

## ADDENDUM NO. 1

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This addendum forms part of the Contract Documents and amends the original drawings, specifications, schedules, and details dated 2025.03.07.

### A1-A1 QUESTIONS AND ANSWERS

1. Can you please confirm if there is any pre-qualified vendor list we need to use for the Mechanical & Electrical scope of work for this project?
  - A. [Yes, the M&E Contractors shall also be part of the SHN VOR list. Contact lists are attached for convenience.](#)
2. On the bid form it is stated that we are to provide Consent of Surety. Is this for a Performance Bond and for a Labour and Material Bond? And are the bonds for 50% or 100%?
  - A. [50% Material and Labour Bond.](#)
3. Is the tender submission to be emailed? And to whom?
  - A. [Via email, to Erich Hoyle \(\[ehoyle@shn.ca\]\(mailto:ehoyle@shn.ca\) \). If the attachment exceeds the email size limit, please provide a link to an FTP site for download.](#)
4. We note that the bid form does not have the name of the project on it.
  - A. [New Bid Form has been uploaded to the Tender Documents folder](#)
5. What is the anticipated award date of this project?
  - A. [The award will be in May 2025.](#)
6. With reference to demolition plan keynote of drawings A301: who is taking possession of the existing Xray/CT equipment which is being removed? And who is removing it?
  - A. [Alternate price for GC to remove and dispose of existing equipment \(3 X-Ray machines and one CT machine\).](#)
7. With reference to drawing A403 FF & E responsibilities: Please provide further information about the following:  
G4514: Gown storage
  - A. [Open shelving - 14" deep. Refer to drawing 12/A901 in Addendum 1.](#)
8. Can SHN please consider reducing the Bid Validity to 60 days, with current market conditions we are finding it very difficult to get trades to hold there pricing for 120 days.
  - A. [60 Days is acceptable](#)

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9. Please provide details of the required Consent of Surety. Is it Agreement to Bond (ATB) with 50/50 for Labor & Performance bonds?

A. [Same as A.2](#)

10. Please confirm the seismic classification of the existing building where work is to be performed, is it considered as “Post Disaster Building”? Kindly confirm if Seismic design considerations are required for this tender.

A. [Post Disaster Building with seismic design considerations \(OBC matrix, A301\).](#)

11. Please confirm if “integrated fire protection and life safety systems” testing is part of the cash allowance.

A. [Note 23 on E100 indicates the electrical contractor is to include for S1001 integrated systems testing. This test is mandatory for closeout and should not be a cash allowance.](#)

12. The provided DSS report doesn’t indicate that the testing was done at the Satellite DI work area, no samples are noted for this area. As such it is not possible to determine the presence of ACM, therefore, we assume that any asbestos containing material encountered will be removed as part of the cash allowance. Please confirm.

A. [Yes, to be carried as a cash allowance as indicated in the Architectural Specifications – Section 01 21 00, Page 2](#)

13. Please provide the timelines & work durations for Owner/Vendor supplied and installed CT equipment and X-Ray equipment’s to be incorporated in our schedule.

A. [Following the award, GC will be responsible for coordinating timelines and work durations directly with the vendor.](#)

14. Please confirm that the owner/vendor is responsible to bring in the CT equipment to the final installation place.

A. [The CT and X-Ray equipment vendors will deliver and install their equipment.](#)

15. Please clarify who is responsible for the ceiling support system (Unistrut) for the installation of new X-rays ceiling lift/rails. We don’t see any details of this in the drawings, there are 2 layouts shown for Unistrut system in the Carestream package but doesn’t have much details.

A. [GC is responsible for installing the ceiling support system \(Unistrut\) in coordination with equipment drawings. Refer to Section 05 16 00 – Structural Ceiling Grid.](#)

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16. Note 8 on the partition and furring types notes states "suffix "L" denotes lead sheet radiation protection from finishes floor to underside of structure above" but the Lead Lining note on the floor plan says a minimum of 2.13m AFF. Which do we include for?

A. [7ft. Note updated in Addendum 1.](#)

17. The specification section 09 77 33 only have listed colors for Wp-1 and Wp-3, please advise on Wp-2 color finish.

A. [WP2: Linen.](#)

18. Is splicing of the steel beams (to be installed below floor of the work area) allowed? This will overcome the access restrictions.

A. [Yes, as indicated in note no.4 on drawing S-200.](#)

19. Who is responsible for re & re of existing lockers to facilitate the steel work to be done at the level below.

A. [GC to be responsible for re & re of existing lockers. Location to be coordinated with SHN.](#)

20. What are the work hours to be considered for working in corridor and the level below the satellite DI work area.

A. [Assume after hours.](#)

21. Millwork:

a. Can the architect confirm if undermounts slides are required, or can they consider switching to side-mounted. such as Accuride 3832 EC, soft-close slides?

A. [Yes, Accuride 3832 EC is acceptable. Refer to Section 06 40 00, ADD-1](#)

b. Can the architect confirm if a Blum 110deg. soft-close hinge can be used as an alternate to Richelieu 71B358180, as they are similar?

A. [The specifications do not include Richelieu hinges. Instead, they specify the Marathon DTC C-80 Soft-Close Hinge, model 105-C80A675NF. The Blum 110deg soft-close hinge is also an acceptable alternative. Please refer to Section 06 40 00, ADD-1.](#)

c. Are all cabinets laminate on MDF interiors and exteriors?

• The chosen colour Wilsonart 5th Ave Elm, soft grain finish is a significant price difference to Wilsonart white cabinet liner. Can the architect confirm if the project should be quoted with ML-1 as laminate exteriors and ML-5 as laminate interiors?

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- A. [Yes, ML-1 as laminate exteriors and ML-5 as laminate interiors.](#)
- d. Where are the 'exposed shelf supports' used, noted in section 06 40 00, 2.5.8?
- A. [For Open upper shelving.](#)
- e. Can the fixed bulkhead panels be secured with French cleats?
- A. [No.](#)
- f. Please confirm 3mm pvc edging to match cabinet exterior is acceptable?
- A. [No.](#)
- g. Are adjustable shelves in cabinets required to be edged on all 4 edges, 2 edges or just the front edge?
- A. [Rabbet underside of shelves to receive pilaster shelf clips.](#)
- h. Please confirm if the underside of the upper cabinet needs to be finished in the cabinet interior or cabinet exterior Colour/finish?
- A. [All exteriors faces to be Wilsonart '5th Ave. Elm'.](#)
22. We are assuming that the contract type will be CCDC-2-2020 for this project, please confirm. Are there any supplementary conditions?
- A. [Yes. There are standard SHN supplementary conditions that will be shared.](#)
23. Trades are requesting an extension to the closing. Please accept our request to extend the closing date to Tuesday, May 13.
- A. [Extension to May 13<sup>th</sup> is approved. There will be no additional extensions.](#)
24. You are requesting card readers for the following doors.
- Will these doors be connected to an existing Security access control system or stand alone?
- Will these doors need to be connected to an ADO?
- G4516 – STAFF WR
- G4504 - stretcher
- G4505 – team room
- G4506A – CLEAN supply
- G4507 – CT Control Room CR

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G4512 – xray control rm CR

- A. Yes, connected to an existing Security access control system. Per SHN direction, doors listed above require card readers and do NOT require ADOs. An additional ADO will be added to Ultrasound washroom G4504. Addendum to be issued.
25. Who is the base building Security Integrator for CCTV, Access Control, and Alarms?
- A. List of base building contractors was provided as part of the Tender package.
26. Is a remote workstation required for this area?
- A. No.
27. Is there a Division 28 for Security spec?
- A. Addendum to be issued to include division 28 in specifications.
28. Please confirm whether the existing corridor work for the fire alarm devices needs to be verified during in a separate visit apart from the two phases shown on A-802. Also, please confirm if a single verification is acceptable for the complete project, or if each phase will require individual verifications.
- A. Fire alarm devices in the existing corridor are to remain active and connected to during removal and installation of corridor ceiling. Intent is to remove ceiling to assist installation of conduits/HVAC etc. Drawing note on E200 to be revised to clarify. Separate verification is required for each phase as phase 1 will be occupied first. Corridor verification can be included in one of the phases.
29. Please confirm which areas are classified for receptacles testing, and whether a single visit is acceptable for the entire project, or if each phase will require separate visits.
- A. Receptacle testing is required for all patient care areas (CT room G4508, XRAY rooms G4511 and G4513, Stretcher holding room G4506, Ultrasound rooms G4502, and Stretcher G4504) . Separate verification is required for each phase, as phase 1 will be occupied first.
30. Please confirm if '4' represents anything on the drawing E-100 as it is all over the drawing in different spots but it doesn't look like a drawing note.
- A. '4' is a plotting error. Drawings E100 and E101 to be revised.

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31. Please provide contact information if we need to include verification of the PA system after it's re-installed in the corridors.

A. [List of base building contractors was provided as part of the Tender package.](#)

32. DWG#E-301/E-304/E-305- Please provide the panel schedule for the new CT Disconnect panel-CT-01.

A. [Single line Diagram to be updated to reflect breaker sizes.](#)

33. DWG#E-301- Could you please confirm whether both X-ray disconnect switches should include a shunt trip relay to cut off the power when the emergency switch is activated?

A. [Yes, both x-ray disconnects to include a shunt trip \(per Carestream drawings\). Single line diagram and drawing note to be clarified.](#)

34. DWG#E-304 & Siemens Electrical drawing #4- If the Electrical contractor is required to provide the wires and terminations, please specify the number and size of the cables from the CT disconnect panel to a pull box, flow heater and, indoor unit cabinet.

A. [Siemens to provide wiring and termination from CT panel to CT pull box, flow heater, and indoor unit cabinet. Electrical contractor to provide conduit, and pull boxes.](#)

35. DWG#E-200- For each X-ray room, it shows a 10"x31/2" X-ray riser. If electrical is providing it, please provide the details.

A. [Contractor to provide dimension space within the wall to run specified conduits for x-ray machine. Specific product not required. Installation to meet code with access panels.](#)

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36. DWG#E-301- Key note#3- Is it acceptable to provide a CT Disconnect Panel with a shunt trip breaker instead of installing a shunt trip breaker at DP-EX3?

A. Yes, SLD updated to clarify.

37. Section-26 27 26.03-1.02.2

a. Could you please confirm which lighting control system is currently in place?

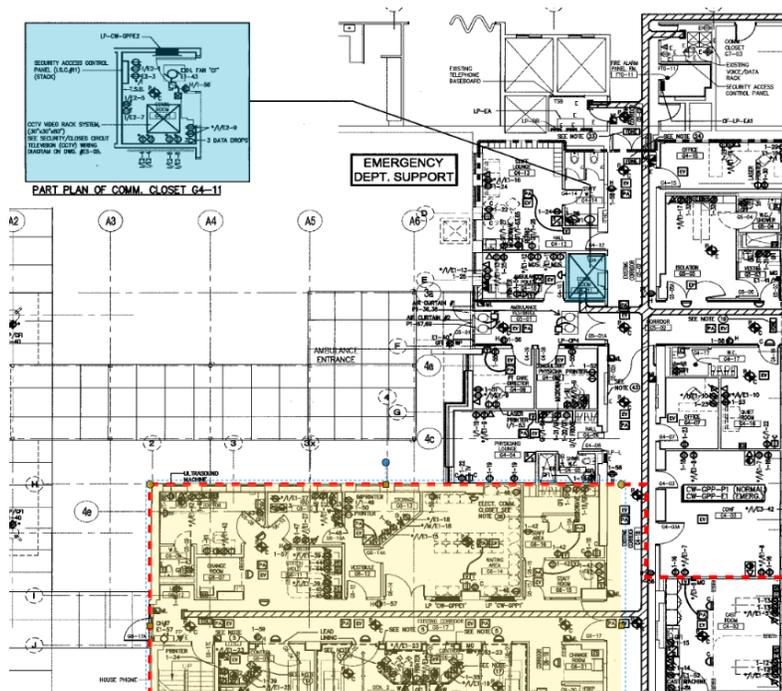
A. There is no existing lighting control system so local controls will be used.  
Specifications to be updated

38. DWG#E-301- Could you please confirm how many wires are required from the new breaker to the disconnect switches and distribution panel?

A. Single line diagram lists 4 wires (WIRE + BOND + NEUTRAL)

39. Could you please provide the location of the existing security panel?

A. The security access control panel is located in communication closet G4-11 (Highlighted in Blue). Electrical key plan to be revised to show location of communication closet.



40. Please accept our request to extend the closing date to Tuesday, May 13

A. SAME as A.23

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### A1-A2 ARCHITECTURAL SPECIFICATIONS

1. Delete the 06 40 00 – Architectural Woodwork and replace with the attached revised specification dated 2025.05.02.
2. Delete the 08 71 00 – Door Hardware and replace with the attached revised specification dated 2025.04.30.
3. Delete the 09 77 33 – Hygienic Panel Wall System and replace with the attached revised specification dated 2025.05.02.
4. Delete the 11 70 00 – Healthcare (Medical) Equipment and replace with the attached revised specification dated 2025.05.02.

### A1-A3 ARCHITECTURAL DRAWINGS

1. Reference Drawings: A000, A001, A100, A301, A401, A402, A501, A502, A801, A802, A901, A902.
  - 1.1. Replace drawings A000, A001, A100, A301, A401, A402, A501, A502, A801, A802, A901 with the attached drawings Issued for Addendum No.1 with revision date 2025.05.02.
  - 1.2. Add drawing A404 – Existing Partial Basement Floor Plan, Issued for Addendum No.1 with revision date 2025.05.02.

### A1-A4 ATTACHMENTS

1. **Provide and install signage for the Satellite DI Reno area as specified in the following documents:**
  - 1.1. SHN Satellite DI Reno Signage Package: Design Development (6 pages, dated April 16, 2025).
  - 1.2. Appendix B: Interior Signage & Wayfinding Construction Documents (128 pages, dated April 3, 2025).
  - 1.3. Acceptable vendors are as follows:
    - 1.3.1. PCL Graphics - **416-756-3600** - 55 Clegg Rd Markham, Ontario L6C 1B9
    - 1.3.2. Acumen Visual Group Inc - (**905**) **947-0770** - 30 Riviera Dr, Markham, ON L3R 5M1

### A1-M1 Mechanical Addendum #1

1. Reference Drawings: M111, M131, M141, M211, M231 and M242
  - 1.1. Replace drawings M111, M131, M141, M211, M231 and M242 with the attached drawings Issued for Addendum No.1 with revision date 2025.05.02.

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### A1-E1 Electrical Addendum #1

#### 1. Reference Drawings: E100, E101, E200, E201, E301, E304

- 1.1. Replace drawings E100, E101, E200, E201, E301, E304 with the attached drawings Issued for Addendum No.1 with revision date 2025.05.02.
- 1.2. Add drawing E002 Key Plan, Issued for Addendum No.1 with revision date 2025.05.02.

#### 2. Reference Specifications

- 1. Ref. Specification Section 26 00 00 TABLE OF CONTENTS
  - 1.1. Revise Specification Section 26 00 00 TABLE OF CONTENTS as per the attached Issued for Addendum #1 dated May 2, 2025.
- 2. Ref. Specification Section 26 27 26.03 OCCUPANCY SENSORS
  - 2.1. Revise Specification Section 26 27 26.03 OCCUPANCY SENSORS as per the attached Issued for Addendum #1 dated May 2, 2025.
- 3. Ref. Specification Section 28 13 00 ACCESS CONTROL
  - 3.1. Revise Specification Section 28 13 00 ACCESS CONTROL as per the attached Issued for Addendum #1 dated May 2, 2025.
- 4. Ref. Specification Section 28 23 00 VIDEO SURVEILLANCE SYSTEM
  - 4.1. Revise Specification Section 28 23 00 VIDEO SURVEILLANCE SYSTEM as per the attached Issued for Addendum #1 dated May 2, 2025.

**END OF ADDENDUM #1**

## Architectural Woodwork

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Section revised by Addendum No. 1

### PART 1 - GENERAL

#### 1.1 Summary

- .1 Section includes:
  - .1 Work of this section includes architectural woodwork including, but not limited to, the following:
    - .1 Cabinetry and hardware.
    - .2 Plastic laminate fabrications.
    - .3 Solid surfacing fabrications.
    - .4 Factory and site finishing of architectural woodwork.

#### 1.2 Administrative Requirements

- .1 Coordination:
  - .1 Coordinate with other work for satisfactory and expeditious completion of the work of this section. Coordinate with partition accessories, electrical, communications, and finish components to ensure that proper provisions are made for the installation of the work of this section and for work by others.
  - .2 Where woodwork is to be fitted to other construction, check actual dimension of other construction by accurate field measurements before manufacturing woodwork; show recorded measurements on final shop drawings. Coordinate manufacturing schedule with construction progress to avoid delays in the *Work*.
  - .3 Provide forms, templates, anchors, sleeves, inserts and accessories required to be fixed to or inserted in the work of this section and set in place. Instruct applicable *Subcontractors* as to their locations.
  - .4 Provide cut-outs for raceways, sleeves, grommets and other manufactured accessories which are required for the work of this section and for work by others.
  - .5 Architectural woodwork specified under this section includes woodwork items which are closely integrated with both prefinished and field painted architectural metalwork, stonework, glass, and built-in electrical components, and consequently requires close coordination with such allied trades. This section is responsible for ensuring correct installation procedures and results.
- .2 Conduct a pre-fabrication meeting in accordance with Section 01 31 19.

#### 1.3 Submittals

- .1 Submit required submittals in accordance with Section 01 33 00.
- .2 *Product* data sheets:
  - .1 Submit manufacturer's *Product* data for each type of *Product* and process proposed for use in the work of this section and incorporated into items of architectural woodwork.

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- .3 Shop drawings:
  - .1 Submit shop drawings for the work of this section complying with the North American Architectural Woodwork Standards 4.0 requirements.
  - .2 Submit engineered shop drawings, including seismic design, connections and restraint.
  - .3 Indicate quality standards and grades.
  - .4 Include full scale drawings of exposed-to-view edge conditions.
  - .5 Include plans, sections and large scale details, and indicate components and methods of assembly, fastenings, and other fabrication information required for the work of this section. Indicate assembly joint lines.
  - .6 Include materials and their characteristics and finishes as applicable including the following:
    - .1 Panel core and material types, thicknesses, compliance with specified standards, special treatments.
    - .2 Adhesive types to be used and locations.
    - .3 Finishing requirements including North American Architectural Woodwork Standards 4.0 finish system number, sheen, and required application steps.
  - .7 Submit coordination drawings indicating locations of concealed grounds, cut-outs, plates, and other required fabrications.
  - .8 Show relation to adjoining construction, details of outside and inside corners and door openings.
- .4 Selection samples:
  - .1 Casework hardware, one unit of each type and finish.

### 1.4 Closeout Submittals

- .1 Submit closeout submittals in accordance with Section 01 78 00.
- .2 Operation and maintenance data:
  - .1 Submit maintenance and cleaning instructions for finishes requiring specific care, noting particularly those procedures or materials which will cause damage to finished surfaces to be included in maintenance manuals.
- .3 Maintenance materials:
  - .1 Deliver extra sets of hardware items for maintenance as follows:
    - .1 10 % of each type actually installed, but not less than 2 sets.

### 1.5 Quality Assurance

- .1 Qualifications:
  - .1 Manufacturers:

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- .1 Architectural woodwork shall be manufactured by a firm having 5 years' experience, minimum, on work of similar size and quality.
  - .2 Shall be a member in good standing of the Architectural Woodwork Institute or the Architectural Woodwork Manufacturers Association of Canada or the Woodwork Institute.
  - .3 Solid surfacing fabricator: Fabrication to be performed by a solid surface manufacturer's certified fabricator. Submit certification letter prepared by the solid surfacing manufacturer.
- .2 Installers:
    - .1 Has successfully completed 2 architectural woodwork projects similar in scope, materials and design to this *Project* within the last 5 years.
  - .2 Quality standard:
    - .1 Work shall be in accordance with the North American Architectural Woodwork Standards 4.0, Premium Grade, or the highest grade available for performance and appearance characteristics of materials in Sections 3 – 5 used that apply to *Product* fabrication and installation requirements governed by Sections 6 – 12.

#### 1.6 Product Handling

- .1 Product handling shall be in accordance with Section 01 60 00 as supplemented by the requirements of Section 06 40 00.
- .2 Protect architectural woodwork during transit, delivery, storage and handling to prevent damage, spoilage, and deterioration.
- .3 Do not deliver woodwork until painting, wet work, grinding, and similar operations that could damage, soil, or deteriorate architectural woodwork have been completed in installation areas. If woodwork must be stored in other than installation areas, store only in areas whose environmental conditions meet requirements specified under paragraph Site Conditions paragraphs of Section 06 40 00.
- .4 The architectural woodwork manufacturer and the *Contractor* shall be jointly responsible to make certain that architectural woodwork is not delivered until the building and storage areas are sufficiently dry so that the architectural woodwork will not be damaged by changes in moisture content.

#### 1.7 Site Conditions

- .1 During storage and installation: Obtain and comply with North American Architectural Woodwork Standards 4.0 for optimum temperature and relative humidity conditions for woodwork during its storage and installation. Do not install woodwork until these conditions have been attained. Woodwork shall be acclimatized for a minimum of 72 hours prior to commencing woodwork installation.
- .2 During finishing: Comply with Architectural Woodwork Standard's temperature and humidity requirements before, during, and after application of finishes.
- .3 During service life of woodwork: Obtain and comply with woodwork manufacturer's advice for optimum temperature and humidity conditions.

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### 1.8 Warranty

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

## PART 2 - PRODUCTS

### 2.1 Performance/Design Requirements

- .1 Casework integrity shall meet the minimum acceptance levels in accordance with SEFA 8-1999 as outlined in the North American Architectural Woodwork Standards 4.0 and additional or greater loading capacities as specified throughout the North American Architectural Woodwork Standards 4.0.
- .2 Maximum allowable adjustable shelf lengths shall comply with shelves assembly rules per the North American Architectural Woodwork Standards 4.0 based on shelf thickness indicated or scheduled.

### 2.2 Panel Materials

- .1 Panel material schedule; except where indicated otherwise:
  - .1 Thickness: 19 mm (3/4") minimum.
  - .2 Core panels:
    - .1 At plastic laminate: MDF.
    - .2 Plywood backing; countertops, backsplashes, and where indicated: Exterior grade plywood with no added urea-formaldehyde used in composition.
  - .3 Maximum moisture content at time of installation: 10% to 12%.
- .2 Plywood:
  - .1 Veneer core plywood non telegraphing grain: Sanded good one side or good two sides (when both sides exposed or to receive applied finish materials) plywood:
    - .1 Hardwood plywood: in accordance with ANSI/HPVA HP-1-2016.
    - .2 Softwood plywood: to Voluntary Product Standard: PS-1-09 Structural Plywood (with Typical APA Trademarks).
  - .3 Medium density fibreboard (MDF):
    - .1 To ANSI A208.2-2016, 19 mm (3/4") minimum thickness, 720 kg/m<sup>3</sup> (45 lbs/ft<sup>3</sup>) minimum density and as follows:
      - .1 Grade: Grade 130.
      - .2 Formaldehyde emission: No added urea-formaldehyde used in composition.

### 2.3 Plastic and Composite Materials

- .1 High pressure decorative laminate:
  - .1 General purpose grade: in accordance with ANSI/NEMA LD 3-2005, Horizontal General Purpose Grade (HGS).

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- .2 Colours, finishes, and patterns:
  - .1 Acceptable *Products*:
    - .1 ML-1: Wilsonart '5th Ave. Elm, soft grain finish.
    - .2 Acceptable alternates to ML-1:
    - .3 ML-5: Wilsonart 'White Cabinet Liner', matte finish.
  - .2 Substitutions: in accordance with Section 01 25 00.
- .2 Solid surfacing sheet:
  - .1 Homogenous (not coated, laminated or composite construction), filled material containing methyl methacrylate.
    - .1 Acceptable *Product*: Dupont 'Corian'.
    - .2 Nominal sheet thickness: 13 mm (1/2") minimum, unless otherwise indicated.
    - .3 Colours:
      - .1 CTR-1: White Jasmine.
    - .4 Substitutions: in accordance with Section 01 25 00.
  - .2 Provide solid surface edges with 38 mm (1-1/2") bullnose where indicated.

### 2.4 Fasteners and Adhesives

- .1 Fasteners shall comply with North American Architectural Woodwork Standards 4.0.
- .2 Adhesives: Shall be used for intended purpose and manufacturer materials applications and installation, applied in accordance with manufacturer's written requirements and shall comply with the "adhesive usage guidelines" recommendations of North American Architectural Woodwork Standards 4.0.

### 2.5 Hardware

- .1 Casework hardware; to be furnished and installed by the architectural woodwork manufacturer.
  - .1 Where casework hardware is not specified or indicated on drawings or scheduled, casework hardware shall comply with ANSI/BHMA Standards, latest edition, minimum grades, loading and other basic rules per the North American Architectural Woodwork Standards 4.0.
  - .2 Drawer slide; medium duty:
    - .1 Soft close.
    - .2 Pound Class 100.
    - .3 Height: 45 mm (1-47/64").
    - .4 Clearance:
      - .1 13 mm (1/2") plus 0.8 mm (1/32") minus 0 inches per side.

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- .1 *Acceptable Products:*
  - .1 BLUM Movento.
  - .2 Salice 'Futura'.
  - .3 Accuride '3832 EC'. [Added by Addendum No. 1]
- .3 Hinges:
  - .1 *Acceptable Product:*
    - .1 Marathon 'DTC C-80 Soft-Close Hinge, 105-C80A675NF'.
    - .2 Richelieu 'Clip Top Blumotion 71B358180'. [Added by Addendum No. 1]
    - ~~.3~~ Substitutions: in accordance with Section 01 25 00.
- .4 Pulls; doors and drawers, except where otherwise indicated:
  - .1 *Acceptable Product:*
    - .1 Marathon 'Modern Bar Pull, 128 mm, Brushed Satin Nickel, 9303-BSN'.
    - .2 Substitutions: in accordance with Section 01 25 00.
- .5 Locks; swinging doors and drawers, except where otherwise indicated:
  - .1 Locks shall be keyed alike, unless otherwise indicated.
  - .2 *Acceptable Product:*
    - .1 Hafele 'Cam locks, FH Series'.
    - .2 Substitutions: in accordance with Section 01 25 00.
- .6 Magnetic catches:
  - .1 *Acceptable Product:*
    - .1 Hafele 'Magnetic Catch 3-4 KG Pull.'
      - .1 Colour/finish: to be later selected by Consultant.
      - .2 Substitutions: in accordance with Section 01 25 00.
- .7 Grommets:
  - .1 *Acceptable Product:*
    - .1 Richelieu 'Round Cable Grommet, 9004430'.
      - .1 Colour: White.
      - .2 Substitutions: in accordance with Section 01 25 00.
- .8 Exposed shelf supports.
  - .1 *Acceptable Product:*
    - .1 Richelieu 'U-Shaped Steel Pilaster, 2553024'.
    - .2 Substitutions: in accordance with Section 01 25 00.
  - .2 Colour shall be White.

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- .9 Pilaster strips:
  - .1 Flush mounted.
  - .2 *Acceptable Product*:
    - .1 Knappe & Vogt 255 Series.
    - .2 Substitutions: in accordance with Section 01 25 00.
- .10 Pilaster clips:
  - .1 *Acceptable Product*:
    - .1 Knappe & Vogt 256 Series.
    - .2 Substitutions: in accordance with Section 01 25 00.
- .11 Adjustable shelf standards and supports:
  - .1 Finishes:
    - .1 For cabinets with baked enamel finish: Cadmium or chrome plated steel.
    - .2 For stainless steel cabinets: stainless steel or gloss nickel finish.
  - .2 *Acceptable Product*:
    - .1 Richelieu 'Model 1461210'.
    - .2 Substitutions: in accordance with Section 01 25 00.
- .12 Nuts, bolts, and washers: shall be stainless steel or aluminum.

#### 2.6 Finishes - Interior Architectural Woodwork

- .1 General: The entire finish of interior architectural woodwork is specified in this section, regardless of whether factory applied or applied after installation.
- .2 Preparations for finishing:
  - .1 Prior to finishing, exposed portions of woodwork shall have handling marks or effects of exposure to moisture removed with a thorough final sanding over surfaces of the exposed portions, using appropriate grit sandpaper, and shall be cleaned prior to applying sealer or finish. Sanding shall be completed just prior to stain or finishing application.
  - .2 Concealed surfaces of woodwork that might be exposed to moisture, such as those adjacent to exterior concrete or masonry walls, shall be back-primed.
  - .3 Comply with referenced quality standard in Part 1 for sanding, filling countersunk fasteners, sealing concealed surfaces and similar preparations for finishing of architectural woodwork, as applicable to each unit of work.

#### 2.7 Fabrication

- .1 Fabricate woodwork to dimensions, profiles, and details indicated with openings and mortises pre-cut, where possible, to receive hardware and other items of work.

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- .2 Complete fabrication, assembly, finishing, hardware application, and other work before shipment to maximum extent possible. Trial fit in shop and disassemble components only as necessary for shipment and installation. Where necessary, provide ample allowance for scribing, trimming, and fitting. Reassemble with concealed fasteners.
- .3 Provide woodwork, solid tops and other indicated materials with pre-cut openings, where possible, for hardware, appliances, plumbing fixtures, electrical work, telephone cut-outs and similar items. Locate openings accurately and provide proper size and shape. Smooth edges of cut-outs and, where located in countertops, seal edges of cut-outs with a water-resistant coating.
- .4 Provide framing for architectural woodwork, complete with bracing and fastening devices as required for a rigid installation, and as required to sustain the imposed loads.
- .5 Reinforcing shown is minimum. Provide additional reinforcing as required to ensure a rigid assembly. Take responsibility for the stability of furniture and fitments.
- .6 Provide balancing sheets as required, and specified, complying with the North American Architectural Woodwork Standards 4.0.
- .7 Provide surface mount blocking and strapping necessary to support the work of this section. Such blocking shall not be exposed upon completion of work.
- .8 Prefinish work at the factory, except where specified or indicated otherwise.
- .9 Solid wood edging: No end grain shall be visible; mitre external corners; house internal corners.

### **2.8 Fabrication - Solid Surfacing**

- .1 Fabricate components in shop to greatest extent practical to size and shape indicated, in accordance with reviewed shop drawings and manufacturer's written requirements.
- .2 Form joints between components using manufacturer's standard joint adhesive. Joints shall be inconspicuous in appearance and without voids. Attach 100 mm (4") wide solid surfacing material reinforcing strip under joints.
- .3 Provide holes and cut-outs as indicated or as required.
- .4 Rout and finish component edges to a smooth, uniform finish. Rout cut-outs then sand edges smooth. Repair or reject defective or inaccurate work.
- .5 Surfaces shall have a uniform finish.

## **PART 3 - EXECUTION**

### **3.1 Preparation**

- .1 Condition woodwork to field conditions in installation areas before installing. Ensure that field conditions have been provided as requested and specified.
- .2 Before installing architectural woodwork, examine shop-fabricated work for completion and complete work as required, including back priming and removal of packing.
- .3 Provide grounds, nailers and other required fabrications which are to be built into other work when required.

## Architectural Woodwork

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Section revised by Addendum No. 1

- .4 Ensure that wall and ceiling variations are not in excess of 6.4 mm (1/4") in 3658 mm (144") and that floors are not in excess of 12.7 mm (1/2") in 3658 mm (144") of being plumb, level, flat, straight, square, of the correct size. Variations shall be corrected prior to installation of work of this section.
- .5 Report conditions contrary to requirements preventing proper installation. Do not proceed with the installation until unsatisfactory conditions have been corrected.

### 3.2 Installation

- .1 Install woodwork to comply with North American Architectural Woodwork Standards 4.0 for same grade specified in Part 1 of this section for type of woodwork involved.
- .2 Install woodwork plumb, level, true, and straight with no distortions.
- .3 Scribe and cut woodwork to fit adjoining work and refinish cut surfaces or repair damaged finish at cuts.
- .4 Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure to grounds, stripping and blocking with countersunk, concealed fasteners and blind nailing as required for a complete installation. Except where prefinished matching fastener heads are required, use fine finishing nails for exposed nailing, countersunk and filled flush with woodwork and matching final finish where transparent finish is indicated.
- .5 Complete the finishing work specified in this section to whatever extent not completed at shop or before installation of woodwork.

### 3.3 Installation - Tolerances

- .1 Install to a tolerance of 3 mm in 2400 mm (1/8" in 8'-0") for plumb and level (including tops) and with no variations in flushness of adjoining surfaces unless otherwise acceptable in accordance with the North American Architectural Woodwork Standards 4.0.

### 3.4 Adjusting and Cleaning

- .1 Repair damaged and defective woodwork where possible to eliminate defects functionally and visually; where not possible to repair, replace woodwork.
- .2 Clean, lubricate, and adjust hardware.
- .3 Clean woodwork on exposed and semi-exposed surfaces. Touch up factory-applied finishes to restore damaged or soiled areas.

### 3.5 Protection

- .1 Protect architectural woodwork during remainder of construction period to ensure that work will be without damage or deterioration at time of acceptance.
- .2 Provide final protection and maintain conditions, in a manner acceptable to manufacturer and installer, that ensure that woodwork is without damage or deterioration at time of *Substantial Performance of the Work*.

**END OF SECTION**

# DOOR HARDWARE

08 71 00

PROJECT:



SHN Satellite Imaging Renovation  
Scarborough, ON

ARCHITECT:



401 Wellington Street W.  
Suite 100  
Toronto, ON

Prepared By: Alex Bekmansourov

Date: January 24, 2025

Revised: April 30, 2025

# Architectural Hardware Finishes

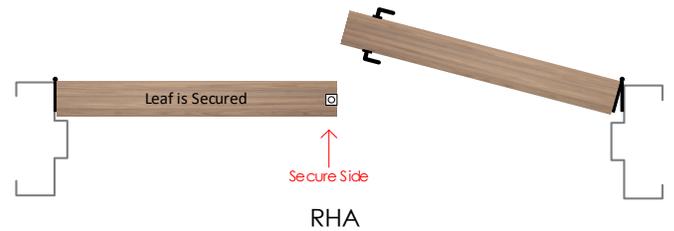
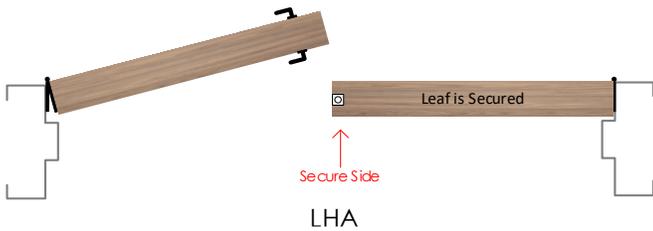
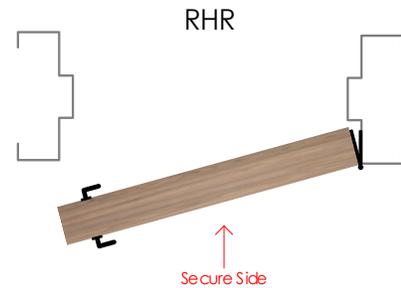
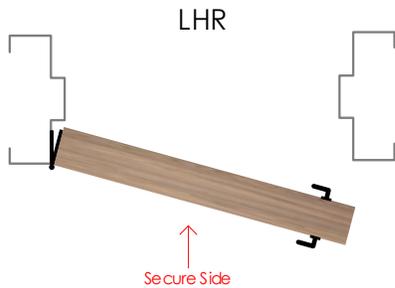
	Steel	Stainless Steel	Brass/Bronze	Aluminum	Paint/Powder Coat	US/CAN
Clear Anodized				628	689	US28
Satin Nickel	646		619	670		US15
Polished Nickel	645		618	669		US14
Satin Stainless Steel		630				US32D
Polished Stainless Steel		629				US32
Satin Chrome	652		626	702		US26D
Polished Chrome	651		625	672		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

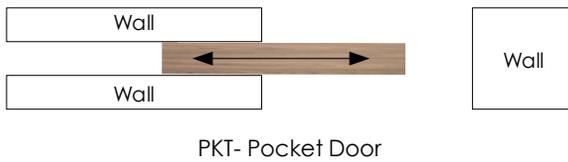
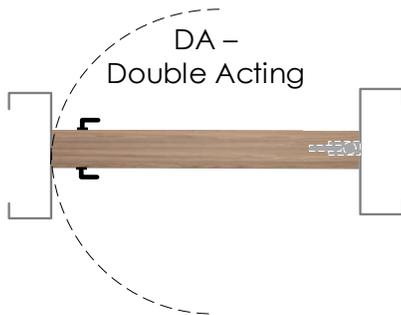
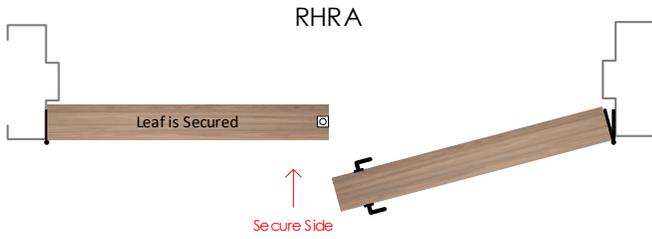
# Door Handing's

## 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.





## Products & Alternatives

**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.

Product Type	Product#	Manufacturer	Alternate Manufacturer 1	Alternate Manufacturer 2
Butt Hinge	CB1900	Best		
Lockset	L9000 series	Schlage		
Exit Device	98 series	Von Duprin		
Electric Strike	1500 / 1006	HES		
Overhead Stop	100 series	Glynn Johnson		
Door Closer	4040XP series	LCN		
Auto Door Operator	SW200i	Besam		
ICU Sliding Doors	Versamax 2.0 ICU Sliding Door	Besam		
Touchless Restroom Control Kit	CX-WC16	Camden		
Emergency Call Kit	CX-WEC10K2	Camden		
Power Transfer	EPT10	Von Duprin		
Double Acting Continuous Hinge	DSH1000	Pemko		
Emergency Release Stop	ERS	Pemko		
Kick / Armour Plate	K10 series	Standard Metal		
Edge Guard	K42	Standard Metal		
Full Frame Guard	K50	Standard Metal		
Flush Bolt	F65UL	Standard Metal		
Door Bottom	CT-54	KN Crowder		
Smoke / Sound Seal	W-66	KN Crowder		
Door Sweep	W-24S	KN Crowder		
Touchless Actuator	CM-331/43S-SGLR	Camden		
Touchless Actuator	CM-331/42-SWSGLR	Camden		
Logic Relay	CX-33	Camden		
Sliding Door Kit	CCSF-JST	KN Crowder		
Elec. Sliding Door Lock	XGT-202-PD97 ATL 80-S7	Inox		

## 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  
 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  
 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  
 ¼ 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 none functioning weblink.

# HARDWARE SCHEDULE

Heading# 1

Opening Information					
<b>Opening Type:</b>	<b>Pair</b>	<b>Opening Size:</b>	1 - 1067 & 1 - 508 x 2135 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	<b>HMD</b>	<b>Frame Material:</b>	<b>HMF</b>	<b>Fire Rating</b>	None

1	Total Openings							
1	<b>Door#</b>	G4502	<b>Location:</b>	Stretcher G4504	To	Ultrasound G4502	<b>Handing:</b>	LHA

Web Link  
Site Verified

By Hardware Supplier						
6	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Flush Bolt	F65UL	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Classroom Lockset	L9070BDC 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Overhead Stop	105F (With Hold Open)	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Door Closer	4040XP REG ST-1630	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Drop Plate	4040XP-18TJ	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 1029 x Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate	K10A 864 x 1029 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 470 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate	K10A 864 x 470 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Door Edge Guard	K42F x 2134 x 3M Tape (Size to Suit Door Height)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Frame Guard	K51F x 1220 x 3M Tape (Width to Suit Jamb Profile)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>

1	Wall Stop	S121 x C32D	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Astragal	Welded Z Astragal by Door Supplier				<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 8000	Black	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 1067	630 / US32D / Satin Stainless Steel	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 508	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>
<b>By Owner</b>						
1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>

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

Heading# 2

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>	G4503	<b>Location:</b>	Stretcher G4504	To	WR G4503	<b>Handing:</b>	DA

Web Link  
Site Verified

By Hardware Supplier						
1	Double Acting Cont. Hinge	DSH1000 x 2135	628 / US28 / Clear Anodized	Pemko		<input type="checkbox"/>
1	Emergency Release Stop	ERS-M-2135-C-Notch x HT	628 / US28 / Clear Anodized	Pemko		<input type="checkbox"/>
1	Privacy Set	L9040 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Overhead Stop	104S (notch both sides of door)	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 852 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 852 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 890	630 / US32D / Satin Stainless Steel	KN Crowder		<input type="checkbox"/>

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



Heading#

3

Opening Information					
<b>Opening Type:</b>	Single	<b>Opening Size:</b>	1 – 1067 & 1 - 610 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>	G4504	<b>Location:</b>	Ex Corridor G4-18	To	Strecher G4504	<b>Handing:</b>	LHA

Web Link

Site Verified

By Hardware Supplier								
6	Heavy Weight Butt Hinge		HT-CB1901 127 x 114		652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Power Transfer		EPT-10		630 / US32D / Satin Stainless Steel	Von Duprin		<input type="checkbox"/>
1	Combination Flush Bolt		FB51T		630 / US32D / Satin Stainless Steel	Ives		<input type="checkbox"/>
1	Storeroom Lockset		L9080BDC 17B		626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Electric Strike		1006CS		630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
2	Door Closer		4040XP REG ST-1630		689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
2	Drop Plate		4040XP-18TJ		689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Overhead Stop		105S		630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Overhead Stop		102S		630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Coordinator		COR52		689 / US28 / Painted Aluminum	Ives		<input type="checkbox"/>
2	Magnetic Hold Open		SEM 7830		689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Kick Plate		K10A 250 x 1029 Tape (Pull Side)		630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate		K10A 864 x 1029 Tape		630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Kick Plate		K10A 250 x 572 Tape (Pull Side)		630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>

1	Armour Plate	K10A 864 x 572 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Door Edge Guard	K42F x 2134 x 3M Tape (Size to Suit Door Height)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Door Edge Guard	K42F x 2134 x 3M Tape (Size to Suit Door Height) – E/S PREP	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Frame Guard	K51F x 1220 x 3M Tape (Width to Suit Jamb Profile)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Astragal	Welded Z Astragal by Door Supplier				<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 8000	Black	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 1067	630 / US32D / Satin Stainless Steel	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 610	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>
By Security Supplier						
1	Card Reader	By Security Supplier to Suit Existing System				<input type="checkbox"/>
1	Door Contact	By Security Supplier				<input type="checkbox"/>
1	Request to Exit	By Security Supplier				<input type="checkbox"/>
1	Power Supply	By Security Supplier				<input type="checkbox"/>
1	Access Controller	By Security Supplier				<input type="checkbox"/>
1	FA Integration	FA Integration for Magnetic Hold Open				<input type="checkbox"/>
By Owner						
1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>

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



Heading# 4

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#	G4505	Location:	Ex Corridor G4-17	To	Team Room G4505	Handing:	LH

Web Link  
Site Verified

**By Hardware Supplier**

3	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
1	Door Closer	4040XP REG ST-1630	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Drop Plate	4040XP-18TJ	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 927 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 927 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder		<input type="checkbox"/>
1	Auto Door Bottom	CT-54 x 965	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

**By Security Supplier**

1	Card Reader	By Security Supplier to Suit Existing System				<input type="checkbox"/>
1	Door Contact	By Security Supplier				<input type="checkbox"/>
1	Request to Exit	By Security Supplier				<input type="checkbox"/>
1	Power Supply	By Security Supplier				<input type="checkbox"/>
1	Access Controller	By Security Supplier				<input type="checkbox"/>

**By Owner**

1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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End of Heading



Heading# 5

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

1 Total Openings								
1	Door#	G4507	Location:	Ex Corridor G6-17	To	Control G4507	Handing:	RH

Web Link  
Site Verified

By Hardware Supplier						
3	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
1	Door Closer	4040XP REG ST-1630	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Drop Plate	4040XP-18TJ	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 927 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 927 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder		<input type="checkbox"/>
1	Auto Door Bottom	CT-51 x 965	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

By Security Supplier						
1	Card Reader	By Security Supplier to Suit Existing System				<input type="checkbox"/>
1	Door Contact	By Security Supplier				<input type="checkbox"/>
1	Request to Exit	By Security Supplier				<input type="checkbox"/>
1	Power Supply	By Security Supplier				<input type="checkbox"/>
1	Access Controller	By Security Supplier				<input type="checkbox"/>

By Owner

1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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.....End of Heading.....

Heading# 6

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>	SCWD-LL	<b>Frame Material:</b>	HMF-LL	<b>Fire Rating</b>	None

1	Total Openings							
1	<b>Door#</b>	G4507A	<b>Location:</b>	Control G4507	To	CT C4508	<b>Handing:</b>	RH

Web Link  
Site Verified

By Hardware Supplier						
4	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Passage Latchset	L9010 x 17B x XL11-515	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Door Closer	4040XP PA	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 927 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 927 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 965	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

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



Heading#

7

Opening Information					
<b>Opening Type:</b>	<b>Pair</b>	<b>Opening Size:</b>	1-1220 / 1-610 x 2134 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD-LL	<b>Frame Material:</b>	HMF-LL	<b>Fire Rating</b>	None

1 Total Openings								
1	<b>Door#</b>	G4508	<b>Location:</b>	Ex Corridor G6-17	To	CT G4508	<b>Handing:</b>	LHA

Web Link

Site Verified

By Hardware Supplier							
8	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>	
1	Power Transfer	EPT-10	630 / US32D / Satin Stainless Steel	Von Duprin		<input type="checkbox"/>	
1	Combination Flush Bolt	FB51T	630 / US32D / Satin Stainless Steel	Ives		<input type="checkbox"/>	
1	Latch Retraction Storeroom Lockset	L9692EL-BDC 17B x XL11-515	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>	
1	Overhead Stop	106S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>	
1	Wall Stop	S121 (Inactive Door)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
1	Armour Plate	K10F – 864 x 1150 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
1	Armour Plate	K10F – 864 x 572 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
1	Mop Plate	K10A – 152 x 1150 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
1	Mop Plate	K10A – 152 x 572 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
1	Door Edge Guard	K42F x 2134 x 3M Tape (Size to Suit Door Height)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
2	Frame Guard	K51F x 1220 x 3M Tape (Width to Suit Jamb Profile)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>	
1	Gasketing	W-66 X 8500	Black	KN Crowder		<input type="checkbox"/>	
1	Door Sweep	W-24S-SS x 1220	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>	
1	Door Sweep	W-24S-SS x 610	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>	

1	Astragal	By Lead Lined Door Manufacturer	600 / USP / Primed		
2	Door Contact	DPS-M-BK	Black	Securitron	
1	Power Supply	PS902 x 900-2RS	Black	Von Duprin	
By Automatics Supplier					
1	Auto Operator	SW200i Pull x 1296mm header	689 / US28 / Painted Aluminum	Besam	
2	Touchless Button	CM-331/42-SWSGLR	630 / US32D / Satin Stainless Steel	Camden	
1	Logic Relay	CX-33		Camden	
1	Safety Sensor Kit	10LZRFLATSCAN-SWB	Black	BEA	
1	DOME LIGHT	X-RAY IN USE LIGHT			

## 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 and back boxes with pull cords are to be provided by the electrical contractor.
- Electrician to confirm with auto operator supplier the location and quantity of wires required prior to pulling wires.

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

Heading# 8

Opening Information					
Opening Type:	Sliding	Opening Size:	15'4	STC Rating	None
Door Material:	AL	Frame Material:	AL	Fire Rating	None

1	Total Openings							
1	Door#	G4509	Location:	CT C4508	To	CT Equip G4509	Handing:	RH

Web Link

Site Verified

**\*ALL HARDWARE PROVIDED BY SLIDING ALUMINUM DOOR/SCREEN SYSTEM PROVIDER**

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



Heading#

9

Opening Information						
<b>Opening Type:</b>	<b>Pair</b>	<b>Opening Size:</b>	1-1067/ 1-457 x 2134 x 45		<b>STC Rating</b>	None
<b>Door Material:</b>	HMD-LL	<b>Frame Material:</b>	HMF-LL		<b>Fire Rating</b>	None

1 Total Openings								
1	<b>Door#</b>	G4511	<b>Location:</b>	Ex Corridor G6-17	To	X-RAY G4511	<b>Handing:</b>	RHA

Web Link  
Site Verified

By Hardware Supplier						
8	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Power Transfer	EPT-10	630 / US32D / Satin Stainless Steel	Von Duprin		<input type="checkbox"/>
1	Combination Flush Bolt	FB51T	630 / US32D / Satin Stainless Steel	Ives		<input type="checkbox"/>
1	Latch Retraction Storeroom Lockset	L9092EL-BDC 17B x XL11-51573	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>
1	Overhead Stop	6ADJ-536	689 / US28 / Painted Aluminum	Rixson		<input type="checkbox"/>
1	Closer	74-281-O	689 / US28 / Painted Aluminum	Sargent		<input type="checkbox"/>
1	Wall Stop	S121 (Inactive Door)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate	K10F – 864 x 997 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate	K10F – 864 x 419 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A – 152 x 997 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A – 152 x 419 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Door Edge Guard	K42F x 2134 x 3M Tape (Size to Suit Door Height)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Frame Guard	K51F x 1220 x 3M Tape (Width to Suit Jamb Profile)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Gasketing	W-66 X 8500	Black	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 1067	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

1	Door Sweep	W-24S-SS x 457	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>
1	Astragal	By Lead Lined Door Manufacturer	600 / USP / Primed			<input type="checkbox"/>
2	Door Contact	DPS-M-BK	Black	Securitron		<input type="checkbox"/>
1	Power Supply	PS902 x 900-2RS	Black	Von Duprin		<input type="checkbox"/>
1	DOME LIGHT	X-RAY IN USE LIGHT				

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



Heading#

10

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>	SCWD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

1 Total Openings								
1	<b>Door#</b>	G4512	<b>Location:</b>	Ex Corridor G6-17	To	Control G4512	<b>Handing:</b>	RH

Web Link  
Site Verified

**By Hardware Supplier**

3	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
1	Door Closer	4040XP REG ST-1630	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Drop Plate	4040XP-18TJ	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 927 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 927 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder		<input type="checkbox"/>
1	Auto Door Bottom	CT-51 x 965	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

**By Security Supplier**

1	Card Reader	By Security Supplier to Suit Existing System				<input type="checkbox"/>
1	Door Contact	By Security Supplier				<input type="checkbox"/>
1	Request to Exit	By Security Supplier				<input type="checkbox"/>
1	Power Supply	By Security Supplier				<input type="checkbox"/>
1	Access Controller	By Security Supplier				<input type="checkbox"/>

**By Owner**

1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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End of Heading



Heading# 11

**Opening Information**

<b>Opening Type:</b>	<b>Pair</b>	<b>Opening Size:</b>	1-1067/ 1-457 x 2134 x 45	<b>STC Rating</b>	None
<b>Door Material:</b>	HMD-LL	<b>Frame Material:</b>	HMF-LL	<b>Fire Rating</b>	None

1 Total Openings								
1	<b>Door#</b>	G4513	<b>Location:</b>	Ex Corridor G6-17	To	X-RAY G4513	<b>Handing:</b>	LHA

Web Link  
Site Verified

**By Hardware Supplier**

8	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Power Transfer	EPT-10	630 / US32D / Satin Stainless Steel	Von Duprin		<input type="checkbox"/>
1	Combination Flush Bolt	FB51T	630 / US32D / Satin Stainless Steel	Ives		<input type="checkbox"/>
1	Latch Retraction Storeroom Lockset	L9092EL-BDC 17B x XL11-51573	630 / US32D / Satin Stainless Steel	Schlage		<input type="checkbox"/>
1	Overhead Stop	6ADJ-536	689 / US28 / Painted Aluminum	Rixson		<input type="checkbox"/>
1	Closer	74-281-O	689 / US28 / Painted Aluminum	Sargent		<input type="checkbox"/>
1	Wall Stop	S121 (Inactive Door)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate	K10F – 864 x 997 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Armour Plate	K10F – 864 x 419 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A – 152 x 997 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A – 152 x 419 x 3M Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Door Edge Guard	K42F x 2134 x 3M Tape (Size to Suit Door Height)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
2	Frame Guard	K51F x 1220 x 3M Tape (Width to Suit Jamb Profile)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>

1	Gasketing	W-66 X 8500	Black	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 1067	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 457	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>
1	Astragal	By Lead Lined Door Manufacturer	600 / USP / Primed			<input type="checkbox"/>
2	Door Contact	DPS-M-BK	Black	Securitron		<input type="checkbox"/>
1	Power Supply	PS902 x 900-2RS	Black	Von Duprin		<input type="checkbox"/>
1	DOME LIGHT	X-RAY IN USE LIGHT				<input type="checkbox"/>

-----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>	SCWD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

1 Total Openings								
1	<b>Door#</b>	G4516	<b>Location:</b>	Ex Corridor	To	existing Staff WR G4516	<b>Handing:</b>	LH

Web Link  
Site Verified

**By Hardware Supplier**

3	Heavy Weight Butt Hinge	HT-CB1901 127 x 114	652 / US26D / Satin Chrome	Best		<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Electric Strike	1006CS	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
1	Door Closer	4040XP REG ST-1630	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Drop Plate	4040XP-18TJ	689 / US28 / Painted Aluminum	LCN		<input type="checkbox"/>
1	Overhead Stop	104S	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 927 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 927 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Smoke / Sound Seal	W-66 x 5400	Black	KN Crowder		<input type="checkbox"/>
1	Auto Door Bottom	CT-51 x 965	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

**By Security Supplier**

1	Card Reader	By Security Supplier to Suit Existing System				<input type="checkbox"/>
1	Door Contact	By Security Supplier				<input type="checkbox"/>
1	Request to Exit	By Security Supplier				<input type="checkbox"/>
1	Power Supply	By Security Supplier				<input type="checkbox"/>
1	Access Controller	By Security Supplier				<input type="checkbox"/>
1	Push to Lock Button	By Security Supplier (Disables outside CR)				<input type="checkbox"/>

**By Owner**

1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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.....End of Heading.....



