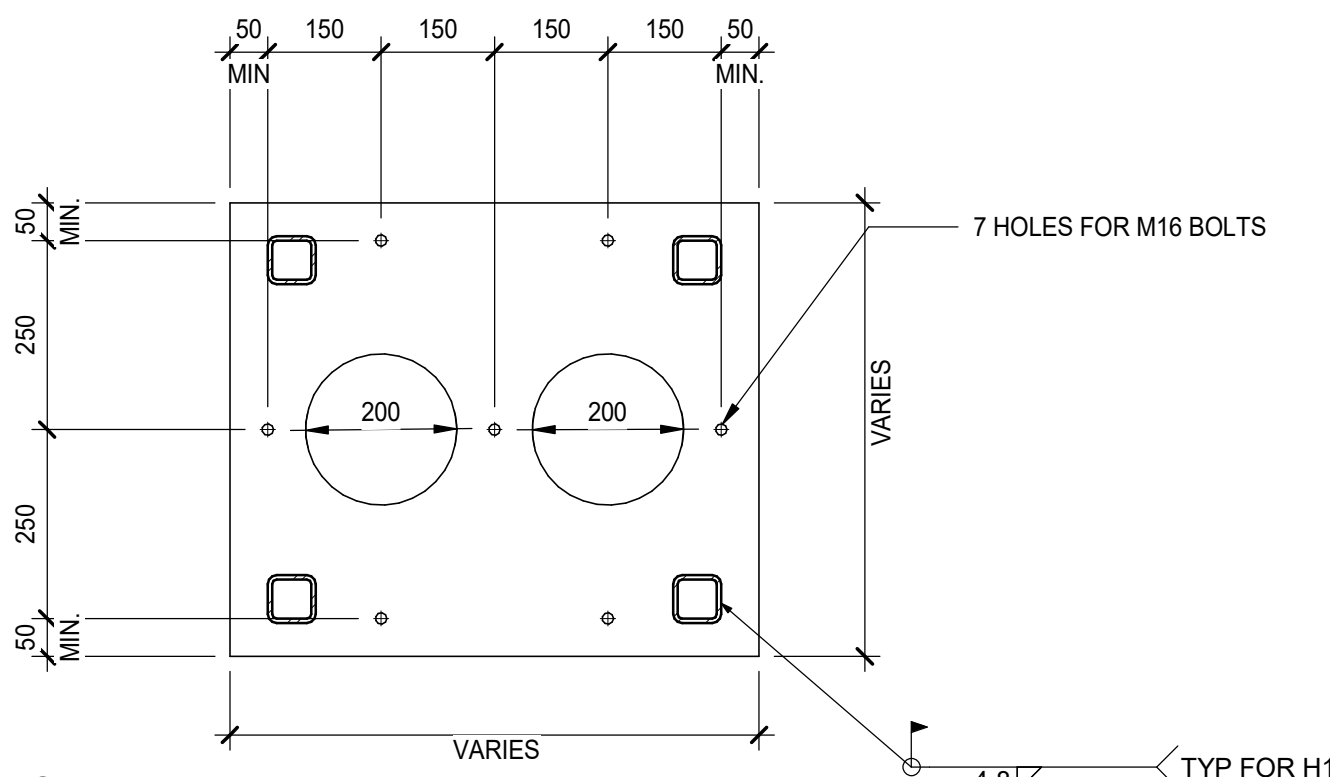
TYPE 01  
SCALE:



4 ELEVATION AT EX. BEAM  
S50-01 SCALE: 1 : 10

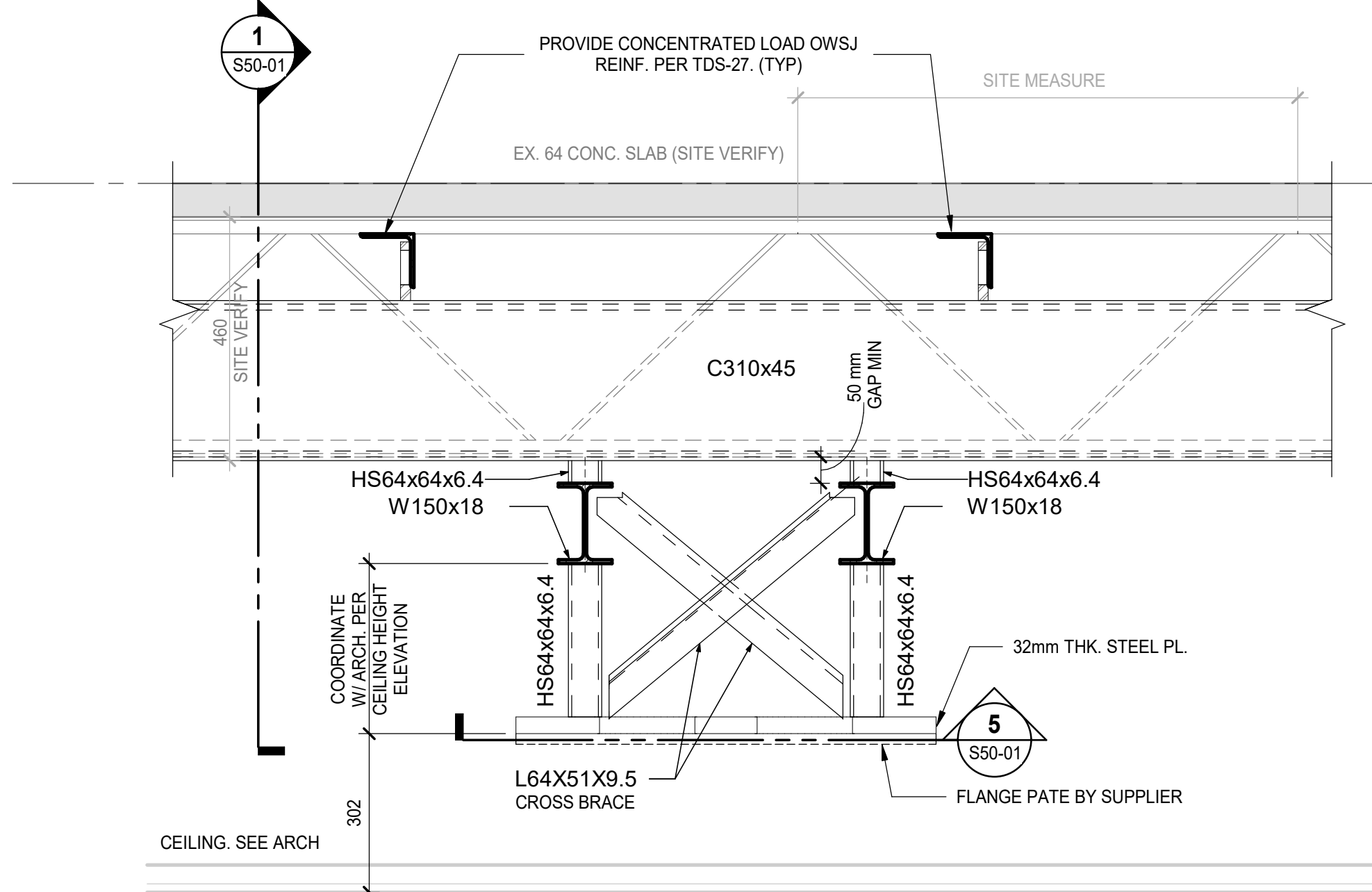


3 SECTION THROUGH EX. OWSJ AND BEAM  
S50-01 SCALE: 1 : 10

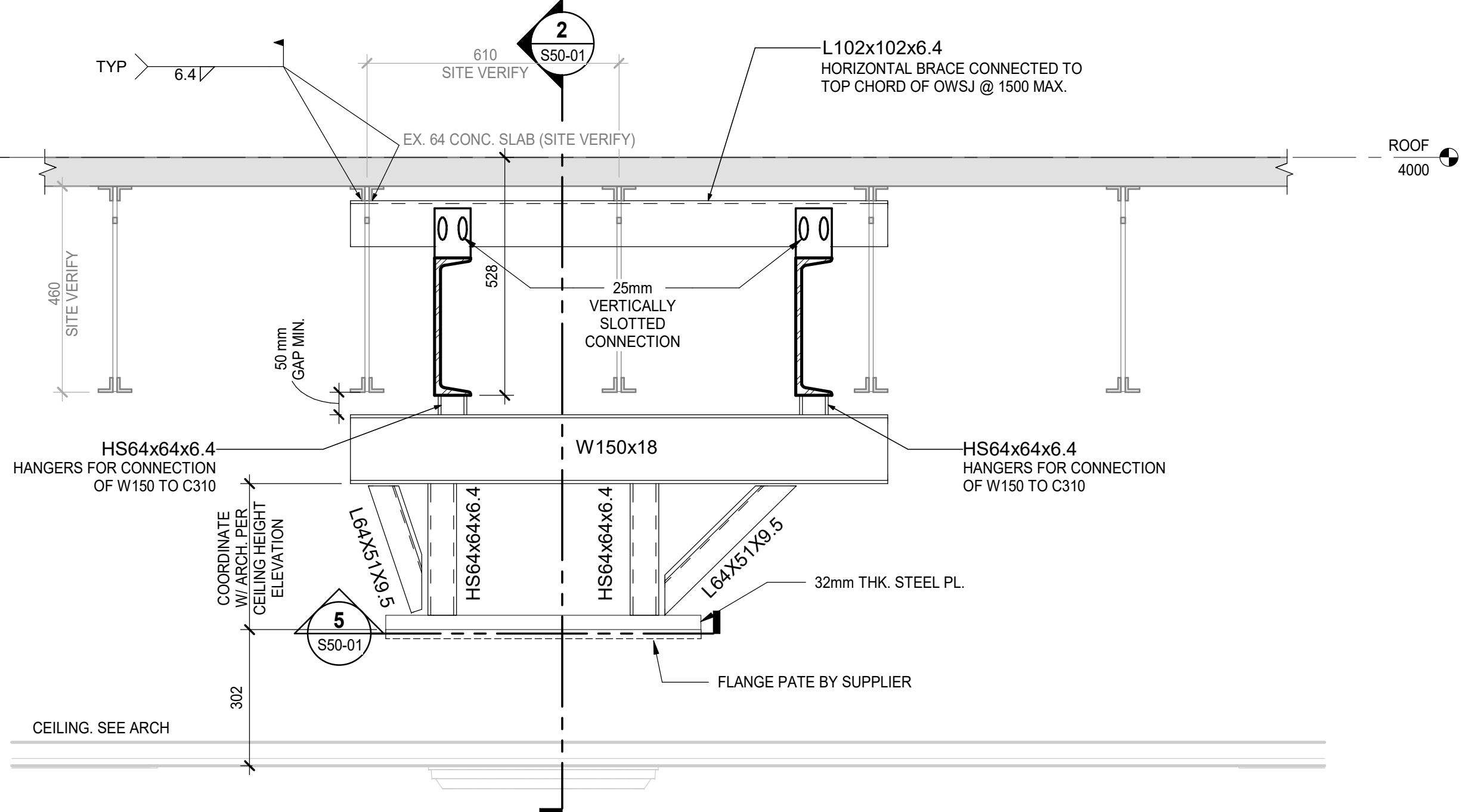


**NOTE:**  
1. TOTAL SIZE OF PLATE MAY VARY PER LOCATION OF HANGERS.  
2. ALL DIMENSIONS TO BE CONFIRMED WITH EQUIPMENT SUPPLIER.  
3. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT LOCATION OF ATTACHMENT PLATE.

5 INTERMEDIATE ATTACHMENT PLATE  
S50-01 SCALE: NTS



2 ELEVATION AT EX. OWSJ  
S50-01 SCALE: 1 : 10