Heading# 13

**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>	SCWD	<b>Frame Material:</b>	HMF	<b>Fire Rating</b>	None

<b>1</b>	<b>Total Openings</b>							
1	<b>Door#</b>	G4518	<b>Location:</b>	Waiting Area Fracture G4517	To	WR G4518	<b>Handing:</b>	DA

Web Link  
Site Verified

**By Hardware Supplier**

1	Double Acting Cont. Hinge	DSH1000 x 2135	628 / US28 / Clear Anodized	Pemko		<input type="checkbox"/>
1	Emergency Release Stop	ERS-M-2135-C-Notch x HT	628 / US28 / Clear Anodized	Pemko		<input type="checkbox"/>
1	Storeroom Lockset	L9080BDC 17B	626 / US26D / Satin Chrome	Schlage		<input type="checkbox"/>
1	Electric Strike	1500C (fail Safe)	630 / US32D / Satin Stainless Steel	HES		<input type="checkbox"/>
1	Overhead Stop	104S (notch both sides of door)	630 / US32D / Satin Stainless Steel	Glynn Johnson		<input type="checkbox"/>
1	Kick Plate	K10A 250 x 852 Tape	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Mop Plate	K10A 150 x 852 Tape (Pull Side)	630 / US32D / Satin Stainless Steel	Standard Metal		<input type="checkbox"/>
1	Door Sweep	W-24S-SS x 965	628 / US28 / Clear Anodized	KN Crowder		<input type="checkbox"/>

**By Automatics Supplier**

1	Auto Operator	SW200i DBL Acting x 1141mm header	689 / US28 / Painted Aluminum	Besam		<input type="checkbox"/>
1	Touchless Restroom Control Kit	CX-WC16	630 / US32D / Satin Stainless Steel	Camden		<input type="checkbox"/>
1	Emergency Call Kit	CX-WEC10K2	630 / US32D / Satin Stainless Steel	Camden		<input type="checkbox"/>

**By Owner**

1	Permanent Cylinder	By SHN Locksmith	626 / US26D / Satin Chrome	Best		<input type="checkbox"/>
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Notes:

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- 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 and back boxes with pull cords are to be provided by the electrical contractor.
  - Electrician to confirm wire locations with auto door operator supplier prior to pulling wires.

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

**END OF SCHEDULE**

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## Hygienic Wall Panel System

Section revised by Addendum No. 1

### PART 1 - GENERAL

#### 1.1 Summary

- .1 Section includes:
  - .1 Hygienic wall panel system (HWS).

#### 1.2 Administrative Requirements

- .1 Coordination:
  - .1 Coordination of work: coordinate layout, penetrations and installation of work of this section with work of other sections.
- .2 Conduct a pre-installation meeting in accordance with Section 01 31 19.

#### 1.3 Submittals

- .1 Submit required submittals in accordance with Section 01 33 00.
- .2 *Product* data:
  - .1 Submit *Product* data sheets for *Products* proposed for use in the work of this section.
- .3 Shop drawings:
  - .1 Submit shop drawings to show layout, treatment at walls, and other objects. Indicated details of proposed treatment where materials meet other materials.
- .4 Samples:
  - .1 Submit sample panels in triplicate on 305 mm x 305 mm (12"x 12") showing each finish and colour.
  - .2 Submit samples of each accessory type product specified.
  - .3 Identify each sample as to project, finish, colour name, number.

#### 1.4 Closeout Submittals

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

#### 1.5 Quality Assurance

- .1 Qualifications:
  - .1 Installers: Shall have 5 years' experience, minimum, in application of *Products*, systems and assemblies specified and with approval and training of *Product* manufacturers.

## Hygienic Wall Panel System

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Section revised by Addendum No. 1

### 1.6 Site Conditions

- .1 Maintain surface and air temperatures between 18°C and 26°C for twenty four (24) hours preceding installation, during installation, and for forty eight (48) hours thereafter.

### 1.7 Warranty

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

## PART 2- PRODUCTS

### 2.1 Performance/Design Requirements

- .1 Flammability:
  - .1 Flame spread rating of less than 25, Smoke developed less than 300, in accordance with CAN/ULC-S102-10.

### 2.2 Hygienic Panel Wall System

- .1 HWS:
  - .2 Description:
    - .1 Hygienic, impact resistant, water-resistant, low VOC, antimicrobial, PVC wall system.
    - .2 Surface: smooth.
    - .3 Antimicrobial: HACCP certified.
    - .4 Impact resistance: in accordance with ASTM D5420-21, exceeds 160 inch lbs.
    - .5 Fungi resistance: zero, in accordance with ASTM G21-15(2021)e1.
    - .6 Mold resistance: 10, in accordance with ASTM D3273-21.
    - .7 UV exposure: in accordance with ASTM G154-23.
    - .8 Colours:
      - .1 WP1: Linen.
      - .2 WP3: White.
      - .3 WP2: Linen. [Added by Addendum No. 1]
    - .9 Acceptable *Products*:
      - .1 Altro 'Whiterock'.
      - .2 Substitutions: in accordance with 01 25 00.
  - .3 Panel fixing method: As recommended by panel manufacturer.
  - .4 Welding rod: as recommended by panel manufacturer.
  - .5 Sealant: as recommended by panel manufacturer.
  - .6 Panel cleaning materials: as recommended by panel manufacturer.

## Hygienic Wall Panel System

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Section revised by Addendum No. 1

### PART 3 - EXECUTION

#### 3.1 Examination

- .1 Verify that specified site conditions exist before commencing the work of this section.
- .2 Examine surfaces to receive wall panel system. Report unsatisfactory conditions immediately to *Consultant*. The work of this section shall not proceed until unsatisfactory conditions have been corrected.
- .3 Substrate surface shall be straight to tolerance of  $\pm 3$  mm ( $\pm 0.12$ " ) over 3000 mm (118").
- .4 Ensure that environmental conditions have been provided as requested and specified.
- .5 Defective *Work* resulting from application to unsatisfactory surfaces will be considered the responsibility of those performing the *Work* of this section.

#### 3.2 Preparation

- .1 Store materials for a minimum of 8 hours before installation on a solid flat surface and preconditioned for approximating the operating environment of the finished room.

#### 3.3 Installation - Adhesive Method Application

- .1 Cut and fit sheet as required. Clean back of panel using safe solvent cleaner. Avoid the use of ketones, acetones or any solvents that may cause damage to panel.
- .2 Apply double sided adhesive tape to top and bottom of sheet.
- .3 Apply adhesive tape to window and door openings where sheet has a tendency to pull away from substrate prior to adhesive cure.
- .4 Prime wall on area directly corresponding to tape position using a non-flammable contact adhesive.
- .5 Apply adhesive to back of sheet using trowel as recommended by panel manufacturer.
- .6 Apply sheet to wall and line up any reference marks before pressing into place.
- .7 Use a white rubber mallet for initial contact with adhesive tape.
- .8 Ensure adequate adhesive transfer by thoroughly rolling entire panel surface using a wall roller.
- .9 Allow 3 mm (1/8") gap at ceiling, door and window frames, pipes, and projections to accommodate panel expansion. Seal gaps with sealant.
- .10 Seal transition strip to flash-coved sheet vinyl with silicone sealant. Allow required gap between top of flash-coved flooring and panels to accommodate expansion.
- .11 Maintain at least 80% coverage of direct transfer of adhesive between panels and wall substrate.

#### 3.4 Installation - Pin Fix Method

- .1 Cut and fit sheet as required.

### **Hygienic Wall Panel System**

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Section revised by Addendum No. 1

- .2 Bevel edges to receive jointing or edge strips.
- .3 Mark out for rivets and pre-drill using a 9 mm (3/8") drill bit.
- .4 Clean back of sheet with safe solvent cleaner and remove protective film from sheet face for inserting the pins.
- .5 Apply anti-static agent for front of sheet to prevent dust/static build-up.
- .6 Apply recommended adhesive to the back of the sheet.
- .7 Position the sheet on the wall, drill through one of the center holes using a 6.5 mm (5/16") masonry bit.
- .8 Place the rivet in the hole and drive home the center pin with a hammer.
- .9 When installing always work from the center of the board outward to the sides.

### **3.5 Sheet to Sheet Jointing**

- .1 Joint strip:
  - .1 Fit joint strip to the panel edge and knock fully over until the division bar rests against the panel edge.
  - .2 Place the edge of the next sheet snugly against the front edge of the "H" section and roll the sheet into the adhesive.
  - .3 Knock the "H" section back towards the second sheet leaving a 3 mm (1/8") gap on both sides of the division bar.
- .2 Silicone joint:
  - .1 Use a manufacturer recommended scraper to remove the burrs from the panel edge.
  - .2 Leave a 3 mm (1/8") gap between sheets.
  - .3 Mask both panel edges leaving the gap exposed.
  - .4 Fill the gap fully with silicone sealant.
  - .5 Smooth the sealant flush to panel surface and remove tape before sealant skins over.
- .3 Heat welding:
  - .1 Apply double-sided adhesive tape flush to panel edges.
  - .2 Remove burrs from panel edges.
  - .3 Place each successive panel allowing for a 1.5 mm (1/16") gap between each panel.
  - .4 Clean both the seam area and the weld rod with safe solvent cleaner - one that will not attach the vinyl or leave a film.
  - .5 Test weld on a scrap piece of panelling before proceeding.
  - .6 Proceed only when temperature and speed have been satisfied.

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### Hygienic Wall Panel System

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Section revised by Addendum No. 1

- .7 The weld may be trimmed flush when semi-cooled using the round part of the trimming spatula.

### 3.6 Jointing Sheet to Coved Vinyl Flooring

- .1 High impact transition strip:
  - .1 The vertical joint strip should finish 9 mm (3/8") short of the bottom sheet.
  - .2 The back of the joint strip must be cut away.
  - .3 The transition strip should then be installed when all the panels have been installed.
  - .4 A bead of clear silicone sealant should then be applied between the flooring material and the bottom edge of the transition strip.
  - .5 Notch the transition strip for the thermoformed internal and external corners.
- .2 Overlapping:
  - .1 Extend the panel down a minimum of 25 mm (1") past the top of the flooring material.
  - .2 Use extra adhesive to fill the gap.
  - .3 Apply a bead of recommended sealant along the bottom edge of the panel.

### 3.7 Field Quality Control

- .1 Manufacturer's field review to be in accordance with Section 01 45 00.

### 3.8 Adjusting and Cleaning

- .1 Remove the protective film from the panels, clean panels with an anti-static solution.
- .2 Wash with water or a diluted neutral soap/detergent solution. Do not use materials containing abrasives or solvents.

### 3.9 Protection

- .1 After materials have set, and until completion, co-ordinate *Work* to ensure that panels are not damaged by traffic or adjacent work.
- .2 At completion of panel installation, install protection in areas where finishing *Work*, repairs and installation of equipment will occur.

**END OF SECTION**

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## Healthcare Equipment

Section revised by Addendum No. 1

### PART 1- GENERAL

#### 1.1 Summary

- .1 Section includes:
  - .1 Healthcare equipment types as follows (supply and installation by *Contractor*):
    - .1 Patient lift and track system; ceiling-mounted.
    - .2 Horizontal service strip (medical service console); surface-mounted.
    - .3 Folding screen.
  - .2 Related sections:
    - .1 Wood blocking - under Section 06 10 53.
    - .2 Metal support systems - under Section 09 22 00.
    - .3 Mechanical – under Divisions 21, 22, and 23.
    - .4 Electrical - under Divisions 26, 27, and 28.

#### 1.2 Administrative Requirements

- .1 Coordination:
  - .1 Coordinate with mechanical, electrical, and other *Subcontractors* for installation and connections.
- .2 Conduct a pre-installation meeting in accordance with Section 01 31 19.

#### 1.3 Submittals

- .1 Submit required submittals in accordance with Section 01 33 00.
- .2 *Product* data sheets:
  - .1 Submit manufacturer's *Product* data sheets for *Products* proposed for use in the work of this section.
  - .2 Submit equipment manufacturer's handling and installation instructions, anchorage information, roughing-in dimensions, service requirements for installation of the work of this section.
- .3 Shop drawings:
  - .1 Submit engineered shop drawings for the following:
    - .1 Patient lift and track systems, and track support framing assemblies, including anchoring and connections for work of this section.
    - .2 Seismic design, connections and restraint.
  - .2 Clearly indicate, materials, finishes, fabrication details, dimensions, thicknesses, plans, elevations, hardware, fastenings, service connections and installation details.

## Healthcare Equipment

Section revised by Addendum No. 1

- .3 Indicate termination/connection points of services.
- .4 Indicate proposed site connections, fasteners and methods.
- .4 Samples:
  - .1 Submit duplicate samples of each finish specified.
- .5 Templates:
  - .1 Submit templates to *Contractor* for use by installers and fabricators as required for proper location and installation of equipment.

### 1.4 Closeout Submittals

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

### 1.5 Quality Assurance

- .1 Qualifications:
  - .1 Installers:
    - .1 Shall have 5 years' experience, minimum, in the application of the *Products*, systems, and assemblies specified and with approval and training of *Product* manufacturers.
  - .2 Manufacturer:
    - .1 Shall have 10 years of continued experience, minimum, having successfully completed other projects of similar or greater magnitude.

### 1.6 Warranty

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

## PART 2 - PRODUCTS

### 2.1 Patient Lift and Track System (Ceiling-Mounted)

- .1 Distributor: Subject to compliance with requirements, provide products by Handicare, a division of Savaria Patient Care. [Added by Addendum No, 1]
  - .1 Contact: John Bragdon, Account Manager, Handicare. 81 Romina Drive, Concord Ontario, L4K 4Z9. Cell: 613-612-8534. Office: 800-661-5112
- ~~.2~~ Basis-of-design:
  - .1 Fixed ceiling lift:
    - .1 Maximum load capacity: 272 kg (600 lb).
    - .2 2286 mm (7.5') foot strap to allow vertical lift movement from floor.

### Healthcare Equipment

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Section revised by Addendum No. 1

- .3 Vertical lift movement:
  - .1 Power operation:
    - .1 Battery powered; rechargeable: 24VDC lift motor.
    - .2 Batteries: Quick charge lithium ion batteries, as recommended by lift manufacturer.
    - .3 Audible low battery indicator and visual battery/charge level display.
    - .4 Auto shut-off when not in use to conserve battery life.
    - .5 Emergency stop and emergency power lowering, with emergency manual raising or lowering.
    - .6 Handset control.
  - .4 Traverse lift movement: manual. [Revised by Addendum No. 1]
    - ~~.1 Power operation:~~
      - ~~.1 Battery powered; rechargeable: 24VDC traverse motor.~~
      - ~~.2 Automatic lift docking function; 'Return to Charge'.~~
    - .5 Battery charger; wall-mounted:
      - .1 Input: 120 VAC, 50-60 Hz.
      - .2 Output: 29.4 VDC, 1 A.
    - .6 Acceptable *Products*:
      - .1 Savaria 'M-Series Essential' with track bridging, distributed by Handicare.
      - .2 Substitutions: in accordance with Section 01 25 00.
- .2 Track system; fixed track: Track system as recommended by patient lift manufacturer.
  - .1 Prefinished extruded aluminum track profile, including extruded aluminum ceiling brackets and white moulded styrene track end caps:
    - .1 Accurately formed, extruded aluminum alloy AA-6063-T6 to ANSI H35.1/H35.1M-2017 minimum, free from defects impairing appearance, strength and durability.
    - .2 Finish: Powder coat finish, white colour.
  - .2 Fastenings and connectors: Types as recommended by ceiling lift manufacturer.
    - .1 Prepainted fasteners, with finish/colour to match prefinished track for exposed locations.
  - .3 Provide track lift gate where indicated.

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### Healthcare Equipment

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Section revised by Addendum No. 1

- .4 Provide framing and suspension system components as recommended by ceiling lift manufacturer, for a complete track system installation, compatible with and to suit finished ceiling assemblies.
- .5 Galvanic/dissimilar metal corrosion inhibitor (isolation coating): in accordance with Section 01 73 00 and written requirements of manufacturers of metals affected.

#### 2.2 Medical Services Console

- .1 Basis of design manufacturer: Interspec.
  - .1 Material and configuration: Refer to drawings.

#### 2.3 Folding Screen

- .1 Wall mounted, folding screen.
- .2 Height: 1.85 m.
- .3 Length: 2.25 m.
- .4 Folded size: 0.25 m x 0.18 m.
- .5 Number of panels: 9.
- .6 Fold configuration: left or right as indicated on drawings.
- .7 Colour: White.
- .8 Acceptable *Products*:
  - .1 Silentia Inc. Model '06309' Folding Screen.
  - .2 Substitutions: in accordance with Section 01 25 00.

### PART 3- EXECUTION

#### 3.1 Installation

- .1 Install equipment in accordance with equipment manufacturer's written requirements and in accordance with reviewed shop drawings.
- .2 Submit manufacturer's information and templates required for installation of work of this section. Assist or supervise, or both, the setting of anchorage devices, and construction of other work incorporated with *Products* specified in work of this section in order that they function as intended.
- .3 Include reinforcing, anchorage and mounting devices required for the installation of each *Product*.
- .4 Verify locations and mounting heights with *Consultant* before roughing-in.
- .5 Electrical *Subcontractor* shall be responsible for final electrical hook-up at service connection locations. Coordinate work of this section with work of Divisions 26, 27, and 28.

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## Healthcare Equipment

Section revised by Addendum No. 1

### 3.2 Installation – Service Console

- .1 Install equipment in accordance with equipment manufacturer's written requirements and in accordance with reviewed shop drawings.
- .2 Submit manufacturer's information and templates required for installation of work of this section. Assist or supervise, or both, the setting of anchorage devices, and construction of other work incorporated with *Products* specified in work of this section in order that they function as intended.
- .3 Include reinforcing, anchorage and mounting devices required for the installation of each *Product*.
- .4 Verify locations and mounting heights with *Consultant* before roughing-in.

### 3.3 Field Quality Control

- .1 Conduct quality control in accordance with Section 01 45 00.
- .2 Manufacturer's field review to be in accordance with Section 01 45 00.

### 3.4 Adjusting and Cleaning

- .1 Upon completion of installation, inspect finishes and materials for damage and faulty installation. Make good or replace damaged finishes and materials as directed by *Consultant* at no cost to *Owner*.
- .2 Verify under work of this section that installed *Products* function properly, and adjust accordingly to ensure satisfactory operation.
- .3 Do not remove protective coatings until final cleaning in accordance with Section 01 78 00, or earlier if directed by *Consultant*.

### 3.5 Closeout Activities

- .1 Testing:
  - .1 Test and commission equipment in accordance with equipment manufacturer's written requirements.
- .2 Demonstration:
  - .1 Before acceptance of system, arrange for demonstration of equipment with authorized representatives of *Owner*, to be performed by competent representative of equipment manufacturer to assure proper function, operation and explanation. Give *Owner's* representative a minimum of 48 hours advance notice in writing of demonstration date.
  - .2 Conduct comprehensive demonstration for *Owner's* staff on operation and care of equipment.

**END OF SECTION**



# SCARBOROUGH HEALTH NETWORK GENERAL HOSPITAL 3050 Lawrence Ave E, Scarborough, ON

## GROUND FLOOR Satellite Imaging Renovation

Project Number: 140023034



**DRAWING LIST:**

**ARCHITECTURAL:**  
A000 PROJECT TITLE PAGE  
A001 NOTES, SYMBOLS AND LEGENDS  
A002 LOCATION PLAN  
A100 LIFE SAFETY PLAN AND CODE MATRIX  
A301 DEMOLITION PLAN  
A401 PARTIAL FLOOR PLAN  
A402 EQUIPMENT PLAN  
~~A403 FF&E RESPONSIBILITIES~~  
A404 EXISTING PARTIAL BASEMENT FLOOR PLAN  
~~A501 PARTIAL GROUND FLOOR CEILING DEMOLITION PLAN~~  
A502 PARTIAL GROUND FLOOR REFLECTED CEILING PLAN  
A503 PARTIAL BASEMENT REFLECTED CEILING PLAN  
A801 DOOR SCHEDULE  
A802 FINISH SCHEDULE, WALL PROTECTION, PHASING  
A901 CASEWORK / MILLWORK SECTIONS, ELEVATIONS, HHS & WASHROOM ELEVATIONS  
A902 WINDOW INFILL/REPLACEMENT DETAILS

**STRUCTURAL**  
S100 SPECIFICATIONS AND GENERAL NOTES  
S200 PART EXISTING GROUND FLOOR FRAMING PLAN  
S201 PART EXISTING FIRST FLOOR FRAMING PLAN  
S300 SECTIONS  
SD201 PART EXISTING FIRST FLOOR DEMOLITION PLAN

**MECHANICAL**  
M000 MECHANICAL LEGENDS & DRAWING LIST  
M111 GROUND LEVEL - VENTILATION DEMO  
M121 GROUND LEVEL - PLUMBING DEMO  
M122 BASEMENT LEVEL - PLUMBING DRAINAGE DEMO  
M131 GROUND LEVEL - FIRE PROTECTION DEMO  
M141 GROUND LEVEL - HVAC PIPING DEMO  
M151 GROUND LEVEL - MEDICAL GAS DEMO  
M211 GROUND LEVEL - VENTILATION  
M221 BASEMENT LEVEL - PLUMBING DRAINAGE  
M222 GROUND LEVEL - PLUMBING DRAINAGE  
M223 GROUND LEVEL - PLUMBING WATER  
M231 GROUND LEVEL - FIRE PROTECTION  
M241 BASEMENT LEVEL - HVAC PIPING  
M242 GROUND LEVEL - HVAC PIPING  
M251 GROUND LEVEL - MEDICAL GAS  
M401 MECHANICAL DETAILS  
M402 MECHANICAL DETAILS  
M403 MECHANICAL DETAILS  
M500 MECHANICAL SCHEDULES

**ELECTRICAL**  
E001 ELECTRICAL LEGEND AND DRAWING LIST  
E002 KEY PLAN  
E100 POWER & SYSTEMS PLAN - DEMOLITION  
E101 LIGHTING PLAN - DEMOLITION  
E200 POWER & SYSTEMS PLAN - FITOUT  
E201 LIGHTING PLAN - FITOUT  
E202 ENLARGED ELECTRICAL ROOM  
E301 SINGLE LINE DIAGRAM  
E302 LUMINARE SCHEDULE  
E303 PANEL SCHEDULES  
E304 CT WIRING DETAILS  
E305 CT WIRING DETAIL  
E306 X-RAY WIRING DETAILS



ARCHITECTS



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

CONSULTANTS

**MECHANICAL**

STANTEC CONSULTING LTD.  
100-401 WELLINGTON STREET WEST  
TORONTO ON M5V 1E7  
Tel. 416-596-6666  
www.stantec.com

**ELECTRICAL**

STANTEC CONSULTING LTD.  
100-401 WELLINGTON STREET WEST  
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www.stantec.com

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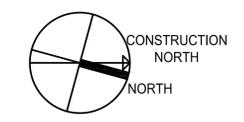
2025-05-02



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Keyplan

North Arrow



Revision	Issued For	By	Appd.	Date
1	ISSUED FOR ADDENDUM 1	NA	BDM	25.05.02
2	ISSUED FOR TENDER & PERMIT	BDM	BDM	25.04.07
1	ISSUED FOR COSTING	BDM	BDM	25.01.06
1	ISSUED	By	Appd.	YY.MM.DD

Permit-Seal

Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

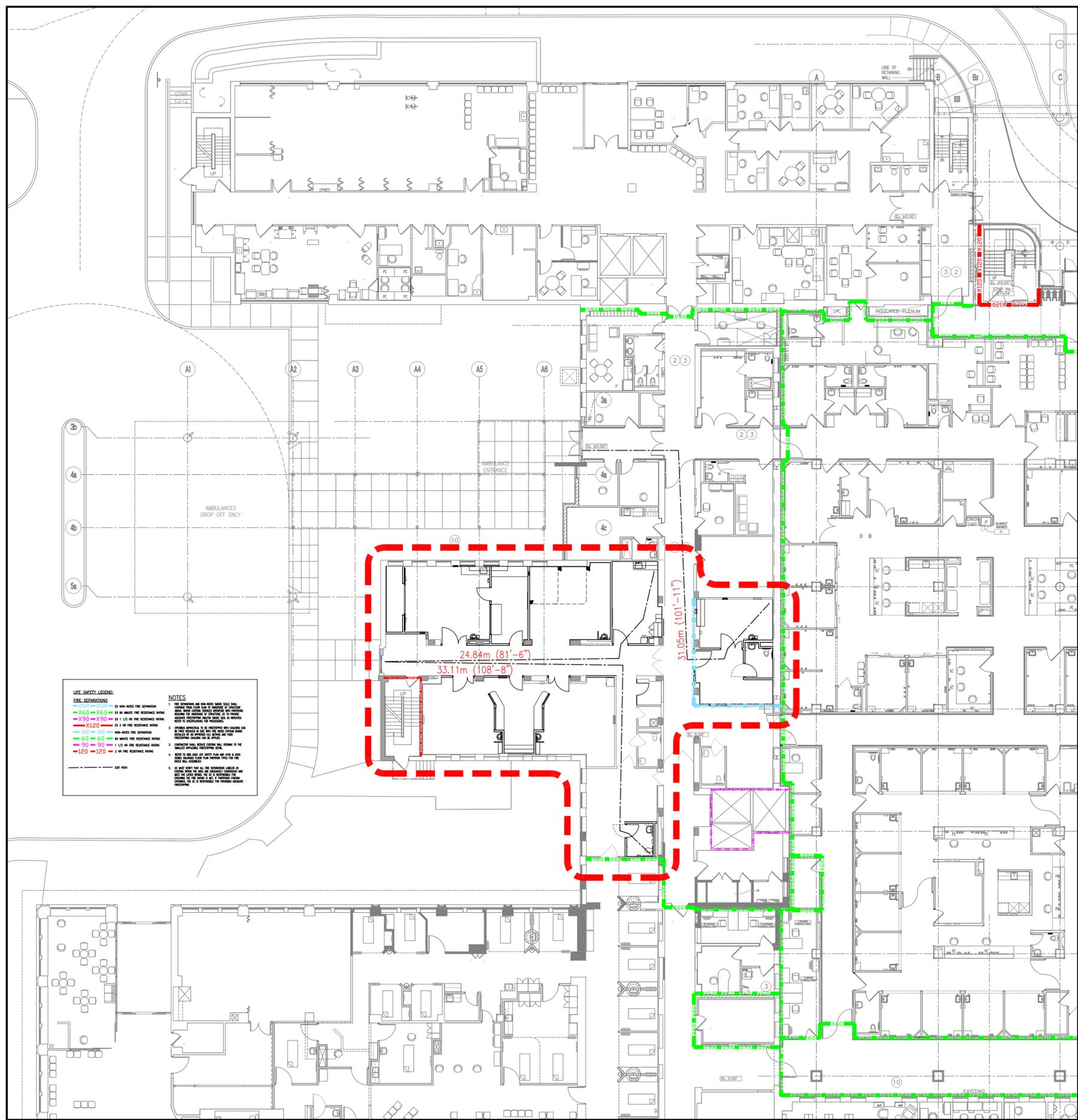
Title  
**PARTIAL GROUND FLOOR PLAN  
LIFE SAFETY PLAN**

Project No. 140023034 Scale

Drawing No. Sheet of Revision

A100 of 0

2024 ONTARIO BUILDING CODE DATA MATRIX				Issue: 2025-01-01
PART 11 - RENOVATION				CBC REFERENCE <sup>1)</sup>
Name of Practice: Stantec Architecture Ltd.				
Address 1: 200-835 Paramount Drive Stoney Creek ON L8J 0B4				
Address 2:				
Contact: Brian Mooler - OAA MRAC				
Name of Project: Scarborough Health Network - Scarborough General Hospital				
Location/Address: 3050 Lawrence Ave E, Scarborough, ON M1P 2V5				
Date: 7-Apr-25 Seal & Signature				
11.00 BUILDING CODE VERSION	O.Reg. 163/24	LAST CODE AMENDMENT	O.Reg. 447/24	
11.01 PROJECT TYPE	Renovation			(A) 1.3.3.3.B
Renovations to upgrade the satellite diagnostic imaging suite				
11.02 MAJOR OCCUPANCY CLASSIFICATION	OCCUPANCY	USE		1.1.2.1.(1), 11.2.1, and 2.14.1.(1)
	B2	Care and Treatment Occupancies	Acute Care Hospital	
11.03 SUPERIMPOSED MAJOR OCCUPANCIES	NO			11.2.2.1, and 3.2.2.5 to 3.2.2.8
11.04 BUILDING AREA (m <sup>2</sup> )	DESCRIPTION	EXISTING	NEW	TOTAL (A) 1.4.1.2, 11.2, and 11.3.
	Building Area		0.00	
	Area of Renovation		445m <sup>2</sup>	
	TOTAL			
11.05 BUILDING HEIGHT	11 STOREYS ABOVE GRADE	38	(m) ABOVE GRADE	(A) 1.4.1.2, 3.2.2.2, 3.2.1.1, and 11.3.
	1 STOREYS BELOW GRADE			
11.06 NUMBER OF STREETS FIRE FIGHTER ACCESS	3 STREETS(S)			3.2.2.10, 3.2.5, 2.24.1, and 11.3.
11.07 BUILDING SIZE	LARGE			11.2.1.1, and 11.15.2.1.1.B.4
11.08 EXISTING BUILDING CLASSIFICATION	CHANGE IN MAJOR OCCUPANCY	NO		10.1.1.2, and 11.2.1.1.
	CONSTRUCTION INDEX	7		T.11.2.1.1.A.
	HAZARD INDEX	7		T.11.2.1.1.B.N
	IMPORTANCE CATEGORY	Post-Disaster		4.1.2.1.(3), 2.3.1, and 5.2.2.1.(2)
11.09 RENOVATION TYPE				11.3.3.1, and 11.3.3.2.
11.10 OCCUPANT LOAD	FLOOR LEVEL/AREA	OCCUPANCY TYPE	BASED ON	OCCUPANT LOAD (PERSONS)
		No Change		3.1.17, 2.1.2.2, and 11.4.2.2.
	TOTAL			
11.11 PLUMBING FIXTURE REQUIREMENTS	RATIO:	MALE:FEMALE = 50:50 EXCEPT AS NOTED OTHERWISE		3.7.4, 11.3.4, 11.3.5, 11.4.2.4, and 11.4.2.5.
	FLOOR LEVEL/AREA	OCCUPANT LOAD	IBC REFERENCE	WCs REQUIRED
	Ground Floor	No Change		WCs PROVIDED
11.11 PLUMBING FIXTURE REQUIREMENTS continued	FLOOR LEVEL/AREA (repeated)	BARRIER-FREE WCs REQUIRED	BARRIER-FREE WCs PROVIDED	UNIVERSAL WASHROOMS REQUIRED
				UNIVERSAL WASHROOMS PROVIDED
				Tables 3.8.2.3.A, and 3.8.2.3.B
11.12 BARRIER-FREE DESIGN	Yes			11.3.1.2, 11.3.2, and 11.3.3.2.
BARRIER-FREE ENTRANCES	3	3	Closest building entrances are all barrier free	
11.13 REDUCTION IN PERFORMANCE LEVEL	STRUCTURAL	NO		11.4.2.1.
	INCREASE IN OCCUPANT LOAD	NO		11.4.2.2.
	No change in use.			
	CHANGE OF MAJOR OCCUPANCY	NO		11.4.2.3.
	PLUMBING	NO		11.4.2.4.
	[Provide a brief description here or hide this row if not needed.]			
	SEWAGE SYSTEMS	NO		11.4.2.5.
	EXTENSION OF BUILDINGS OF COMBUSTIBLE CONSTRUCTION	NO		11.4.2.6.
11.14 COMPENSATING CONSTRUCTION COMPENSATING CONSTRUCTION PROVIDED	STRUCTURAL	NO		11.4.3.1.
	INCREASE IN OCCUPANT LOAD	NO		11.4.3.2.
	CHANGE OF MAJOR OCCUPANCY	NO		11.4.3.3.
	PLUMBING	NO		11.4.3.4.
	[Provide a brief description here or hide this row if not needed.]			
	SEWAGE SYSTEMS	N/A		11.4.3.5.
	EXTENSION OF BUILDINGS OF COMBUSTIBLE CONSTRUCTION	NO		11.4.3.6.
				11.4.3.7.
11.15 COMPLIANCE ALTERNATIVES PROPOSED	NO			11.5.1.
11.16 ALTERNATIVE SOLUTIONS				(A) 1.2.1.1, and (3) 1.
11.17 NOTES				
1	ALL REFERENCES ARE TO DIVISION B OF THE CBC UNLESS PRECEDED BY (A) FOR DIVISION A AND (3) FOR DIVISION C			



**LIFE SAFETY LEGEND:**

**FIRE SEPARATIONS**

- 0.9X = 0.9X
- 1.2X = 1.2X
- 2.0X = 2.0X

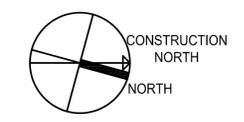
**NOTES**

- ALL SEPARATIONS ARE NON-RATED UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL SEPARATIONS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CBC.
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Keyplan

North Arrow



1	ISSUED FOR ADDENDUM 1	NA	BDM	25.05.02
Revision		By	Appd.	YY.MM.DD

2	ISSUED FOR TENDER & PERMIT	BDM	BDM	25.04.07
1	ISSUED FOR COSTING	BDM	BDM	25.01.06
Issued		By	Appd.	YY.MM.DD

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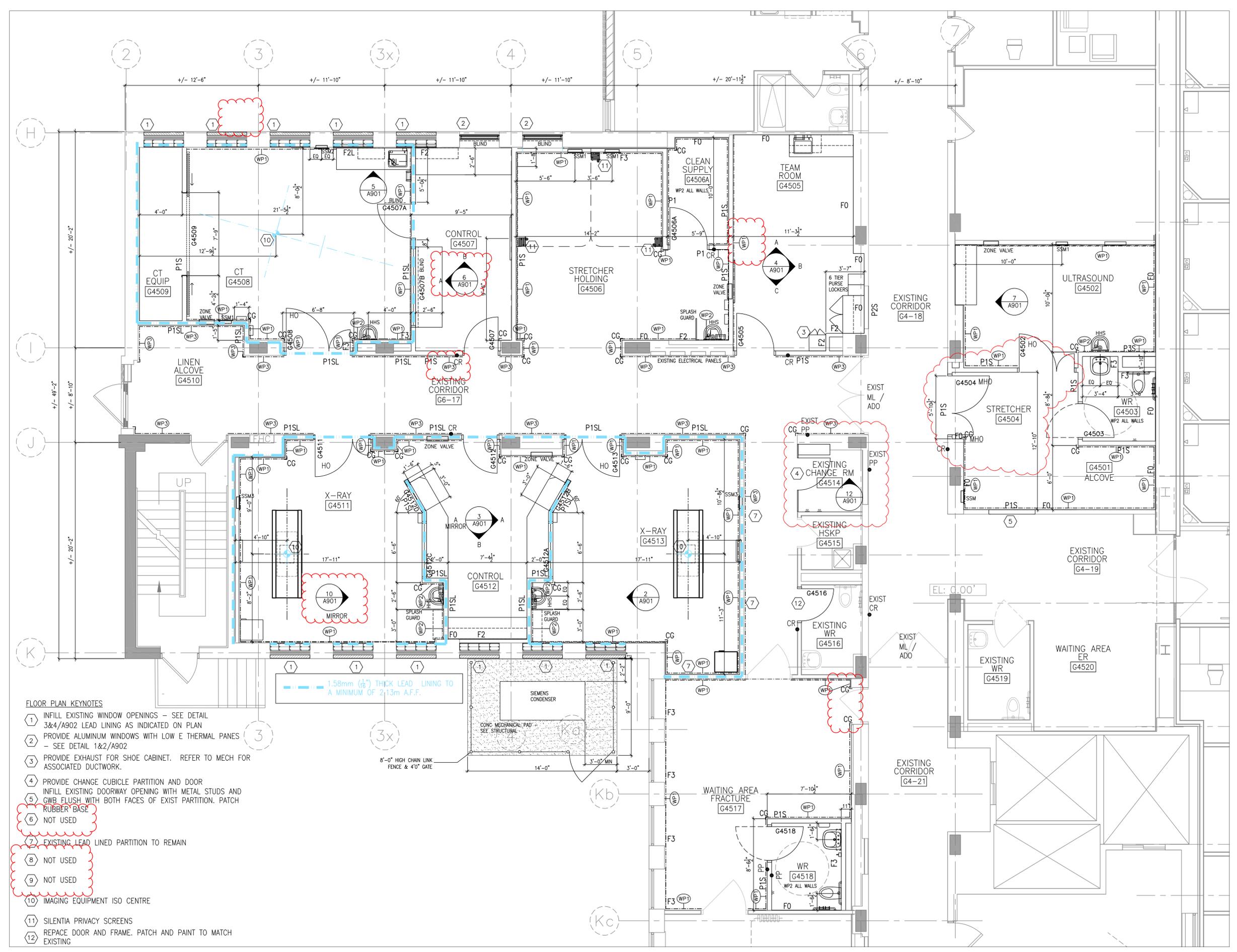
Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

Title  
**PARTIAL GROUND FLOOR PLAN**

Project No.	Scale
140023034	1/4"=1'-0"

Drawing No.	Sheet	Revision
A401		



- FLOOR PLAN KEYNOTES**
- 1 INFILL EXISTING WINDOW OPENINGS - SEE DETAIL 3&4/A902 LEAD LINING AS INDICATED ON PLAN
  - 2 PROVIDE ALUMINUM WINDOWS WITH LOW E THERMAL PANES - SEE DETAIL 1&2/A902
  - 3 PROVIDE EXHAUST FOR SHOE CABINET. REFER TO MECH FOR ASSOCIATED DUCTWORK.
  - 4 PROVIDE CHANGE CUBICLE PARTITION AND DOOR INFILL EXISTING DOORWAY OPENING WITH METAL STUDS AND CWB FLUSH WITH BOTH FACES OF EXIST PARTITION. PATCH RUBBER BASE
  - 5 NOT USED
  - 6 NOT USED
  - 7 EXISTING LEAD LINED PARTITION TO REMAIN
  - 8 NOT USED
  - 9 NOT USED
  - 10 IMAGING EQUIPMENT ISO CENTRE
  - 11 SILENTIA PRIVACY SCREENS
  - 12 REPLACE DOOR AND FRAME. PATCH AND PAINT TO MATCH EXISTING

1.58mm (1/16") THICK LEAD LINING TO A MINIMUM OF 2.13m A.F.F.

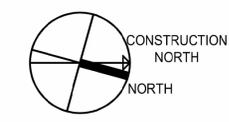
I:\2024-2025\Projects\140023034\140023034\_01\_sheets\GEN - Ground Floor Plate\_2025-02-19.dwg  
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Consultants

Keyplan

North Arrow



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Client/Project  
**SCARBOROUGH HEALTH NETWORK  
 GENERAL HOSPITAL**  
**SATELLITE IMAGING RENOVATION**

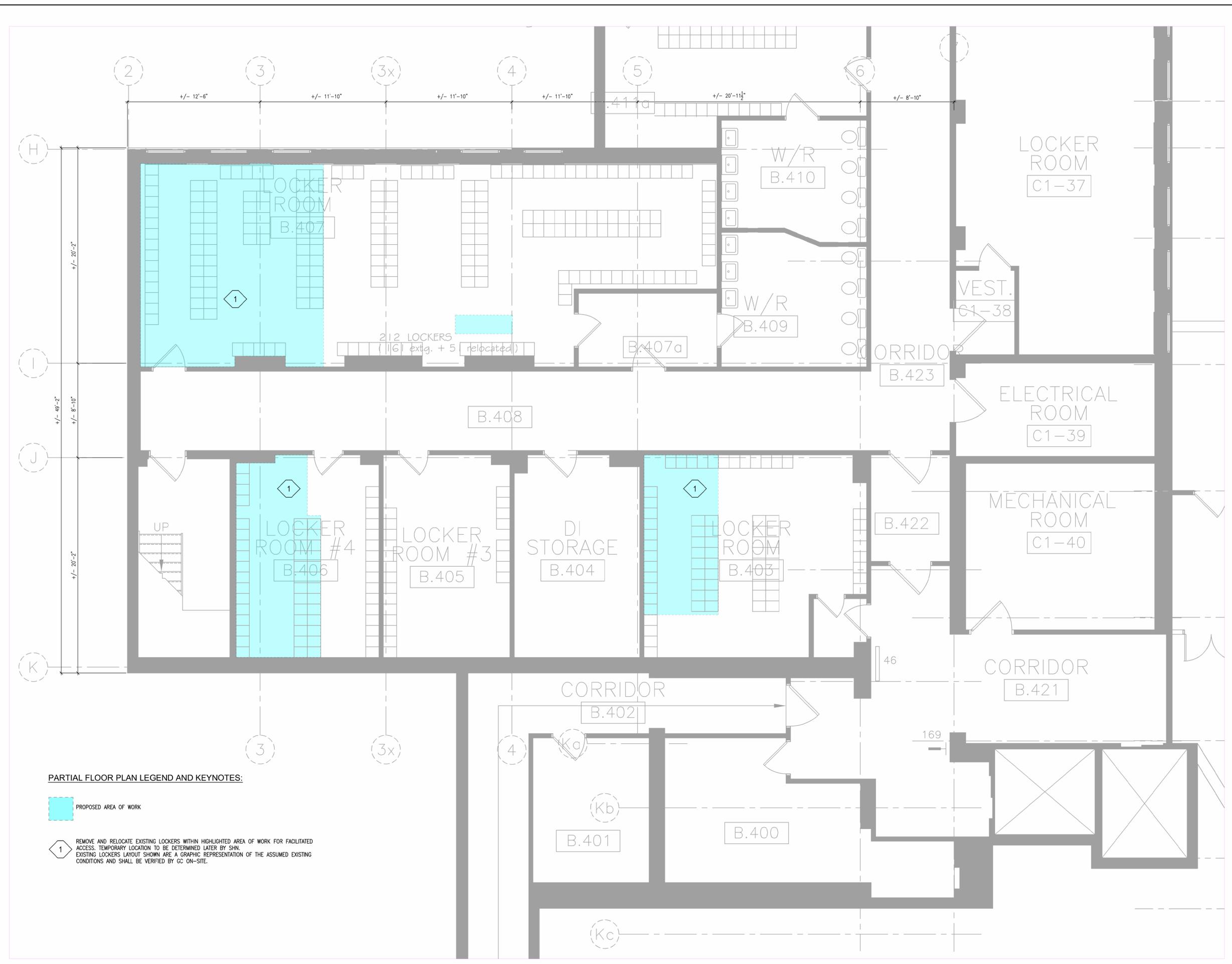
3050 Lawrence Ave East, Scarborough, Ontario

Title  
**EXISTING PARTIAL  
 BASEMENT FLOOR PLAN**

Project No. 140023034 Scale 1/4"=1'-0"

Drawing No. \_\_\_\_\_ Sheet \_\_\_\_\_ of \_\_\_\_\_ Revision \_\_\_\_\_

**A404** of **0**



**PARTIAL FLOOR PLAN LEGEND AND KEYNOTES:**

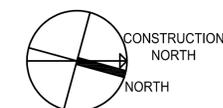
- PROPOSED AREA OF WORK
- REMOVE AND RELOCATE EXISTING LOCKERS WITHIN HIGHLIGHTED AREA OF WORK FOR FACILITATED ACCESS. TEMPORARY LOCATION TO BE DETERMINED LATER BY SHN. EXISTING LOCKERS LAYOUT SHOWN ARE A GRAPHIC REPRESENTATION OF THE ASSUMED EXISTING CONDITIONS AND SHALL BE VERIFIED BY GC ON-SITE.

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North Arrow



Revision	By	Appd.	Date
1	NA	BDM	25.05.02
2	BDM	BDM	25.04.07
1	BDM	BDM	25.01.06

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 File Name: \_\_\_\_\_  
 Dwn. Chkd. Dsgn. YY.MM.DD

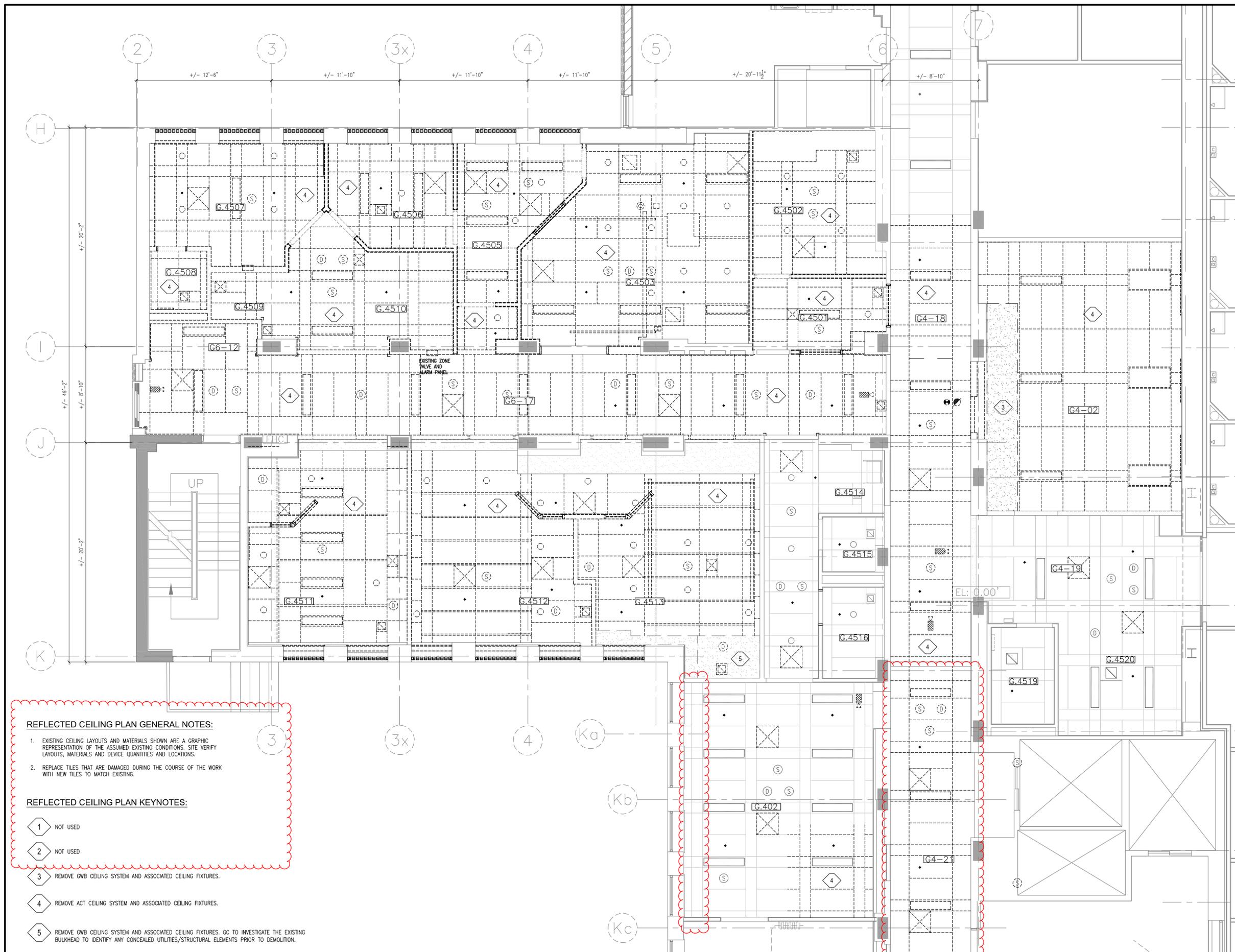
Permit-Seal

Client/Project  
**SCARBOROUGH HEALTH NETWORK  
 GENERAL HOSPITAL**  
**SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

Title  
**REFLECTED CEILING PLAN  
 DEMOLITION**

Project No. 140023034	Scale 1/4"=1'-0"
Drawing No. A501	Sheet of
Revision 0	



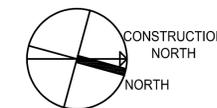
- REFLECTED CEILING PLAN GENERAL NOTES:**
- EXISTING CEILING LAYOUTS AND MATERIALS SHOWN ARE A GRAPHIC REPRESENTATION OF THE ASSUMED EXISTING CONDITIONS. SITE VERIFY LAYOUTS, MATERIALS AND DEVICE QUANTITIES AND LOCATIONS.
  - REPLACE TILES THAT ARE DAMAGED DURING THE COURSE OF THE WORK WITH NEW TILES TO MATCH EXISTING.
- REFLECTED CEILING PLAN KEYNOTES:**
- NOT USED
  - NOT USED
  - REMOVE GWB CEILING SYSTEM AND ASSOCIATED CEILING FIXTURES.
  - REMOVE ACT CEILING SYSTEM AND ASSOCIATED CEILING FIXTURES.
  - REMOVE GWB CEILING SYSTEM AND ASSOCIATED CEILING FIXTURES. GC TO INVESTIGATE THE EXISTING BULKHEAD TO IDENTIFY ANY CONCEALED UTILITIES/STRUCTURAL ELEMENTS PRIOR TO DEMOLITION.