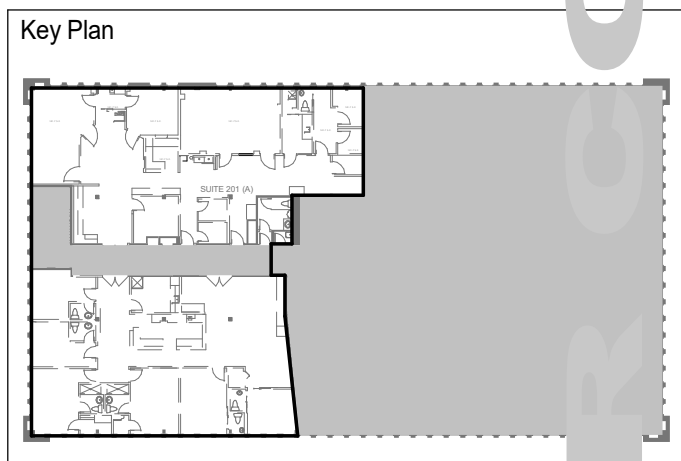


1 SECTION THROUGH EX. OWSJ  
S50-01 SCALE: 1 : 10

DATE	ISSUED FOR	REV
2025-11-19	ADDENDUM 02	1

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Seal(s)

**NORR**

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Project  
**MGH - Outpatient Ophthalmology Clinic**

20 Wynford Dr Suite 310, North York, ON M3C 1J4  
**SECTIONS AND DETAILS**

Scale	1 : 10
Project No.	HS1025-0189
Drawing No.	S50-01

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