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Keyplan

North Arrow



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Revision		By	Appd.	YY.MM.DD	
2	ISSUED FOR TENDER & PERMIT	BDM	BDM	25.04.07	
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File Name:		Dwn.	Chkd.	Dsgn.	YY.MM.DD

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Client/Project  
**SCARBOROUGH HEALTH NETWORK  
 GENERAL HOSPITAL**  
**SATELLITE IMAGING RENOVATION**

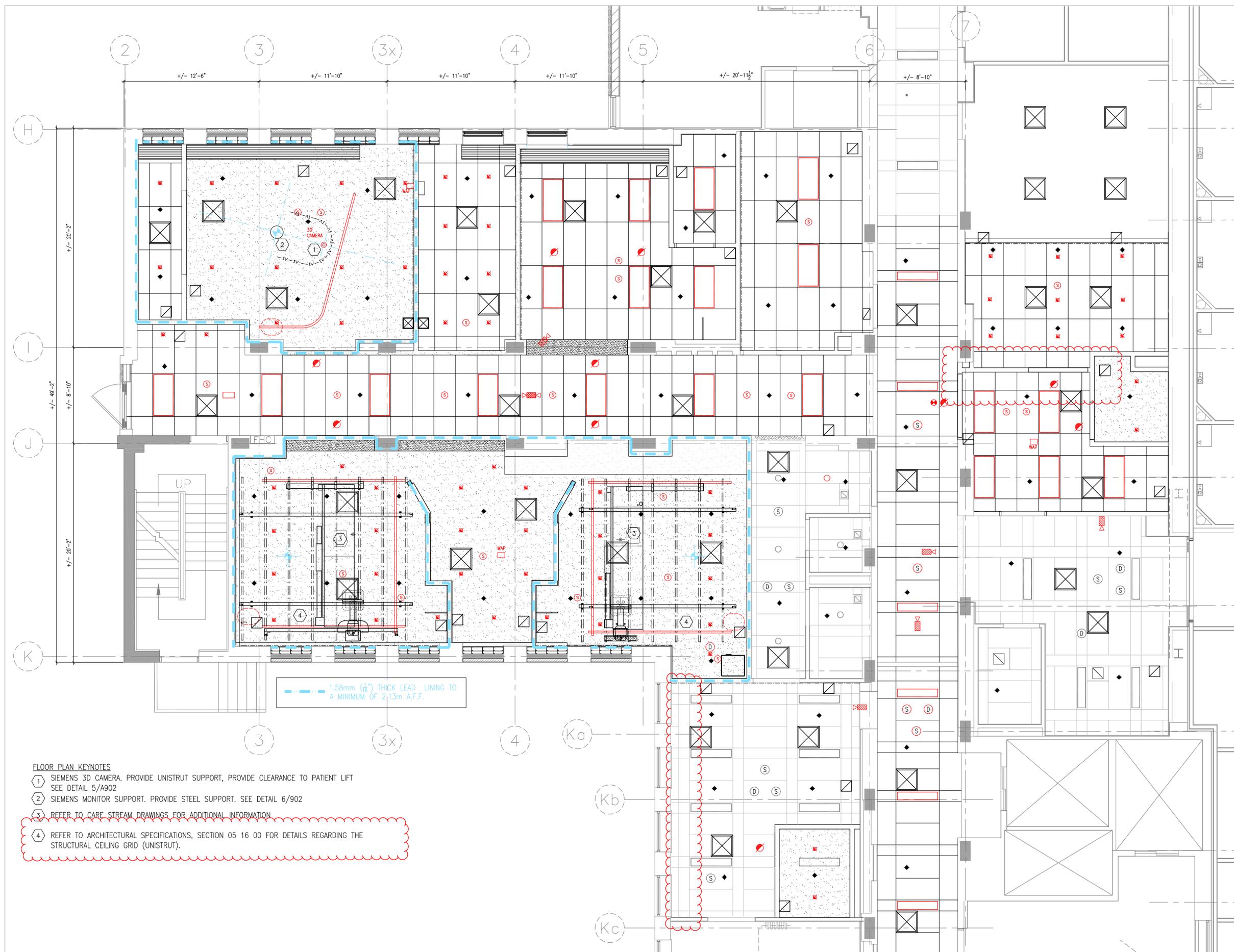
3050 Lawrence Ave East, Scarborough, Ontario

Title  
**REFLECTED CEILING PLAN**

Project No. 140023034 Scale 1/4"=1'-0"

Drawing No. Sheet of Revision

A502 of 0



FLOOR PLAN KEYNOTES

- ① SIEMENS 3D CAMERA. PROVIDE UNISTRUT SUPPORT, PROVIDE CLEARANCE TO PATIENT LIFT SEE DETAIL 5/A902
- ② SIEMENS MONITOR SUPPORT. PROVIDE STEEL SUPPORT. SEE DETAIL 6/902
- ③ REFER TO CARE STREAM DRAWINGS FOR ADDITIONAL INFORMATION
- ④ REFER TO ARCHITECTURAL SPECIFICATIONS, SECTION 05 16 00 FOR DETAILS REGARDING THE STRUCTURAL CEILING GRID (UNISTRUT).

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 2025/05/02 2:17 PM By: E. Ardy, Neda

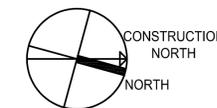
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Consultants

Keyplan

North Arrow



Revision	By	Appd.	Y.M.DD
1	ISSUED FOR ADDENDUM 1	NA	BDM 25.05.02
2	ISSUED FOR TENDER & PERMIT	BDM	BDM 25.04.07
1	ISSUED FOR COSTING	BDM	BDM 25.01.06

Issued: By Appd. Y.M.M.DD  
 File Name: Dwn. Chkd. Dsgn. Y.M.M.DD

Permit-Seal

Client/Project  
**SCARBOROUGH HEALTH NETWORK  
 GENERAL HOSPITAL**  
**SATELLITE IMAGING RENOVATION**

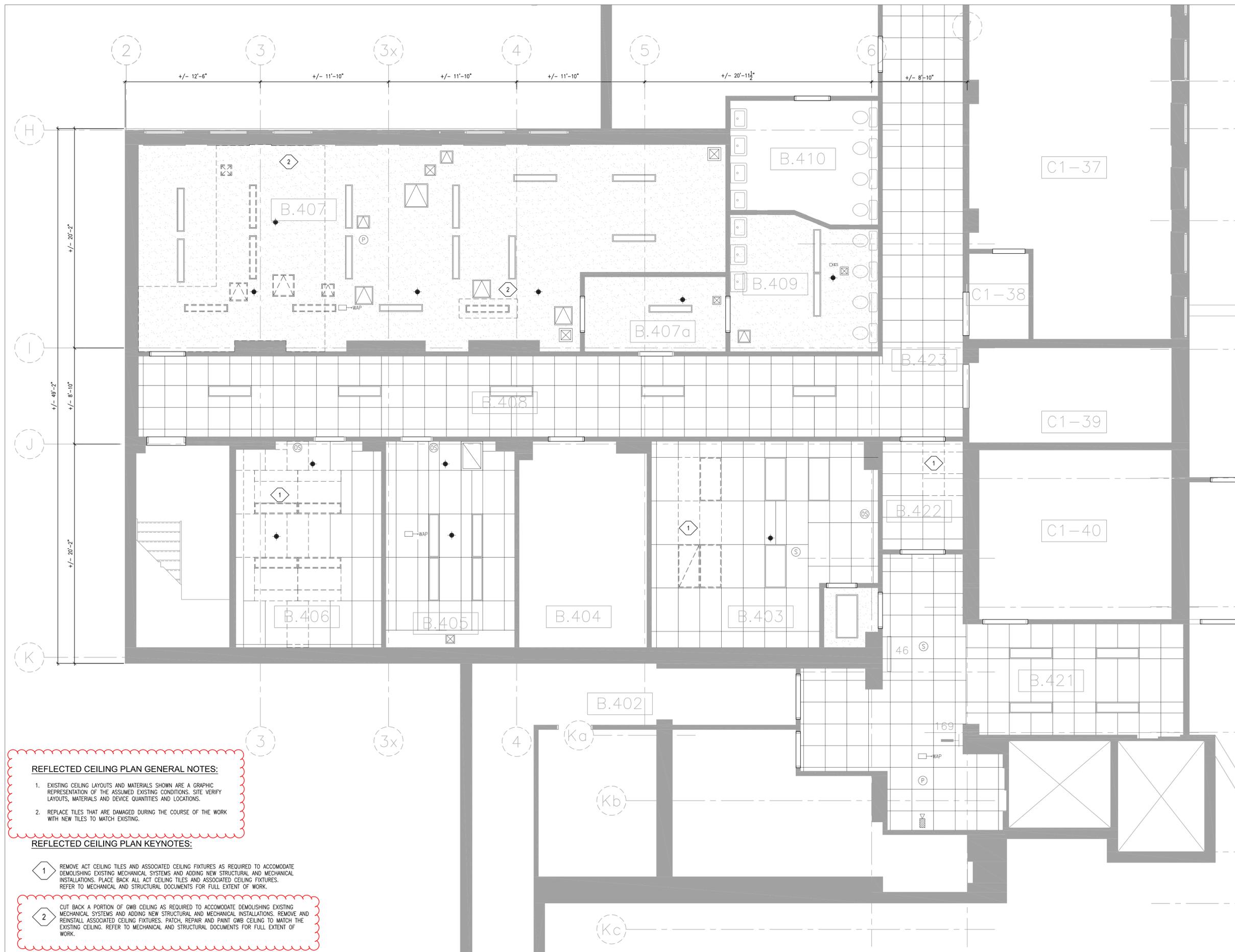
3050 Lawrence Ave East, Scarborough, Ontario

Title  
**PATRIAL BASEMENT  
 REFLECTED CEILING PLAN**

Project No. 140023034 Scale 1/4"=1'-0"

Drawing No. Sheet Revision

A503 of 0



**REFLECTED CEILING PLAN GENERAL NOTES:**

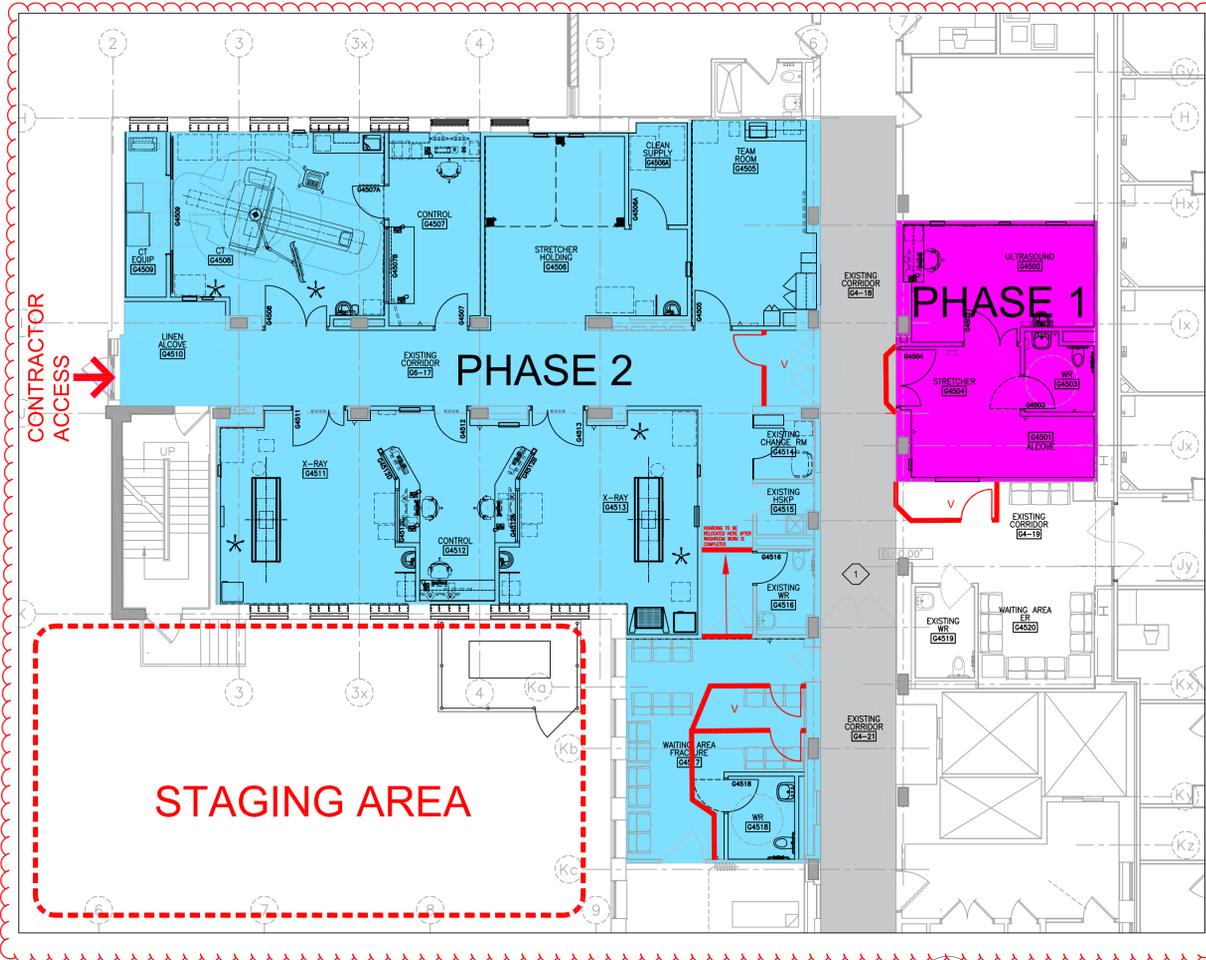
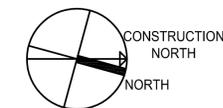
- EXISTING CEILING LAYOUTS AND MATERIALS SHOWN ARE A GRAPHIC REPRESENTATION OF THE ASSUMED EXISTING CONDITIONS. SITE VERIFY LAYOUTS, MATERIALS AND DEVICE QUANTITIES AND LOCATIONS.
- REPLACE TILES THAT ARE DAMAGED DURING THE COURSE OF THE WORK WITH NEW TILES TO MATCH EXISTING.

**REFLECTED CEILING PLAN KEYNOTES:**

- REMOVE ACT CEILING TILES AND ASSOCIATED CEILING FIXTURES AS REQUIRED TO ACCOMMODATE DEMOLISHING EXISTING MECHANICAL SYSTEMS AND ADDING NEW STRUCTURAL AND MECHANICAL INSTALLATIONS. PLACE BACK ALL ACT CEILING TILES AND ASSOCIATED CEILING FIXTURES. REFER TO MECHANICAL AND STRUCTURAL DOCUMENTS FOR FULL EXTENT OF WORK.
- CUT BACK A PORTION OF GWB CEILING AS REQUIRED TO ACCOMMODATE DEMOLISHING EXISTING MECHANICAL SYSTEMS AND ADDING NEW STRUCTURAL AND MECHANICAL INSTALLATIONS. REMOVE AND REINSTALL ASSOCIATED CEILING FIXTURES. PATCH, REPAIR AND PAINT GWB CEILING TO MATCH THE EXISTING CEILING. REFER TO MECHANICAL AND STRUCTURAL DOCUMENTS FOR FULL EXTENT OF WORK.

\\s0224-pff501\shared\_projects\140023034\1\_working\_files\04\_architecture\01\_cad\01\_sheets\GEN- Ground Floor Plate\_2025-02-19.dwg  
 2025/05/02 2:20 PM By: E. Ardy, Neda  
 ORIGINAL SHEET - Arch D





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

ROOM NUMBER	ROOM NAME	FLOOR MATL.	BASE MATL.	WALL1 FINISH	NORTH COLOUR	WALL2 FINISH	EAST COLOUR	WALL3 FINISH	SOUTH COLOUR	WALL4 FINISH	WEST COLOUR	CEILING MATL.	CEILING FINISH	HEIGHT	REMARKS
G4-18	EXISTING CORRIDOR	EXST	EXST	PT	-	-	-	PT	-	-	-	EXIST	-	-	PAINT FULL EXTENT OF CORRIDOR
G4-19	EXISTING CORRIDOR	EXST	EXST/RFS	-	-	-	-	-	-	PT	-	EXIST	-	-	
G6-17	EXISTING CORRIDOR	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4501	ALCOVE	RFS	RFS	WP	WP	WP	WP	WP	WP	WP	WP	ACT	-	8'-0"	
G4502	ULTRASOUND	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4503	WR	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	GWB	PT	8'-0"	
G4504	STRETCHER	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4505	TEAM ROOM	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4506	STRETCHER HOLDING	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4507	CONTROL	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	9'-0"	
G4508	CT	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	9'-0"	
G4509	CT EQUIPMENT	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	9'-0"	
G4510	LINEN ALCOVE	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4511	X-RAY	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	9'-6"	
G4512	CONTROL	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	9'-6"	
G4513	X-RAY	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	9'-6"	
G4517	WAITING AREA	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	ACT	-	8'-0"	
G4518	WR	RFS	RFS	PT	PT	PT	PT	PT	PT	PT	PT	GWB	PT	8'-0"	

3 ROOM FINISH SCHEDULE  
A802 NTS

**PHASING DRAWING GENERAL NOTES AND KEYNOTES**

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

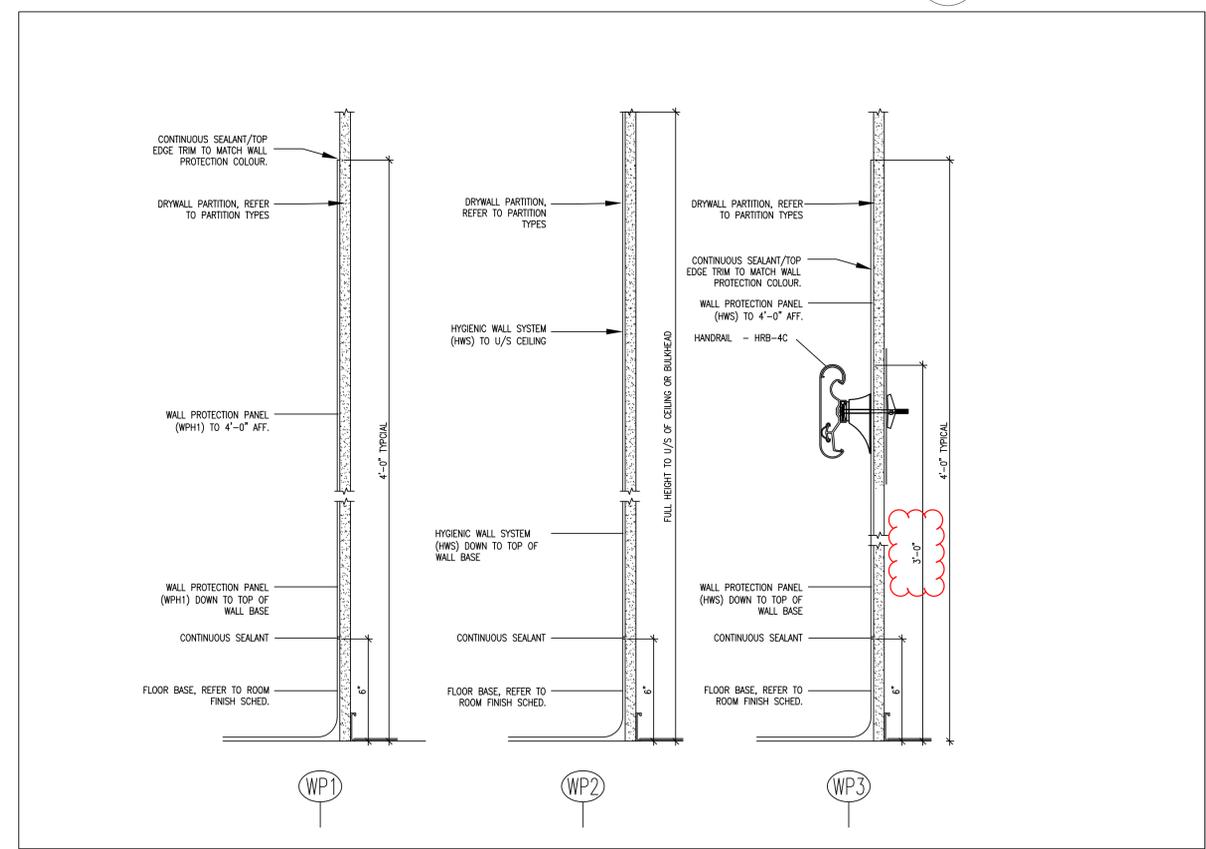
1 A MINIMUM OF 4' CLEARANCE NEEDS TO BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

**ROOM FINISH SCHEDULE GENERAL NOTES**

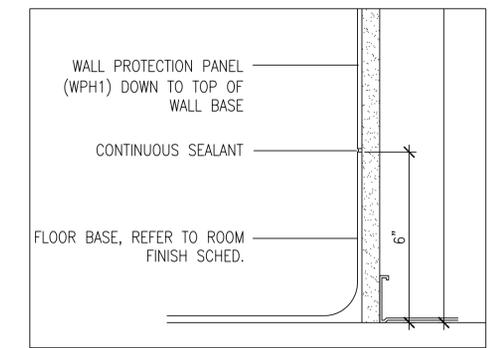
- SCHEDULES TO BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS.
- PROVIDE GYPSUM BOARD BULKHEADS ON METAL FURRING WHERE SHOWN ON DRAWINGS AND AT ALL CHANGES IN CEILING HEIGHT.
- ALL BASES IN CABINET WORK TO BE FINISHED IN BASE MATERIAL USED FOR SURROUNDING FLOOR.
- FREE-STANDING COLUMNS FINISHED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

**ABBREVIATIONS:**

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



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



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

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2025/05/02 2:22 PM By: E. Ardy, Noda

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Revision		By	Appd.	YY.MM.DD

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

Permit-Sal

Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

Title  
**FINISH SCHEDULE  
WALL PROTECTION  
PHASING**

Project No. 140023034 Scale

Drawing No. A802 Sheet of Revision

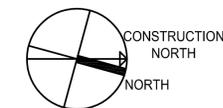
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Keyplan

North Arrow



Revision	By	Appd.	Date
1	NA	BDM	25.05.02
2	BDM	BDM	25.04.07
3	BDM	BDM	25.01.06
4	By	Appd.	YY.MM.DD

File Name: \_\_\_\_\_  
Dwn. Chkd. Dsgn. YY.MM.DD

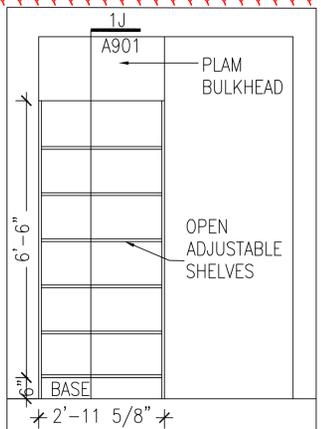
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Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

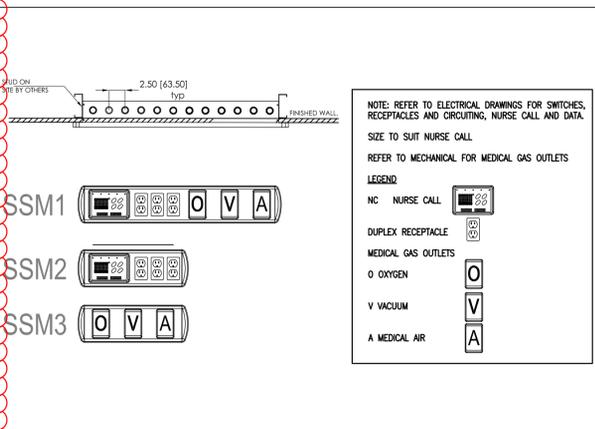
3050 Lawrence Ave East, Scarborough, Ontario

Title  
**CASEWORK / MILLWORK SECTIONS,  
ELEVATIONS, HHS AND WASHROOM  
ELEVATIONS**

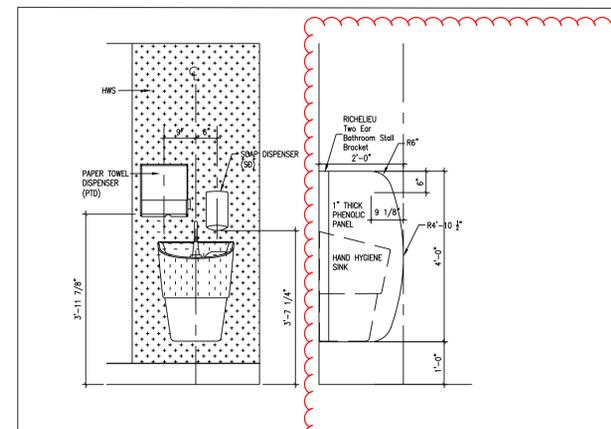
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140023034	
Drawing No.	Sheet
A901	
Revision	



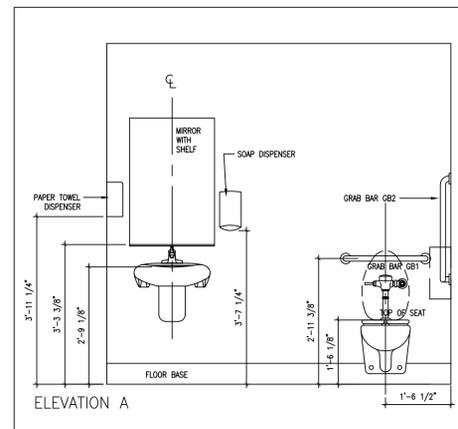
12 GOWN STORAGE  
A901 SCALE: 1/2"=1'-0"



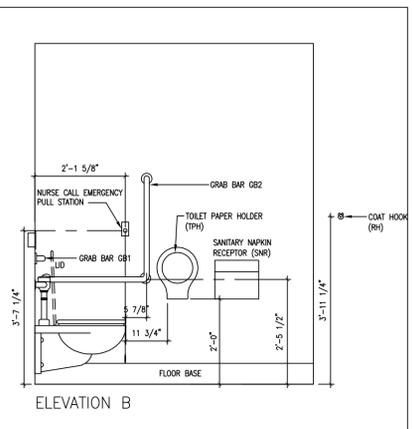
11 SERVICE STRIP MODULES  
A901 SCALE: NTS



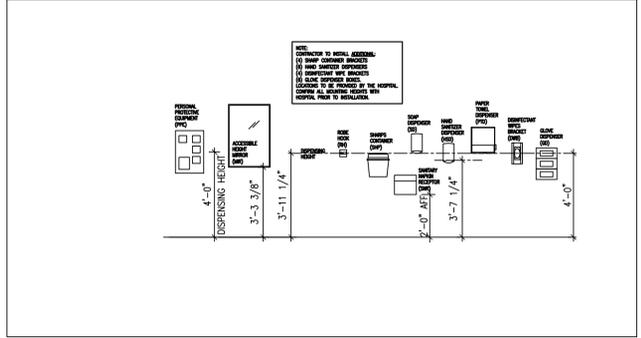
10 TYPICAL HAND HYGENE STATION (HHS) AND SPLASH GUARD  
A901 SCALE: 1/2"=1'-0"



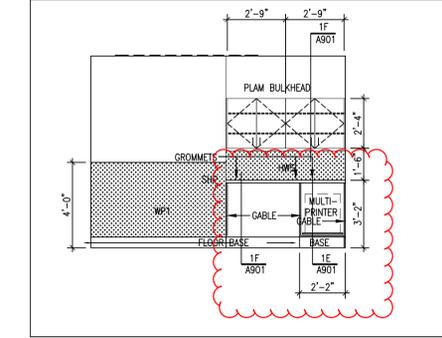
9 BARRIER FREE WASHROOM  
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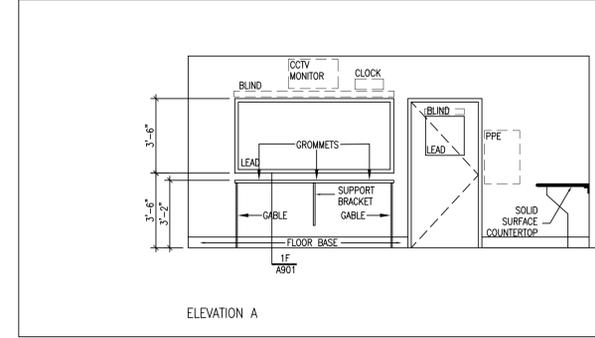
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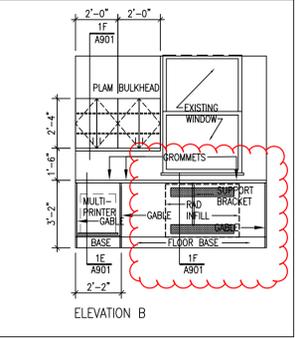
8 TYPICAL ACCESSORY MOUNTING HEIGHTS  
A901 SCALE: 1/4"=1'-0"



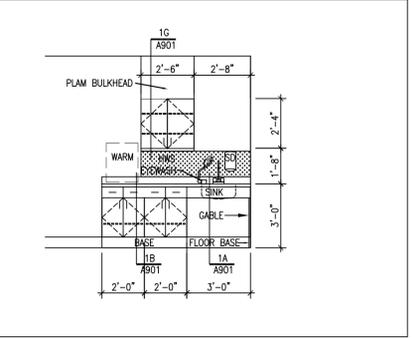
7 G4502 - ULTRASOUND  
A901 SCALE: 1/4"=1'-0"



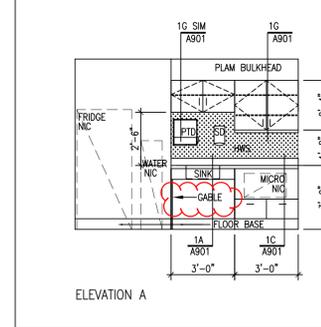
6 G4507 - CONTROL  
A901 SCALE: 1/4"=1'-0"



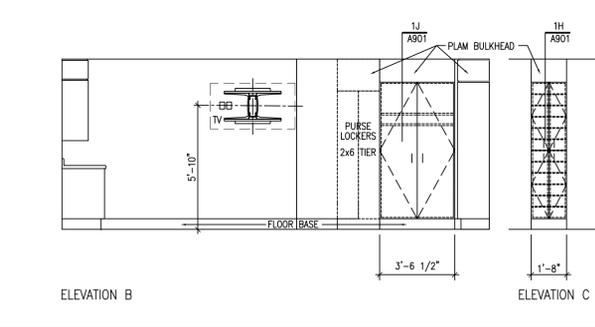
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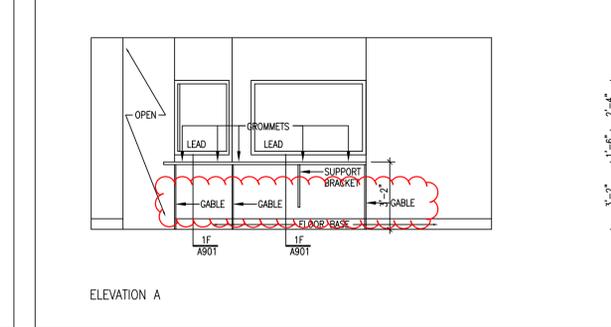
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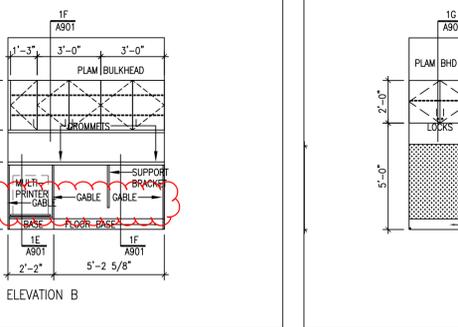
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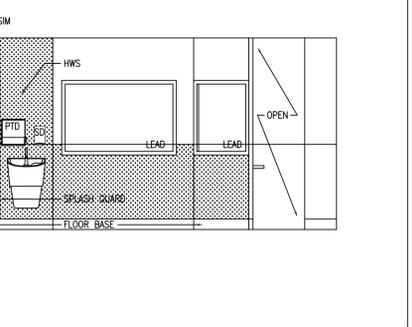
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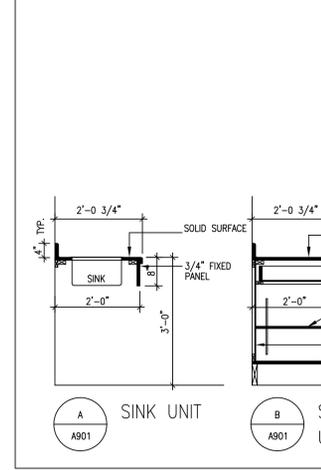
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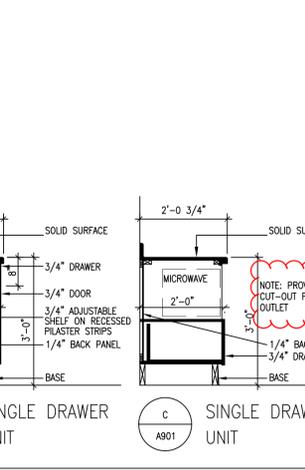
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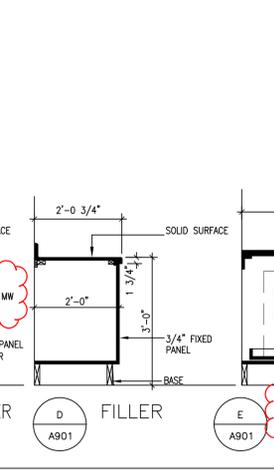
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A901 SCALE: 1/4"=1'-0"



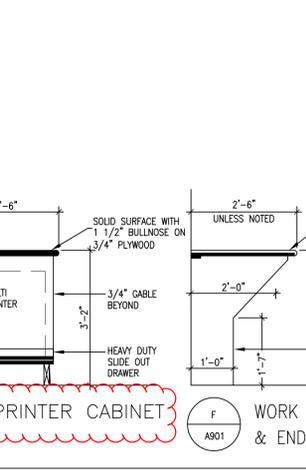
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A901 SCALE: 1/2"=1'-0"



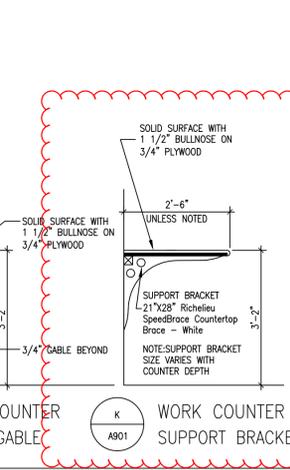
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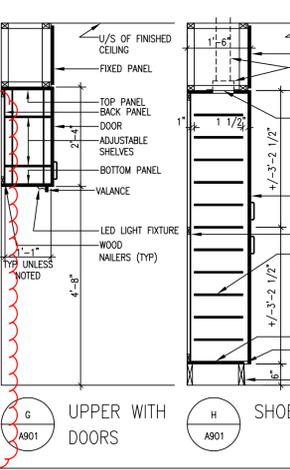
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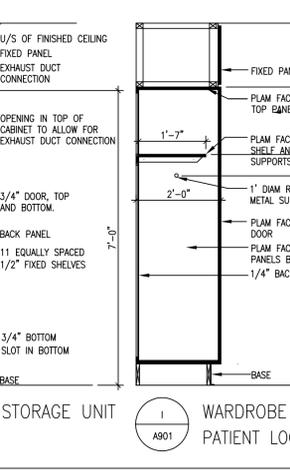
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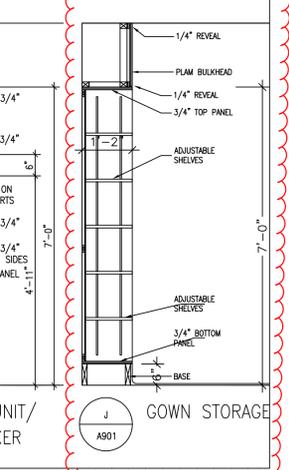
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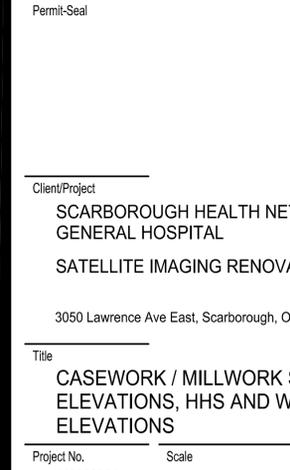
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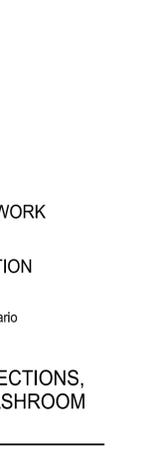
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1 CASEWORK/MILLWORK SECTIONS  
A901 SCALE: 1/2"=1'-0"



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



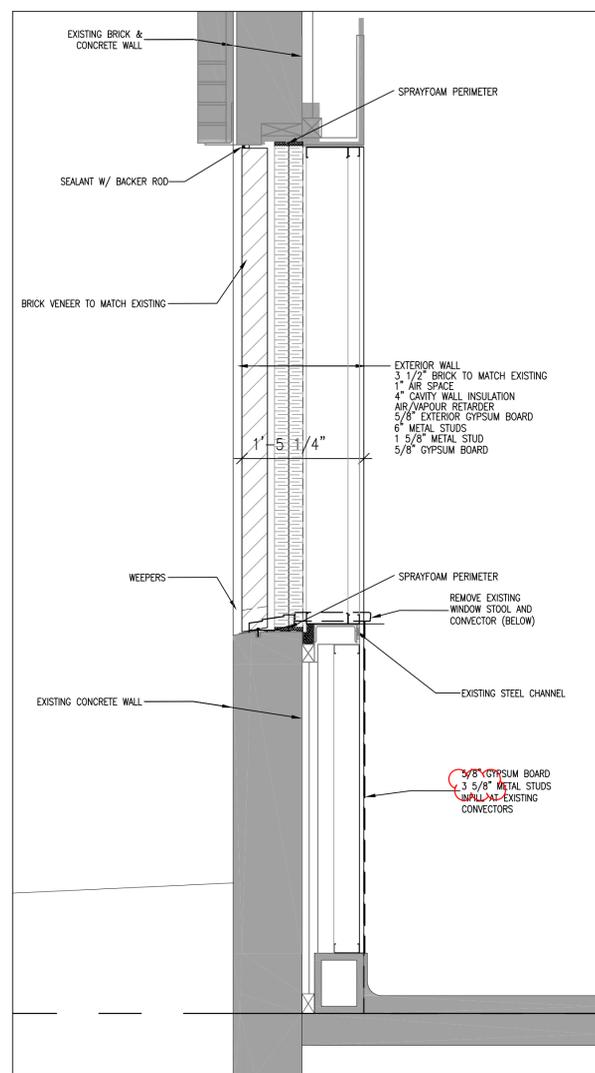
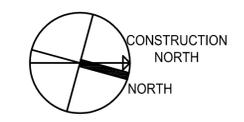
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2025/05/02 2:25 PM By: E. Kirby, Noda

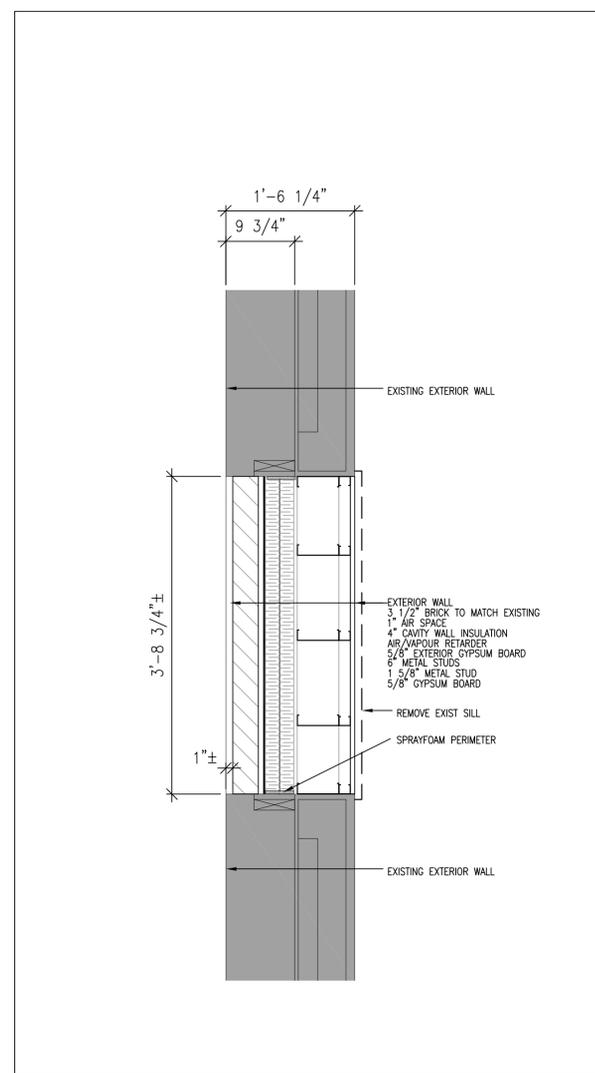
Consultants

Keyplan

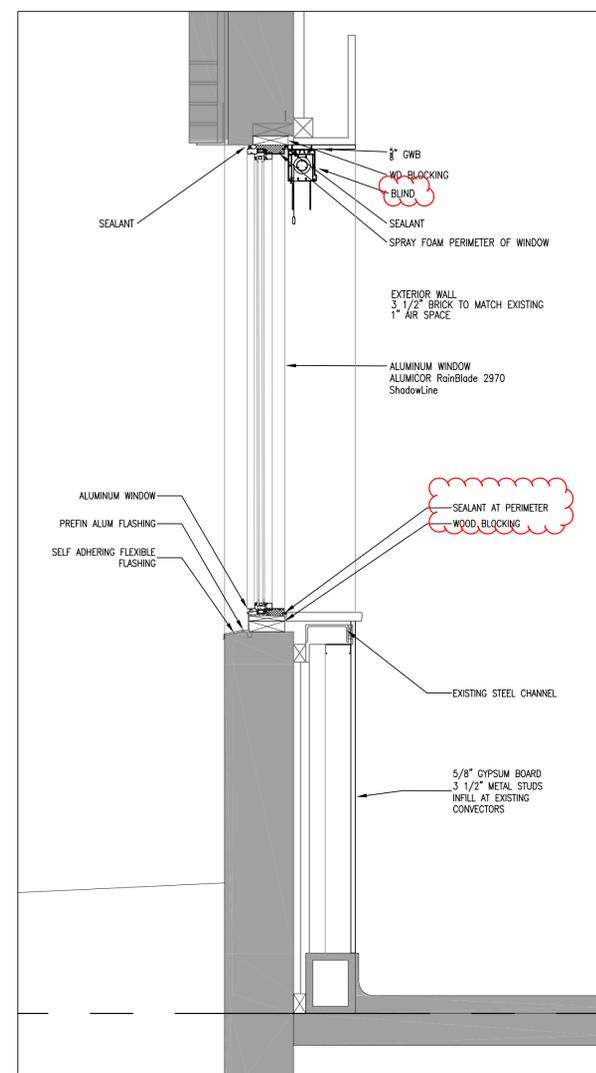
North Arrow



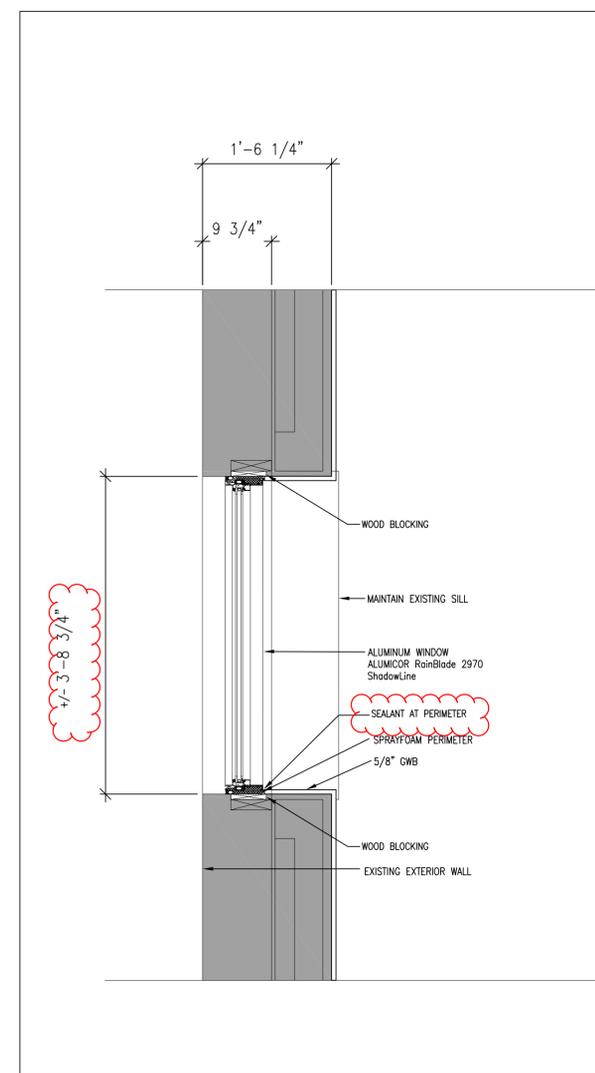
4 WALL SECTION - WINDOW INFILL  
A902 SCALE: 1 1/2"=1'-0"



3 PLAN DETAIL - WINDOW INFILL  
A902 SCALE: 1"=1'-0"

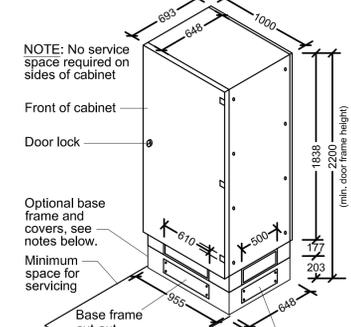


2 WALL SECTION - WINDOW REPLACEMENT  
A902 SCALE: 1 1/2"=1'-0"



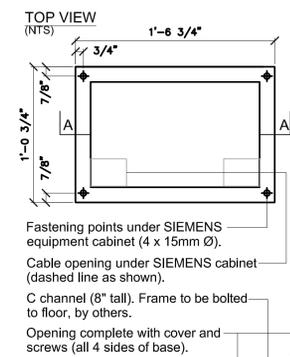
1 PLAN DETAIL - WINDOW REPLACEMENT  
A902 SCALE: 1"=1'-0"

**COOLING SYSTEM INDOOR UNIT CABINET (water/air-split)**



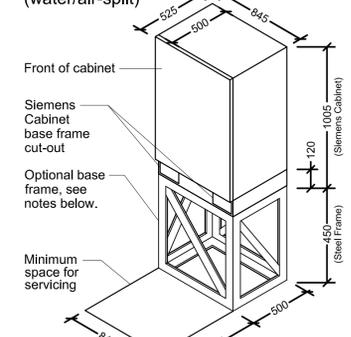
NOTE: No service space required on sides of cabinet.  
Front of cabinet  
Door lock  
Optional base frame and covers, see notes below.  
Minimum space for servicing  
Base frame cut-out  
NOTE: Base frame cut-outs for when cables are routed on the floor into the cabinet (all four sides possible).  
Siemens recommends the optional base frame for raising the equipment cabinet (as shown in detail above). See BASE FRAME (INDOOR UNIT) detail.

**BASE FRAME (INDOOR UNIT) PROPOSAL ONLY - OPTIONAL**



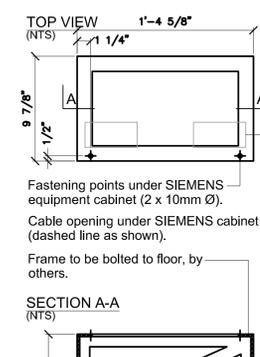
Fastening points under SIEMENS equipment cabinet (4 x 15mm Ø).  
Cable opening under SIEMENS cabinet (dashed line as shown).  
Opening complete with cover and screws (all 4 sides of base).  
SECTION A-A (NTS)  
NOTE: Frame to be designed by Structural Engineer in order to be a solid and vibration-free mounting for Siemens equipment Cabinet.  
Mounting Frame and Floor Fasteners to be supplied by others/customer.

**COOLING SYSTEM FLOW HEATER CABINET (water/air-split)**



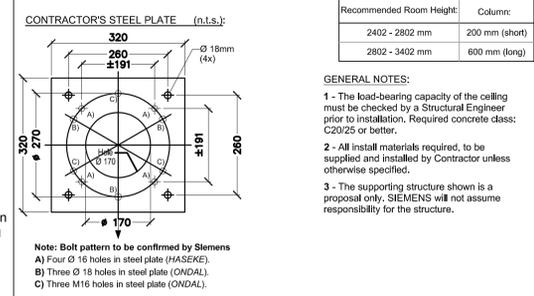
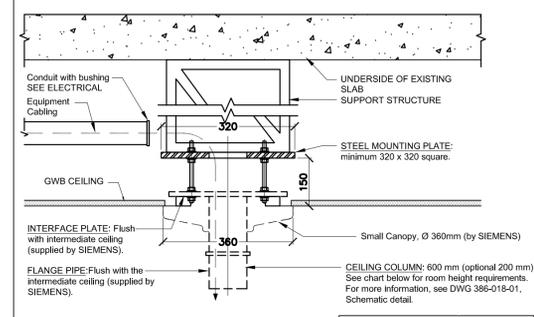
NOTE: No service space required on sides of cabinet.  
NOTE: Base frame cut-outs for when cables are routed on the floor into the cabinet (only front side possible).  
Siemens recommends the optional base frame for raising the equipment cabinet (as shown in detail above). See BASE FRAME (FLOW HEATER) detail.

**COOLING SYSTEM FLOW HEATER BASE FRAME**



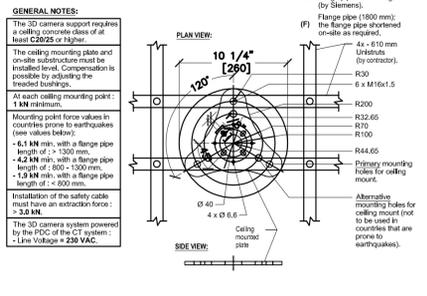
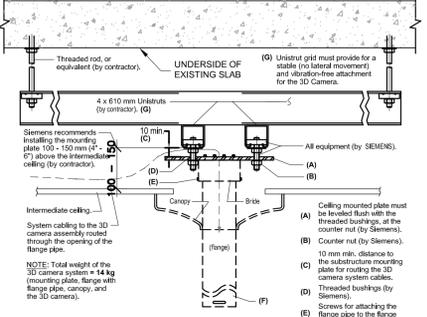
Fastening points under SIEMENS equipment cabinet (2 x 10mm Ø).  
Cable opening under SIEMENS cabinet (dashed line as shown).  
Frame to be bolted to floor, by others.  
SECTION A-A (NTS)  
NOTE: Frame to be designed by Structural Engineer in order to be a solid and vibration-free mounting for Siemens equipment Cabinet.  
Mounting Frame and Floor Fasteners to be supplied by others/customer.

**CAREVISION CT CEILING SUPPORT**



6 CEILING MOUNTED MONITOR SUPPORT  
A902 SCALE: NTS

**3D CAMERA CEILING SUPPORT**



5 3D CAMERA MOUNT - CT  
A902 SCALE: NTS

8 INDOOR COOLING SYSTEM SUPPORT  
A902 SCALE: NTS

7 COOLING SYSTEM FLOW HEATER CABINET SUPPORT  
A902 SCALE: NTS

Revision	By	Appd.	YY.MM.DD
1	ISSUED FOR ADDENDUM 1	NA	BDM 25.05.02
2	ISSUED FOR TENDER & PERMIT	BDM	BDM 25.04.07
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Client/Project  
**SCARBOROUGH HEALTH NETWORK GENERAL HOSPITAL**  
**SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

**WINDOW INFILL/REPLACEMENT DETAILS**

Project No. 140023034  
Scale

Drawing No. A902  
Sheet of  
Revision

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2025/05/02 2:39 PM By: E. Acoby, Neda













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## **1 General**

### **1.01 GENERAL REQUIREMENTS**

- .1 This Section covers items common to all sections of Division 26, Instructions to Bidders, any Supplements and/or Addenda thereto form an integral part of this Specification and must be read in conjunction herewith.
- .2 Conform to requirements of Contract Documents.

### **1.02 SUMMARY**

- .1 The following specifications detail the minimum performance and related criteria for occupancy sensors proposed for this project. Any deviations from this specification must be documented in writing and submitted to the Consultant prior to the issuance of any contracts and must also include all associated cost savings or additions, including but not limited to equipment, equipment installation, power wiring labor and materials, programming, documentation and project management.
- .2 ~~The device shall be compatible with the existing lighting control system.~~ **Local line voltage lighting controls to be used.**

### **1.03 SECTION INCLUDES**

- .1 Provide, install and test occupancy sensors as specified herein for the areas indicated on the drawings.

### **1.04 RELATED SECTIONS**

- .1 Section 26 05 00 (Common Work Results for Electrical).

### **1.05 REFERENCES**

- .1 Underwriters Laboratories Inc. – UL508, UL916.
- .2 ISO 9001 Quality Standard
- .3 NOM Certification Mark
- .4 American National Standards Institute
- .5 Institute of Electrical and Electronic Engineers

### **1.06 SYSTEM DESCRIPTION**

- .1 Permanently installed, wallbox mounted occupancy sensors
- .2 Permanently installed, wall mounted occupancy sensors
- .3 Permanently installed, ceiling mounted occupancy sensors
- .4 Permanently installed power packs.

### **1.07 APPROVALS**

- .1 Prior approval is required for alternate proposals. For pre-approval, provide all the information listed under Submittals a minimum of ten (10) working days prior to initial bid date.

- .2 Complete Catalog data, specifications, and technical information on alternate equipment must be furnished to the Consultant and Owner at least ten business days in advance of the bid date.

#### **1.08 QUALITY ASSURANCE**

- .1 Manufacturer shall have a minimum of 10 years continuous experience with occupancy sensors.
- .2 Occupancy sensors shall be CUL listed and CSA approved. Manufacturer shall provide evidence of compliance on request.
- .3 Manufacturer shall have their quality system registered to the ISO 9001 Quality Standard, including in-house engineering for all product design activities. Due to the exclusion of the Design Control element, ISO 9002 Registration is not acceptable.
- .4 All devices shall be covered by a minimum one-year warranty.

#### **1.09 PROJECT/SITE CONDITIONS**

- .1 Lighting controls shall operate in an ambient temperature range of 0°C (32°F) to 40°C (104°F) and less than 90% non-condensing relative humidity without the requirement of a regularly scheduled maintenance program.

#### **1.10 WARRANTY**

- .1 The manufacturer shall provide a full one-year limited warranty on all equipment supplied. The warranty shall cover 100% of the parts and manufacturers labor costs required over the first year, which are directly attributable to the manufacturer. Warranty coverage shall begin on the date that the equipment is energized.

### **2 PRODUCTS**

#### **2.01 ACCEPTABLE MANUFACTURERS**

- .1 General Electric
- .2 LUTRON Electronics Co., Inc.
- .3 Watt stopper.
- .4 Pass & Seymour.
- .5 Legrand.

#### **2.02 PERFORMANCE**

- .1 Occupancy Sensors shall turn off or reduce lighting automatically after reasonable time delay when a room or area is vacated by the last person to occupy the space.
- .2 Occupancy sensor shall accommodate all conditions of space utilization and all irregular work hours and habits.
- .3 Sensors shall be fully adaptive and adjust their sensitivity and timing to ensure optimal lighting control for any use of the space.
- .4 Sensors shall have optional readily accessible, user adjustable controls for time delay and sensitivity that can override any adaptive features.

- .5 Sensors shall utilize Infrared, Ultrasonic or Dual technology (Infrared and Ultrasonic) as its sensing mechanism.
- .6 Occupancy sensors using passive infrared technology shall have a multiple segmented lens, with internal grooves to eliminate dust and residue build-up.
- .7 Occupancy sensors using ultrasonic technology shall have an operating frequency of 32kHz or 40kHz, that shall be crystal controlled to within plus or minus 0.005% tolerance to assure reliable performance and eliminate sensor cross talk. Sensors using multiple frequencies are not acceptable.
- .8 All sensors shall provide a method of indication to verify that motion is being detected during testing and that the unit is working. There shall be different indicators for Infrared and Ultrasonic technologies and both indicators shall be present on a dual technology sensor.
- .9 Sensors and power packs shall be UL94V-0 or UL94-5V rated respectively.
- .10 Controls shall incorporate non-volatile memory. Should power be interrupted and subsequently restored, settings and learned parameters saved in protected memory shall not be lost.
- .11 Controls shall not be susceptible to damage or loss of memory due to static discharge.

### **2.03 CEILING AND WALL MOUNT SENSORS**

- .1 Sensor shall be easily mounted to a standard acoustic ceiling tile or surface mounted, and all necessary mounting hardware and instructions shall be provided.
- .2 Ceiling mount sensors shall have viewing directions indicated on the mounting bracket allowing for ease of installation.
- .3 Wall mount sensors shall have a swivel mount base allowing for exact positioning of sensor.
- .4 Ceiling-Mount occupancy sensors using passive infrared technology shall have a customizable mask to block off unwanted viewing areas.
- .5 Sensors shall be Class 2 devices.
- .6 Where specified, sensor shall have an internal additional isolated relay with Normally Open, Normally Closed and Common outputs for use with HVAC control, Data Logging and other control options. Sensors utilizing separate components to achieve this function are not acceptable.
- .7 Sensor shall have the ability to be put into an 8 second test mode to verify correct operation and coverage.

### **2.04 WALL SWITCHES**

- .1 Where specified, vandal resistant wall switch sensors shall utilize a hard lens with a minimum 1.0mm thickness.
- .2 Where specified, a bypass manual "override on" key shall be provided on each sensor. When bypass is utilized, lighting shall remain on constantly or control shall divert to a wall switch until sensor is replaced. This control shall be recessed to prevent tampering.
- .3 Ultrasonic sensors shall have an on/off function accomplished by utilizing a mechanical air-gap switch to totally disconnect power from the load. During "off" condition, no leakage current shall be present at the fixture(s).

- .4 Contractor shall install all backboxes with a minimum wallbox depth of 2.5 inches.
- .5 Two circuit wall switches shall be able to support the full rated load on either of the circuits, and be able to switch them independently.
- .6 Sensor shall have the ability to be put into a test mode to verify correct operation and coverage.

## **2.05 SENSOR POWER PACKS**

- .1 For ease of mounting, installation and future service, power pack(s) shall be able to mount through a 1/2" knock-out in a standard electrical enclosure and be an integrated, self-contained unit consisting internally of an isolated load switching control relay and a transformer to provide low-voltage power. Transformer shall provide power to a minimum of three (3) sensors.
- .2 Power pack shall be plenum rated.
- .3 Control wiring between sensors and control units shall be Class 2, 18-24 AWG, stranded CUL classified, PVC insulated or TEFLON jacketed cable suitable for use in plenums, where applicable.
- .4 Provide sensor power packs to suit all applications.

## **3 EXECUTION**

### **3.01 INSTALLATION**

- .1 It shall be the contractor's responsibility to locate and aim sensory in the correct location required for a complete and proper volumetric coverage within the range of coverage(s) of controlled areas per the manufacturer's recommendations. Rooms shall have (90) to one hundred (100) percent coverage to completely cover the controlled area to accommodate all occupancy habits of single or multiple occupants at any location within the room(s). The locations and quantities of sensors shown on the drawings are diagrammatic and indicate only the rooms which are to be provided with sensors. The contractor shall provide additional sensors if required to properly and completely cover the respective room.
- .2 Contractor shall furnish all equipment, labor, system setup and other services necessary for the proper installation of the products/system as indicated on the drawings and specified herein.
- .3 Devices shall be installed utilizing manufacturer's recommended application, wiring and installation instructions.
- .4 Proper judgment shall be exercised in executing the installation so as to ensure the best possible installation in the available space and to overcome local difficulties due to space limitation or interference of structural components. The contractor shall also provide at the owner's facility, the training necessary to familiarize the owner's personnel with the operation, use, adjustment, and problem solving diagnosis of the occupancy sensing devices and systems.

### **3.02 FIELD QUALITY CONTROL**

- .1 Manufacturer shall provide toll-free technical support hotline 24 hours per day, 7 days per week.
- .2 Supplemental information shall be provided by manufacturers Internet site.

- .3 Manufacturer shall offer upgraded warranty based upon successful field commissioning.
- .4 Manufacturer shall be capable of providing on-site service support within 24 hours anywhere in North America.
- .5 Manufacturer shall offer a renewable service contract on a year to year basis which will include parts and factory labor.

**END OF SECTION 26 27 26.03**

**Part 1 General**

**1.1 RELATED WORK**

- .1 This Section of the Specification forms part of the Contract Documents and is to be read, interpreted and coordinated with all other parts.
  - .1 Section 26 05 00 – Common Work

**1.2 PRODUCT DATA**

- .1 The existing security system at the Hospital is an HID system.

**1.3 SCOPE**

- .1 Division 26 to provide rough ins for all devices shown on the drawings including but not limited to: providing conduit with pull wire, providing 120V power for door controllers, providing junction boxes, providing pathways for low voltage wiring, etc.
- .2 Division 28 is to provide all devices and low voltage control wiring.
- .3 Co-ordinate with owner's access control supplier (HID) and owner's enterprise security team to facilitate system implementation during the construction period.

**1.4 SHOP DRAWINGS**

- .1 Product Data: Provide complete product data that includes the following:
  - .1 Manufacturer's technical data for all material and equipment at the system and sub system level.

**Part 2 Products**

- .1 All access control devices to be HID.

**Part 3 Execution**

**3.1 INSTALLATION**

- .1 Conduit must be used for security cabling within the secured space. Cable tray and J-hooks may be utilized to run security wiring outside of secured spaces.
- .2 All cable and equipment supplied, and all installation methods used, shall be as specified by the equipment manufacturer.
- .3 No splices shall be permitted in the wiring except where a connection is made to a device.
- .4 All cables shall be permanently identified and listed on as-built drawings as follows:
  - .1 Cable number

- .2 Source
- .3 Destination
  
- .5 Electrical panel circuit number shall be clearly identified on all system panels and fed from the emergency power system.

### **3.2 LABELING**

- .1 All wire and cable to be labeled with suitable identification code affixed to cable jacket near terminations. Label to be permanently affixed, vinyl, plastic or similar material.

### **3.3 TESTS AND ADJUSTMENTS**

- .1 Upon completion of system installation, the contractor is to provide assistance to the security contractor for system tests. Typical tests are shown below
- .2 Testing Procedures:
  - .1 A door or point has to pass all the tests listed below in order for it to be marked as verified.
    - .1 Typical "check list" shown below is for reference purposes.
      - .1 Security control panel location and mounting height as per Drawings and Specifications.
      - .2 Sufficient working space in front of the security control panel to perform maintenance.
      - .3 Readers or other access devices located where they are accessible.
      - .4 Security sensors are located, aimed and directed to best insure operation efficiencies.
      - .5 Emergency power backup of Security System is in place and functioning.
      - .6 Security System has been tested and verification of the success of the test has been made available.
      - .7 Interfacing between the Access Control System and the following systems has been done:
        - .1 Fire Alarm system
      - .8 Each security panel is tagged and identified.
      - .9 Individual conductors are tagged and identified, and terminals and terminal strips are tagged and identified.
      - .10 Raceways, junction boxes and termination cabinets are identified with color-coded bands or other approved means.

**END OF SECTION**

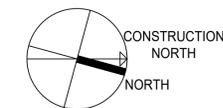
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**Consultants**

**Keyplan**

**North Arrow**



**POWER & SYSTEMS KEYPLAN GENERAL NOTES**

- HATCHED AREAS ARE NOT IN SCOPE.
- ANY EXISTING WIRING SERVICE DEVICES TO REMAIN IN SERVICE, AND WHICH IS INTERRUPTED BY WORK PERFORMED UNDER THIS CONTRACT, SHALL BE REROUTED TO MAINTAIN CIRCUIT CONTINUITY. CONTRACTOR SHALL ASSUME THE RISK OF MAINTAINING EXISTING SYSTEMS EXCEPT RELOCATION OF WIRING #2 AWG AND ABOVE SHALL BE CONSIDERED AN ADDITIONAL COST IF NOT SHOWN TO BE RELOCATED. IF SUCH WIRING IS FOUND THE CONTRACTOR SHALL NOTIFY THE OWNER OF WIRING LOCATION, REASON IT MUST BE REMOVED AND COST OF RELOCATION AND RECEIVE THE OWNER'S APPROVAL BEFORE PROCEEDING WITH THE WORK. PRIOR TO COMMENCING WITH DEMOLITION, IDENTIFY ALL POWER, LIGHTING, COMMUNICATION, AND SIGNAL CIRCUITS PASSING THROUGH THE DEMOLITION AREA OR EXTENDING BEYOND THE DEMOLITION AREA. COORDINATE WITH DEMOLITION OF OTHER TRADES.
- THE EXISTING BUILDING MUST BE KEPT IN OPERATION AT ALL TIMES, MAINTAIN ELECTRICAL SERVICES AND SYSTEMS AT ALL TIMES TO AREAS BEYOND THE CONSTRUCTION AREA AND MAINTAIN CONTINUITY OF FIRE ALARM, LIFE SAFETY, AND SECURITY SYSTEM TO ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT THE CONSTRUCTION PERIOD. PROVIDE TEMPORARY WIRING AND BRANCH CIRCUITING AS NECESSARY TO MAINTAIN OPERATION OF EXISTING CIRCUITS AND SYSTEMS EXTENDING BEYOND REMODEL AREA. ASSUME FULL RESPONSIBILITY FOR ANY DISRUPTION TO EXISTING SERVICES. RECONNECT ANY SERVICES WHICH ARE TO REMAIN, AND WHICH HAVE BEEN DISCONNECTED DURING DEMOLITION OR CONSTRUCTION, ARRANGE WORK IN SUCH A MANNER THAT INTERRUPTIONS IN SERVICES ONLY OCCUR AT PRE-SCHEDULED TIMES. CARRY OUT THE WORK WITH A MINIMUM OF NOISE, DUST, AND DISTURBANCE.



Revision	By	Appd.	YY.MM.DD
4	ISSUED FOR ADDENDUM 1	MC	IB 25.05.02
3	ISSUED FOR TENDER AND PERMIT	MC	IB 25.04.07
2	ISSUED FOR CLIENT REVIEW	MC	IB 25.02.21
1	ISSUED FOR CLASS C COSTING	MC	IB 24.11.27

**Permit-Seal**



**Client/Project**

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

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**Title**

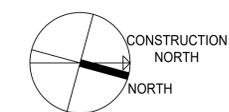
**KEY PLAN**

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**E002** 2 of 13

1 KEY PLAN  
 E002 1:125

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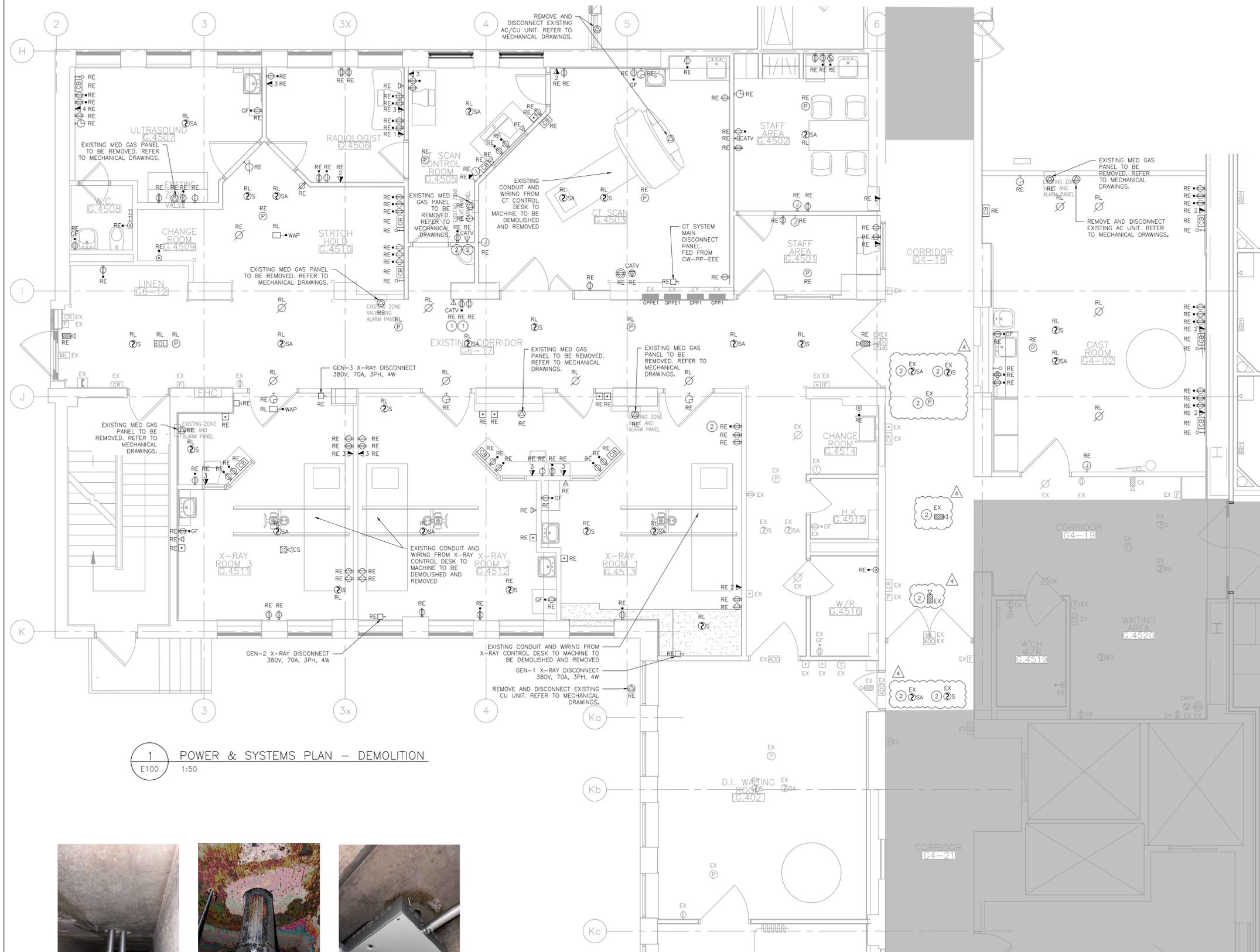


POWER & SYSTEMS DEMOLITION PLAN GENERAL NOTES

- HATCHED AREAS ARE NOT IN SCOPE.
- ANY EXISTING WIRING SERVICE DEVICES TO REMAIN IN SERVICE, AND WHICH IS INTERRUPTED BY WORK PERFORMED UNDER THIS CONTRACT, SHALL BE REROUTED TO MAINTAIN CIRCUIT CONTINUITY. CONTRACTOR SHALL ASSUME THE RISK OF MAINTAINING EXISTING SYSTEMS EXCEPT RELOCATION OF WIRING #2 AWG AND ABOVE SHALL BE CONSIDERED AN ADDITIONAL COST IF NOT SHOWN TO BE RELOCATED. IF SUCH WIRING IS FOUND THE CONTRACTOR SHALL NOTIFY THE OWNER OF WIRING LOCATION, REASON IT MUST BE REMOVED AND COST OF RELOCATION AND RECEIVE THE OWNER'S APPROVAL BEFORE PROCEEDING WITH THE WORK. PRIOR TO COMMENCING WITH DEMOLITION, IDENTIFY ALL POWER, LIGHTING, COMMUNICATION, AND SIGNAL CIRCUITS PASSING THROUGH THE DEMOLITION AREA OR EXTENDING BEYOND THE DEMOLITION AREA. COORDINATE WITH DEMOLITION OF OTHER TRADES.
- THE EXISTING BUILDING MUST BE KEPT IN OPERATION AT ALL TIMES. MAINTAIN ELECTRICAL SERVICES AND SYSTEMS AT ALL TIMES TO AREAS BEYOND THE CONSTRUCTION AREA AND MAINTAIN CONTINUITY OF FIRE ALARM, LIFE SAFETY, AND SECURITY SYSTEM TO ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT THE CONSTRUCTION PERIOD. PROVIDE TEMPORARY WIRING AND BRANCH CIRCUITING AS NECESSARY TO MAINTAIN OPERATION OF EXISTING CIRCUITS AND SYSTEMS EXTENDING BEYOND REMODEL AREA. ASSUME FULL RESPONSIBILITY FOR ANY DISRUPTION TO EXISTING SERVICES. RECONNECT ANY SERVICES WHICH ARE TO REMAIN, AND WHICH HAVE BEEN DISCONNECTED DURING DEMOLITION OR CONSTRUCTION. ARRANGE WORK IN SUCH A MANNER THAT INTERRUPTIONS IN SERVICES ONLY OCCUR AT PRE-SCHEDULED TIMES. CARRY OUT THE WORK WITH A MINIMUM OF NOISE, DUST, AND DISTURBANCE.
- REMOVE ALL POWER, DATA, FIRE ALARM, AND DOOR SECURITY DEVICES UNLESS OTHERWISE SHOWN. NOT ALL DEVICES IN AREA ARE SHOWN. CONTRACTOR TO REVIEW AS BUILT DRAWINGS AND ATTEND SITE WALKTHROUGH AND BE RESPONSIBLE FOR REMOVAL OF ALL DEVICES.
- ELECTRICAL CONTRACTOR SHALL REMOVE ANY EQUIPMENT/DEVICES THAT ARE NOT NEEDED (RECEPTACLES, DATA DROPS, CONDUITS, ETC.) AND ARE TO BE MADE SAFELY BACK TO SOURCE PANELBOARDS AND DATA ROOM.
- IN THE EVENT THE DEMOLITION WORK AFFECTS THE STRUCTURAL SUPPORT OF EXISTING ELECTRICAL EQUIPMENT THAT IS TO REMAIN IN SERVICE, IT SHALL BE RE-SUPPORTED IN ACCORDANCE WITH ALL APPLICABLE CODES. PROVIDE TEMPORARY POWER AND PERMANENT SUPPORTS WHERE REQUIRED.
- UNUSED FLUSH MOUNTED DEVICES, OUTLETS, AND OTHER BOXES IN FINISHED AREAS SHALL BE REMOVED FROM WALL AND THE REMAINING HOLE PATCHED TO MATCH ADJACENT WALL SURFACES. UNUSED RACEWAYS AND SLEEVES SHALL BE CUT FLUSH AT CEILING, FLOOR, OR WALL AND FILLED WITH GROUT OR REQUIRED FIRE SEALANT. UNUSED RACEWAYS ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED.
- ELECTRICAL MATERIAL SCHEDULED FOR REMOVAL IS TO BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF AS PART OF THIS CONTRACT. ANY ELECTRICAL MATERIAL THE OWNER WISHES TO RETAIN IS TO BECOME THE PROPERTY OF THE OWNER AND IS TO BE REMOVED AND PLACED AT A LOCATION ON THE SITE AS DIRECTED BY THE OWNER.
- THE DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF THE DEMOLITION AND NOT EXACT DETAILS OR TOTAL EXTENT. FOR EXACT DETAILS AND TOTAL EXTENT, EACH SERVICE MUST BE CAREFULLY CHECKED ON SITE, BEFORE REMOVING SERVICES FOLLOW THE EXACT SERVICE THROUGH TO ENSURE OTHER AREAS OF THE BUILDING ARE NOT AFFECTED. COORDINATE THE EXACT EXTENT OF ALL DEMOLITION AND REMOVAL OF ELECTRICAL ITEMS WITH ARCHITECTURAL DRAWINGS AND THE OWNER ON SITE.
- PROVIDE TYPED UPDATED PANEL DIRECTORIES FOR ALL PANELS AFFECTED BY THE ELECTRICAL WORK.
- NO EXTRA FEES WILL BE ALLOTTED FOR DEVICES NOT SHOWN ON THE DRAWING OR DEVICES DISCOVERED DURING RENOVATIONS.

DRAWING NOTES

- DEVICE IS WALL MOUNTED CLOSE TO THE CEILING.
- CEILING TO BE REMOVED AND RE-INSTALLED. DEVICES TO REMAIN ACTIVE DURING CONSTRUCTION AND BE RE-INSTALLED IN EXISTING LOCATION.



1 POWER & SYSTEMS PLAN - DEMOLITION  
E100 1:50

2 EXISTING X-RAY CONDUIT AND WIRING  
E100 N.T.S



Revision	By	Appd.	YY.MM.DD
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Dwn. Chkd. Dsgn. YY.MM.DD



Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

Title  
**POWER & SYSTEMS PLAN - DEMOLITION**

Project No.	Scale
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Drawing No.	Sheet	Revision
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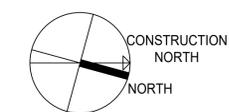
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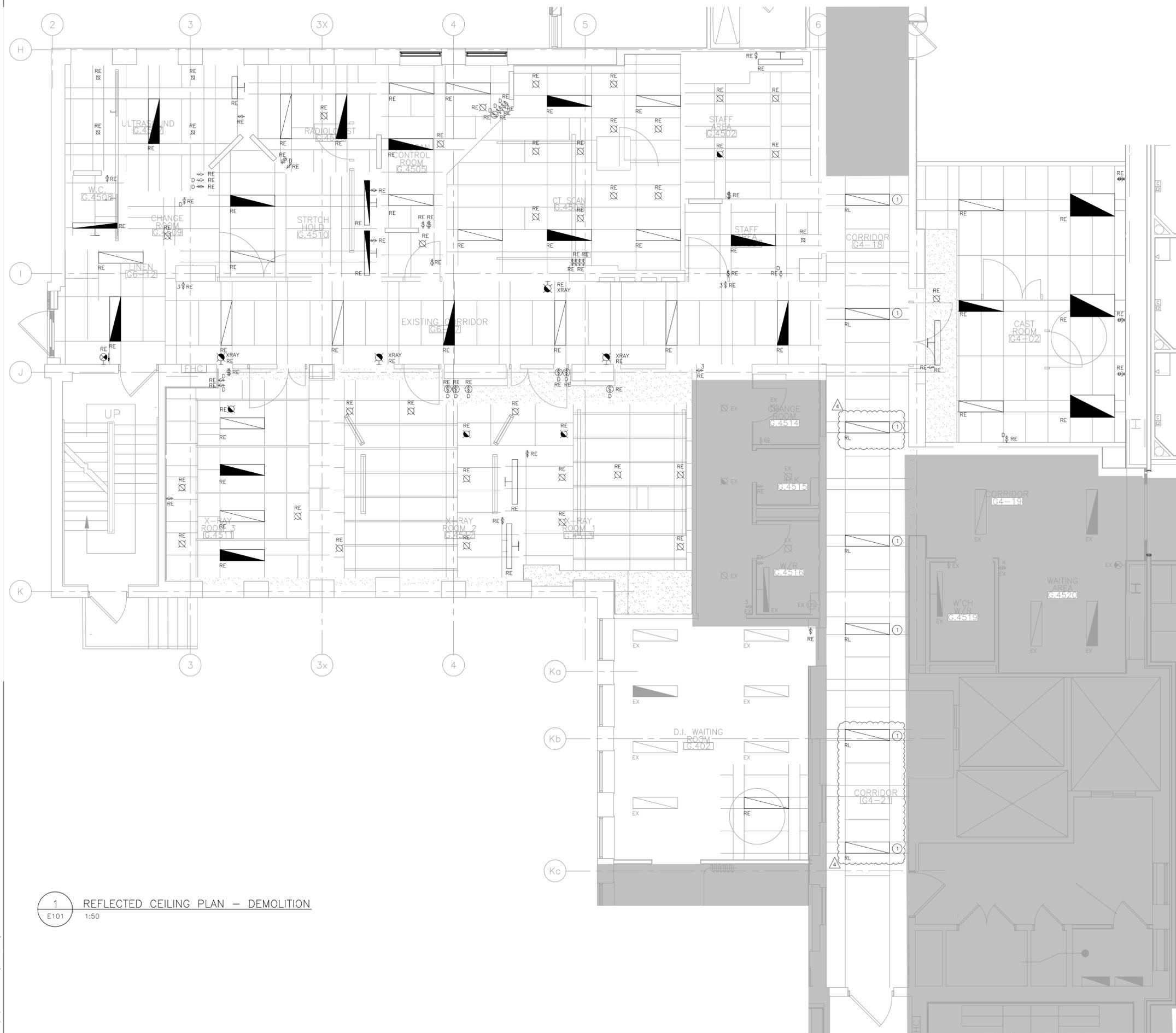


REFLECTED CEILING DEMOLITION PLAN GENERAL NOTES

- HATCHED AREAS ARE NOT IN SCOPE.
- ANY EXISTING WIRING SERVICE DEVICES TO REMAIN IN SERVICE AND WHICH IS INTERRUPTED BY WORK PERFORMED UNDER THIS CONTRACT, SHALL BE RELOCATED TO MAINTAIN CIRCUIT CONTINUITY. CONTRACTOR SHALL ASSUME THE RISK OF MAINTAINING EXISTING SYSTEMS EXCEPT RELOCATION OF WIRING #2 AWG AND ABOVE SHALL BE CONSIDERED AN ADDITIONAL COST IF NOT SHOWN TO BE RELOCATED. IF SUCH WIRING IS FOUND THE CONTRACTOR SHALL NOTIFY THE OWNER OF WIRING LOCATION, REASON IT MUST BE REMOVED AND COST OF RELOCATION AND RECEIVE THE OWNER'S APPROVAL BEFORE PROCEEDING WITH THE WORK. PRIOR TO COMMENCING WITH DEMOLITION, IDENTIFY ALL POWER, LIGHTING, COMMUNICATION, AND SIGNAL CIRCUITS PASSING THROUGH THE DEMOLITION AREA OR EXTENDING BEYOND THE DEMOLITION AREA. COORDINATE WITH DEMOLITION OF OTHER TRADES.
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- REMOVE ALL LIGHTING FIXTURES AND LIGHTING CONTROL DEVICES UNLESS OTHERWISE SHOWN. NOT ALL DEVICES IN AREA ARE SHOWN. CONTRACTOR TO REVIEW AS BUILT DRAWINGS AND ATTEND SITE WALKTHROUGH AND BE RESPONSIBLE FOR REMOVAL OF ALL DEVICES.
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- UNUSED FLUSH MOUNTED DEVICES, OUTLETS, AND OTHER BOXES IN FINISHED AREAS SHALL BE REMOVED FROM WALL AND THE REMAINING HOLE PATCHED TO MATCH ADJACENT WALL SURFACES. UNUSED RACEWAYS AND SLEEVES SHALL BE CUT FLUSH AT CEILING, FLOOR, OR WALL AND FILLED WITH GROUT OR REQUIRED FIRE SEALANT. UNUSED RACEWAYS ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED.
- ELECTRICAL MATERIAL SCHEDULED FOR REMOVAL IS TO BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF AS PART OF THIS CONTRACT. ANY ELECTRICAL MATERIAL THE OWNER WISHES TO RETAIN IS TO BECOME THE PROPERTY OF THE OWNER AND IS TO BE REMOVED AND PLACED AT A LOCATION ON THE SITE AS DIRECTED BY THE OWNER.
- THE DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF THE DEMOLITION AND NOT EXACT DETAILS OR TOTAL EXTENT. FOR EXACT DETAILS AND TOTAL EXTENT, EACH SERVICE MUST BE CAREFULLY CHECKED ON SITE. BEFORE REMOVING SERVICES FOLLOW THE EXACT SERVICE THROUGH TO ENSURE OTHER AREAS OF THE BUILDING ARE NOT AFFECTED. COORDINATE THE EXACT EXTENT OF ALL DEMOLITION AND REMOVAL OF ELECTRICAL ITEMS WITH ARCHITECTURAL DRAWINGS AND THE OWNER ON SITE.
- PROVIDE TYPED UPDATED PANEL DIRECTORIES FOR ALL PANELS AFFECTED BY THE ELECTRICAL WORK.
- NO EXTRA FEES WILL BE ALLOTTED FOR DEVICES NOT SHOWN ON THE DRAWING OR DEVICES DISCOVERED DURING RENOVATIONS.

DRAWING NOTES

- EXISTING CEILING TO BE REMOVED AND RE-INSTALLED. LIGHTING FIXTURE TO BE REMOVED AND RE-INSTALLED IN EXISTING LOCATION.



1 REFLECTED CEILING PLAN - DEMOLITION  
 E101 1:50

Revision	By	Appd.	YY.MM.DD
4	ISSUED FOR ADDENDUM 1	MC	IB 25.05.02
3	ISSUED FOR TENDER AND PERMIT	MC	IB 25.04.07
2	ISSUED FOR CLIENT REVIEW	MC	IB 25.02.21
1	ISSUED FOR CLASS C COSTING	MC	IB 24.11.27

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 Client/Project  
**SCARBOROUGH HEALTH NETWORK  
 GENERAL HOSPITAL**  
**SATELLITE IMAGING RENOVATION**  
 3050 Lawrence Ave East, Scarborough, Ontario

Title  
**LIGHTING PLAN - DEMOLITION**

Project No.	Scale	
140023034	1:50	
Drawing No.	Sheet	Revision
E101	4	of 13

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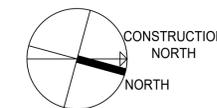
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Keyplan

North Arrow

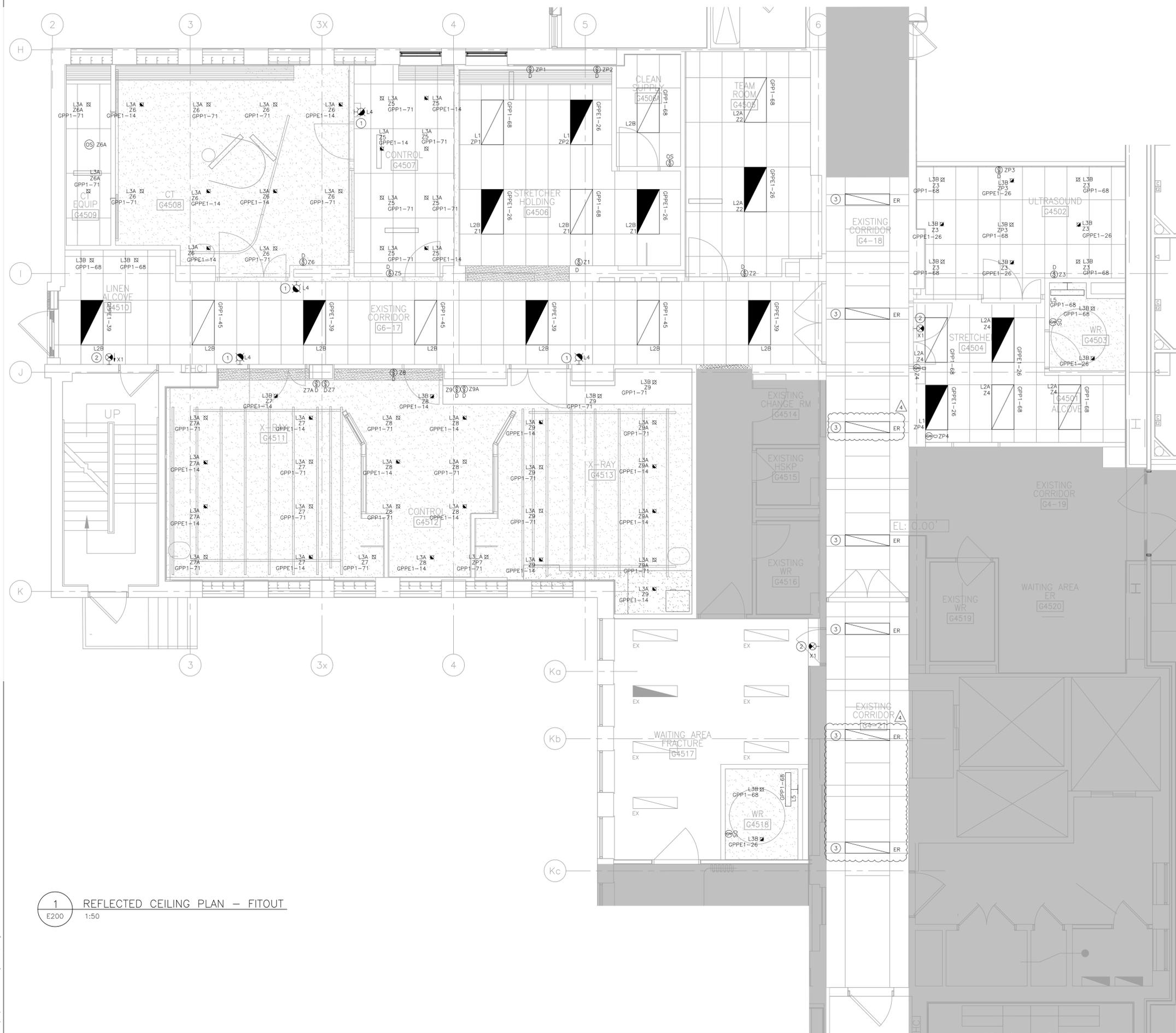


**LIGHTING PLAN GENERAL NOTES**

1. HATCHED AREAS NOT IN SCOPE.
2. ALL NEW LED LUMINAIRE AND NEW RECESSED DOWNLIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE STRUCTURE ABOVE. LUMINAIRE ARE NOT TO BE SUSPENDED FROM MECHANICAL PIPES, DUCTWORK, OR OTHER BUILDING SERVICES.
3. CLEAN ALL LUMINAIRE, INSIDE AND OUT AT THE TIME OF SUBSTANTIAL COMPLETION. REPLACE ALL SCRATCHED OR DAMAGED LUMINAIRE INCLUDING REMOTE HEADS, LENSES, LOUVERS, AND DIFFUSERS IN THE CONSTRUCTION AREA, AT NO COST TO THE OWNER.
4. THE ELECTRICAL CONTRACTOR IS TO INSTALL FIXTURES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, LOCAL CODES, LOCAL INSPECTION REQUIREMENTS, ELECTRICAL DIVISION DRAWINGS, AND SPECIFICATIONS.
5. THE INTENT IS TO REUSE EXISTING LIGHTING CIRCUITS WHEN POSSIBLE.
6. ELECTRICAL CONTRACTOR SHALL CONFIRM CIRCUIT NUMBERS BASED ON SITE CONDITIONS AND SHALL NOT LOAD CIRCUIT BREAKER MORE THAN 80% AND ALLOW FOR CIRCUIT BREAKER UPGRADE TO 20A, 1P OR THE ADDITION OF NEW CIRCUIT BREAKER AND/OR PANEL UPGRADE IF REQUIRED. ALL CIRCUIT NUMBERS SHALL BE INDICATED ON AS BUILT DRAWINGS.
7. ELECTRICAL CONTRACTOR TO COORDINATE LUMINAIRE LOCATION WITH NEW AND EXISTING MECHANICAL EQUIPMENT.
8. ENSURE ALL NEW LIGHTING CONTROL DEVICES TO MATCH EXISTING.
9. CIRCUIT NUMBERS SHOWN ON THE DRAWING ARE FOR INTENT AND GROUPING PURPOSES ONLY AND WILL NOT REPRESENT THE ACTUAL CIRCUIT AVAILABLE FOR RE-USE. ELECTRICAL CONTRACTOR SHALL CONFIRM CIRCUIT NUMBERS BASED ON SITE CONDITIONS AND ALLOW FOR NEW CIRCUITS AND/OR CIRCUIT BREAKERS AND PANEL UPGRADE OR THE ADDITION OF NEW PANEL IF REQUIRED. ALL CIRCUIT NUMBERS SHALL BE INDICATED ON THE AS-BUILT DRAWINGS.
10. PROVIDE AND INSTALL UL924 RELATED DEVICES TO ENSURE ALL LIGHTING AUTOMATICALLY TURN ON TO FULL BRIGHTNESS AS PER OBC REQUIREMENT.

**LIGHTING PLAN KEY NOTES**

1. 'RADIATION ON'/'X-RAY ON' SIGNS TO BE WIRED AND CONNECTED TO CT/'X-RAY' SYSTEM. SIGN VERBIAGE TO BE COORDINATED AND CONFIRMED WITH SHN AND ARCHITECT.
2. NEW EXIT SIGN 'X1' TO BE CONNECTED TO EXISTING EXIT SIGN CIRCUIT.
3. EXISTING CEILING TO BE REMOVED AND RE-INSTALLED. LIGHTING FIXTURE TO BE REMOVED AND RE-INSTALLED IN EXISTING LOCATION.



1 REFLECTED CEILING PLAN - FITOUT  
E200 1:50

Revision	By	Appd.	YY.MM.DD
4	ISSUED FOR ADDENDUM 1	MC	IB 25.05.02
3	ISSUED FOR TENDER AND PERMIT	MC	IB 25.04.07
2	ISSUED FOR CLIENT REVIEW	MC	IB 25.02.21
1	ISSUED FOR CLASS C COSTING	MC	IB 24.11.27

Issued By Appd. YY.MM.DD

File Name: VW/MC IB VW/MC 24.09.11  
Dwn. Chkd. Dsgn. YY.MM.DD

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Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

Title  
**LIGHTING PLAN - FITOUT**

Project No.	Scale	
140023034	1:50	
Drawing No.	Sheet	Revision
E201	6	of 13

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2025/05/02 10:37 AM By: Chen, Megan

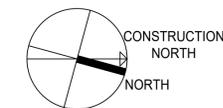
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4	MC	IB	25.05.02
3	MC	IB	25.04.07
2	MC	IB	25.02.21
1	MC	IB	24.11.27
<b>Issued</b>			
File Name:	VW/MC	IB	VW/MC 24.09.11
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SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION

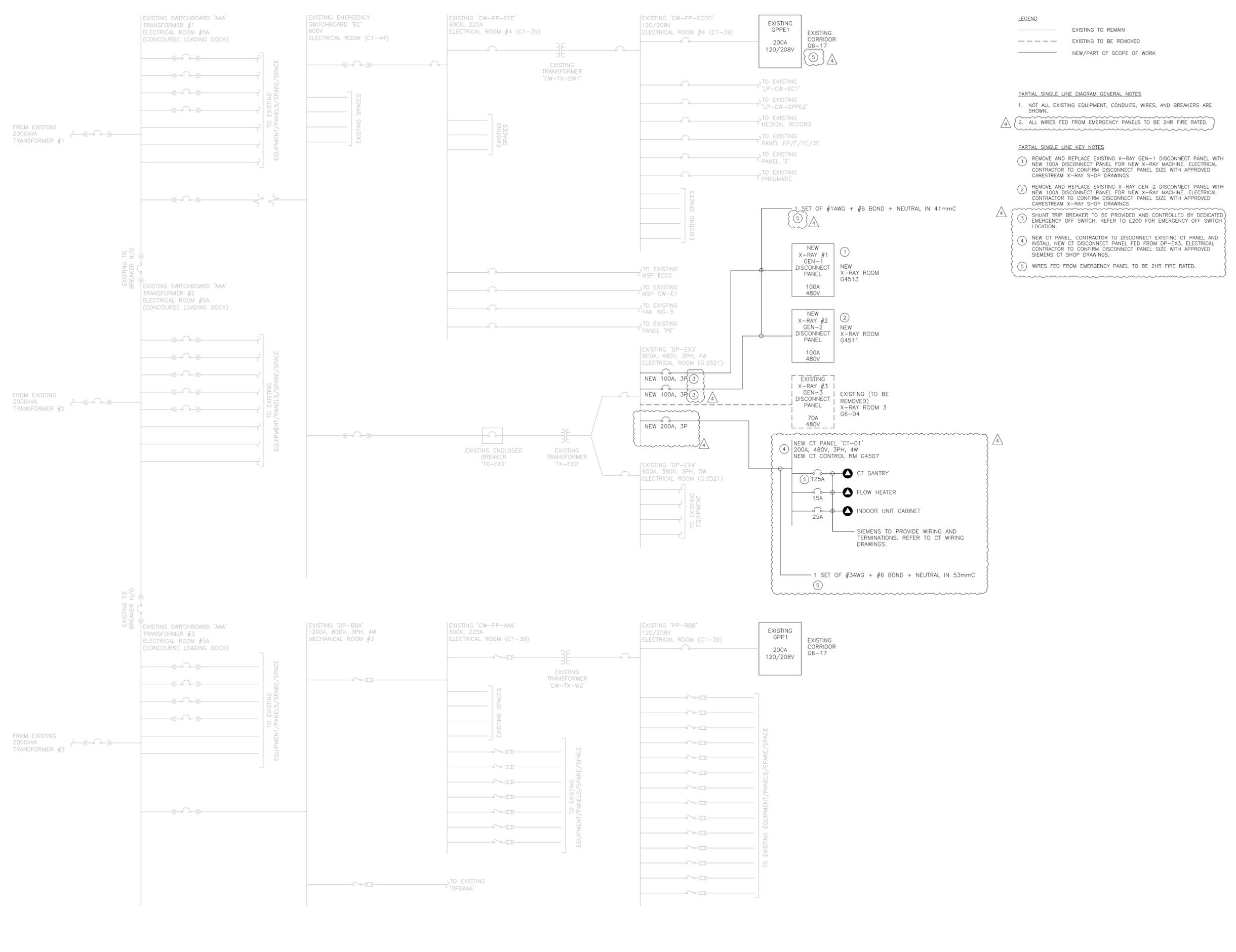
3050 Lawrence Ave East, Scarborough, Ontario

Title  
PARTIAL SINGLE LINE DIAGRAM

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

E301

8 of 13

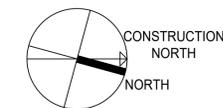


- LEGEND**
- EXISTING TO REMAIN
  - - - EXISTING TO BE REMOVED
  - NEW/PART OF SCOPE OF WORK

- PARTIAL SINGLE LINE DIAGRAM GENERAL NOTES**
1. NOT ALL EXISTING EQUIPMENT, CONDUITS, WIRES, AND BREAKERS ARE SHOWN.
  2. ALL WIRES FED FROM EMERGENCY PANELS TO BE 2HR FIRE RATED.

- PARTIAL SINGLE LINE KEY NOTES**
- 1 REMOVE AND REPLACE EXISTING X-RAY GEN-1 DISCONNECT PANEL WITH NEW 100A DISCONNECT PANEL FOR NEW X-RAY MACHINE. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED CARESTREAM X-RAY SHOP DRAWINGS.
  - 2 REMOVE AND REPLACE EXISTING X-RAY GEN-2 DISCONNECT PANEL WITH NEW 100A DISCONNECT PANEL FOR NEW X-RAY MACHINE. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED CARESTREAM X-RAY SHOP DRAWINGS.
  - 3 SHUNT TRIP BREAKER TO BE PROVIDED AND CONTROLLED BY DEDICATED EMERGENCY OFF SWITCH. REFER TO E200 FOR EMERGENCY OFF SWITCH LOCATION.
  - 4 NEW CT PANEL. CONTRACTOR TO DISCONNECT EXISTING CT PANEL AND INSTALL NEW CT DISCONNECT PANEL FED FROM DP-EX3. ELECTRICAL CONTRACTOR TO CONFIRM DISCONNECT PANEL SIZE WITH APPROVED SIEMENS CT SHOP DRAWINGS.
  - 5 WIRES FED FROM EMERGENCY PANEL TO BE 2HR FIRE RATED.

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



Client/Project  
**SCARBOROUGH HEALTH NETWORK  
GENERAL HOSPITAL  
SATELLITE IMAGING RENOVATION**

3050 Lawrence Ave East, Scarborough, Ontario

Title  
**CT WIRING DETAILS**

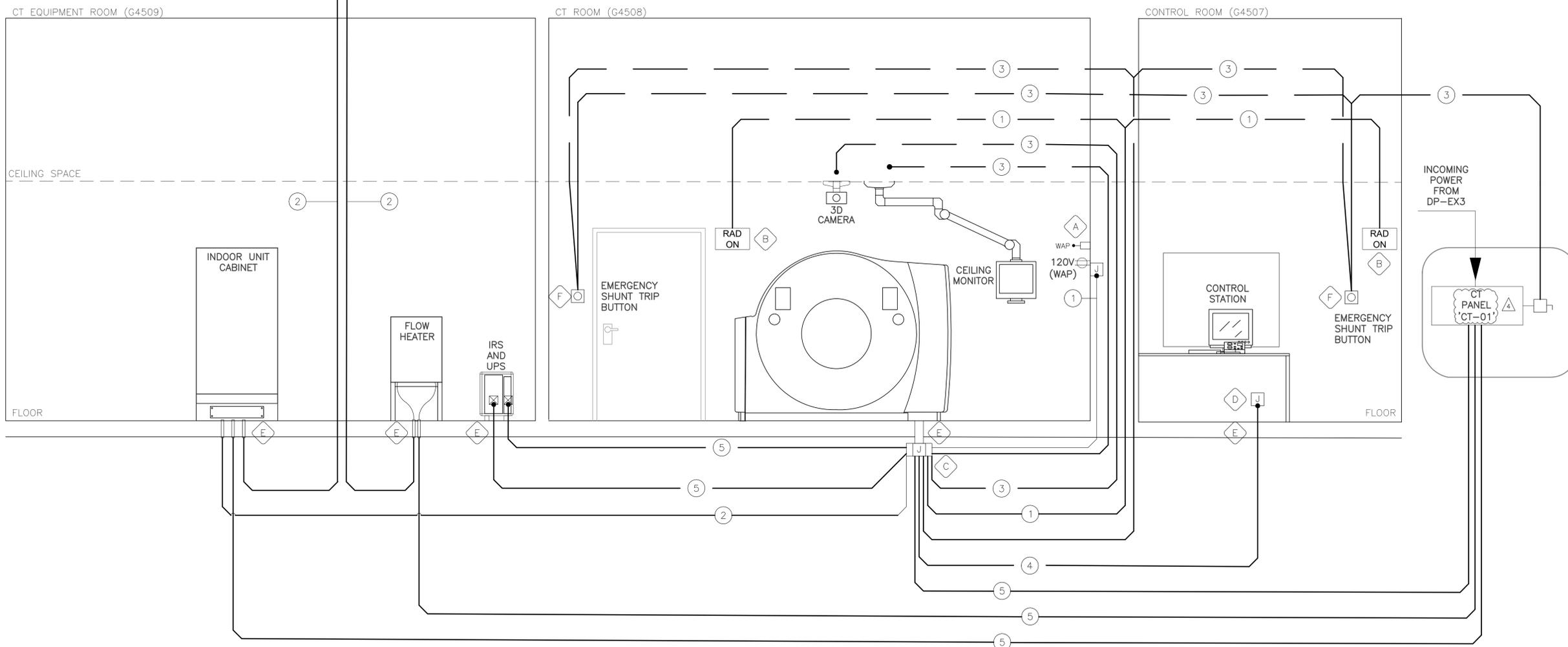
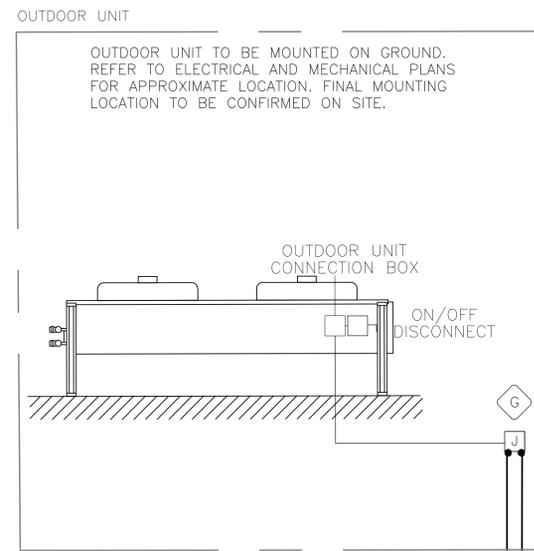
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140023034	N.T.S.	
Drawing No.	Sheet	Revision

CT WIRING DIAGRAM GENERAL NOTES:

- ELECTRICAL CONTRACTOR TO FOLLOW SIEMENS CT EQUIPMENT INSTALLATION DRAWINGS FOR FINAL LOCATION AND SIZE OF BOXES AND CONDUIT RUNS.
- ELECTRICAL CONTRACTOR TO PROVIDE PULL BOXES, CONDUITS, RACEWAYS, FITTINGS, BUSHINGS, AND ALL OTHER ITEMS UNLESS OTHERWISE NOTED. ALL CONDUITS WHICH ARE LEFT EMPTY FOR THE CABLES SUPPLIED BY SIEMENS SHALL BE PROVIDED WITH GREENLEE CONDUIT MEASURING TAPE (CAT. #N435 OR EQUIVALENT). ELECTRICAL CONTRACTOR TO COORDINATE FINAL FEEDER REQUIREMENTS WITH SIEMENS PRIOR TO CONSTRUCTION.

- PROVIDE 1" CONDUIT.
- PROVIDE 1 1/2" CONDUIT.
- PROVIDE 2" CONDUIT.
- PROVIDE 2 X 2" CONDUIT.
- PROVIDE 3" CONDUIT.

- A PROVIDE TWO GANG BACK BOX AND ONE (1) 120V, 1P, 15A DUPLEX RECEPTACLE MOUNTED AT 2000mm FOR WAP. FINAL LOCATION AND MOUNTING HEIGHT TO BE COORDINATED ON SITE.
- B PROVIDE 'RADIATION ON' INDICATOR SIGN (LUMINAIRE TYPE L4) WITH ASSOCIATED BACKBOX.
- C PROVIDE ONE (1) PULL BOX IN THE CEILING FLOOR BELOW. REFER TO MANUFACTURER AND STRUCTURAL DRAWINGS FOR CORING REQUIREMENTS. FINAL LOCATION TO BE COORDINATED WITH STRUCTURAL ENGINEER.
- D PROVIDE ONE (1) PULL BOX 1' A.F.F. FLUSH IN WALL.
- E THROUGH FLOOR CONDUIT PENETRATIONS. CORE AND FIRESTOP PENETRATIONS.
- F PROVIDE EMERGENCY SHUNT TRIP PUSH BUTTON. FINAL CONFIGURATION TO BE CONFIRMED ON SITE. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL WIRING AND CONDUIT BETWEEN THE PUSH BUTTON AND MAIN DISCONNECT.
- G PROVIDE WEATHERPROOF PULL BOX WITH SPLIT REMOVABLE COVER FOR OUTDOOR UNIT. CONTRACTOR TO PROVIDE 2" WATERTIGHT FLEX CONDUIT TO CONNECT OUTDOOR UNIT TO SIEMENS PROVIDED SERVICE SWITCH.



1 CT POWER DISTRIBUTION DIAGRAM  
E303 N.T.S.

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SHN

# Satellite DI Reno Signage: Design Development

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**16 April 2025**

Cygnus

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### APPENDIX B:

#### INTERIOR SIGNAGE AND WAYFINDING CONSTRUCTION DOCUMENTATION

Includes comprehensive construction details and graphic standards for all of SHN's interior sign types. As only a portion of the signs in these standards are in this scope, use the Table of Contents near the beginning of the document to find the detail pages for each of the sign types relevant to this scope.

**SATELLITE DI RENO SIGNAGE**

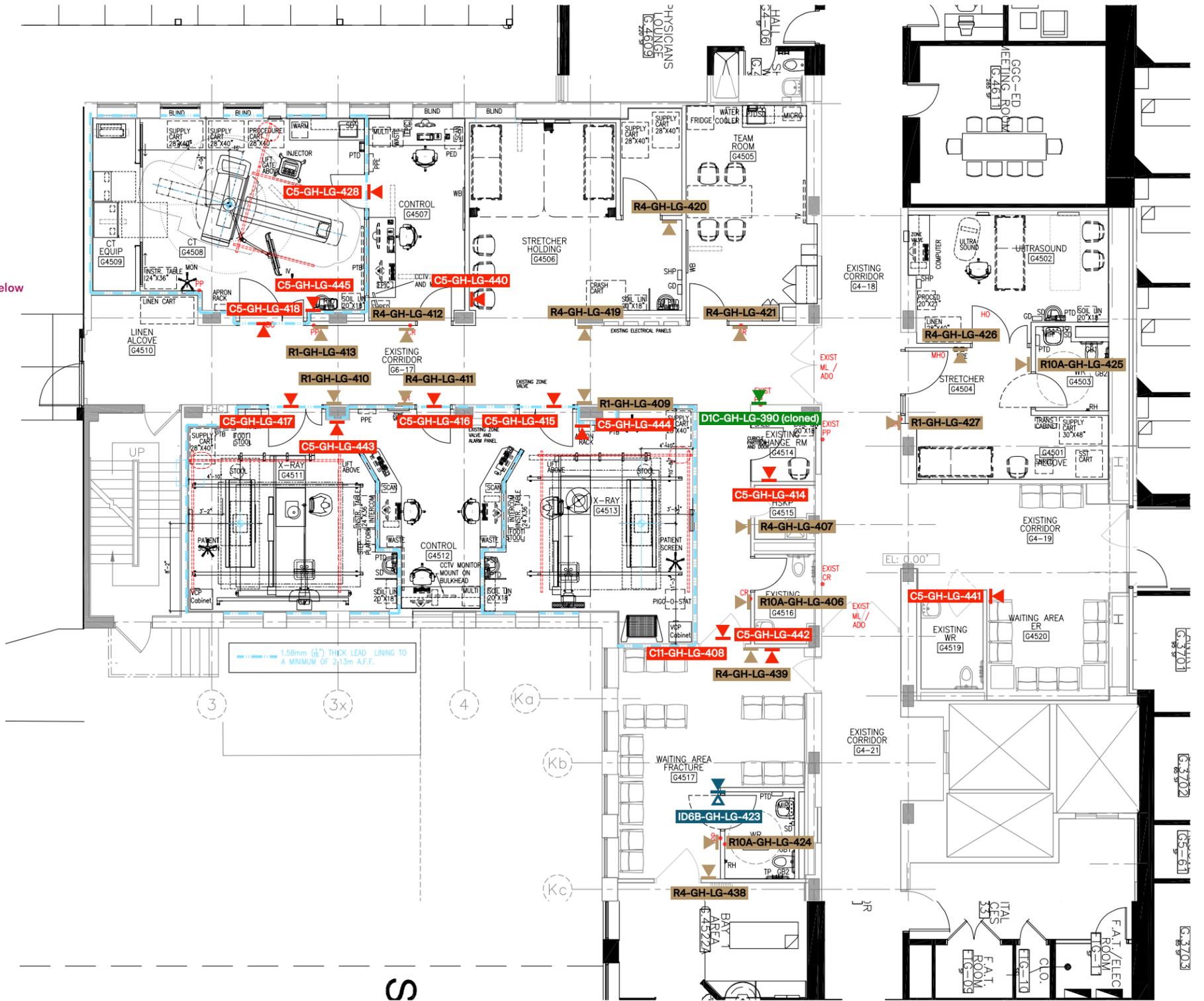
**Sign Quantity Summary and Location Plan**

Type	Description	Qty
ID6B	Goal ID - Base Building Projecting	1
D1C	Directional - Wall Mount - Small	1
R1	Room ID - Primary	4
R4	Room ID - Staff	9
R10A	Washroom ID	3
C5	Misc - Wall Mount - Medium	12
C11	Misc - Digital Print	1
Subtotal:		31

\*See note below

**Notes:**

- 1) C5 signs with "Attention: If you think you're pregnant..." messages are tentatively placed. Sign installer is to coordinate with the SHN project team to determine preferred mounting locations prior to installing them.



# SATELLITE DI RENO SIGNAGE

## Message Schedule

Sign ID	Message	Description	Details	Qty
GH-LG - General Ground Level				
R10A-GH-LG-406	<b>Room Number</b> G.4516  <b>Room Name</b> Staff Washroom  <b>Pictogram</b> 	Washroom ID		1
R4-GH-LG-407	<b>Room Number</b> G.4515  <b>Room Name</b> Housekeeping	Room ID - Staff		1
C11-GH-LG-408	<b>Message</b> ^ Exit to Surgical Specialty Clinics	Misc - Digital Print		1
R1-GH-LG-409	<b>Room Number</b> G.4513  <b>Room Name</b> Satellite X-Ray 1	Room ID - Primary		1
R1-GH-LG-410	<b>Room Number</b> G.4511  <b>Room Name</b> Satellite X-Ray 2	Room ID - Primary		1
R4-GH-LG-411	<b>Room Number</b> G.4512  <b>Room Name</b> X-Ray Control Room	Room ID - Staff		1
R4-GH-LG-412	<b>Room Number</b> G.4507  <b>Room Name</b> CT Control Room	Room ID - Staff		1
R1-GH-LG-413	<b>Room Number</b> G.4508  <b>Room Name</b> Satellite CT Room	Room ID - Primary		1

Sign ID	Message	Description	Details	Qty
C5-GH-LG-414	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1
C5-GH-LG-415	<b>Message</b> CAUTION X-RAY ATTENTION RAYONS-X Unauthorized Entry Prohibited	Misc - Wall Mount - Medium		1
C5-GH-LG-416	<b>Message</b> CAUTION X-RAY ATTENTION RAYONS-X Unauthorized Entry Prohibited	Misc - Wall Mount - Medium		1
C5-GH-LG-417	<b>Message</b> CAUTION X-RAY ATTENTION RAYONS-X Unauthorized Entry Prohibited	Misc - Wall Mount - Medium		1
C5-GH-LG-418	<b>Message</b> CAUTION X-RAY ATTENTION RAYONS-X Unauthorized Entry Prohibited	Misc - Wall Mount - Medium		1
R4-GH-LG-419	<b>Room Number</b> G.4506  <b>Room Name</b> Stretcher Bay	Room ID - Staff		1
R4-GH-LG-420	<b>Room Number</b> G.4506a (TBC)  <b>Room Name</b> Clean Supply	Room ID - Staff		1
R4-GH-LG-421	<b>Room Number</b> G.4505  <b>Room Name</b> Staff Room	Room ID - Staff		1
ID6B-GH-LG-423	<b>Pictogram</b> 	Goal ID - Base Building Projecting		1
R10A-GH-LG-424	<b>Room Number</b> G.4518  <b>Room Name</b> Washroom  <b>Pictogram</b> 	Washroom ID		1

## SATELLITE DI RENO SIGNAGE

### Message Schedule

Sign ID	Message	Description	Details	Qty
R10A-GH-LG-425	<b>Room Number</b> G.4503  <b>Room Name</b> Washroom  <b>Pictogram</b> 	Washroom ID		1
R4-GH-LG-426	<b>Room Number</b> G.4502  <b>Room Name</b> Ultrasound	Room ID - Staff		1
R1-GH-LG-427	<b>Room Number</b> G.4504  <b>Room Name</b> Ultrasound	Room ID - Primary		1
CS-GH-LG-428	<b>Message</b> CAUTION X-RAY ATTENTION RAYONS-X Unauthorized Entry Prohibited	Misc - Wall Mount - Medium		1
R4-GH-LG-438	<b>Room Number</b> G.5422  <b>Room Name</b> Authorized Staff Only	Room ID - Staff		1
R4-GH-LG-439	<b>Room Number</b> G6-17  <b>Room Name</b> Authorized Personnel Only	Room ID - Staff		1
CS-GH-LG-440	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1
CS-GH-LG-441	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1
CS-GH-LG-442	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1

Sign ID	Message	Description	Details	Qty
CS-GH-LG-443	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1
CS-GH-LG-444	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1
CS-GH-LG-445	<b>Message</b> Attention: Please inform your technologist if you are pregnant, or think you may be.	Misc - Wall Mount - Medium		1
DIC-GH-LG-390 (cloned)	<b>Message</b> ^ (Changeroom pictogram) Changeroom ^ Exit to Surgical Specialty Clinics  < Exit to Emergency (Returning Emergency patients only)	Directional - Wall Mount - Small		1
Subtotal:				31

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# Scarborough Health Network

## Appendix B: Interior Signage & Wayfinding Construction Documents

**CYGNUS DESIGN GROUP**  
303 – 145 Front Street E, Toronto, ON M5A 1E3

**DATE**  
April 3, 2025



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### APPENDIX A – EXTERIOR SIGNAGE & WAYFINDING CONSTRUCTION DOCUMENTS

See document for all exterior sign types and graphic standards

# Section 1:

## Instructions to Sign Contractor



# INSTRUCTIONS TO SIGN CONTRACTOR

## Construction Terms & Specifications

### 1.0 TERMS & DESCRIPTIONS

The Project: SHN Signage & Wayfinding

The Client: Scarborough Health Network

The Consultant: Cygnus Design Group, Inc

### 2.0 ACKNOWLEDGMENT

The accompanying drawings and specifications describe the requirements and the design intent for the Project outlined herein. By engaging in the Project, the Sign Contractor acknowledges that they have read and understood the specifications outlined and will comply accordingly. The Sign Contractor will inform the Consultant and the Client of any discrepancies or questions with the specifications prior to commencing with construction of signs and graphics.

### 3.0 SCOPE OF WORK FOR BIDDING

The Client is looking for a fixed unit price, for the work identified in the drawing package. The Sign Contractor should base their total price on the supplied drawings. The tender price is to cover all related work, including:

- Survey of site conditions;
- Careful coordination and placement of digital files and layouts;
- Typesetting of all sign messages for all locations;
- Supply of shop drawings, colour and finish samples, full size mock-ups and proofs for approval by the Consultant and the Client. Sign fabrication and finishes must match similar signage on-site as closely as possible;
- Design and engineering of signs and their attachment to existing surfaces;
- Construction and installation of signs and graphics, including any lifts or equipment required to complete the installation;
- Coordination of installation with the Consultant, the Client, and the Client's other consultants;
- Removal of existing signage and repair of walls and other substrates;
- Supply and installation of temporary signage between removal of existing signage and installation of permanent signage;
- Sign and electrical permits. Include for traffic control and lane closures if required;
- Connection to existing power;
- Provision of proof of liability insurance;
- Provision of regional work safety certification requirements (ex: Worksafe)

### 4.0 PROCESS

Prior to proceeding with the construction of signs and graphics, the Sign Contractor agrees to complete these steps in the listed order:

#### 4.1 TENDER REVIEW

The Sign Contractor will review and verify all documentation provided in this package and additional accompanying packages supplied by the Consultant. By submitting a cost estimate, the Sign Contractor verifies the accuracy and thoroughness of their review.

#### 4.2 SHN TRAINING

The Sign Contractor will undergo safety and IPC training facilitated by SHN prior to engaging with the site.

#### 4.3 SITE EXAMINATION

Prior to engaging in the Project, the Sign Contractor agrees to perform a comprehensive site visit to examine all conditions and confirm sign sizes, materials, material colours, and mounting techniques depicted in this

and/or the design package are appropriate before manufacture. The Sign Contractor will provide immediate written acknowledgment to the Consultant of any conflicts noted during the site visit and will, following written acknowledgment, be responsible for changes to the proposed signage and graphics to accommodate site conditions.

#### 4.4 LOCATIONS & MESSAGE SCHEDULES

The Sign Contractor will review all locations and message schedules supplied by the Client in detail prior to commencing construction of signs and graphics. Any discrepancies in the location or messaging will be immediately noted to the Client prior to commencing construction. When directed by the Client, the Sign Contractor is to develop location plans and message schedules specific to the project.

#### 4.5 PRODUCT DATA

The Sign Contractor will provide manufacturer's catalogue sheets, brochures, literature, performance charts and diagrams for any materials and products used.

#### 4.6 GRAPHICS LAYOUT

The Sign Contractor will provide all typesetting not provided as supplied artwork that is required for the manufacture of finished signs. The Sign Contractor must provide PDF proofs of typical sign messages at no less than 1:10 scale. Proofs shall be submitted to the Client for review prior to fabrication. The Sign Contractor is responsible for (at minimum):

- Typesetting all sign locations, including braille;
- Any changes to match actual site measurements;
- Any changes requested by the Client post-tender;
- Rotation of maps and map content to match viewer's orientation;

#### 4.7 SHOP DRAWINGS

The drawings in this document are issued for tender only and are not for construction. The Sign Contractor must provide shop drawings for all manufactured items and graphic layouts for review and approval prior to commencing construction. Shop drawings must match similar signage already implemented on-site as closely as possible, and graphic layouts for environmental graphics and dimensional and/or vinyl signage should reflect site context where applicable including any dimensions and potential obstacles. Adjustments made to shop drawings by the Consultant are not intended to change the contract price. If adjustments affect the value of work, a written request should be issued to the Client prior to proceeding with construction of signs and graphics. Any deviations in the shop drawings to the specifications provided herein should be highlighted and clearly acknowledged by The Sign Contractor.

The Sign Contractor shall show complete details of the construction of all graphics or sign types in this package, including the sign construction, complete assembly, materials, anchoring, descriptions, finishing, and graphics portions of each sign. Shop drawings should be prepared at no less than 1:10 scale. Shop drawings for graphics to be produced using Adobe Illustrator. AutoCad shop drawings for graphics are not acceptable. AutoCad shop drawings for signage structure and fabrication are acceptable. Use metric or dual dimensions throughout. Clearly identify all shop drawings by title and number in reference to the respective drawings provided herein.

#### 4.8 FINISH SAMPLES

The Sign Contractor is to submit finish samples (three sets) to the Client for review. Samples should be 100 × 100mm minimum on specified substrates, unless otherwise noted within this package. Samples should be labeled to clearly indicate origin and intended use in the work. Samples will be delivered prepaid to Client and

Consultant's business address. Samples will be provided for all finishes and colours (including paint 'draw downs') for review and approval prior to construction of signs and graphics. Samples of environmental graphic should be provided as cropped portions of the artwork at full scale.

#### 4.9 MOCK-UPS

Mock-ups for sign types requested in this package will be provided for review. Fabricated mock-ups should be complete with all fastenings, accessories, lettering, and symbols to fully indicate the quality of finishes, materials, fabrication, graphics, and workmanship for the project. Mock-ups may be used as part of the overall delivery of signage inventory if approved by the Client. Mock-ups must be submitted at 1:1 scale.

#### 4.10 REVIEW & ACKNOWLEDGMENT

The following reviews and acknowledgments must be provided by the Client to the Sign Contractor prior to the Sign Contractor commencing construction of any signs or graphics. Client to review for conformance to design. The Sign Contractor retains responsibility for completeness and correctness of shop drawings, samples, and mock-ups.

- Review and acknowledgement of Sign Contractor supplied shop drawings;
- Review and acknowledgement of Sign Contractor supplied samples;
- Review and acknowledgement of Sign Contractor supplied mock-ups.

Failure of on-site work to match approved samples will be cause for rejection of work. The Sign Contractor will be required to expedite replacement of all rejected work and make good in compliance with the Client's approved signage installation schedule at no additional cost to the Client.

### 5.0 FABRICATION

The Sign Contractor agrees to fabricate sign assemblies according to drawing requirements, shop drawings, and to match approved mock-ups. All fabrication and welding shall be to CSA standards and as detailed. Edges of all substrates shall be eased to remove imperfections and prevent sharp edges. All sheet metal components shall be made in shop, power brake formed with clean sharp bends and even square corners. All joints, corners, miters, etc, shall be accurately machined, filed and fitted, and rigidly framed together at joints and contact points. Concealed fasteners should be used whenever possible. All aluminum work shall be performed to the standards and details of the American Architectural Manufacturer's Association (AAMA). Isolate all metals from dissimilar metals and use stainless steel fasteners to ensure there are no galvanic reactions. All painted products to be factory finished. All graphics to be factory finished. All graphics will be shop applied to all applicable sign types including finished, standard sign system blanks.

### 6.0 SITE PREPARATION & INSTALLATION

#### 6.1 VERIFICATION

The Sign Contractor is required to verify exact location and orientation of signs and graphics on site with the Client's representative present prior to installation. The Sign Contractor will mark and record specific locations of all sign installations to be installed at a later date.

Prior to installation, the Sign Contractor's installer will inspect the quality of each component and the conditions on which the components are to be installed. The Sign Contractor will notify the Client of any defects prior to installation. Installation of signs or graphics will be viewed as confirmation by the Sign Contractor that signs, graphics, and surrounding conditions match shop drawings and are of a suitable quality.

#### 6.2 REMOVAL OF EXISTING SIGNS

The Sign Contractor is responsible for removal or repair of all existing signs or portions of signs required for

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# INSTRUCTIONS TO SIGN CONTRACTOR

## Construction Terms & Specifications

the installation of new signs identified in this package, and as directed by the Client. The Sign Contractor agrees to make good any surfaces damaged in the removal, including patching and painting of walls. Temporary signs required between removal of existing signs and installation of new are to be supplied at the Sign Contractor's expense. Temporary signs shall be visually the same as the permanent signs, but may be printed on bond paper.

### 6.3 INSTALLATION

The Sign Contractor is obligated to install signs and graphics plumb, square, free from warp, and straight to correct orientation in accordance with pre-approved shop drawings and recommendations of component manufacturer. The Sign Contractor will secure all work adequately and accurately to structure with concealed non-corrosive fastenings, using backing, or anchor straps as required, or welded. All signs shall be installed using anchors appropriate for site conditions and as detailed on the reviewed shop drawings. Review of actual site conditions is the Sign Contractor's expense. Final location of all anchors in ceiling and structural members shall be reviewed and approved by the Client prior to drilling and installing any anchors. When signs are to be mounted against glazing, the Sign Contractor will first install cut vinyl film backing matching the shape and colour of the sign.

The Sign Contractor will inspect all sign locations during construction to ensure all blocking and anchors required for fastening and mounting of signs have been correctly installed. The Sign Contractor will verify that substrates are stable and capable of supporting the weight of items covered under this section.

### **7.0 POST-INSTALLATION**

#### 7.1 SITE CONDITIONS

The Sign Contractor is responsible to leave the site in a clean condition with any debris leftover from signage construction and installation removed. Where remediation to preexisting conditions is required after installation the Sign Contractor will coordinate with the Client to ensure that materials and methods used align with the standards established elsewhere.

#### 7.2 DEFICIENCY REVIEW

Following installation, the Client will perform a site visit to document deficiencies with the work installed and will submit a list of deficiencies to the Sign Contractor. The Sign Contractor will be responsible for removal and replacement of defective and non-conforming work.

#### 7.3 MANUALS & DOCUMENTATION

Upon completion of the Project, the Sign Contractor will provide the Client with operations and maintenance information, including manuals for all signs, and manuals for operation of any LED, lighting, and computer-controlled equipment in hard-copy or digital formats as applicable. The Sign Contractor will also provide as-constructed fabrication drawings (updated shop drawings) of all manufactured items showing complete assemblies, colour, and finishing details.

### **8.0 CONTRACTOR GENERAL RESPONSIBILITIES**

#### 8.1 TYPESETTING AND PRODUCTION-READY GRAPHICS

The Sign Contractor will be responsible for typesetting all electronic artwork according to the Construction Drawings and Message Schedule. Fonts will not be supplied, but may be purchased from their respective license holders.

#### 8.2 PERMITS & SIGNAGE BYLAWS

The Sign Contractor is responsible to ensure proposed designs adhere to regional signage bylaws prior to proceeding with construction of signs and graphics. The Sign Contractor will provide written acknowledgment

to the Client of any aspects that do not adhere to regional bylaws and recommend a variance be requested or revisions be made to the design supplied.

#### 8.3 ENGINEERING

The Sign Contractor is responsible for structural and electrical engineering including a professional engineering stamp required for the province or territory ensuring structural integrity. All fastening systems and fasteners shall be designed and engineered to meet all building code requirements, including but not limited to seismic and 1:50 climatic loads with appropriate safety factors if required. Supports, anchors and attachment hardware to be designed to 4x static load. Components over 1.5m tall or weighing over 50 kg shall be reviewed by a structural engineer with the final approved shop drawings stamped and provided to the Client. The Sign Contractor shall coordinate with the Client to obtain the most current Geo-technical reports available (if any) and undertake to prepare identified unit locations as specified therein.

#### 8.4 SUBCONTRACTORS

Only subcontractors approved by the Client are permitted to work on this Project.

#### 8.5 ADMINISTRATIVE REQUIREMENTS

The Sign Contractor will coordinate all construction activities as required to ensure efficient and orderly installation of each part of the work and as follows:

Where installation of one part of the work is dependent on installation of other components, either before or after its own installation schedule, coordinate construction activities in the sequence required to obtain the best results. Where availability of space is limited, coordinate installation of different components to assure maximum accessibility for required maintenance, service & repair. Make adequate provisions to accommodate items scheduled for later installation by the Client's own forces.

### **9.0 QUALITY ASSURANCE**

Qualifications may be requested by the Client. If requested by the Client, the Sign Contractor will provide access to the manufacturing site to inspect all processes and methods employed in the construction and assembly of signs and graphics. The Client has the right to reject any and all components that in their opinion are not in strict conformance with the contract documents, reviewed shop drawings, approved mock-ups and samples.

#### 9.1 DELIVERY, STORAGE AND HANDLING

The Sign Contractor agrees to handle products in accordance with manufacturer's instructions; store in manufacturer's original packaging until ready for installation, and protect from impacts and abrasion during storage.

#### 9.2 QUALITY OF MATERIALS, FINISHES & INSTALLATION

Materials and finishes must be selected to be durable and meet regular commercial cleaning requirements. The quality of fit, finish, and mounting must stand up to a busy, high-use environment. All materials should be chosen to ensure integrity of signs and graphics for a minimum of ten years. Materials and products must have been successfully implemented in at least three major facilities in Canada. Documentation including photographs, technical specifications and owner contact information for previous installations must be provided upon request.

#### 9.3 LETTERS, NUMBERS, SYMBOLS

All letters, numbers, symbols and other graphic devices on sign and graphic faces indicated on the drawings to be precisely formed, incised forms with no flaws, burrs or cross cuts and ready for prime and finish as

specified in the contract drawings. Corners of stencils and letters must be precise to electronic artwork within tolerance of 0.5mm or will be rejected. Router-cut letters may be rejected if not precise.

Only artwork supplied by the Client may be used on the project unless otherwise approved by the Client. The Sign Contractor is responsible for all computer platform conversions.

#### 9.4 COLOURS

Colours are as noted on the drawings provided herein. Each colour used, regardless of medium, method of application, material or fabrication / manufacturing techniques shall match exactly throughout the project.

#### 9.5 REPRODUCTION METHODS

All water jet cut and laser cut letters, numbers, symbols and other graphics on sign faces indicated on the drawings to be precisely formed incised or dimensional profile cut copy, with no flaws, burrs or cross cuts and ready for prime and paint finish or final aluminum finishing as noted in the drawings. Routed letterforms with rounded corners or rounded interior counter profiles are not acceptable. All lettering and symbols must match the profile of the supplied artwork.

Digital print graphics should be produced to a minimum 300 dpi resolution for raster graphics. Printed materials must be prepared to the manufacturers specifications for opaque application and adhesion to sign blanks or site conditions.

#### 9.6 VINYL

Vinyl printed with digital graphics must be laminated with UV & water resistant, matte protective laminate. Vinyl must have an aggressive adhesive to withstand UV, temperature and moisture conditions. Large vinyl and applications using tiling shall have seamless clean joints. Joints should not cut through text or other delicate graphics. Vinyl should be specified as premium cast 2-mil pressure sensitive film prepared and applied to the manufacturer's specifications for high tac adhesion in interior conditions and exterior low temperature conditions to painted surfaces and glazing. Vinyl sheeting shall be matte finish with matte clear coat to comply with ADA standards. Glossy self-adhesive films will not be accepted. Vinyl sheeting shall be defect free and finished graphics shall be bubble and wrinkle free. Finished graphics shall resist casual removal or tampering. Use automated cutting or processing systems; photo-mechanical (pantograph-guided router with rigid masters) or computer-driven blade. Hand cut vinyl graphics will not be accepted. All work to be even, straight, and true.

#### 9.7 TACTILE GRAPHICS & TEXT

All tactile text and graphics must be raised 1 mm complete with colour as specified on the drawings. Braille must be raised 1 mm, Grade 1, and match the colour as specified on the drawing of the sign.

#### 9.8 FONTS

Match typeface selection exactly with that specified. The fonts used should be "OpenType" (OTF) format for Macintosh and/or DOS/Windows platforms. No substitute fonts are to be used. Fonts will not be supplied, but may be purchased from their respective license holders. Samples or mock-ups produced using a substitute font will be rejected.

#### 9.9 SUBSTRATES

All acrylic and metal substrates shall match the drawings specified by the Client. The Sign Contractor shall seek a review and approval from the Client if recommending alternative manufacturer or fabrication methods. All aluminum sheets shall be of suitable alloy and temper for use noted on the drawings. All exposed surfaces, including edges, shall be painted with finish as noted. Unpainted aluminum to be clear anodized finish Material and finishes are to be free of all defects.



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## INSTRUCTIONS TO SIGN CONTRACTOR

### Construction Terms & Specifications

Exposed edges and corners to be eased or lightly beveled so they are not sharp to touch. Cut panels to be free of scratches or imperfections. Premium pressure sensitive film to be prepared and applied to the manufacturer's specifications for high tack adhesion.

#### 9.10 FASTENERS

All fasteners shall be stainless steel, unless otherwise noted, and selected for each application separately. All bolts shall have lock washers or nuts with integral anti-loosening feature. Screws shall be self-drilling, self-tapping, head configuration to suit application.

#### 9.11 FINISHES

All paint products shall be from one manufacturer. Colours are as noted on the drawings. Each colour used, regardless of medium, method of application or material or fabrication /manufacturing techniques shall match exactly throughout. Where products or colour matching systems are proposed other than those specified in this document, samples and data sheets must be provided to the Client for approval. The Sign Contractor is responsible to comply with manufacturer's installation instructions, including substrate preparation, coating thickness, and curing time between coats. Paint to be spray applied finish to ensure even texture. Finishes to aluminum faces should applied in 2-part polyurethane paint system. Spray apply finish to ensure even texture.

The Sign Contractor will provide finishes of opaque sign panel substrates, printed and vinyl graphics (gloss levels) meeting requirements of eggshell, matte or other non-glare finish between 11 and 19 degrees on a 60 degree gloss meter for the following finishes: Eggshell and velvet finish paints and matte finish inks, and other non-glossy self adhesive vinyl film. Unacceptable finishes include gloss or semi-gloss finish paints and inks unless otherwise specified on the drawings

Test all sign finishes using actual production samples using sign manufacturer's own glossimeter to verify compliance with gloss level requirements. The Client may witness tests and the Sign Contractor will provide complete written test results when requested.

#### 9.12 SEALANT

Base building sealants are to be used. The Sign Contractor should coordinate with Client and / or site General Contractor. Sealant selection shall be as specified for base building applications.

#### 10.0 WARRANTY

All items shall be guaranteed by the Sign Contractor for a minimum period of one (1) year from installation against any defects in the design, materials, finish, function and workmanship, and that any defects will be made good by the Sign Contractor at no additional cost to the Client.

#### 11.0 COPYRIGHT

The Client retains the copyright for electronic drawing files made available to the Sign Contractor. Use of the supplied electronic drawing files for any subsequent project is strictly forbidden without the express written consent of the Client. Any use by the Sign Contractor of Client supplied drawings, images, or photographs of the resulting work after installation, including photographs published to the Sign Contractor's website or publications shall clearly label "The Cygnus Design Group, Inc." as the design consultant.

#### 12.0 PAYMENT

The Sign Contractor will enter into a direct supply and installation agreement with the Client. Invoices will be submitted and processed in accordance with the Client's standard terms and conditions for payment.

## Samples and Prototypes

#### Instruction

The Sign Contractor is responsible for the production, labeling, and delivery of the material and sign samples outlined on this page. Please allow for one full set as described in this page, plus for 2–3 revised sets should changes be requested. Please submit a copy of each set of samples to:

#### SHN

Contact(s) and address(es) TBC post-award.

#### The Cygnus Design Group

Contact(s) and address(es) TBC post-award.

#### Notes:

- This sample list is intended to show the full range of fabrication techniques specified throughout this package. Sample requests will be reviewed for applicability to scope and confirmed for each new implementation project. Vendors should assume similar quantity to the representative list.
- Sign contractor is responsible for coordinating delivery of samples, and retrieval should they be approved to be installed as final product.

#### Finish Samples

Provide finish samples for each colour on each of the project's substrates (e.g. acrylic, painted aluminum, digital print, vinyl, etc) to Client and Consultant. It is important that all colours—including whites—match across the different substrates.

#### Detailed photos

Please provide several high-resolution photos of each face, corner, and edge of each sign and their respective frame system, with and without the PVC panels inserted. Photos are to be emailed to the Client and Consultant for their review. If approved, these may be installed as final product.

- **D1B:** Frame and PVC print
- **D2C:** Frame and PVC print
- **ID6B:** Frame and PVC print

#### Full-scale Samples:

Supply copies of these sign types to Client and Consultant. Consultant copy will be retained while Client copy may be installed as final product, if approved.

- **C5**
- **DR3A** (sintra panel with map artwork only)
- **EG3A** (1x 600x900mm 1:1 scale section of the print that includes text and gradient line, and also provide one big dimensional letter 's' and one small 'e', painted)
- **EG3C**
- **C9A**
- **R1**
- **R6**
- **R9B**
- **R11**

#### Prototypes

1 copy of each of the below listed to be sent to SHN only. If approved, these may be installed as final product.

- **ID2C:** Provide 1x at full-scale.
- **ID6B:** Provide 1x at full-scale.



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# Section 2: Strategy



## STRATEGY

# Signage & Wayfinding Strategy

### Overview

The guidance provided in this document can be used to plan signage for renovations or new SHN facilities. However, the SHN signage system has been designed as part of an overall wayfinding strategy, and signage should not be considered in isolation. Please refer to the SHN Wayfinding Masterplan to review other wayfinding elements, including digital technologies, patient hand-outs, and other techniques.

### General Strategy

The SHN signage system is based on the following principles:

1. Patient and visitor information and clarity is prioritized over staff information.
2. Information is presented following the principles of progressive disclosure. Not all information can be shown on every sign.
3. All signs are to conform to AODA requirements.
4. Signs are to conform to CSA Wayfinding for Healthcare requirements wherever possible, with AODA taking precedence should there be any discrepancies between the two documents.
5. Barrier-free and accessible routes of travel are to be highlighted.

### Pictograms

- Pictograms are always to be accompanied by text, except for firmly established practices, such as washrooms.
- Outpatient areas are to be represented by a unique pictogram. Exceptions are made for destinations falling within a larger unit (sub-destinations). For example an outpatient clinic accessed after checking in at an Inpatient care station may be indicated by text alone.
- Inpatient units are identified consistently by the same pictogram.
- Additional pictograms may be developed over time, but should conform to the visual language established in this document.

### Nomenclature

- Destination names have been selected with patient understanding in mind, avoiding technical nomenclature wherever possible.
- New destination names should be applied consistently across all SHN sites so that the same—or similar—service is referred to by the same name no matter which facility is visited.
- Where possible, buildings shall be named according to cardinal directions.
- Major public entrances may also relate to cardinal directions, even when it is not reflected in the name of the building. If the entrance names does differ from that of the building name (e.g South entrance at the Margaret Birch Wing), ensure the building name is shown where applicable in signage
- Elevators should always relate to the building name they can be found in, providing there is only one elevator core per building.
- Parking facilities should relate to cardinal direction or building name, where the site layout permits. 'Visitor Parking' may be used if there is only one public lot, but should change to distinguish from a second lot, should one open up.

### Large Facilities

Large facilities are to follow zoning protocols based on buildings. For large facilities, visitors interact with signage in a series of steps with information becoming more specific as they near their destination.

1. Determining name, building, and floor of desired location.
2. Understanding their current location.
3. Following signage to the correct building.
4. Navigating to the correct floor using elevators or stairs.
5. Following signage that lists individual destinations.
6. Units and amenities are only listed on signage within the correct building, and on the correct floor, for which they are located.
7. Sub-destinations and individual rooms are only listed on building directories, and on signage within their specific units.

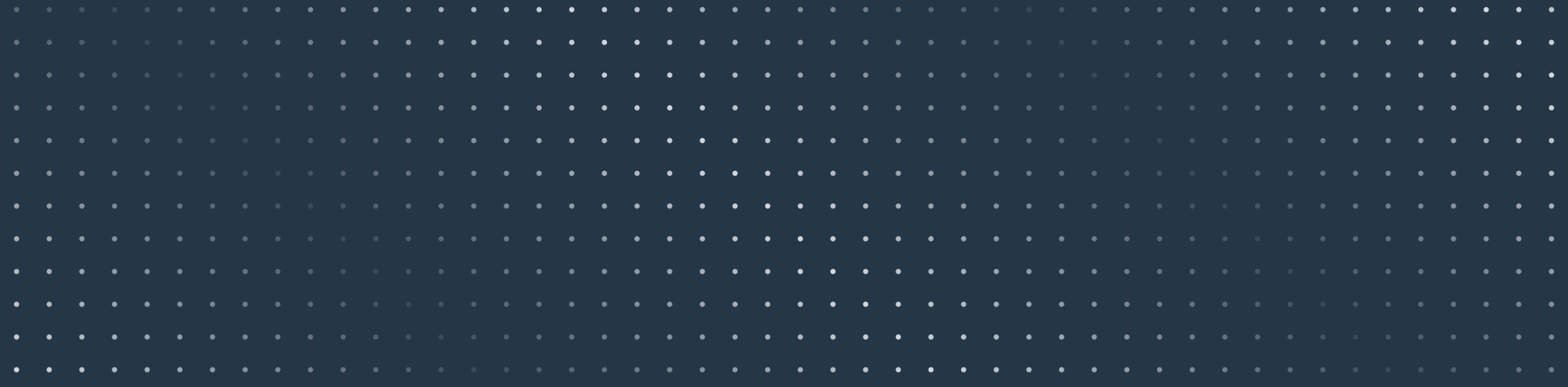
### Smaller Facilities

Smaller facilities may be divided into alphanumeric zones based on the architectural divides of the building, and integrating the floor number (e.g 4B to relate to floor 4, zone B). Zoning is not required on simple architectural layouts or extremely small layouts.

For smaller facilities, visitors interact with signage in a series of steps with information becoming more specific as they near their destination.

1. Determining name and floor of desired location.
2. Understanding their current location.
3. Navigating to the correct floor using elevators or stairs.
4. Following signage that lists individual destinations.
5. Units and amenities are only listed on signage within the correct building, and on the correct floor, on which they are located.
6. Sub-destinations and individual rooms are only listed on building directories, and on signage within their specific Unit.

# Section 3: Graphic Standards





**GRAPHIC STANDARDS**

**Sub-branded Logos**

**Centres of Excellence**

Sub-branded logos are connected to Centres of Excellence throughout SHN sites. The sub-branded logos come in both a horizontal and vertical format. See SHN Communications for more details on these logos.



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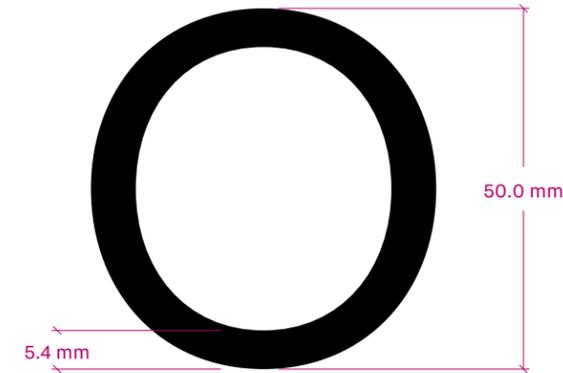
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PROXIMA NOVA – REGULAR, MEDIUM, BOLD:

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz 0123456789 .?!&

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz 0123456789 .?!&

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz 0123456789 .?!&



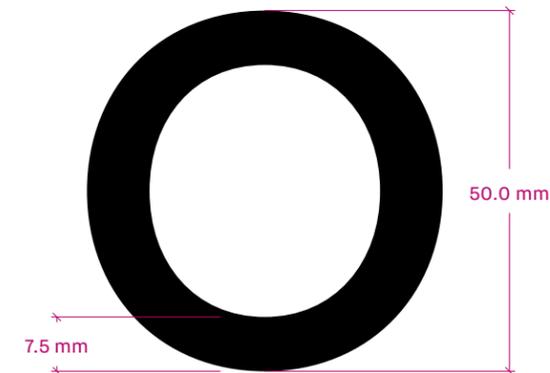
REGULAR

Ratio: 1:9.2



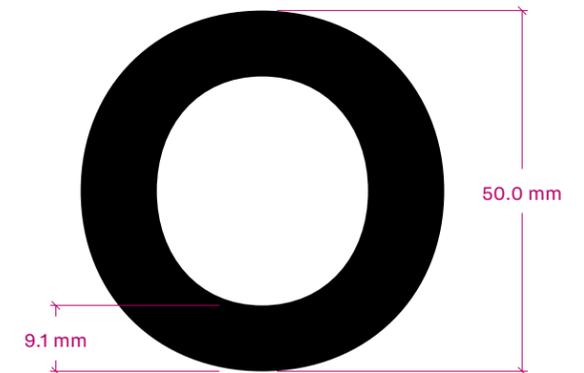
AODA Compliancy

To be AODA compliant, the stroke-width to character height ratio of a capital 'O' must be between 1:5 and 1:10. Only these three weights of the Proxima Nova font family are compliant. 'Light' and 'Extra-bold', and anything respectively thinner or thicker will be non-compliant and should be avoided.



MEDIUM

Ratio: 1:6.6



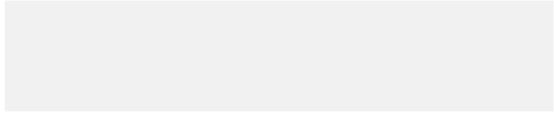
BOLD

Ratio: 1:5.4



**GRAPHIC STANDARDS**

**Colour**

				
<b>PANTONE</b>	PMS White	2756c	7465c	1225c
<b>CMYK</b>		100   99   23   15	64   -   35   -	9   25   80   -
<b>EXTERIOR PAINT</b>	MP03408 Fleet White (mtlc version)	MP10147 Impulse (mtlc version)	MP00426 Old San Juan Jade	MP03170 Trefoil Yellow
<b>INTERIOR PAINT</b>	Match to Pantone	MP10147 Impulse (or match PMS)	MP00426 Old San Juan Jade (or match PMS)	MP03170 Trefoil Yellow (or match to PMS)
<b>OPAQUE VINYL</b>	3M Matte White 220-20	3M Gerber HP Royal Blue (220-87)	3M Gerber HP Dark Aqua (220-307)	3M Gerber HP Sunflower (220, 225-25)
<b>REFLECTIVE VINYL</b>	Reflective White, Engineer Grade			
<b>NOTES</b>	1. "White"	2. "SHN Blue"	3. "SHN Teal"	4. "SHN Yellow"

				
<b>PANTONE</b>	2346c	186c	7540c	7739c
<b>CMYK</b>	-   78   52   -	Match to Pantone	Match to Pantone	Match to Pantone
<b>EXTERIOR PAINT</b>	MP00859 Coral Necklace	MP10256 Esprit Red	MP19844 Dauphin Gray Metallic	MP13427 Anole Green
<b>INTERIOR PAINT</b>	MP00859 Coral Necklace (or match PMS)	MP12602 Esprit Red	MP19844 Dauphin Gray Mtlc (non-mtlc version)	MP13427 Anole Green
<b>OPAQUE VINYL</b>	Match to PMS	3M Gerber HP Perfect Match Red (220-263)	3M Gerber HP Dark Gray (220-41)	Oracal Series 951 Light Green (062)
<b>REFLECTIVE VINYL</b>				
<b>NOTES</b>	5. "SHN Coral"	6. "Emergency Red"	7. "Dark Cool Gray"	8. "Parking Green"



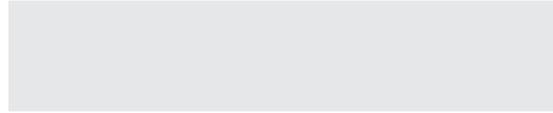
**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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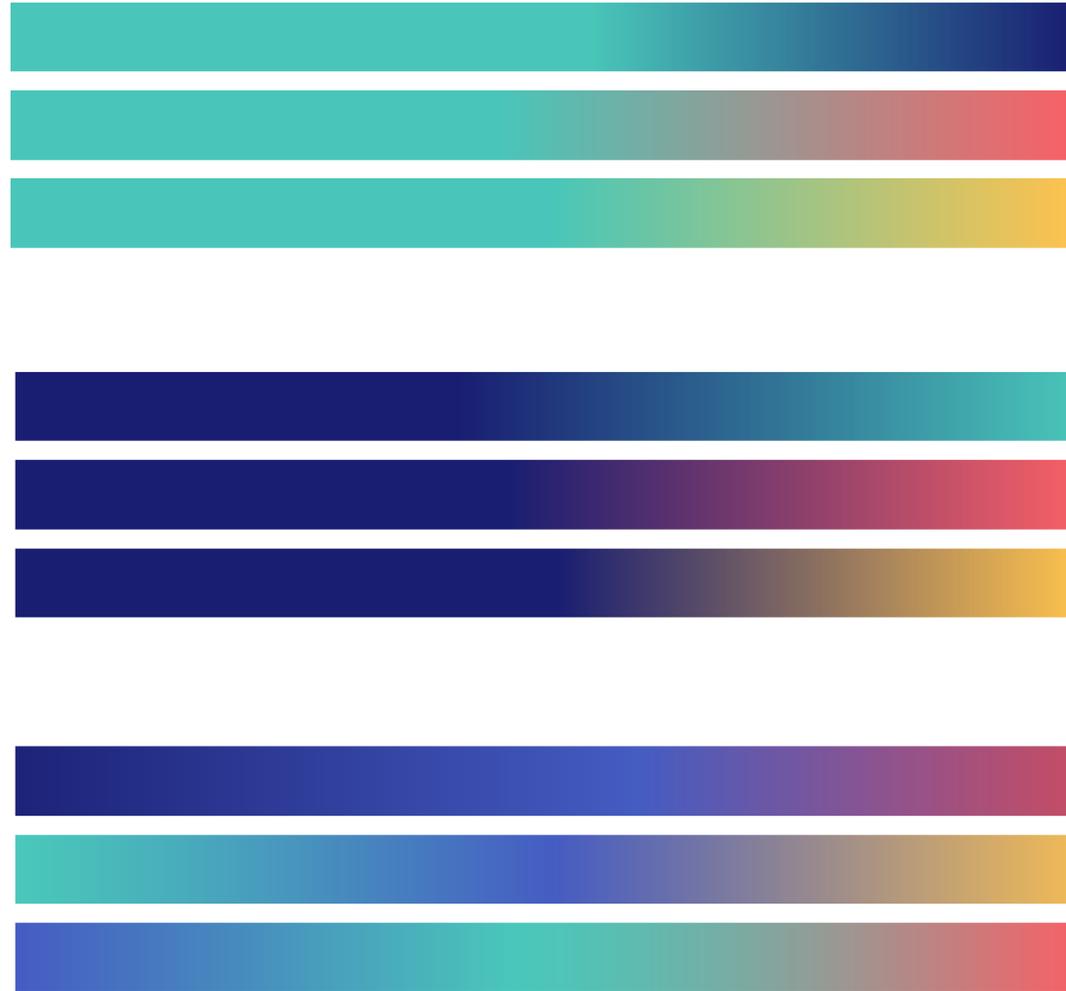
**GRAPHIC STANDARDS**

**Colour**



<b>PANTONE</b>	2390c		
<b>CMYK</b>		0   0   0   10	76   61   52   75
<b>EXTERIOR PAINT</b>	MP13912 Soda Can Blue		
<b>INTERIOR PAINT</b>	MP13912 Soda Can Blue		
<b>OPAQUE VINYL</b>	3M Gerber HP Sky Blue (220-417)		
<b>REFLECTIVE VINYL</b>			
<b>NOTES</b>	9. "Accessibility Blue"	10. "10% Gray" (Divider Lines on D1A, D1B, D1C)	11. "Darker Dark Cool Gray" (Divider lines on D3A, D3B)

GRADIENTS:



GRADIENT NEXUS:



**GRAPHIC STANDARDS**

**Pictograms – Arrows, Base-building, Regulatory**

**ARROWS**



**BASE BUILDING**



Washroom  
(Universal)



Washroom  
(Univ./Accessible)



Washroom  
(Female)



Washroom  
(Female/Accessible)



Washroom  
(Male)



Washroom  
(Male/Accessible)



Baby Change Table  
(Female)



Baby Change Table  
(Male)



Shower



Tub



Changeroom



Telephone



TTY



Hearing  
Assistance



Stairs



Elevator



Patient Registration  
Kiosk



Elevator  
(With Zoning)



Service Elevator



Service Elevator  
(With Zoning)



Information



Cafeteria /  
Food Court



Coffee Shop



Vending Machine



Gift Shop



ATM

**GRAPHIC STANDARDS**

**Pictograms – Regulatory, Other**

**REGULATORY, OTHER**



Parking



No Parking



No Smoking



No Vaping



No Scents



Latex Free Facility



Drop-Off



Parking Pay Machine



Accessible Parking



Do Not Enter



Electric Vehicle Charging



Parking Instruction (Ticket spitter)



Parking Instruction (Take ticket with you)



Stop Sign



Ambulance



Taxi



Bus



Bicycle



Wash Hands



Surveillance in Effect



Wear Mask



Danger: Radiation



Caution: X-Ray

**GRAPHIC STANDARDS**

**Pictograms – Zone, Level**

**ZONES – SHN GENERAL**



Emergency



East



West



Central



Tower



Crockford Wing



Medical Mall

**ZONES – SHN BIRCHMOUNT**



Emergency

**ZONES – SHN CENTENARY**



Emergency



Medical Mall



Margaret Birch Wing



Tower



South Elevators



Thomas J. Shoniker Building



Pathways

**FLOOR LEVELS**



Level (Typical)



Level (For sign-type S3B only)

**OTHER**



North Indicator (Maps Only)

**EMERGENCY SUB-ZONES**



PMS 7662c



PMS 7714c



PMS 2019c



PMS 2342c



PMS 575c



PMS 285c

**EMERGENCY PROCESS SEQUENCE**



**GRAPHIC STANDARDS**

**Pictograms – Clinics & Units**



Administration



Arrhythmia Clinic



Bone Mineral Densitometry



Breast Feeding Clinic / Room



Dialysis Access Clinic



Cancer Care and Hematology Clinic



Cardiac Diagnostics



Care Station



Cath Lab



Clinical Nutrition, Dietitian's Office



CT Scan



Day Therapy / Clinical Day Unit (CDU)



Diabetes Program



Diagnostic Imaging



Speech & Audiology



Endoscopy Clinic



Eye Centre



Family Birthing Centre



Fracture Clinic



Genetics Clinic



Gynecology



Hemodialysis



Home Dialysis



Immunizations



Intensive Care Unit (ICU)



(Inpatient) Units



Kids & Teens Care Clinic



Kids Care Clinic



Laboratory



Breast Clinic



Medicine Clinic



Child & Adolescent Mental Health Unit/ Outpatient Mental Health / Mood & Anxiety Clinic



Cardiovascular Rehabilitation



MRI



Multi-Care Kidney Clinic (MCKC)



Neonatal Intensive Care Unit (NICU)



Newborn Assessment Clinic / Women & Children's Clinic



Nuclear Medicine



Occupational Therapy



Patient Registration



Rehabilitation / Physiotherapy



Rehabilitation Gym



Same Day Surgery



Social Work (Rejected, do not use)



Cardiac Specialty Clinic



Speech Language Pathology



Stroke Centre



Senior's Care Clinic (Rejected, do not use)



Surgical Specialty Clinics / Minor OR Desk



Ultrasound



X-Ray



Pulmonary Function (PFT) Lab



Kids Surgical Consult Clinic



Interventional Radiology

**GRAPHIC STANDARDS**

**Pictograms – Services & Other Destinations**



Auditorium



Community Resource Centre /  
Library Information Services



Courtyard / Garden



Education Centre /  
Cardiovascular Education Theatre /  
Lecture Theatre



Educational Services



Health Records



Meeting  
Room



Offices



Patient  
Billing



Retail Pharmacy /  
SHN Outpatient Drug Store /  
Renal Pharmacy



Retail Stores



Security



Men's  
Staff Lockers



Women's  
Staff Lockers



Waiting Area /  
Emergency Lounge



Worship and  
Meditation Room



Volunteer  
Services



SHN Foundation

**IN CASE OF FUTURE NEED**



Alternative or  
Complementary  
Medicine



CAT Scan



Dental  
Clinic



Family Medicine



Hyperbaric  
Oxygen Therapy



Infectious Disease



Interpreter  
Services



Pathology



EEG Clinic /  
EMG Clinic

## GRAPHIC STANDARDS

### Using the Grid

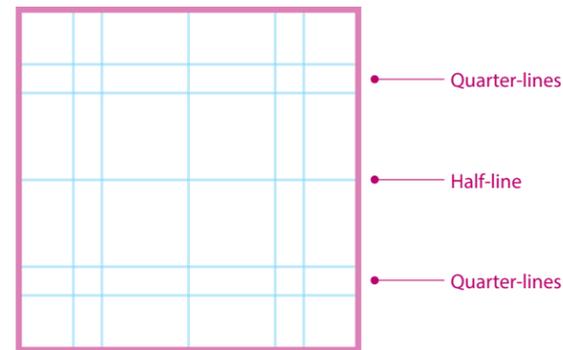
#### Grids

Signage at SHN has been designed using a grid system. The grid is used to define a signs' layout including its margins, text, and graphic content.

Certain sign types have been designed to be scaled up or down to suit architectural and interior design conditions. The detailed drawings throughout the document will explain when this is the case, and also the size of grids used for their typical designs. Text sizes should remain consistent whenever possible, and should always be evaluated for legibility based on sight lines, viewing distances, and other environmental factors unique to the intended location. The proportion of text to pictogram and arrow size per sign type must remain consistent regardless of the scale.

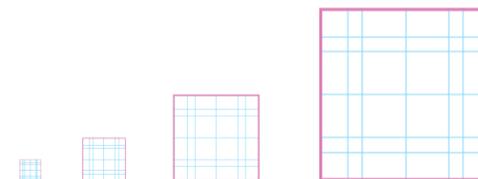
Though there may be instances where adjustments to layouts may become necessary, the grids used are shown to be followed as a guideline when laying out any custom or modified sign content.

If new sign types are required to meet future conditions, they should be designed using the same grid system and conform to the established visual standards.



#### The Grid Square

The grid is broken down into additional lines that may be used to help align sign content. Use the outer edges or the half-line wherever applicable, and only use the quarter-lines when the former doesn't work.



#### Grid Sizes

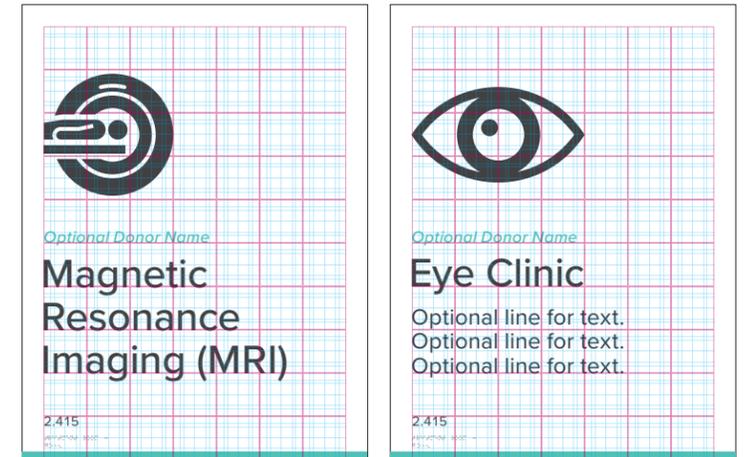
The grids used throughout this document are one of three sizes. The size used is noted on each sign details page where a grid is shown.

**30x30mm**  
Used in rare circumstances where the 60x60mm is too large, typically on very small signs or sign components.

**60x60mm**  
This is the most common and should be used by default.

**120x120mm**  
Used often on exterior signage, and some large interior signs.

**240x240mm**  
Used only for exceptionally large exterior signs.



#### Grid Example From ID1A

The grid is repeated in pattern, allowing a 50% grid margin from the sign edges. Some signs may benefit from a 100% grid-square margin.

Text, pictograms are then added in, each conforming to the grid-lines in their respective sizes and placement. Graphic components typically align to grid edges, favouring the outer extents of the grid square, or its half-line.

## GRAPHIC STANDARDS

### Maps

#### Overview

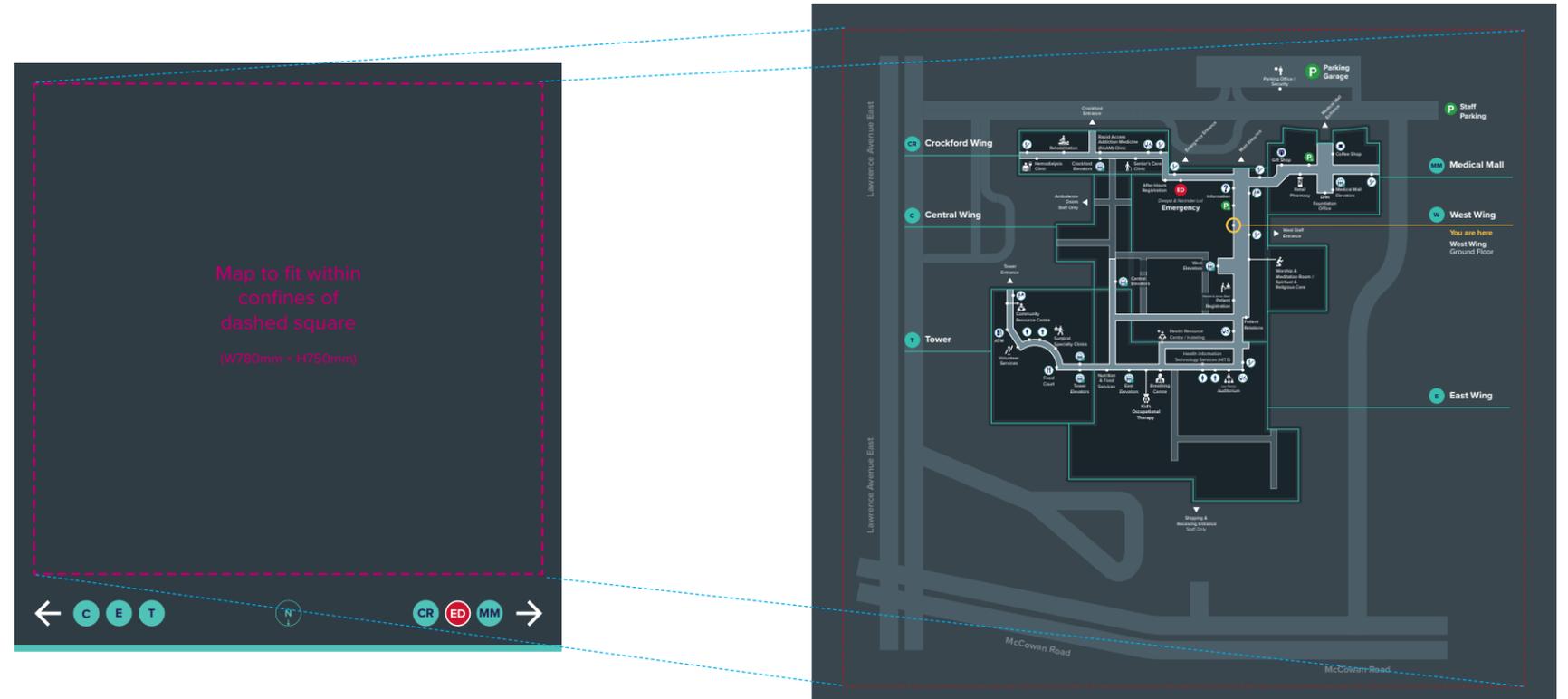
Maps are used to help orientate visitors to SHN facilities. Base maps have been developed representing the current conditions for the three SHN hospitals. These should be reviewed on a regular basis and updates made accordingly as units change names or locations.

Maps found on-site should match maps used in digital apps, the website, and patient handouts. Please see the SHN Wayfinding Masterplan for more detail.

#### Map Set-up

The Signage Contractor is responsible for taking the base map artwork and integrating it with the artwork of the intended sign type, editing as necessary. Edits include—and are not limited to—the ‘you are here’ indicator, the north indicator, edits to the names or locations of destinations, directions to other buildings, and rotating the map artwork and content to match the viewer’s orientation. Use the base maps provided as examples and as precedence for any future changes.

Editors of maps are to maintain the size of all map components as-is in the base artwork files, and rotations should include for all file layers. For no reason should text, pictograms, or other artwork components change in size or weight.



#### Map based sign-types

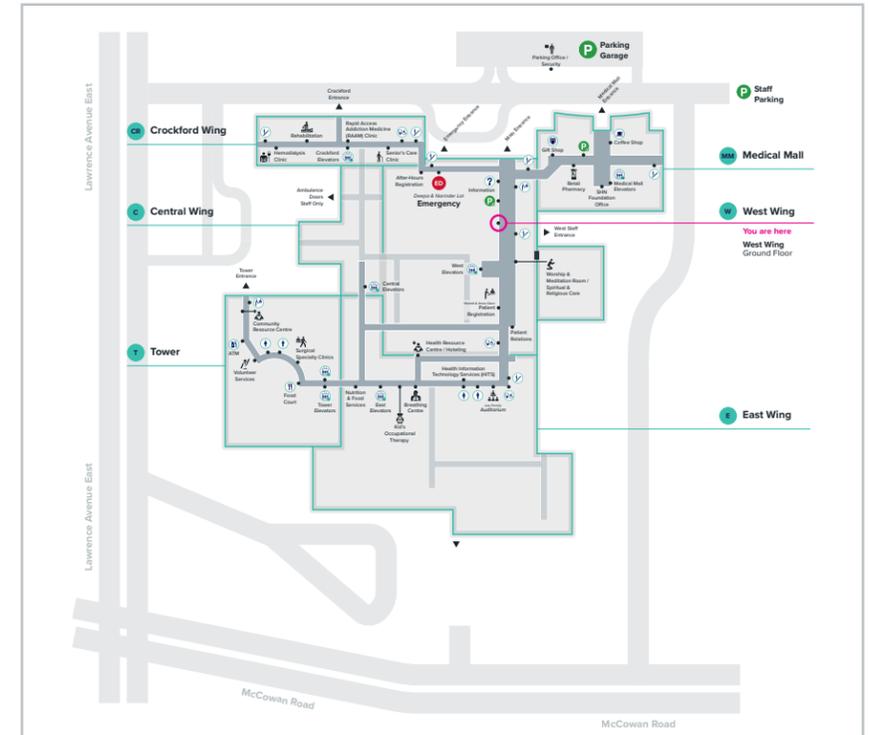
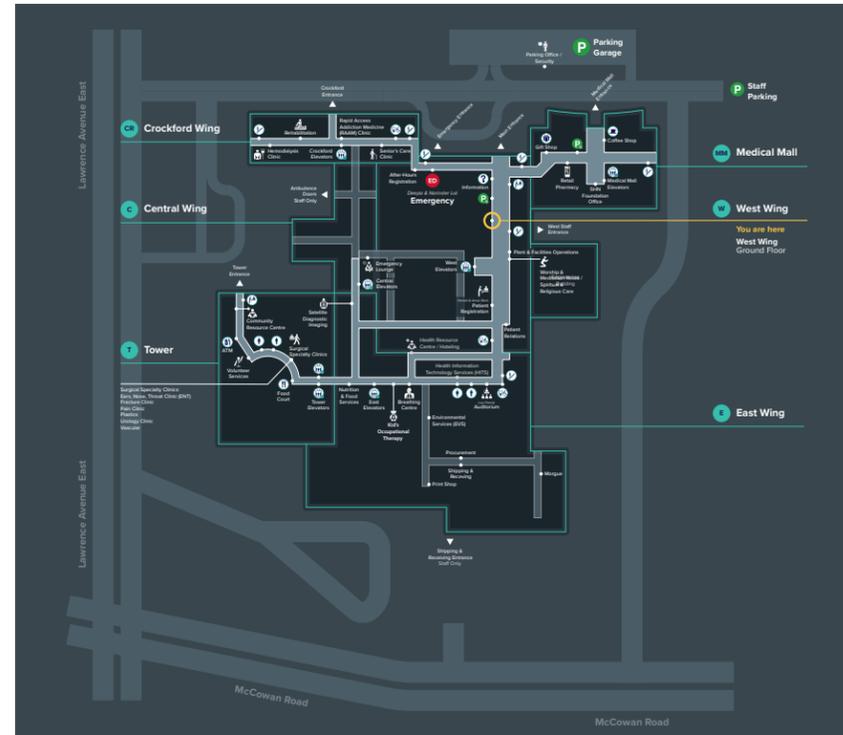
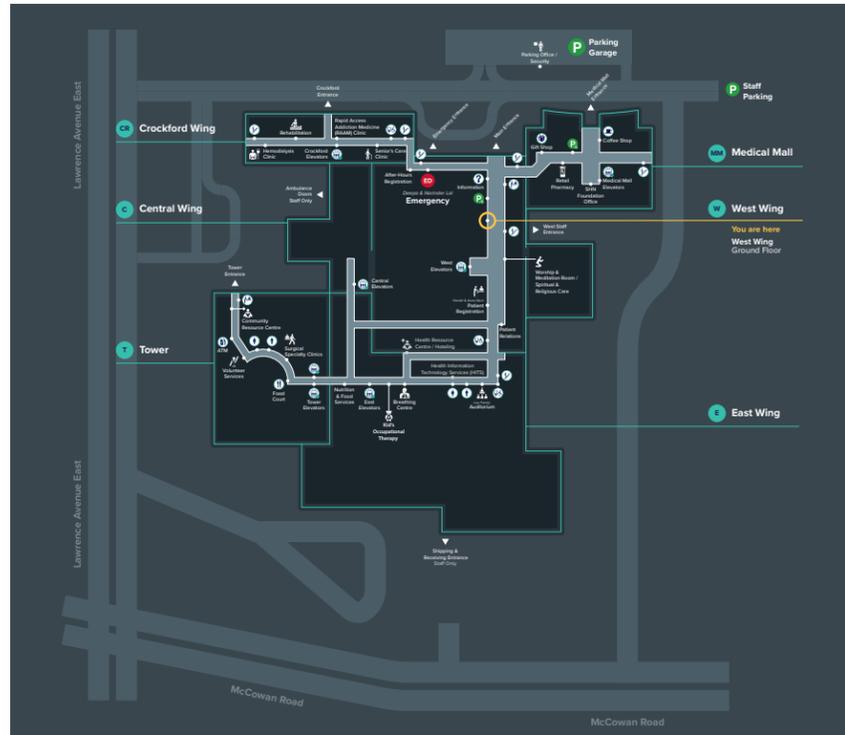
Sign types with maps throughout this document are shown with a dashed square to fit intended map artwork. The dashed square is the same size across all map based sign-types for consistency.

When artwork is edited and approved, it may then be outlined and fitted to the dashed line of the sign-type to be produced.

Note: Do not print dashed lines from artwork files.

# GRAPHIC STANDARDS

## Maps



### Public Maps

Maps posted for public view, such as those included on signs in major corridors, should contain:

- building names and entrances.
- publicly accessible corridors.
- all public accessible amenities.
- all public elevators and stairwells.
- all public clinical destinations.
- staff destinations with a high volume of visitors from off-site.
- overview of surrounding site for levels with exterior access.
- a north indicator.

Maps posted for public view, such as those included on signs in major corridors, should NOT contain:

- sub-destinations accessed within a unit.
- staff only destinations that do not receive visitors.
- secondary corridors within clinical units.
- areas with restricted access.
- individual rooms.

### Staff Maps

Maps posted for staff view should contain:

- all information included on the public map.
- staff only destinations that do not receive visitors.
- secondary corridors within clinical units.
- Service elevators and staff accessible stairwells.

### Other Maps

Maps may be modified or created for a specific purpose as needed with information filtered to include only relevant information. For example, a map may be developed for Diagnostic Imaging patients showing the location of sub-destinations or modalities within the unit. In this instance, information for other units may be removed.

Maps used for physical patient handouts may be modified to a light background with a dark foreground as in the example above. Regardless the modification, all text and pictograms should always have a minimum of 70% contrast to their background.

## GRAPHIC STANDARDS

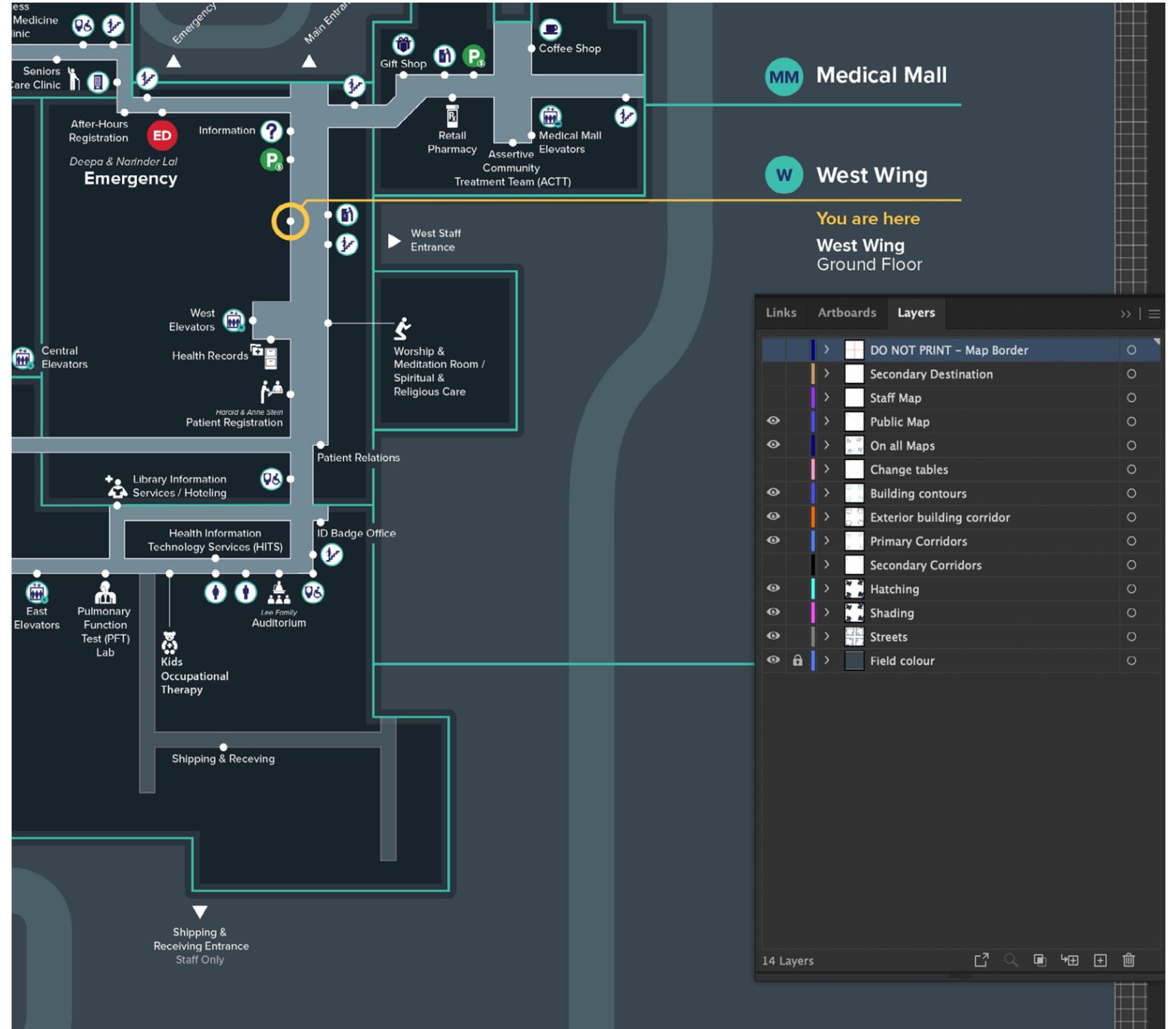
### Maps

#### Creating or Modifying a Map

Maps can be modified or created for future renovations or construction. The established design intent must be conformed to. Artwork has been provided in Adobe Illustrator (.ai) at 1:1 scale with a number of layers, as follows:

- **DO NOT PRINT – Map Border:**  
This border, when scaled to 70% of its size, fits the artwork space for signs. Do not print this layer.
- **Secondary Destination:**  
Smaller destinations accessed within a larger unit or clinic. These may be published in unit specific maps, but should not be published on signage.
- **Staff Map:**  
Service elevators, staff accessible stairs, and staff destinations that do not receive many visitors, or that the public should not know the locations of. Used for internal purposes only.
- **Public Map:**  
Publicly accessible clinical destinations and amenities, and staff destinations that receive a high volume of off-site visitors.
- **On All Maps:**  
Building names, entrances, public elevators, publicly accessible stairs, public washrooms, and amenities. The location of the map is to be indicated in yellow.
- **Change Tables:**  
Indicated which washrooms have changeable associate to them. This is a planning layer only, do not print.
- **Building Contours:**  
Teal line defining interior zones. Interior zone demarcations should not cross Primary Corridors.

- **Exterior Building Corridor:**  
Grey defined exterior edge of building.
- **Primary Corridors:**  
Major public corridors.
- **Secondary Corridors:**  
Corridors within units or are for staff use only. May appear on public maps, or be removed, depending on the context and layout of the space. Staff only corridors appearing on public maps should be labeled as such with text.
- **Hatching:**  
Dark grey fill for individual zones. Fill should stop a distance from interior zone divides that is equal to the exterior building corridor width.
- **Shading:**  
Grey fill for entire building area .
- **Streets:**  
Major streets and parking areas. Appears only on levels with exterior entrances.
- **Field Colour:**  
Grey background used on signage.



# Section 4: Interior Signage: Sign Family

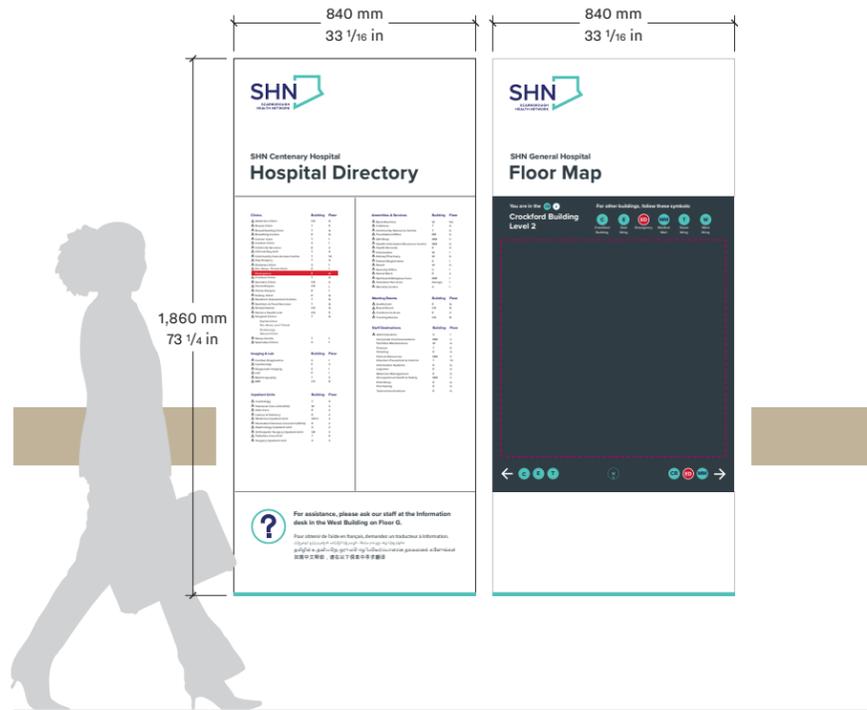


# INTERIOR SIGN FAMILY OVERVIEW

## Directories

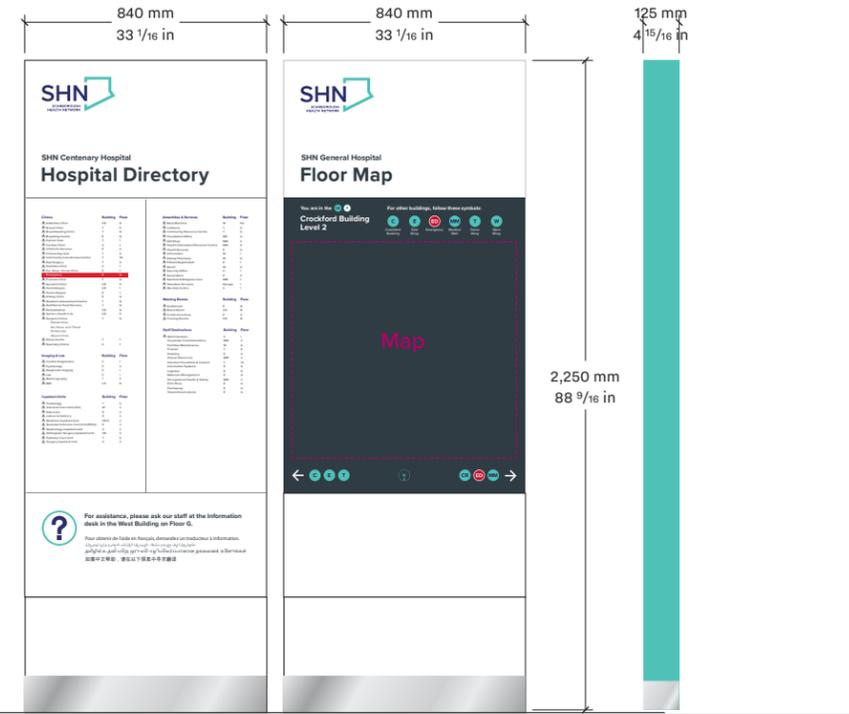
### DR1

Directory – Wall Mount – Vertical



### DR2

Directory – Freestanding

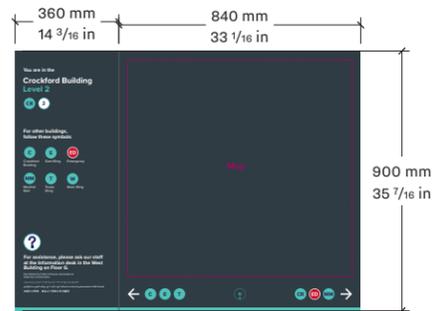


# INTERIOR SIGN FAMILY OVERVIEW

## Directories

### DR3A

Directory – Wall Mount – Small



### DR3B

Directory – Wall Mount – Medium



### DR3C

Directory – Wall Mount – Large



### DR4

Directory – Building & Floor Indicator



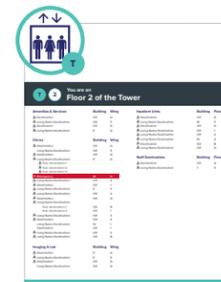
### DR5A

Directory – Elevator, Standard



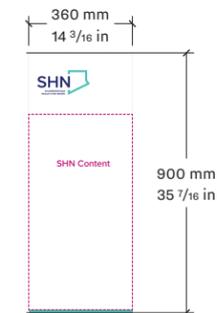
### DR5B

Directory – Elevator, Double



### DR6

Directory – SHN Communication Panel



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

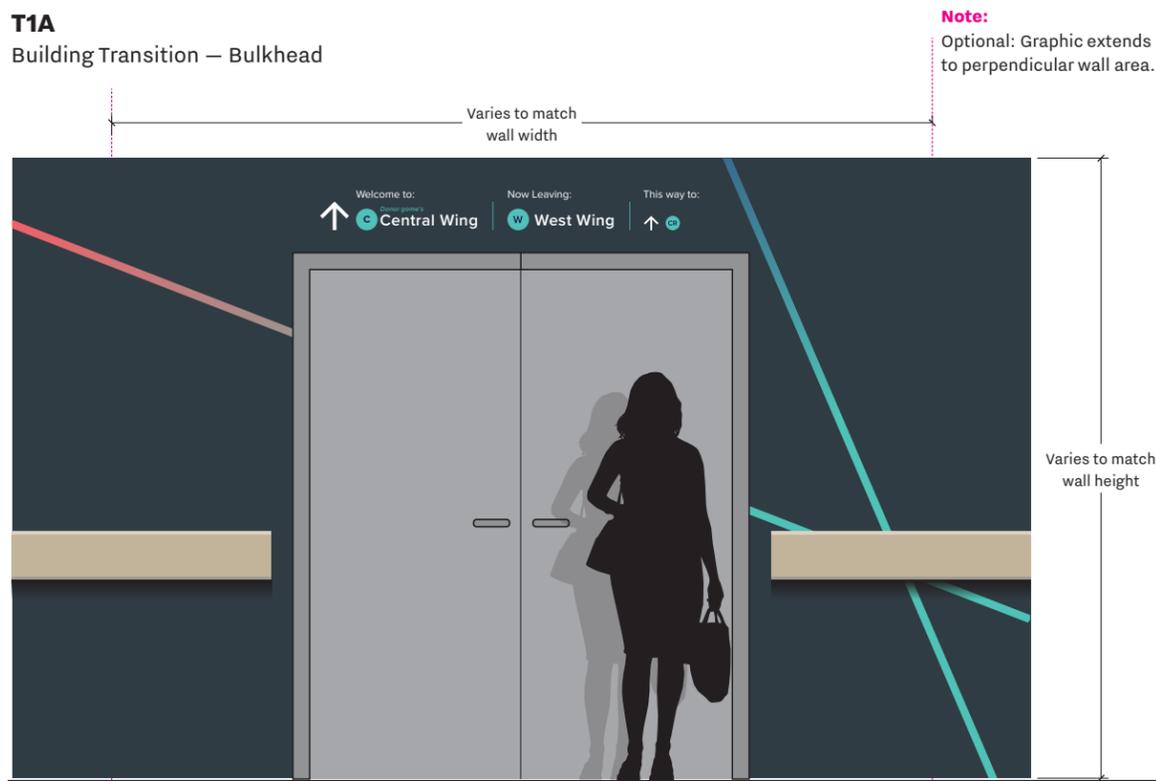
ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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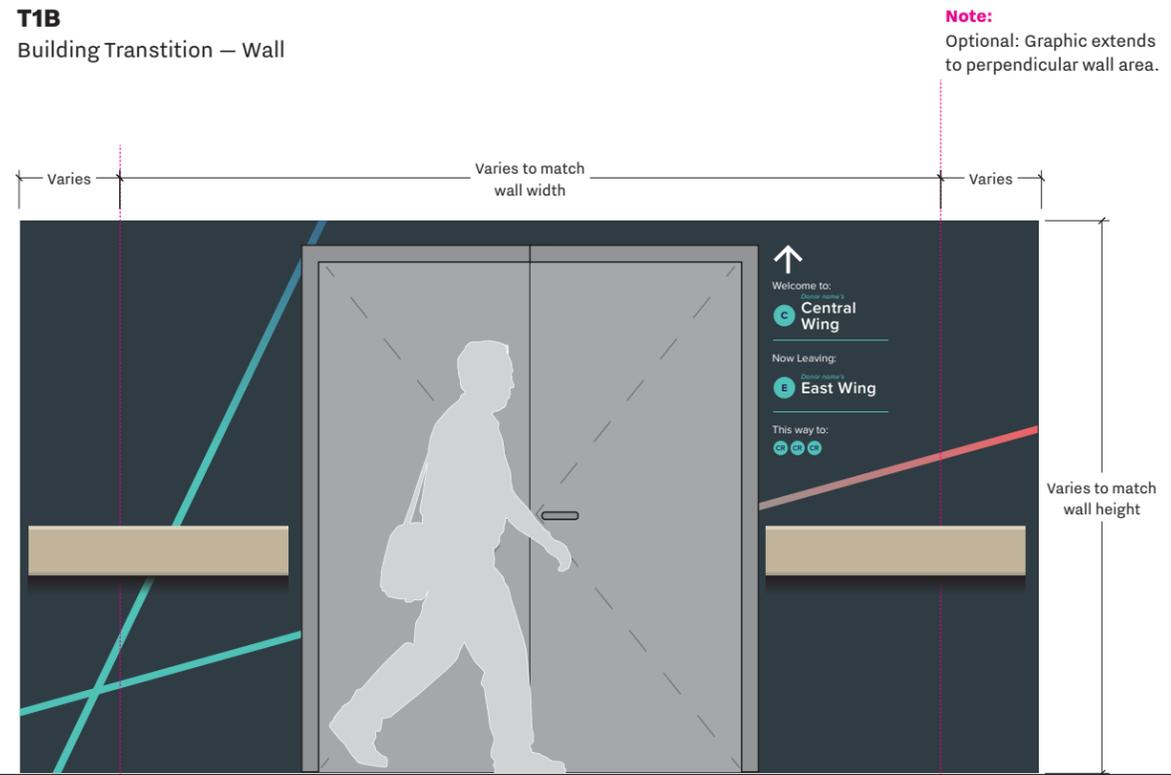
**SIGN FAMILY OVERVIEW**

**Building Transitions**

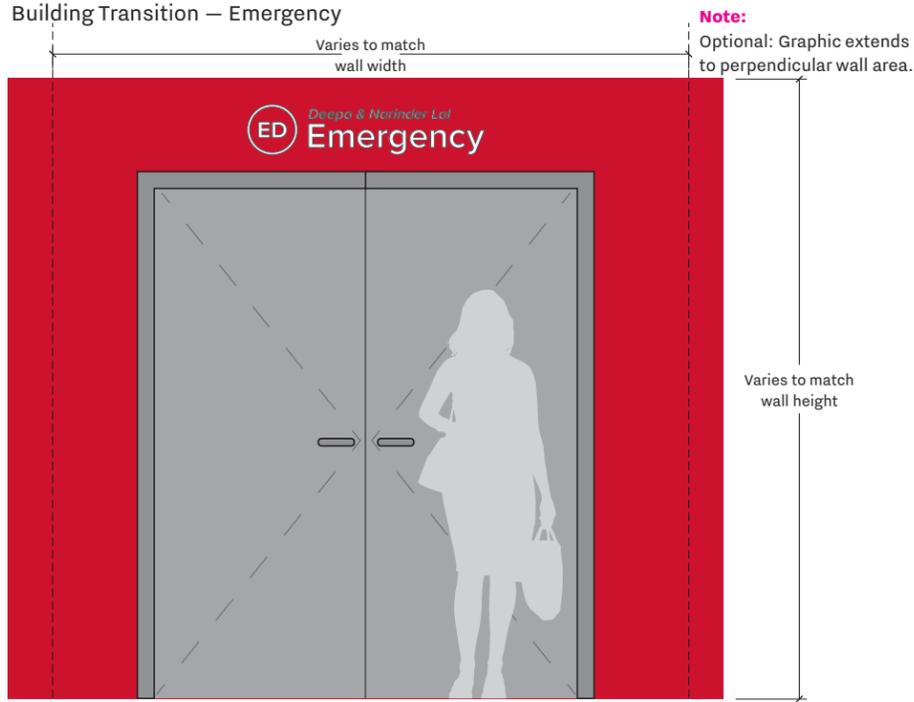
**T1A**  
Building Transition — Bulkhead



**T1B**  
Building Transition — Wall



**T1C**  
Building Transition — Emergency

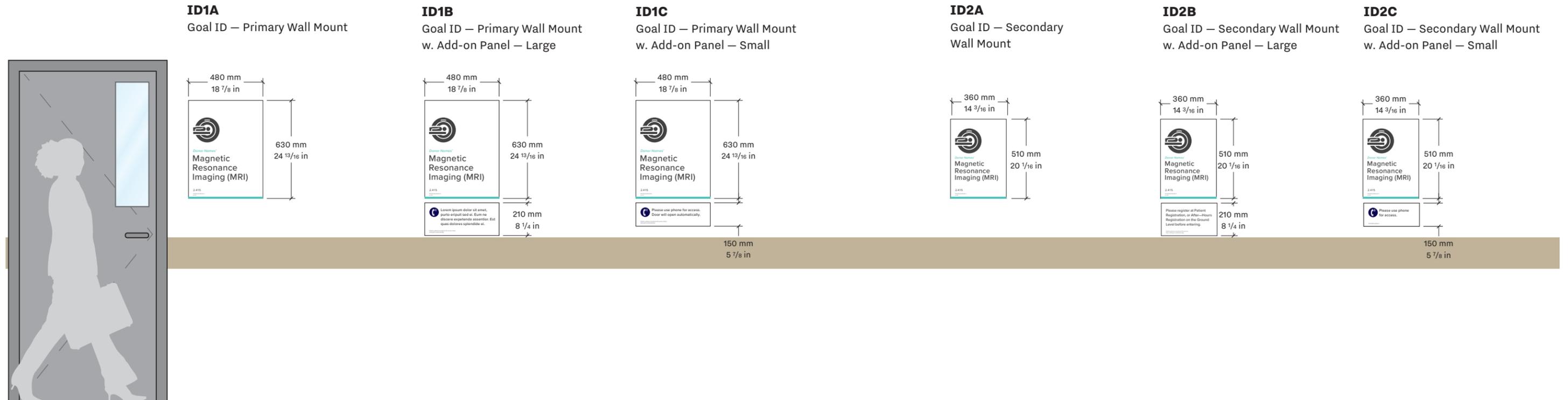


**T2**  
Building Transition — Suspended

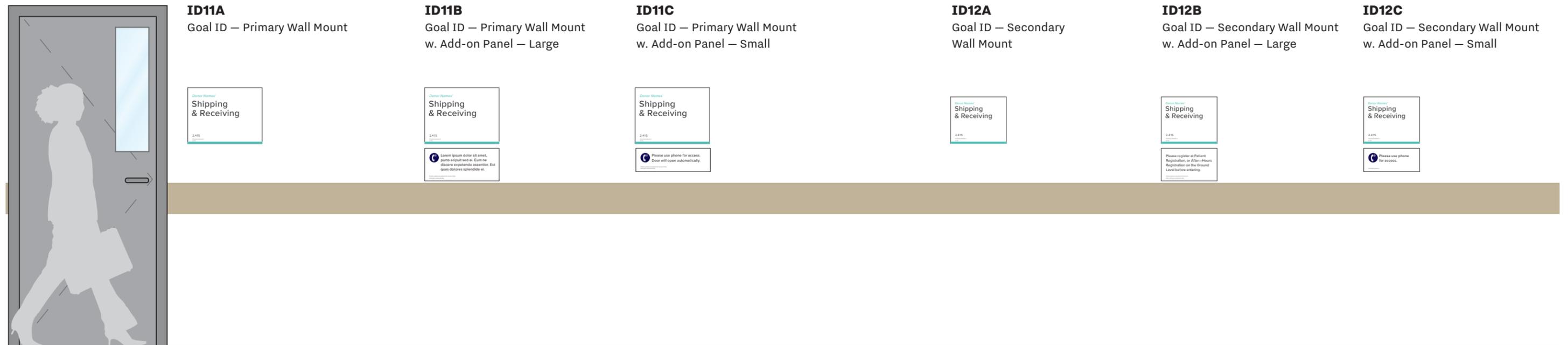


**SIGN FAMILY OVERVIEW**

**Goal Identification**



**Note:** Use ID1x or ID2x when a pictogram is in use for the destination.



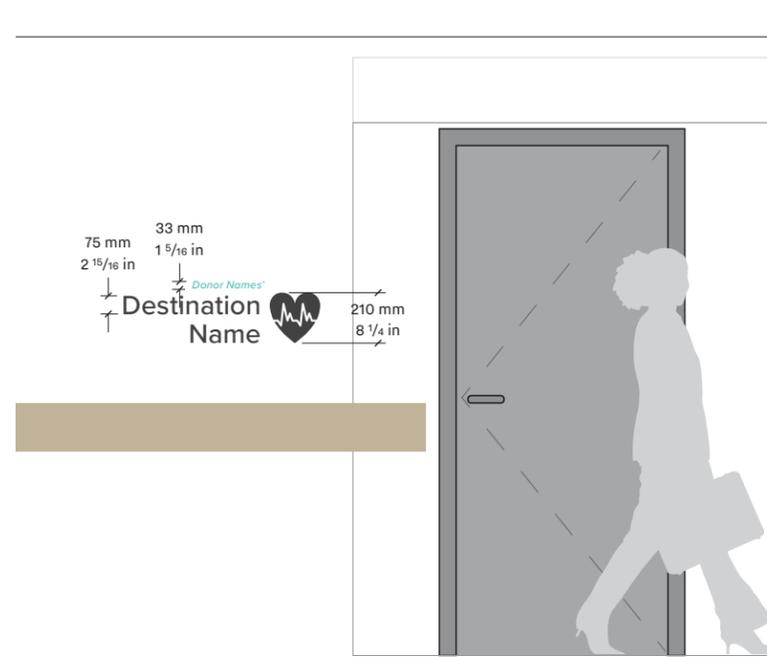
**Note:** Use ID11x or ID12x when a pictogram is not in use for the destination.

**SIGN FAMILY OVERVIEW**

**Goal Identification**

**ID3A**

Goal ID – Primary Dimensional



**ID3B**

Goal ID – Primary Dimensional w. Gradient



**ID3E**

Goal ID – Centre of Excellence – Small



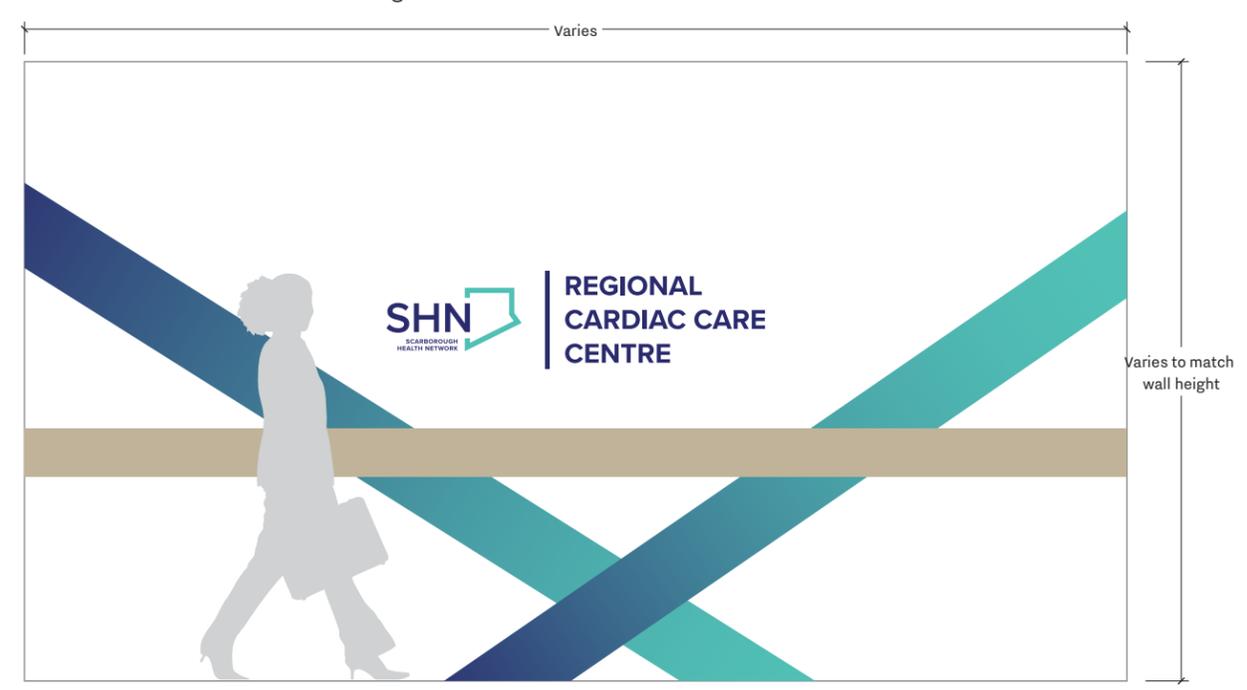
**ID3C**

Goal ID – Primary Dimensional w. Teal Band



**ID3D**

Goal ID – Centre of Excellence – Large



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

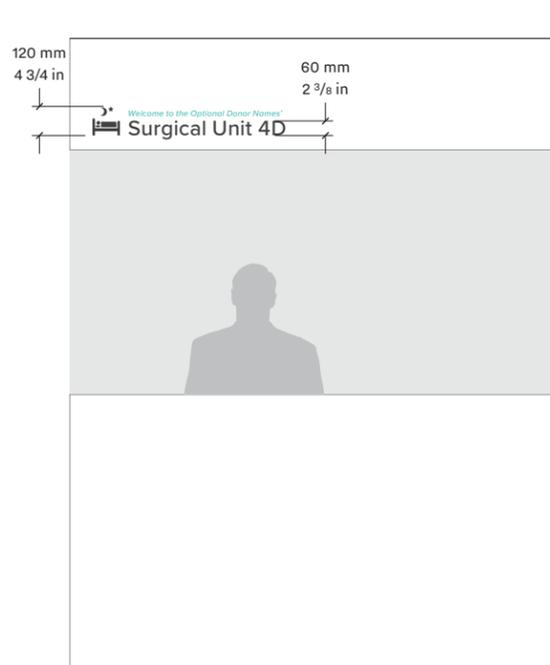
ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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**SIGN FAMILY OVERVIEW**

**Goal Identification**

**ID4A**  
Goal ID — Primary Bulkhead — Dimensional



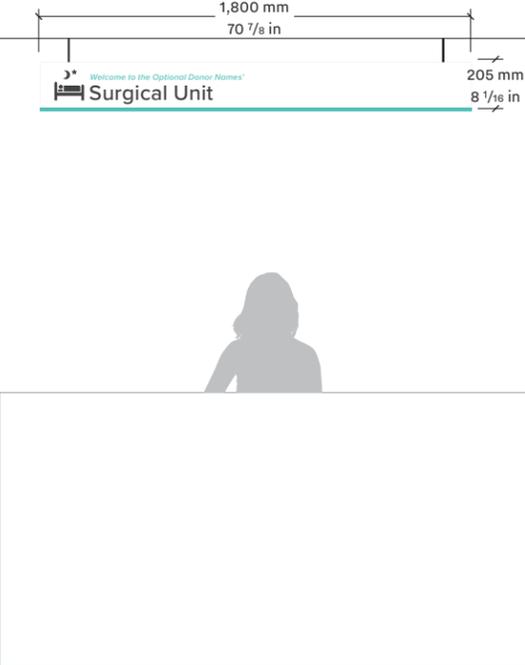
**ID4B**  
Goal ID — Secondary Bulkhead — Large



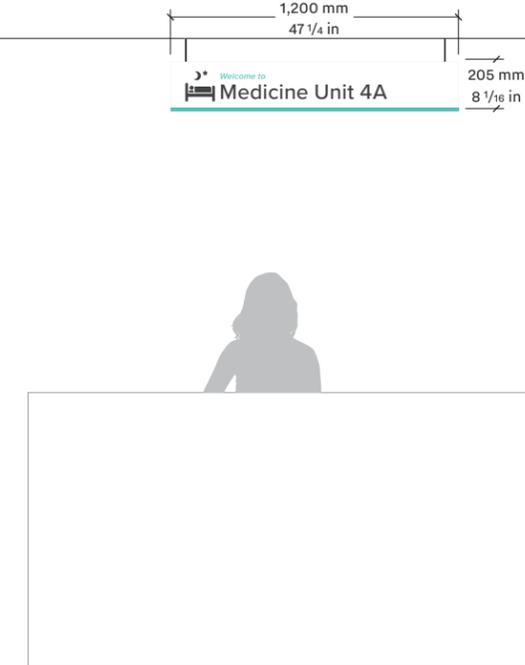
**ID4C**  
Goal ID — Secondary Bulkhead — Small



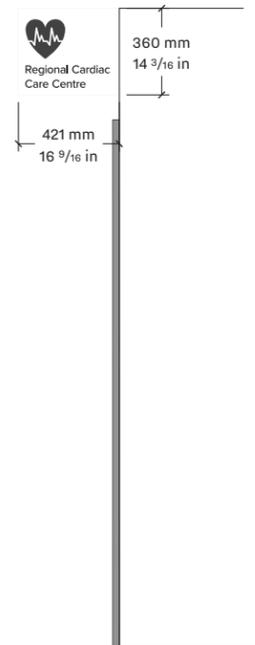
**ID5A**  
Goal ID — Primary Suspended



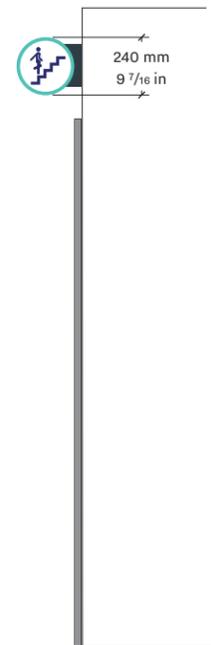
**ID5B**  
Goal ID — Secondary Suspended



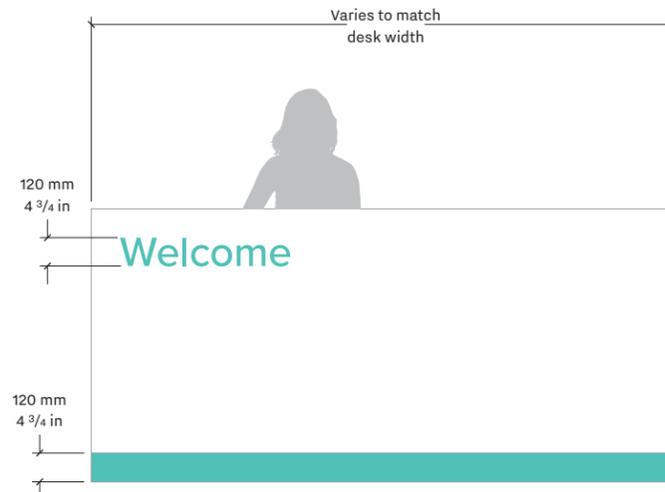
**ID6A**  
Goal ID — Primary Projecting



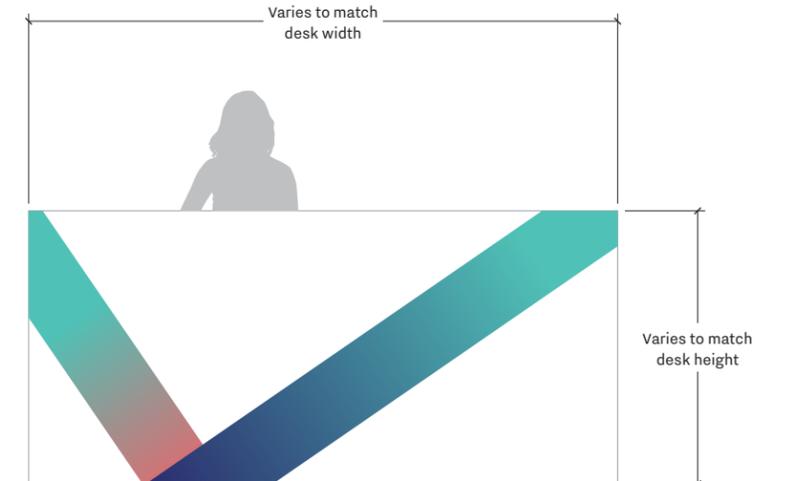
**ID6B**  
Goal ID — Base Building Projecting



**ID7A**  
Goal ID — Desk — Teal Band



**ID7B**  
Goal ID — Desk — Gradient



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
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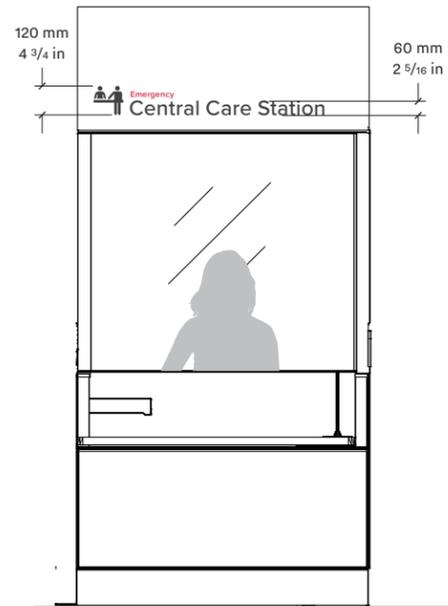
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**SIGN FAMILY OVERVIEW**

**Goal Identification**

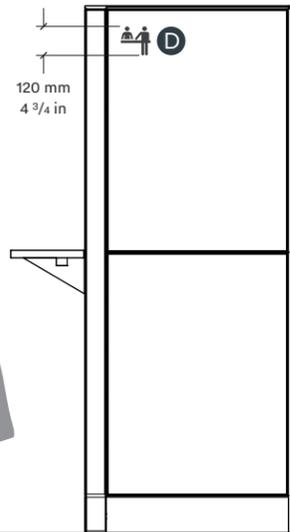
**ID8A**

Goal ID – Vinyl – Primary



**ID8B**

Goal ID – Vinyl – Secondary



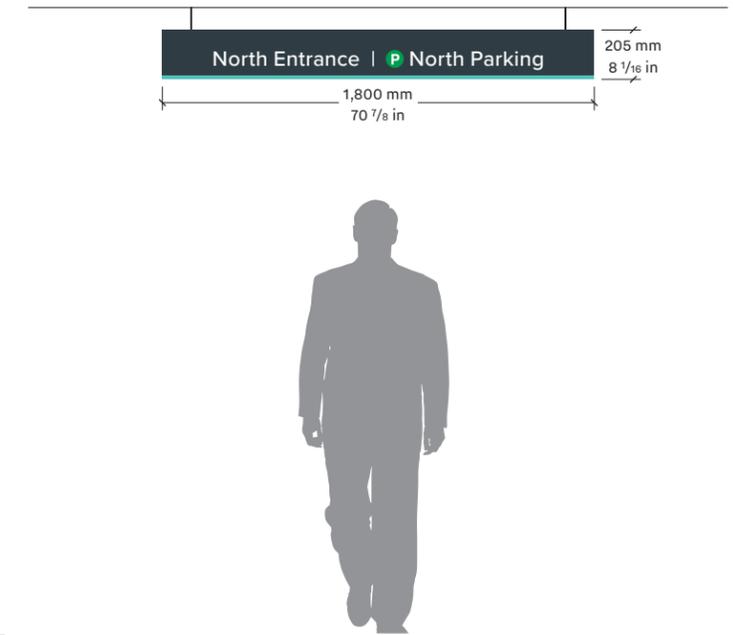
**ID8C**

Goal ID – Vinyl – Vertical



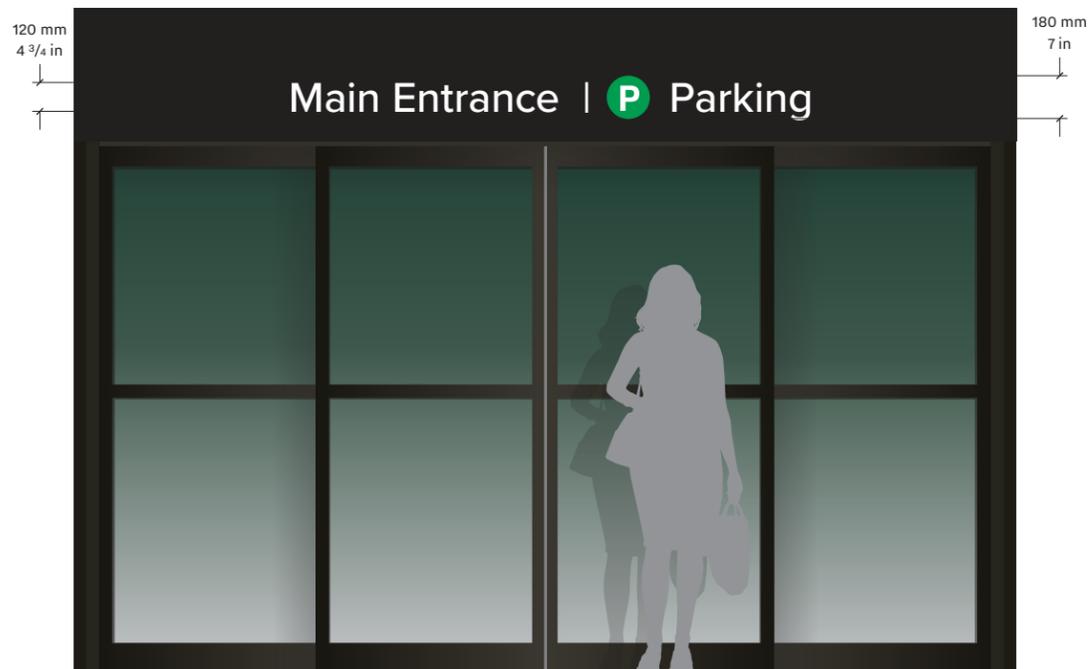
**ID9A**

Entrance ID – Suspended



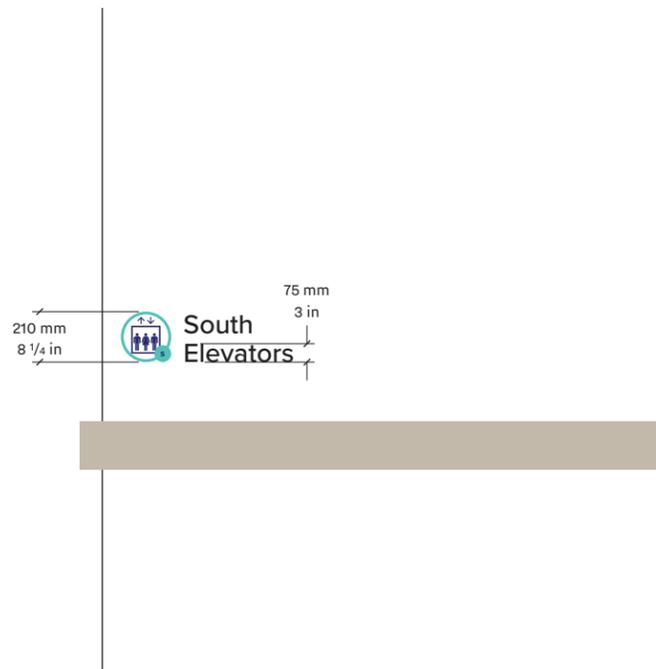
**ID9B**

Entrance ID – Vinyl – Dimensional



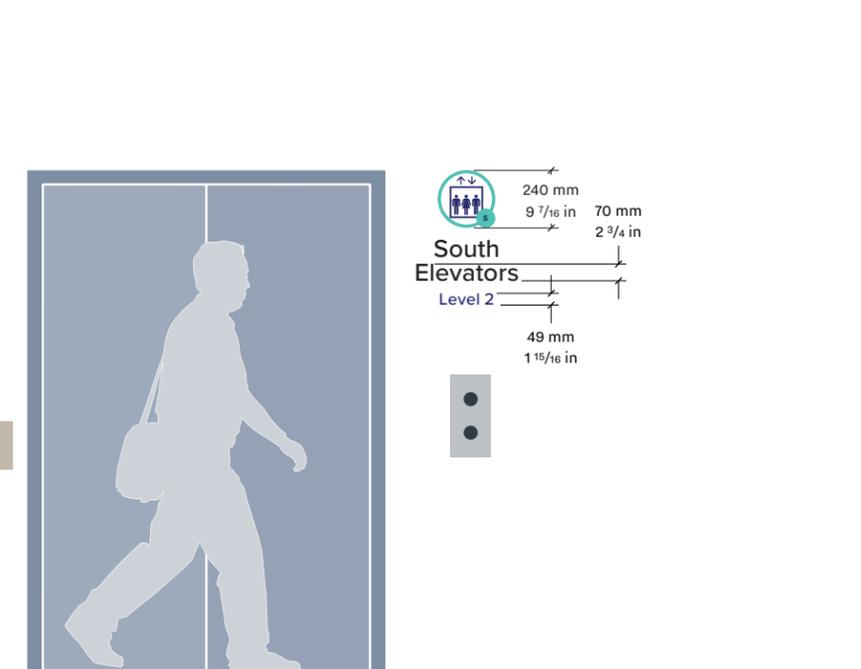
**ID10A**

Goal ID – Elevator – Horizontal



**ID10B**

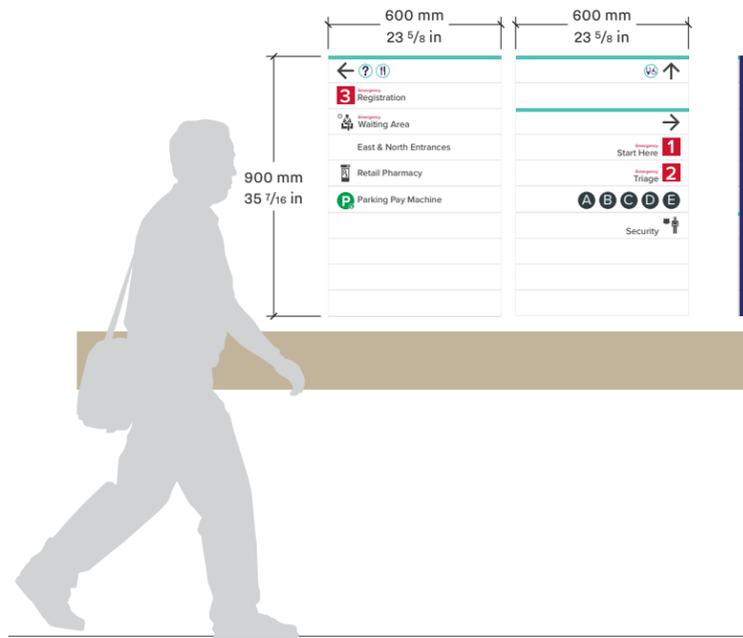
Goal ID – Elevator – Vertical



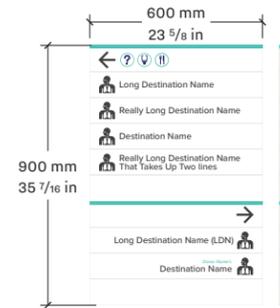
**SIGN FAMILY OVERVIEW**

**Directional**

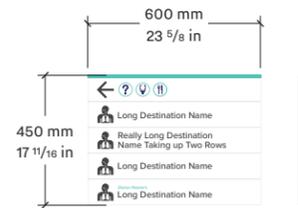
**D1A**  
Directional –  
Wall Mount – Large



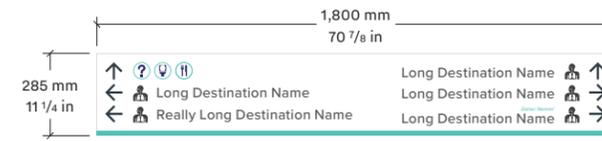
**D1B**  
Directional –  
Wall Mount – Medium



**D1C**  
Directional –  
Wall Mount – Small



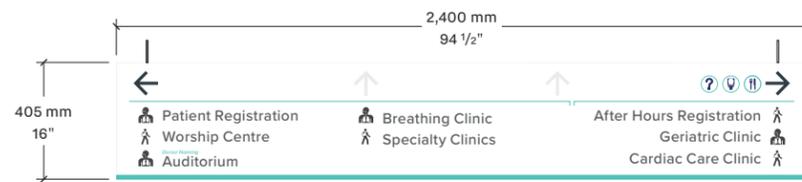
**D1D**  
Directional – Bulkhead – Medium



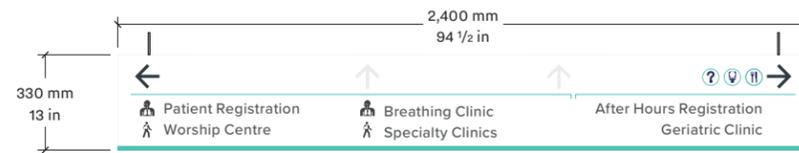
**D1E**  
Directional – Bulkhead – Small



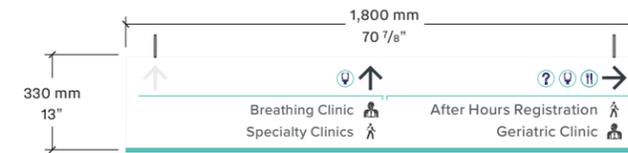
**D2A**  
Directional – Suspended – Large



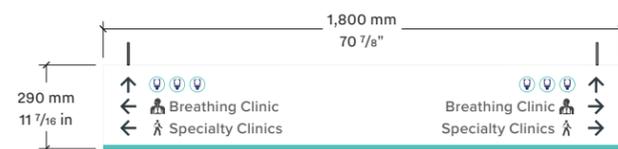
**D2B**  
Directional – Suspended – Medium



**D2C**  
Directional – Suspended – Small



**D2D**  
Directional – Clinical Suspended – Medium



**D2E**  
Directional – Clinical Suspended – Small



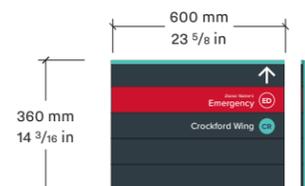
# SIGN FAMILY OVERVIEW

## Interbuilding Directional

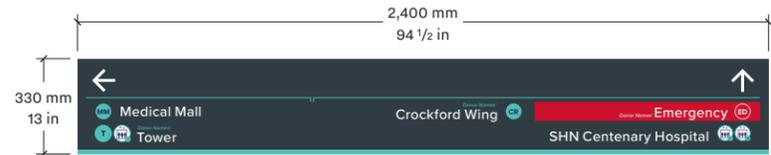
**D3A**  
Interbuilding Directional – Wall Mount – Medium



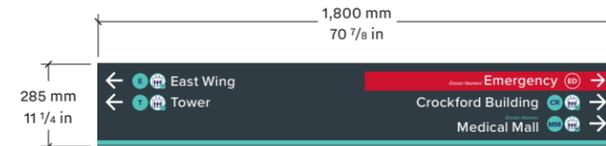
**D3B**  
Interbuilding Directional – Wall Mount – Small



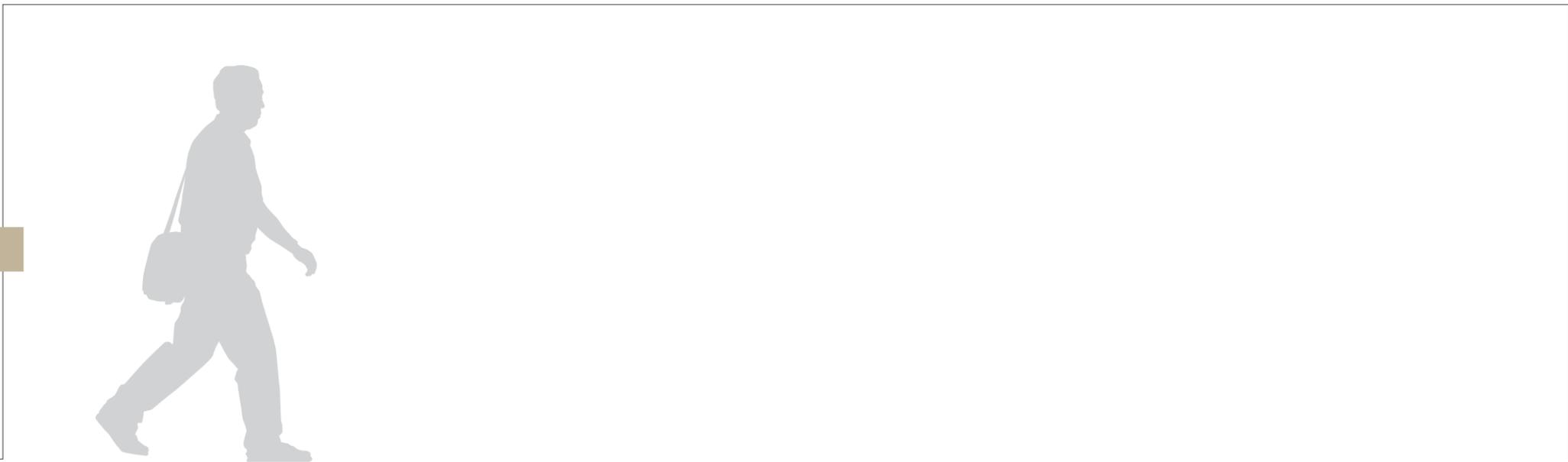
**D3C**  
Interbuilding Directional – Bulkhead – Large



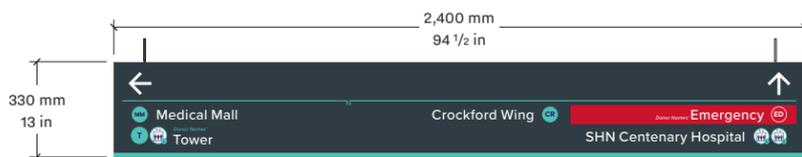
**D3D**  
Interbuilding Directional – Bulkhead – Medium



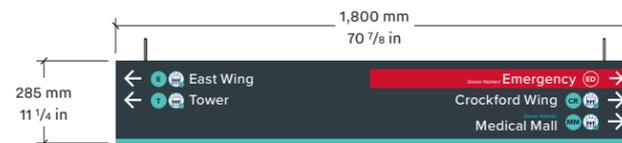
**D3E**  
Interbuilding Directional – Bulkhead – Small



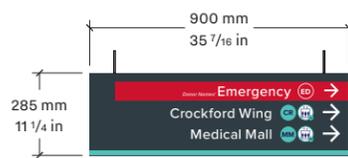
**D4A**  
Interbuilding Directional – Suspended – Large



**D4B**  
Interbuilding Directional – Suspended – Medium



**D4C**  
Interbuilding Directional – Suspended – Small



**D4D**  
Interbuilding Directional – Suspended – Single



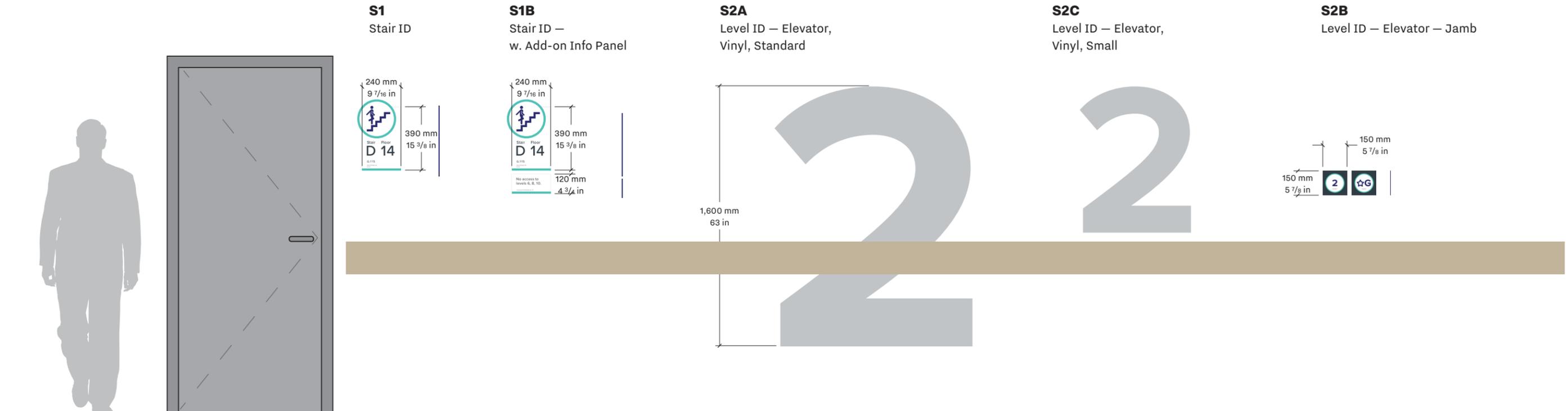
**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

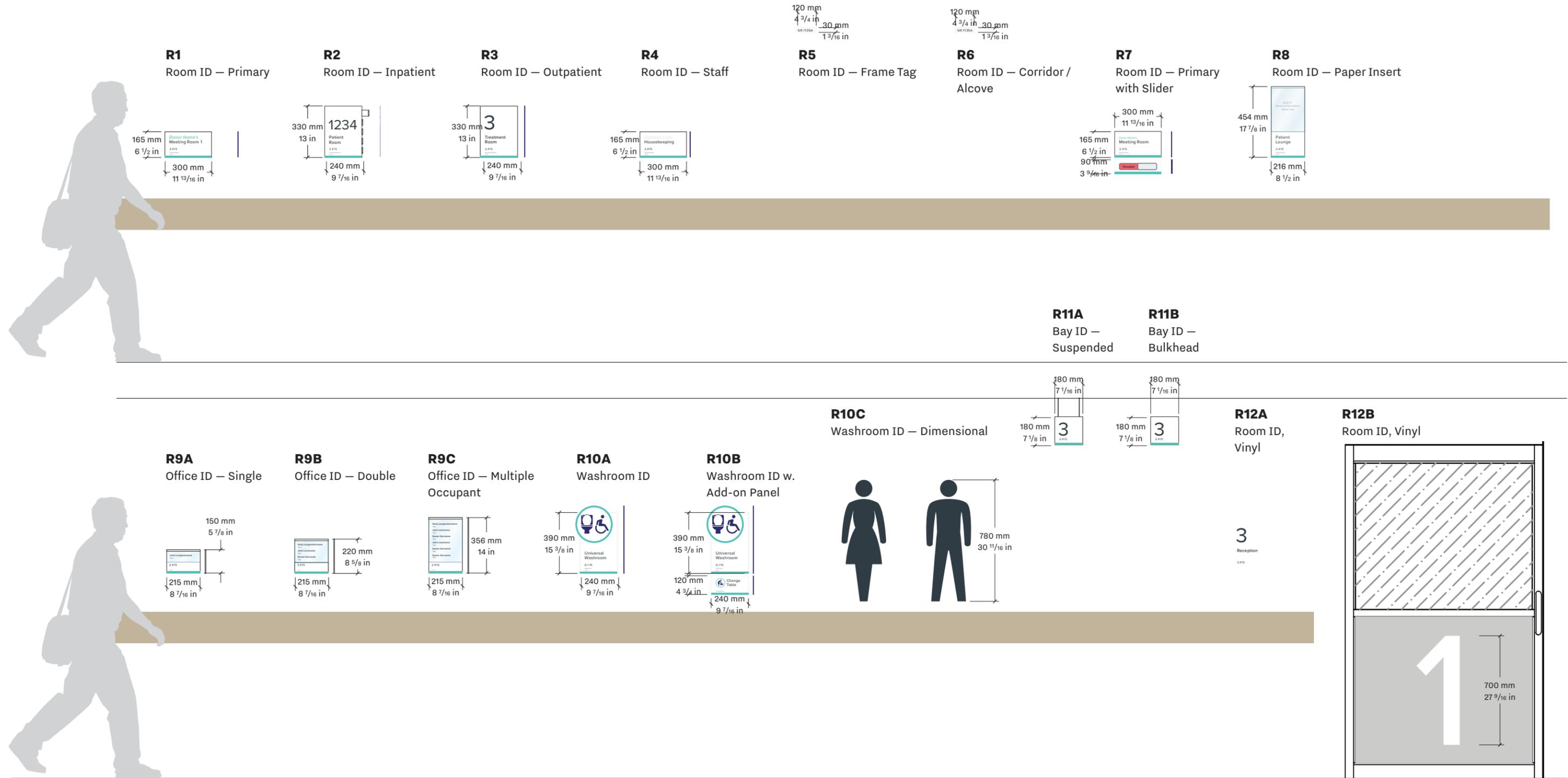
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**SIGN FAMILY OVERVIEW**

**Base Building**



**SIGN FAMILY OVERVIEW**  
**Room Identification**



**SIGN FAMILY OVERVIEW**

**Miscellaneous Messaging & Regulatory**

**C1**  
Fire Evacuation Map



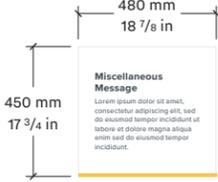
**C2**  
In Case of Fire



**C3**  
Misc – Wall Mount – Extra-Large



**C4**  
Misc – Wall Mount – Large



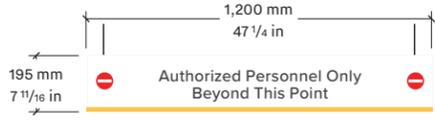
**C5**  
Misc – Wall Mount – Medium



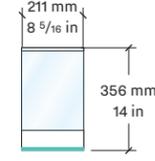
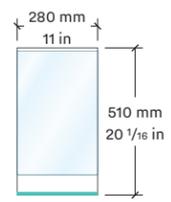
**C6**  
Misc – Wall Mount – Small



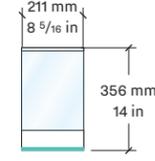
**C7**  
Misc – Suspended



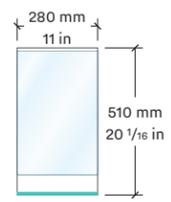
**C8**  
Misc – Posting Board

**C9A**  
Misc – Window Sign – Letter Size



**C9B**  
Misc – Window Sign – Tabloid Size



**C10A**  
Emergency Process Guide – Wall Mount



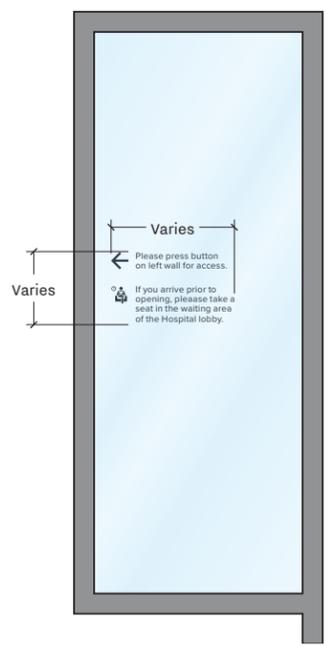
**C10B**  
Emergency Process Guide – Digital Print



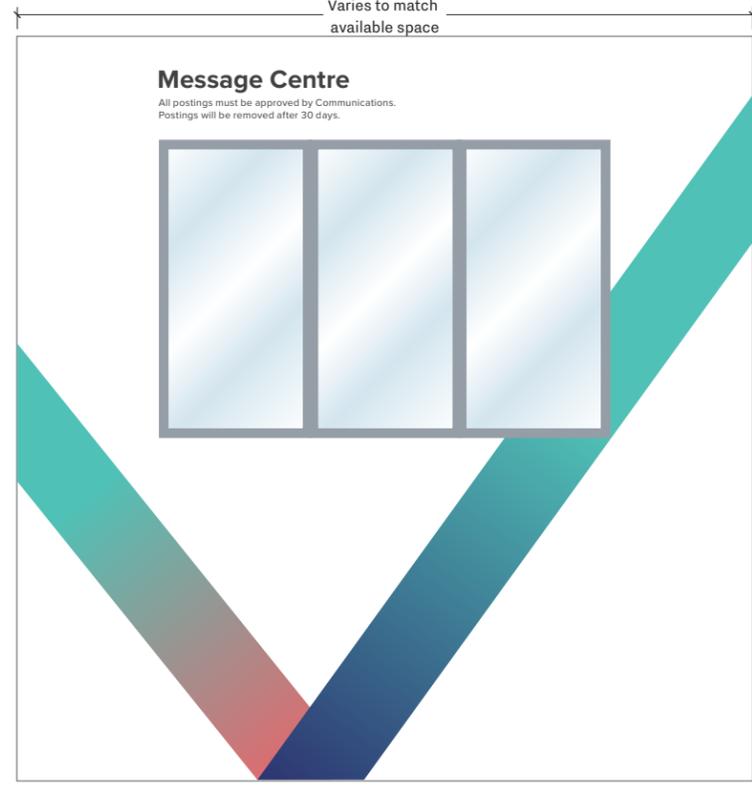
**C11**  
Misc – Digital Print



**C12**  
Misc – Vinyl Messaging



**Message Centre**  
All postings must be approved by Communications. Postings will be removed after 30 days.



Varies to match available space

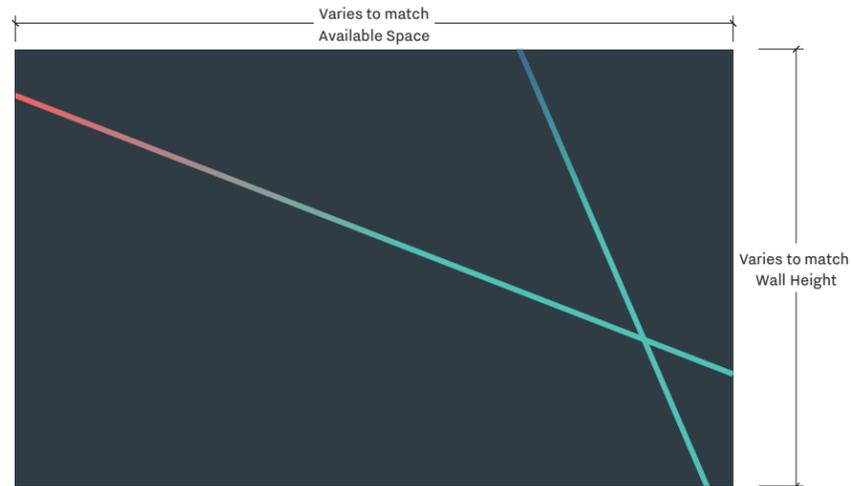
Varies to match wall height

**SIGN FAMILY OVERVIEW**

**Environmental Graphics**

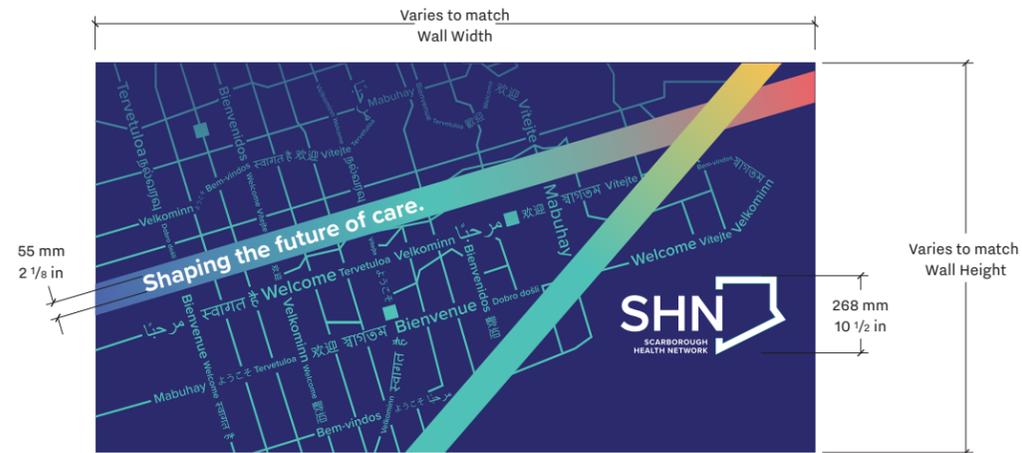
**EG1**

Environmental Graphics –  
Wall Mount



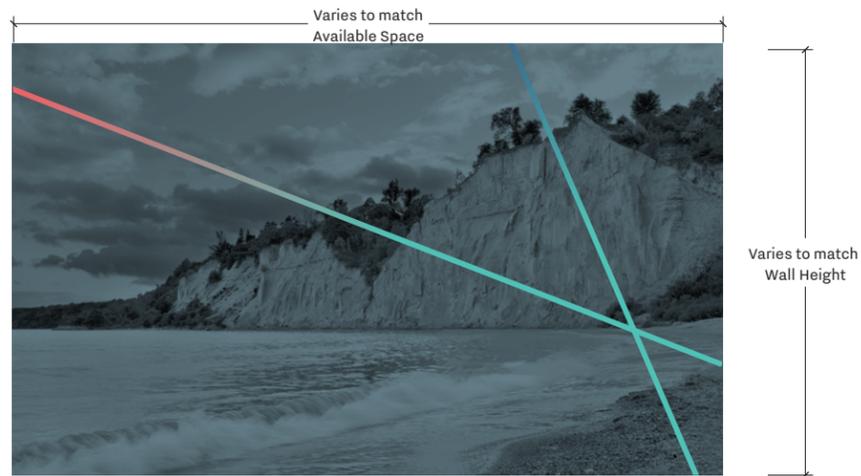
**EG3A**

Environmental Welcome Graphic –  
Wall Mount



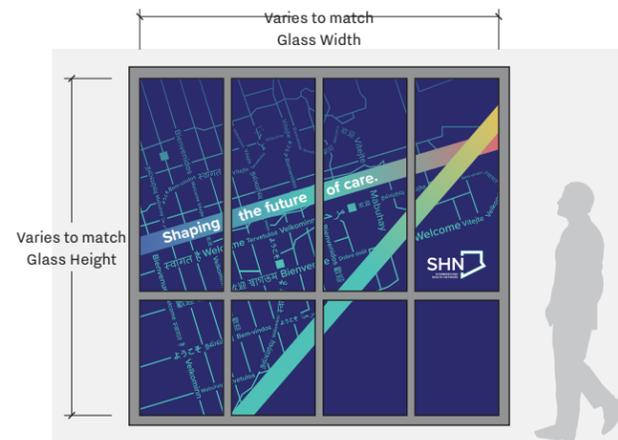
**EG2**

Environmental Graphics –  
Glass Mount



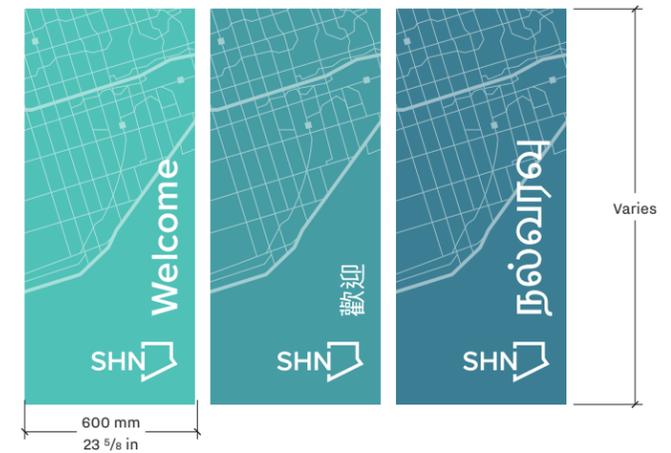
**EG3B**

Environmental Welcome Graphic –  
Glass Mount



**EG3C**

Environmental Welcome Graphics –  
Banners



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
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# Section 5: Interior Signage: Design Details



## INTERIOR SIGNAGE

# Maintenance & Upkeep

### General Cleaning

To clean signs, please follow the detailed cleaning and maintenance information provided by the signage fabricator. In general:

- Use a soft non-abrasive cloth to clean signs. Do not use abrasive cloths, brushes, or scrapers.
- Do not use abrasive cleaners.
- Do not vigorously scrub sign surfaces.

### Note:

Bleach-based products and other harsh chemicals may damage signs and often terminate any warranties from fabricators and material suppliers. If using, ensure to use as diluted a solution as is viable to minimize any negative impacts to signs.

### When is it time to replace a sign?

- Replace sign, or relevant sign panels, as content updates occur. As destinations change locations or names, all signs should be changed as soon as possible. This may include directories, directional signs, and goal identification signs, in addition to other wayfinding assets including the SHN website and patient handouts.
- Replace signs if broken or damaged in any way that could be harmful to anyone coming in contact with it.
- Replace signs when worn and no longer meets the level of quality that is reflective of the SHN brand.

### Framed panel signs

Many signs in this package are a direct print to a panel set within a frame. (e.g. D1A, DR3, C10, etc). These signs are designed so that the face panel—or a portion thereof—can be updated without removing the frame itself. To replace these, please follow these steps:

#### Panel Removal

- To remove sign panels, use suction cup ‘key’ to pop out panel. Do not use any prying tools such as screwdrivers or similar as they may scrape painted surfaces or otherwise damage sign components.
- The PVC panel may then be recycled or discarded, as applicable.

#### Panel Installation:

- Carefully set new panel into frame. The fit should be tight with about 1mm space around each edge.

Should a framed panel wall sign need to be relocated, the entire frame should be unscrewed from the wall and reinstalled.

### Suspended, projecting, or freestanding signs

Similar to wall mount framed signs, these sign types are designed with removable face panels. The process is identical.

### Room Signs

Most rooms have tactile signs as required by code. If a change is necessary, a new sign will need to be ordered, the old one carefully removed to avoid tape or silicone damaging the drywall, and the new sign installed.

### Window Signs

Content for offices may be changed by printing a paper insert and inserting it into the window sign. This same process may be used for sign types R8, C1, and C9, etc. SHN Communications should provide a standardized template for network-wide consistency.

### Tactile Goal Identification

Goal identification signs like sign types ID1 and ID2 contain tactile information as required by code. Should these signs need to be changed, a new sign will need to be ordered, the old one carefully removed to avoid tape or silicone damaging the drywall, and the new sign installed.

### Environmental Graphics & Wall Coverings

Wall coverings such as those included in sign types EG1, EG2, EG3, ID3 and T1, should be removed and replaced by industry professionals to avoid damage to the underlying wall. Some patching may be required depending on the length of time graphics were installed and adhesive used for installation. Graphics should have butt-joint seams, not an overlapping seam.

### Vinyl Graphics & Digital Prints

Vinyl graphics such as sign type ID8A, ID8B, or ID8C, C11 or C12 may be carefully scraped off using a sharp razor blade, using adhesive remover to ensure the surface is clean, and applying new letters or prints. It is recommended these sign types only be used on solid surfaces like glass or laminate, not textured surfaces like drywall.

### Dimensional Letters and Graphics

Changing dimensional elements such as those found in sign types ID3, ID9B, ID10, or R10C requires new signs to be ordered. Wall patching and painting will likely be required. Installation of new elements should be completed by an industry professional and use a paper or similar template for accuracy.

# SIGN SPECIFICATIONS

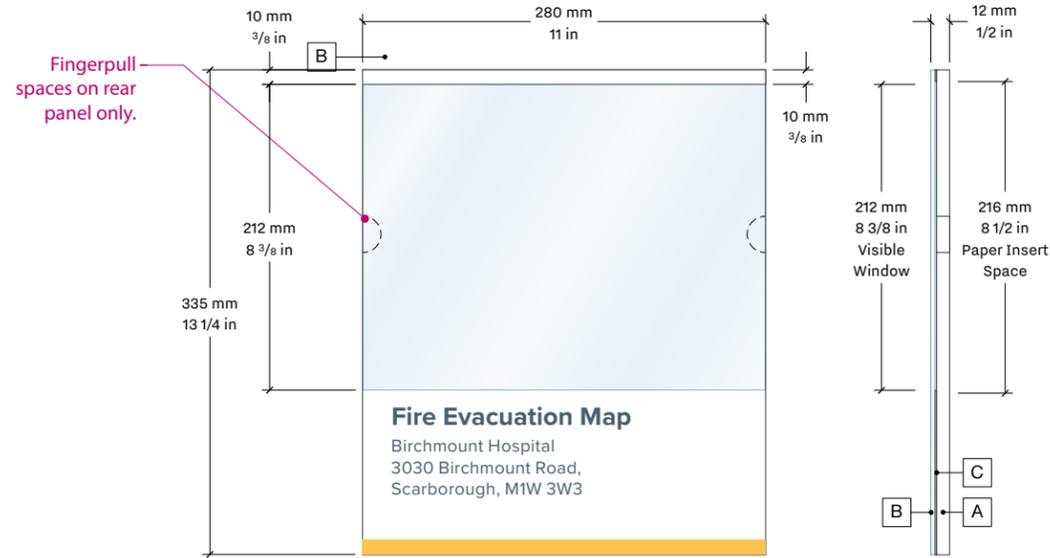
## C1: Fire Evacuation Map

- A BASE PANEL**
  - 9mm (3/8") thick white acrylic.
  - Ø25mm (Ø1") cut-out tabs for fingerpull.
- B TOP PANEL**
  - 3mm (1/8") thick matte acrylic.
  - Direct-print to first surface for all graphics and text shown on front views.
- C SPACER**
  - 1mm d/s adhesive spacer.
- D VINYL BACKER (ONLY IF GLASS MOUNT)**
  - 3M white vinyl to match shape and dimensions of base panel. Applied to first surface.
  - Not shown on views or elevation.

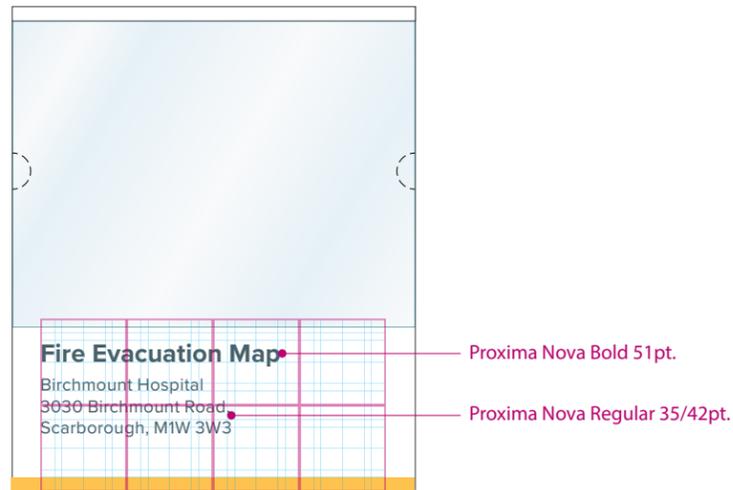
Installation:  
Adhere flat to wall with 3M d/s tape.

**PAPER INSERTS**  
SHN is responsible for content. These window signs are designed to display typical letter (8.5x11") and tabloid (11x17") sheets of paper.

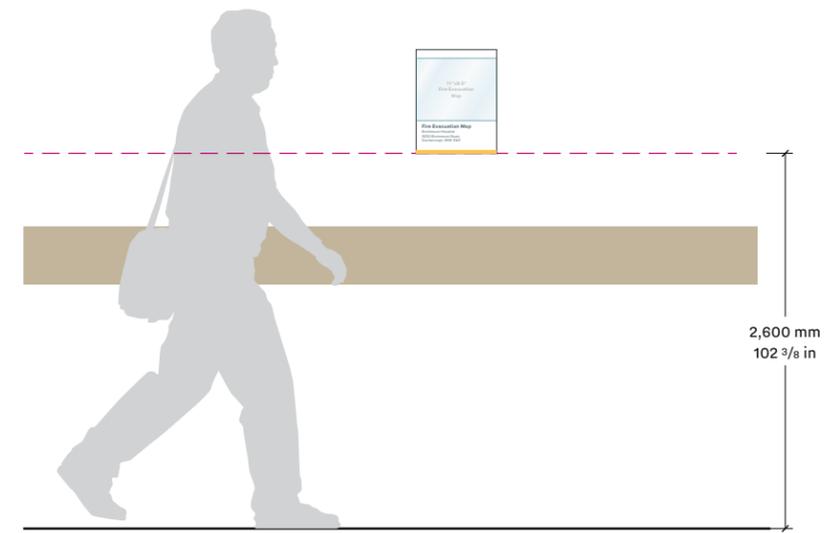
**PLACEMENT**  
Exact placement to be dictated by Fire Marshall.



1 C1: Fire Evacuation Map  
Scale 1:5



2 Graphic Standards  
Scale 1:5



3 Typical Elevation  
Scale 1:50

= 60x60mm grid structure used for sign

**SIGN SPECIFICATIONS**

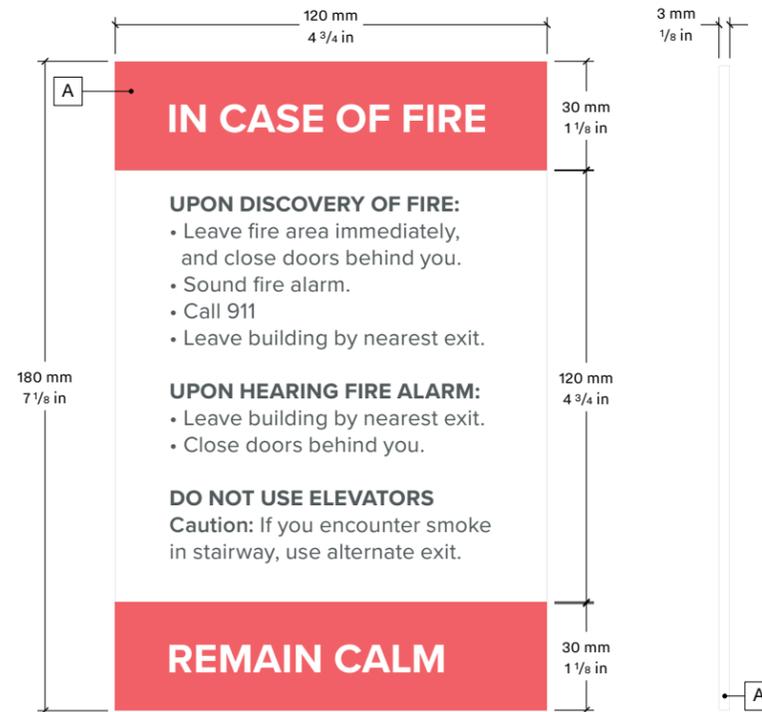
**C2: In Case of Fire**

**A**

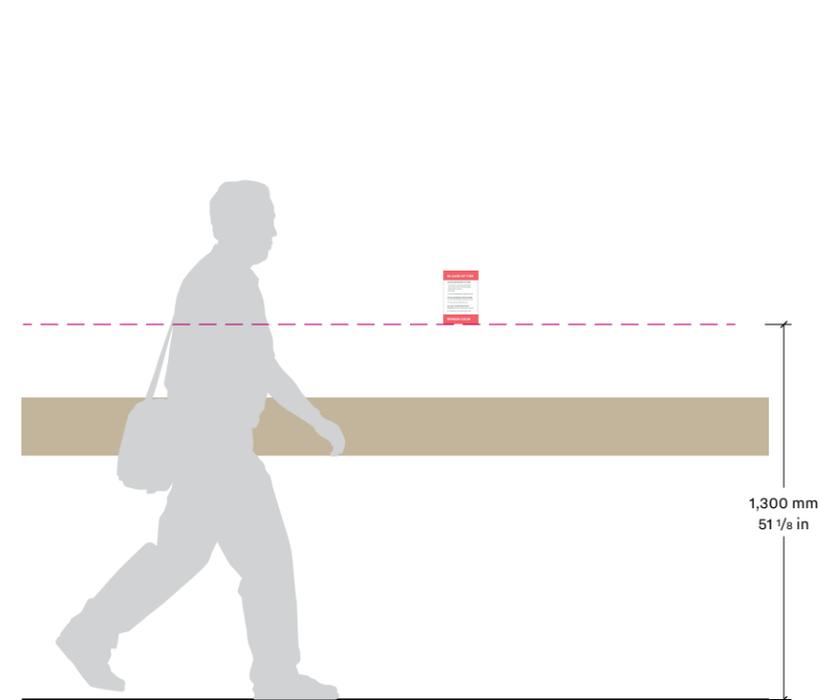
- PANEL**
- 3mm (1/8") thick white sintra panel
  - Direct print graphics.

**Installation:**  
Adhere flat to wall with 3M d/s VHB tape.

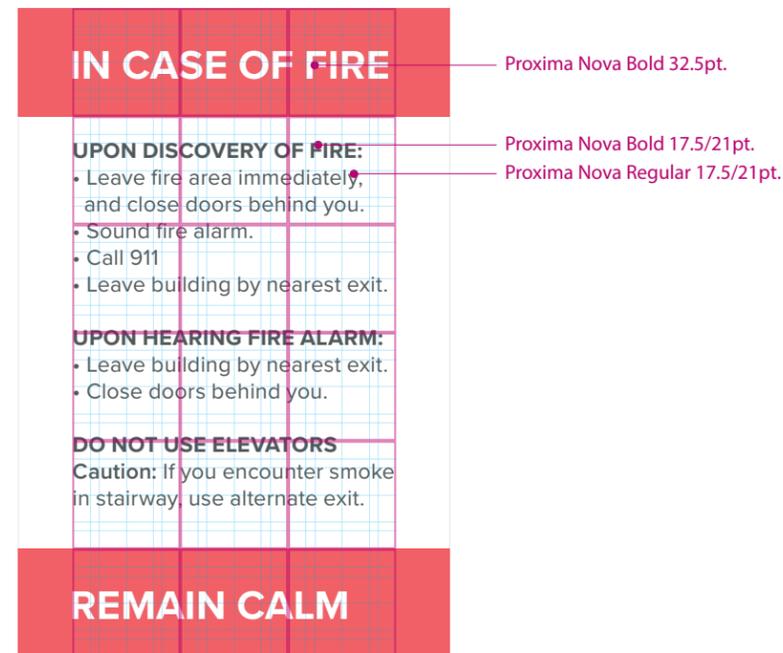
**PLACEMENT**  
Exact placement to be dictated by Fire Marshall.



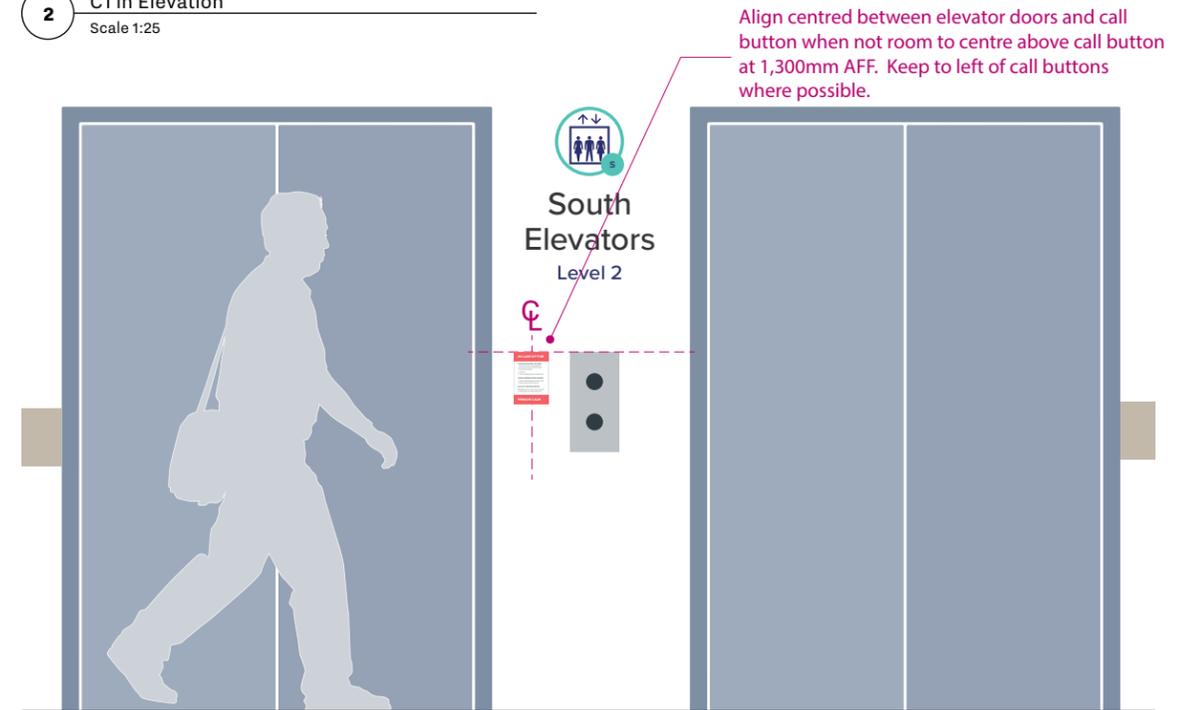
**1** C2: In Case of Fire Sign  
Scale 1:2



**2** C1 in Elevation  
Scale 1:25



**3** Graphic Standards  
Scale 1:2



**4** C1 in Elevation at Elevators  
Scale 1:25

= 30x30mm grid structure used for sign

# SIGN SPECIFICATIONS

## C3, C4, C5, C6: Miscellaneous – Wall Mount

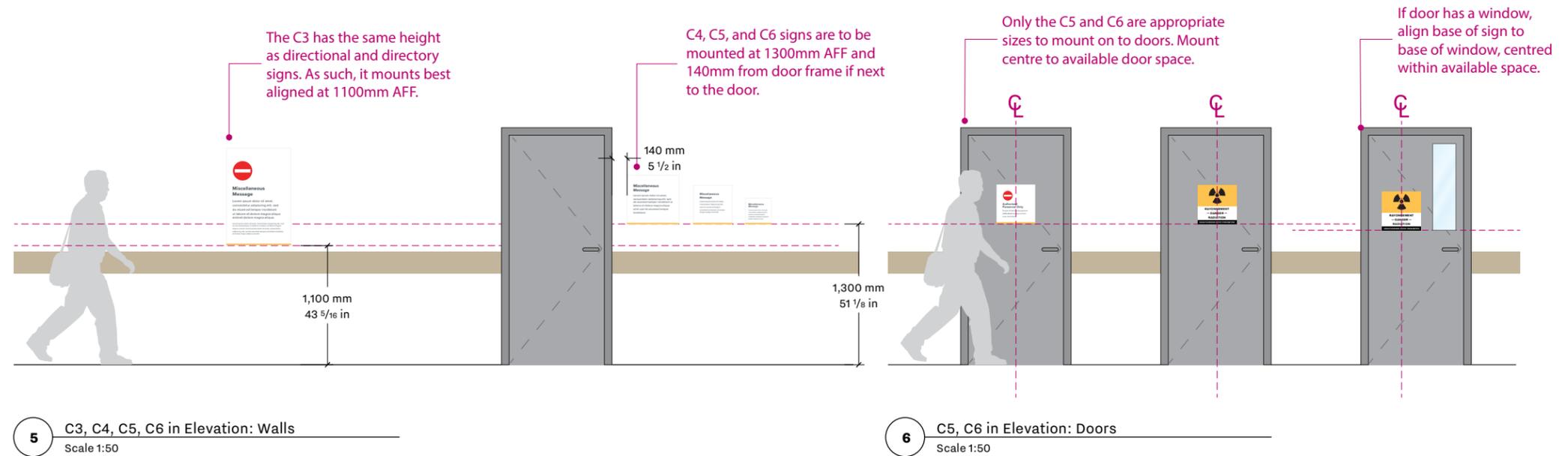
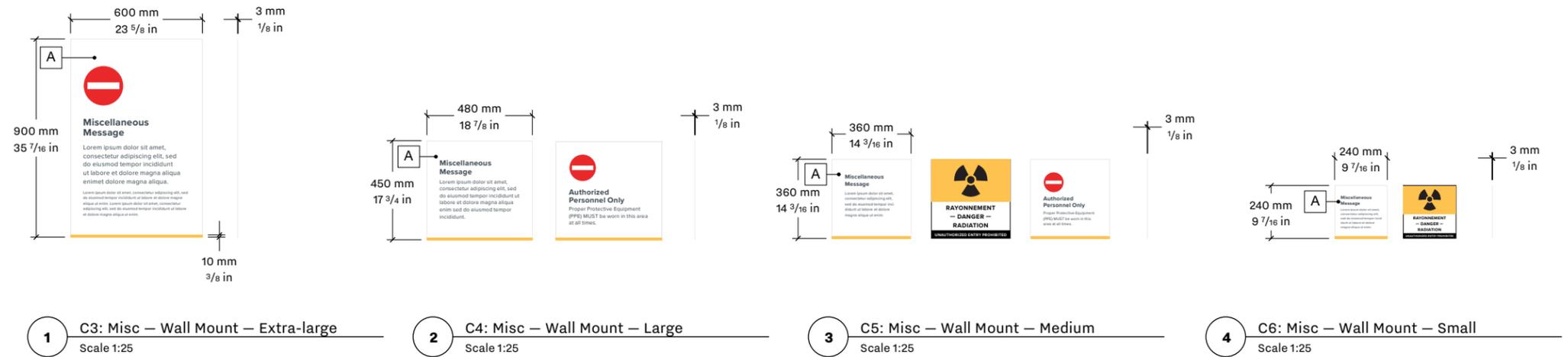
**A**

### SIGN PANEL

- 3mm (1/8") thick white PVC.
- Direct print graphics.

### Installation:

Adhere flat to wall with 3M d/s VHB tape.



# SIGN SPECIFICATIONS

## C3, C4, C5, C6: Miscellaneous – Wall Mount

### VARIABLE MESSAGES

Messages and layouts will vary and are anticipated to change from condition to condition. As such, use the grid as closely as possible to create new messages as needed, and keep typographical treatments (size, weight, line spacing, etc) as consistent as possible across the site.

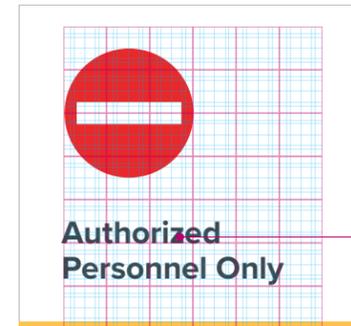


Pictogram may be changed to any other applicable to the message. Alternatively, a photograph may also be used. If so, proportionally size photo to fit space of pink box.

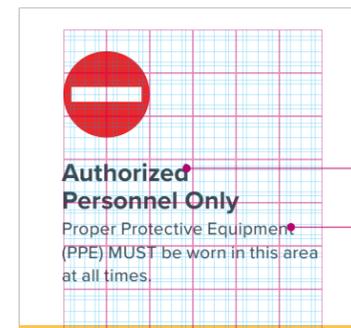
Proxima Nova Bold 127/140pt

Proxima Nova Regular 85/110pt

Proxima Nova Regular 50/70pt (optional size if a third hierarchy of text is required.)



Proxima Nova Bold 127/140pt

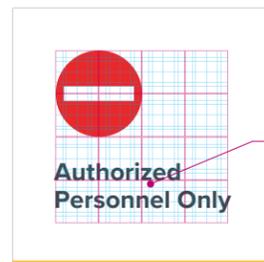
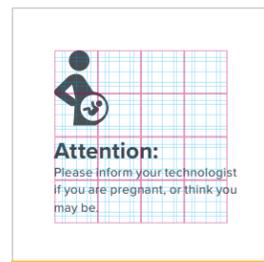


Proxima Nova Bold 100/110pt

Proxima Nova Regular 70/90pt

7 C3 Graphic Standards  
Scale 1:10

8 C4 Graphic Standards  
Scale 1:10



Proxima Nova Bold 100/110pt



Proxima Nova Bold 80/110pt

Proxima Nova Bold 50pt

Some signs may break from the grid system, if required. If so, keep as many elements consistent as possible. (Sizes, colour, overall look and feel, etc.)

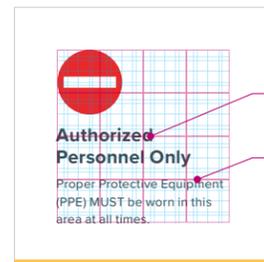


Proxima Nova Bold 60/70pt  
Proxima Nova Regular 40/55pt

Proxima Nova Bold 53/73pt

Proxima Nova Bold 75/90pt

Proxima Nova Regular 50/70pt

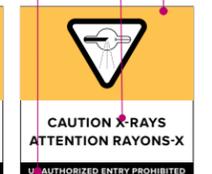
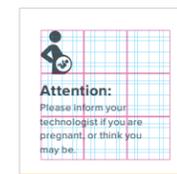


Proxima Nova Medium 75/90pt

Proxima Nova Regular 50/70pt



Proxima Nova Bold 75/80pt



9 C5 Graphic Standards  
Scale 1:10

10 C6 Graphic Standards  
Scale 1:10

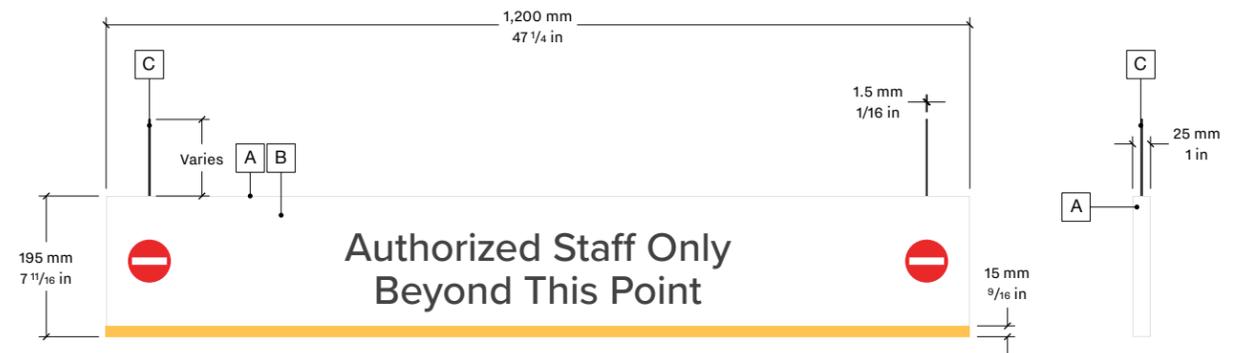
= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

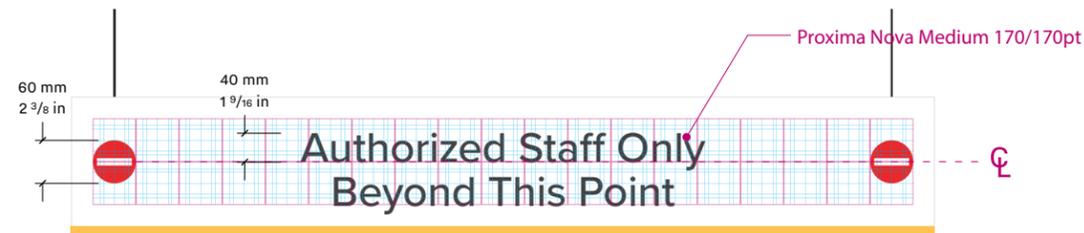
### C7: Miscellaneous – Suspended

- A FRAME**
  - 25mm (1") thick fabricated aluminum frame, with all visible faces painted 'White'.
  - PVC backer with embedded earth magnets.
- B SIGN PANELS**
  - 6mm (¼") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.
- C SUSPENSION CABLE**
  - 1.5mm (⅙") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.

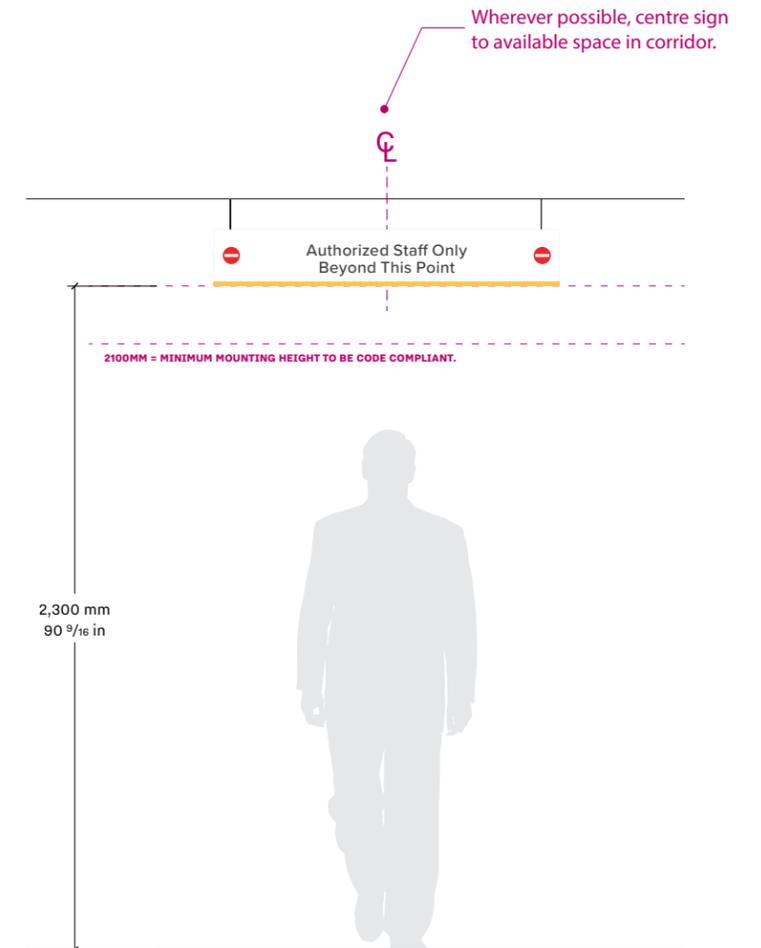
See technical drawing for typical suspended signs in the 'Interior Sign Technical Drawings' section.



1 C7: Misc – Suspended  
Scale 1:10



2 Graphic Standards  
Scale 1:10



3 Typical Elevation  
Scale 1:25

= 60x60mm grid structure used for sign

**SIGN SPECIFICATIONS**

**C8: Miscellaneous – Posting Board**

A

**VINYL GRAPHIC**

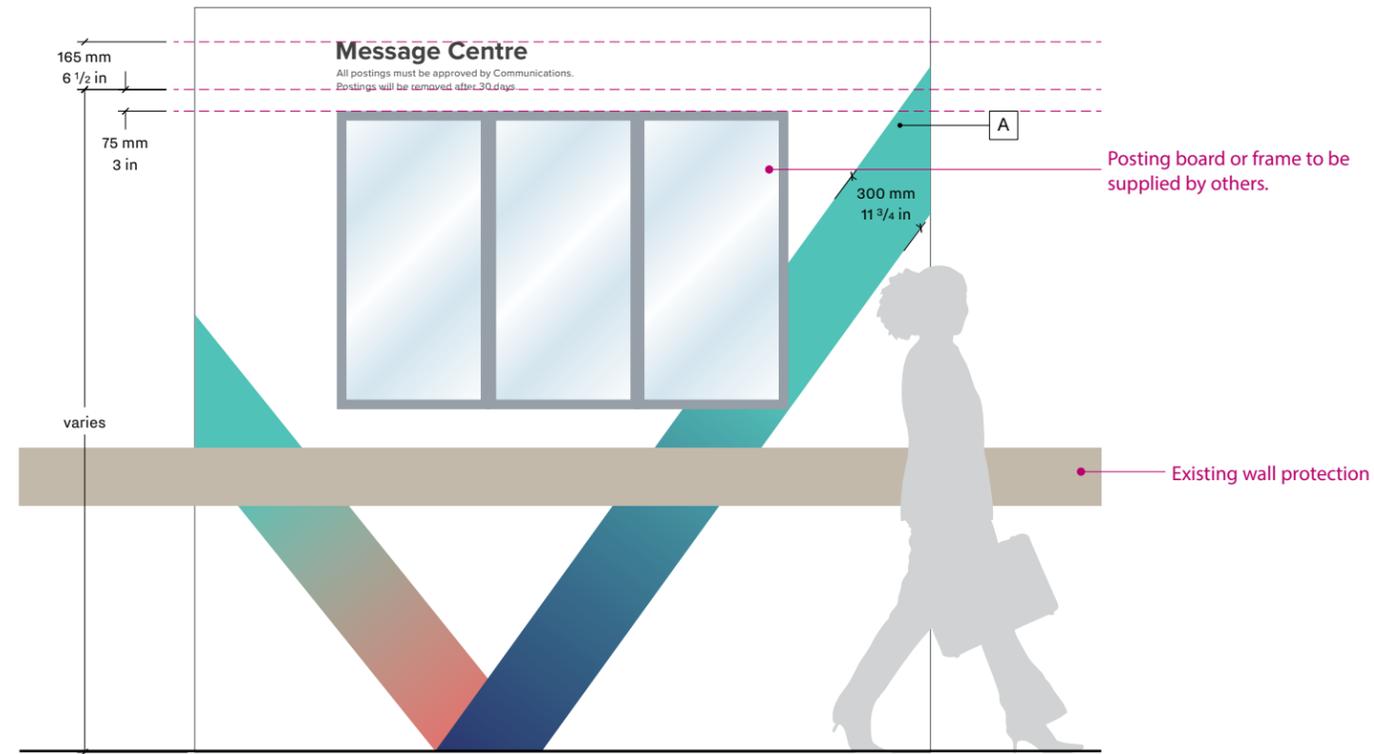
- Dreamscape-20oz (457g/m<sup>2</sup>) Type II, matte finish.
- Embossed vinyl face with laminated fabric backing.
- Backing to be poly-cotton woven, or similar.

**Installation:**

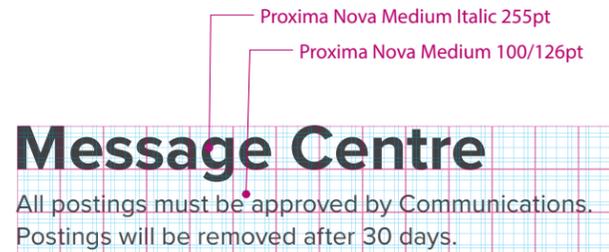
- Standard commercial wallcovering pastes, primers, and techniques.
- Requires drywall finish to be level 4 or better.
- Install behind posting board, or ensure wall paper is flush with edges of existing cabinet.

**ENVIRONMENTAL DIFFERENCES**

Wall widths and text placements shown are for optimal placement, but may need to be adjusted to suit site conditions. The Sign Fabricator is responsible for cropping or otherwise scaling the artwork. Text size should not be adjusted between locations.



1 C8: Misc – Posting Board  
Scale 1:25



2 Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

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## SIGN SPECIFICATIONS

### C9A, C9B: Miscellaneous – Window Signs

- A BASE PANEL**
- 9mm (3/8") thick acrylic, white.
  - Ø25mm (Ø1") cut-out tabs for fingerpull.

- B TOP PANEL**
- 3mm (1/8") thick clear matte acrylic.
  - Direct-print to first surface for white and teal areas shown on front views.

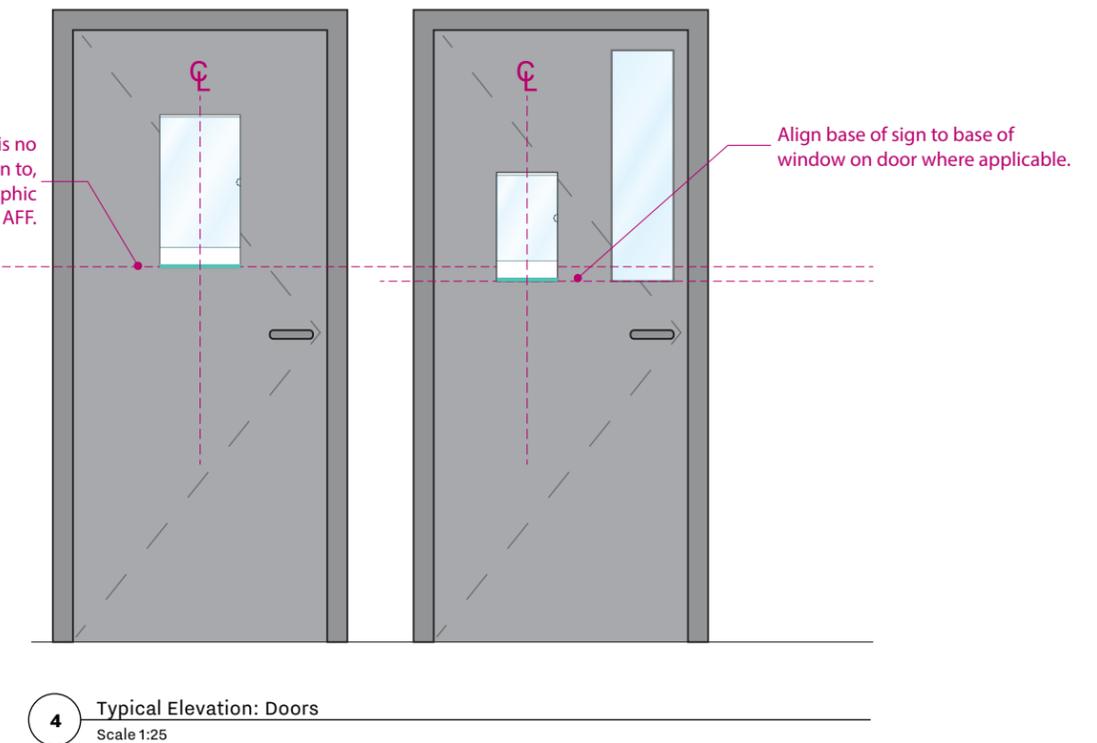
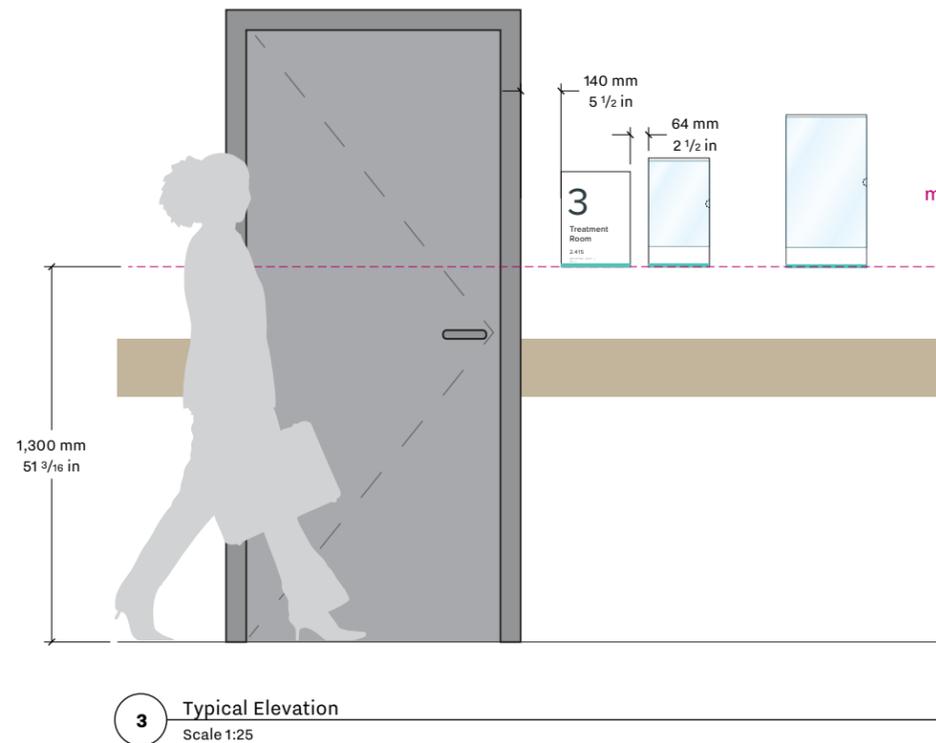
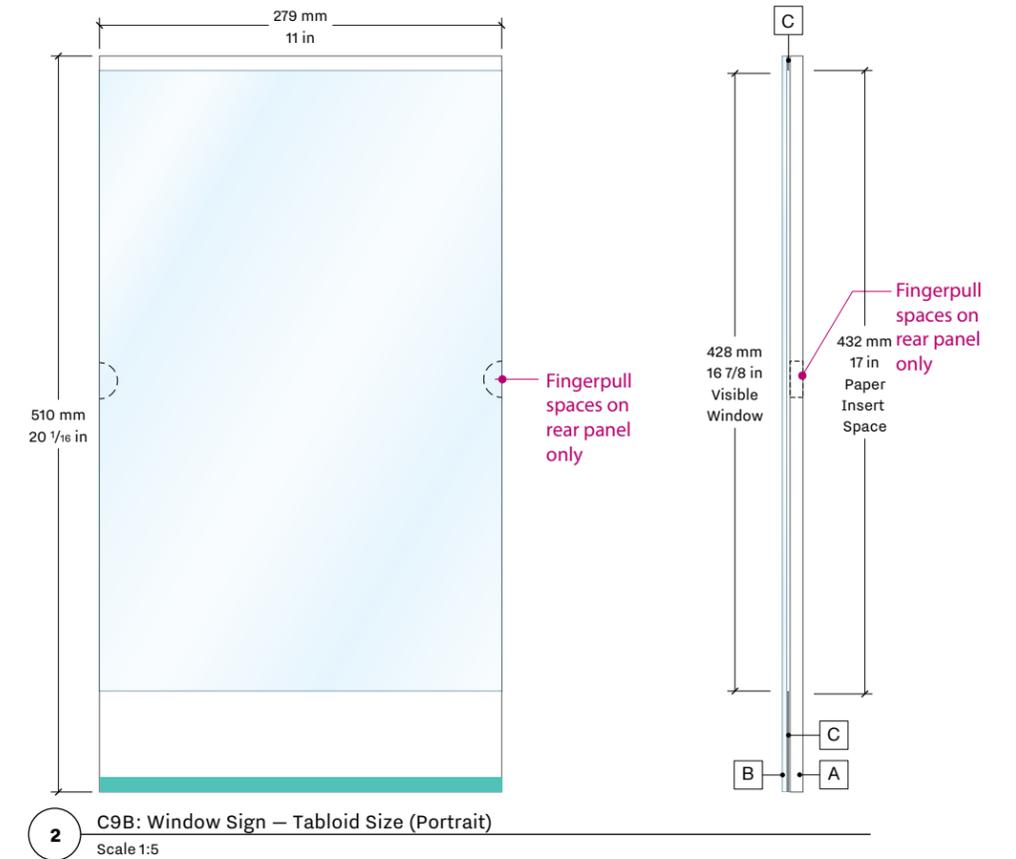
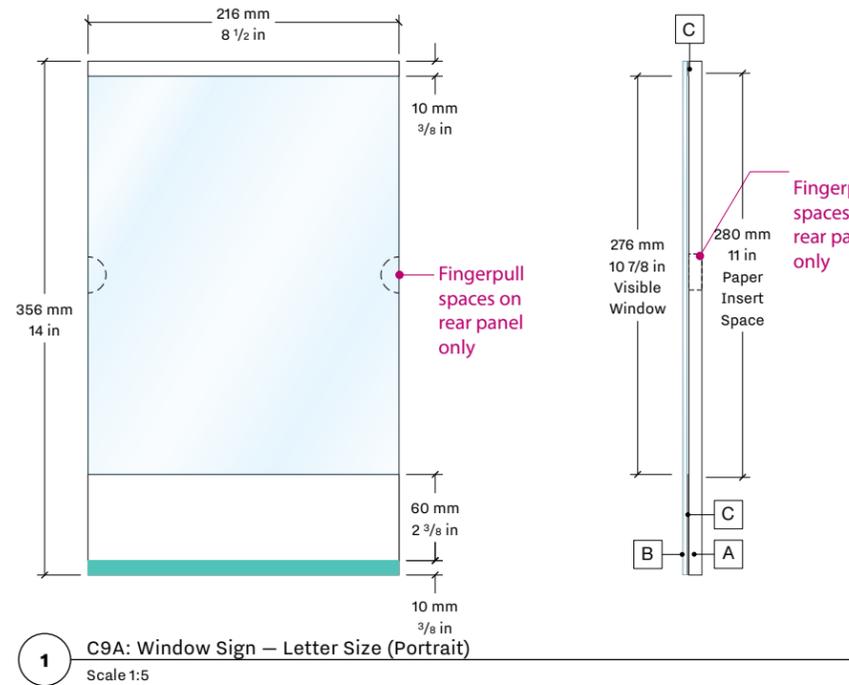
- C SPACER**
- 1mm d/s adhesive spacer, white.

- D VINYL BACKER (ONLY IF GLASS MOUNT)**
- 3M white vinyl to match shape and dimensions of base panel. Applied to first surface.
  - Not shown on views or elevation.

Installation:  
Adhere flat to wall with 3M d/s tape.

#### PAPER INSERTS

SHN is responsible for content. These window signs are designed to display typical letter (8.5x11") and tabloid (11x17") sheets of paper.



**SIGN SPECIFICATIONS**

**C9C, C9D: Miscellaneous – Window Signs**

- A BASE PANEL**
  - 9mm (3/8") thick acrylic, white.
  - Ø25mm (Ø1") cut-out tabs for fingerpull.

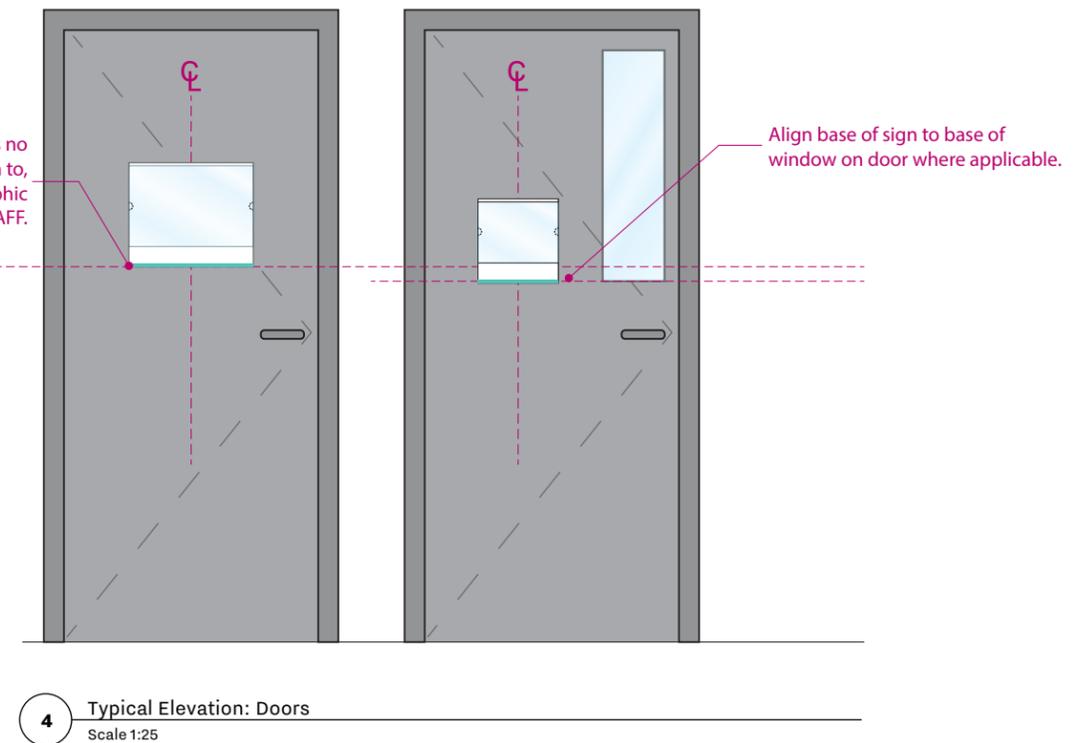
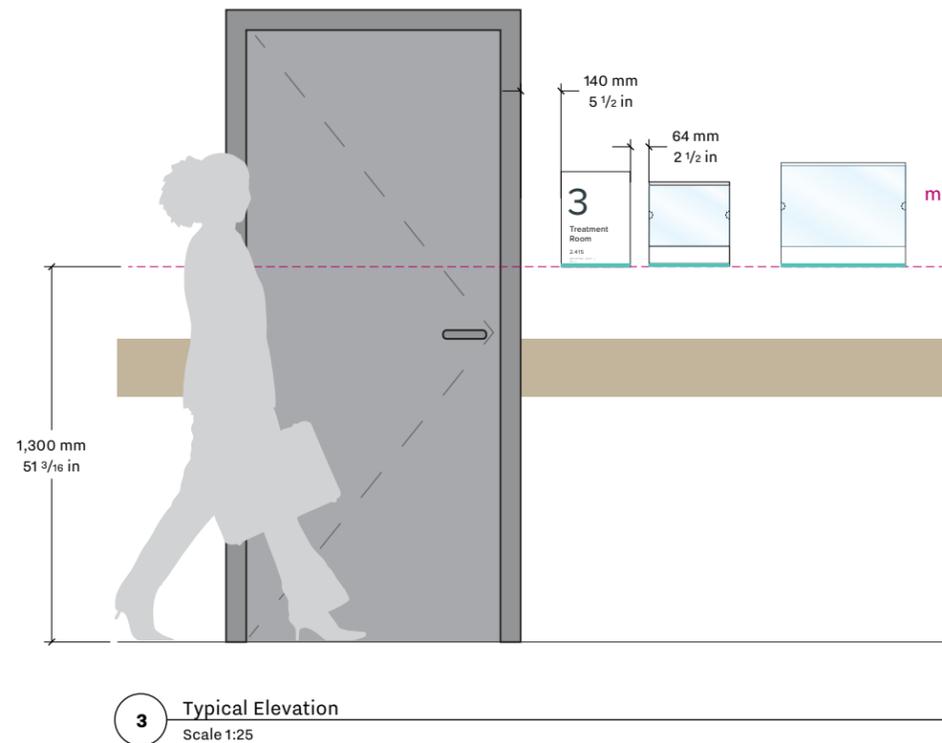
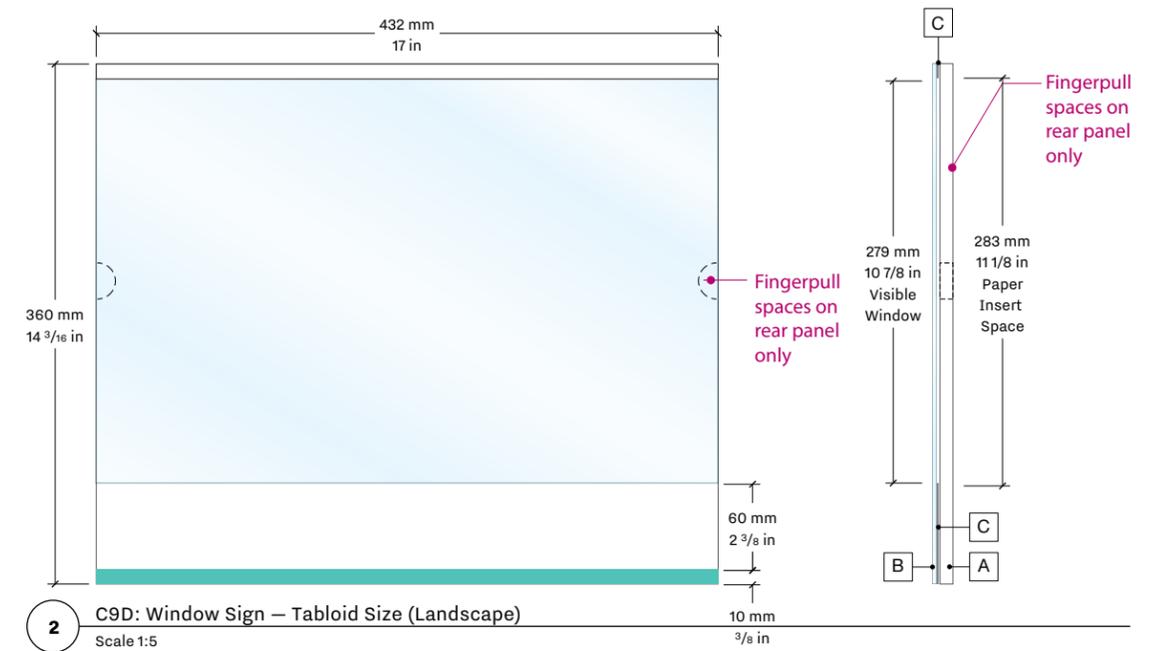
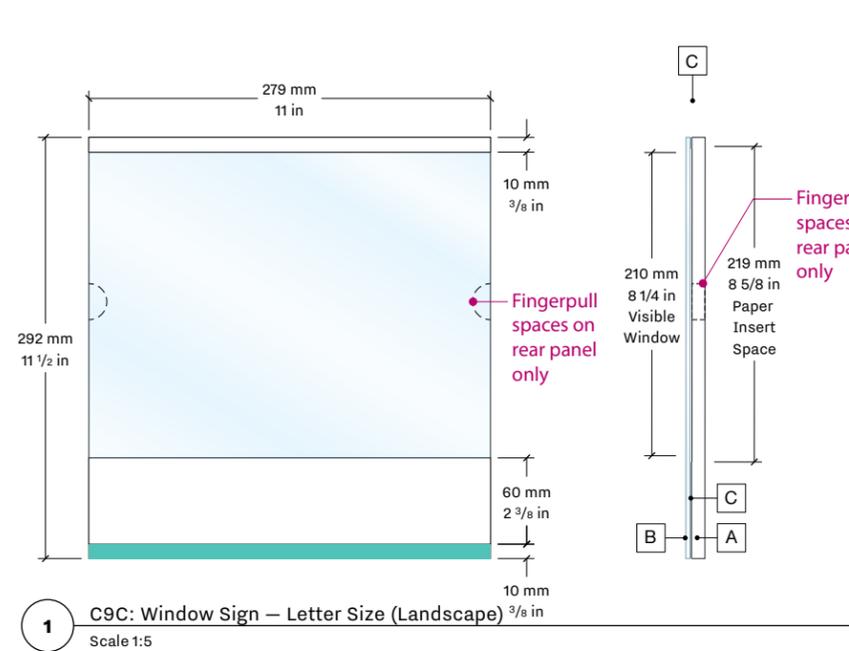
- B TOP PANEL**
  - 3mm (1/8") thick clear matte acrylic.
  - Direct-print to first surface for white and teal areas shown on front views.

- C SPACER**
  - 1mm d/s adhesive spacer, white.

- D VINYL BACKER (ONLY IF GLASS MOUNT)**
  - 3M white vinyl to match shape and dimensions of base panel. Applied to first surface.
  - Not shown on views or elevation.

Installation:  
Adhere flat to wall with 3M d/s tape.

**PAPER INSERTS**  
SHN is responsible for content. These window signs are designed to display typical letter (8.5x11") and tabloid (11x17") sheets of paper.



# SIGN SPECIFICATIONS

## C10A, C10B: Emergency Process Guide

- A FRAME**
  - Fabricated aluminum angle frame with all visible faces painted 'Emergency Red'.
  - PVC backer with embedded earth magnets.
- B SIGN FACES**
  - 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

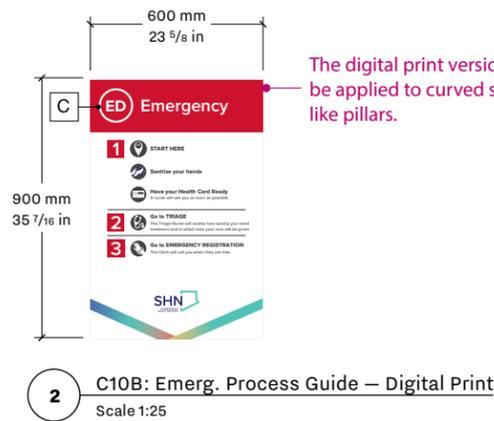
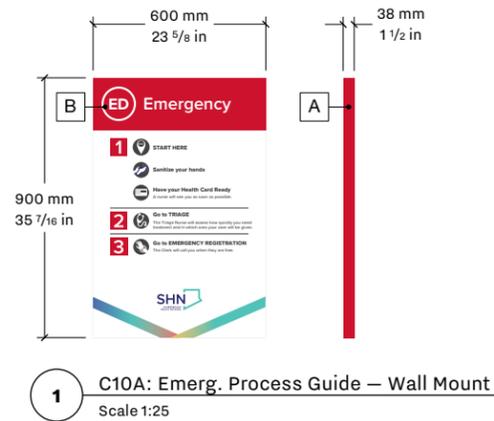
**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

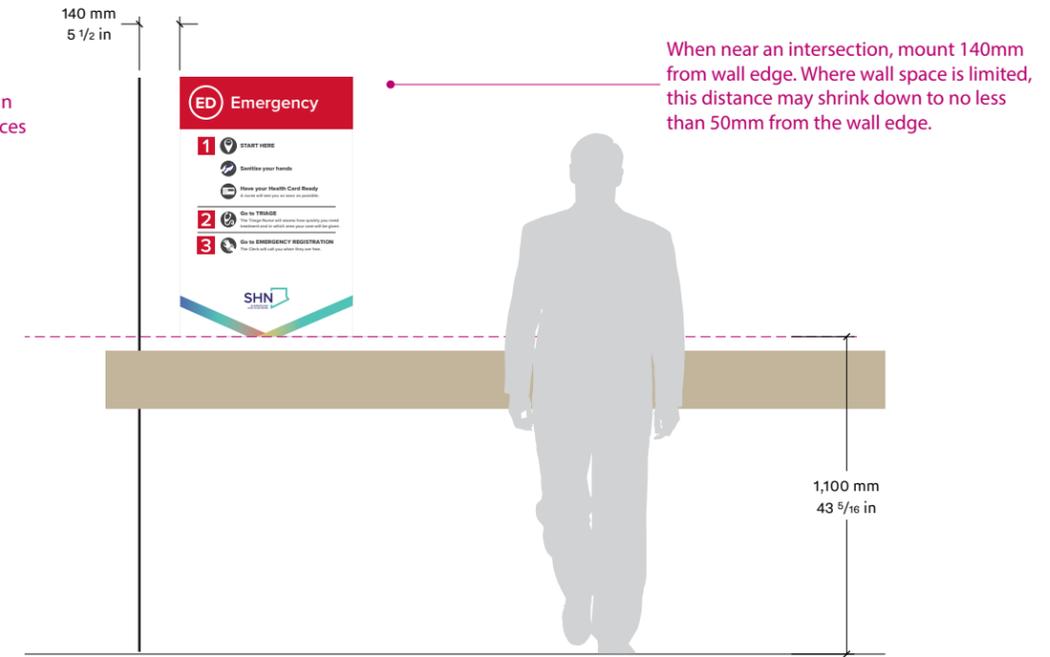
- C DIGITAL PRINT**
  - 3M Scotchcal Graphic Film for Textured Surfaces (IJ8624)
  - 3M Scotchcal 8520 matte overlamine

**Installation:**  
Apply to first surface of glass window

**UPDATABILITY**  
For C10A, the entire PVC panel is to be removed from the frame and replaced with its update. For C10B, simply reprint and replace the digital print.

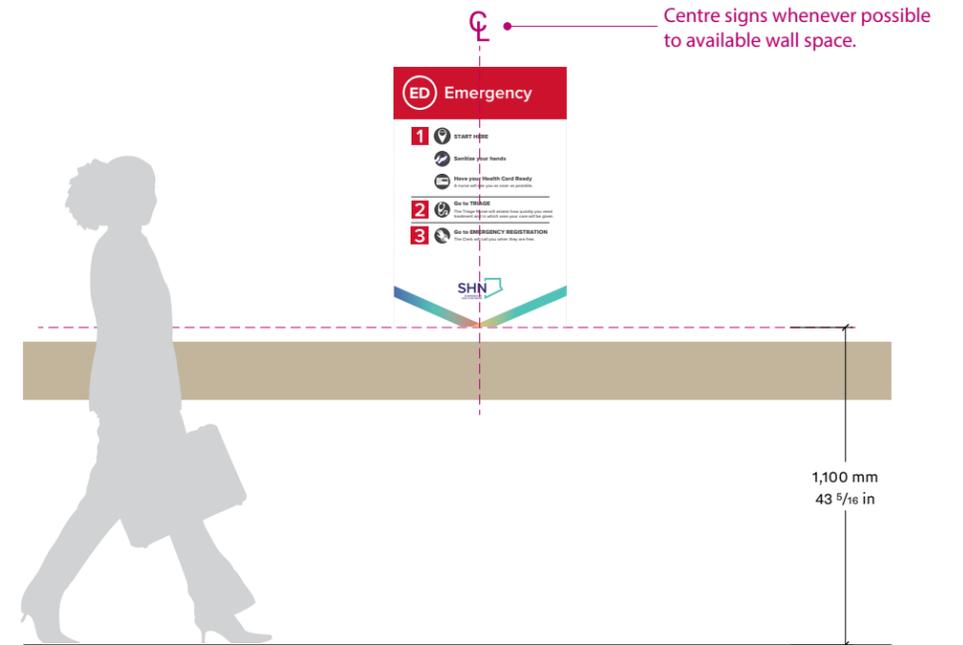
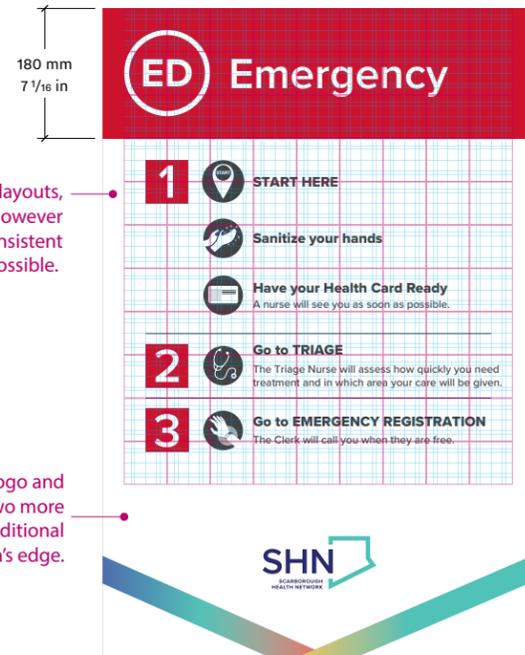


The digital print version can be applied to curved surfaces like pillars.



When it comes to signs with variable layouts, start with using the grid, then carry on however the content makes sense. Try to be as consistent as possible.

If more lines are needed, remove logo and gradient bands to create space for two more rows of grid squares. Any more than two additional rows would become too close to the sign's edge.



= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
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# SIGN SPECIFICATIONS

## C11: Miscellaneous – Digital Print

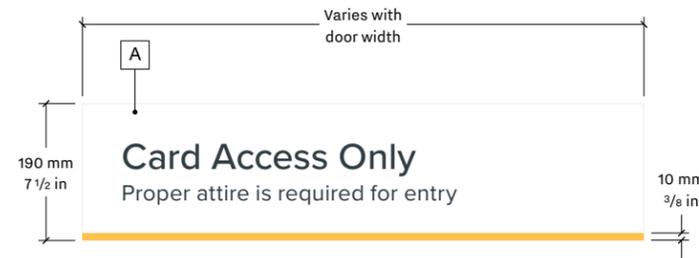
- A** **DIGITAL PRINT**
- 3M matte white vinyl with digital print.
  - 3M Scotchcal 8520 matte overlamine.

Installation:

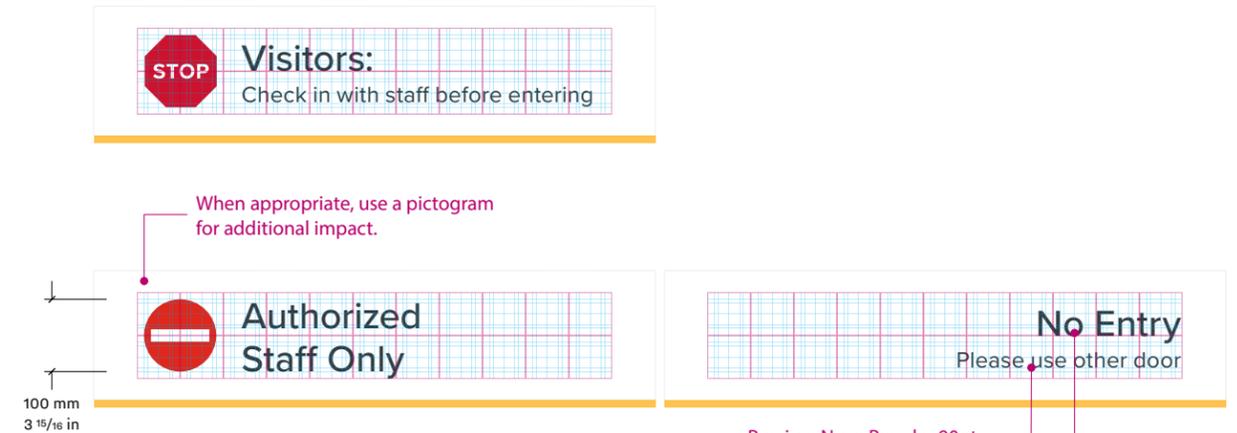
- Apply directly to available door space.

**VARIABLE MESSAGES**

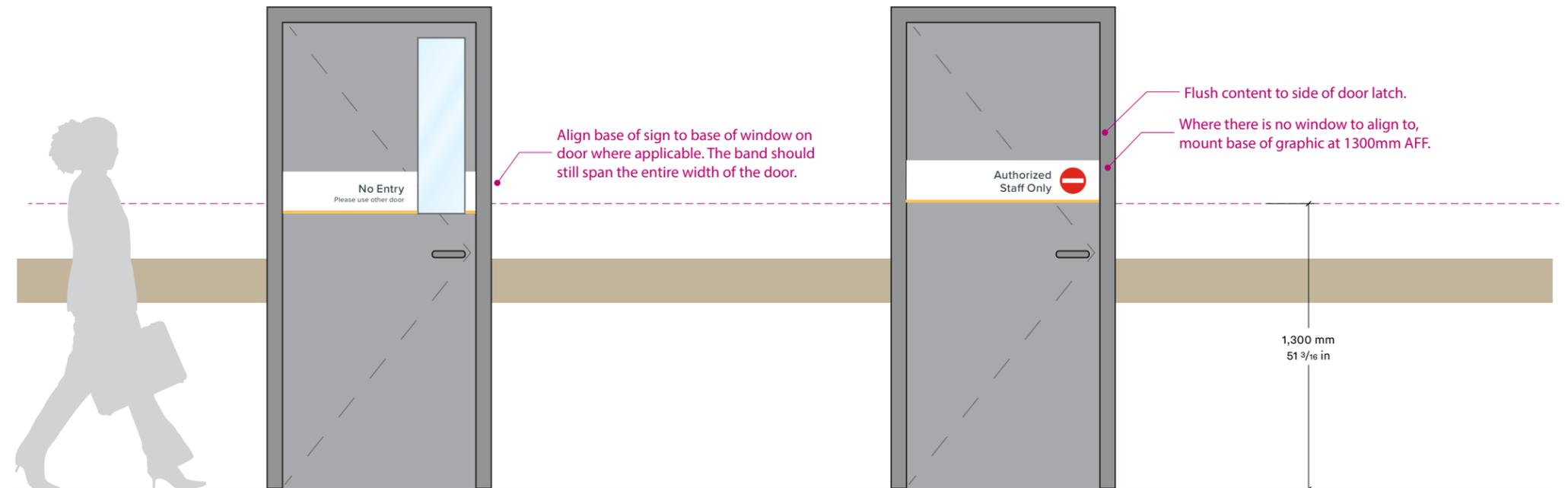
Messages and layouts will vary and are anticipated to change from condition to condition. As such, use the grid as closely as possible to create new messages as needed, and keep typographical treatments (size, weight, line spacing, etc) as consistent as possible across the site. Keep messages short and succinct.



**1** C11: Misc – Digital Print  
Scale 1:25



**2** C11: Graphic Standards  
Scale 1:10



**3** Mounting Location: Typical  
Scale 1:25

= 60x60mm grid structure used for sign

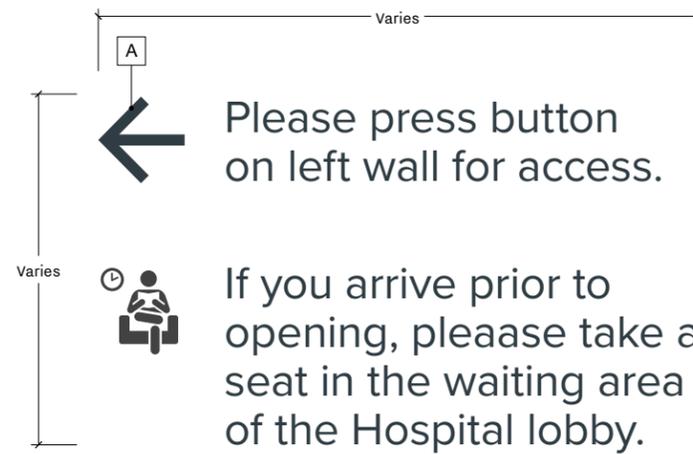
# SIGN SPECIFICATIONS

## C12: Miscellaneous – Vinyl Messaging

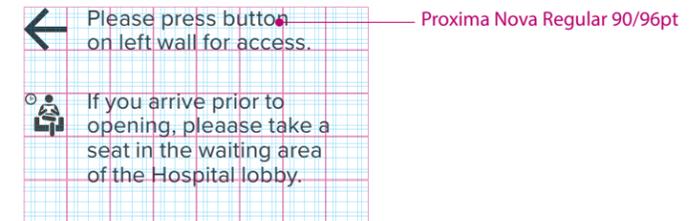
**A MATERIAL**  
• 3M Kiss-cut vinyl to match colours

**Application:**  
Apply directly to material surface. When applying to glass or other transparent surfaces, apply vinyl to the first-surface side wherever possible.

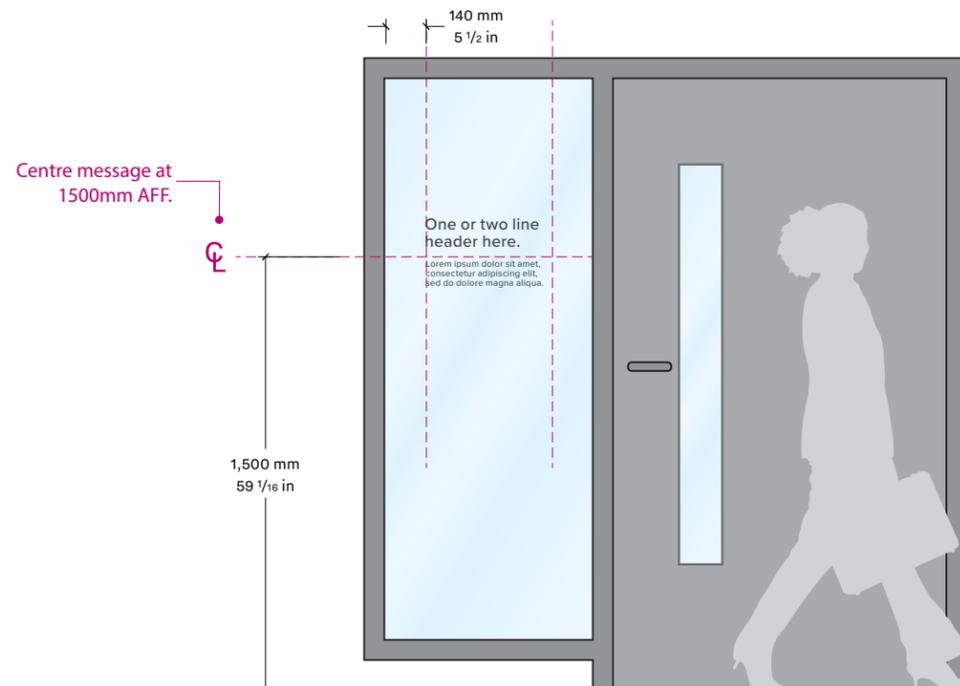
**COLOUR**  
On light surfaces, use dark grey vinyl. On dark surfaces, use white vinyl. Where back lighting may interfere with legibility of vinyl placed on glass surfaces, install frosted vinyl 3" from the bottom of the vinyl, extending the entire width of the window, second surface. For glass surfaces that don't need to be viewed through, frosted vinyl may instead cover the entire glass panel, instead.



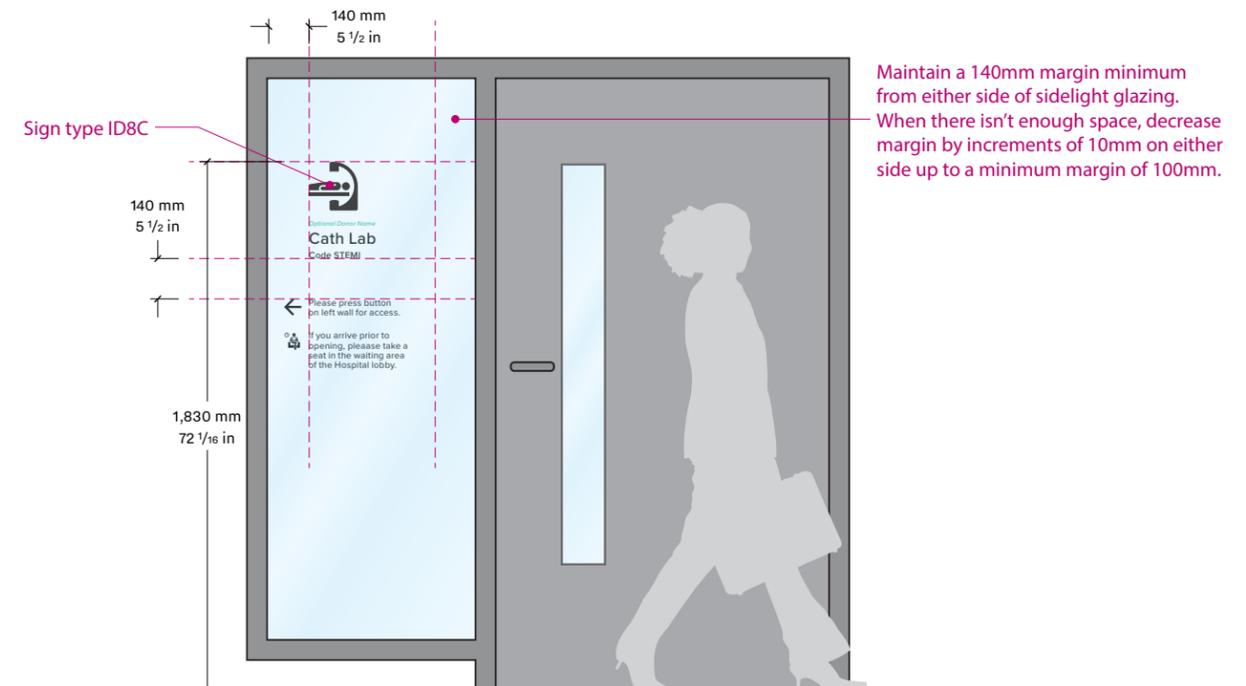
1 C12: Misc – Vinyl Messaging  
Scale 1:10



2 Graphic Standards  
Scale 1:10



3 Typical Elevation  
Scale 1:25



4 Typical Elevation with ID8C  
Scale 1:25

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## D1A, D1B, D1C: Directional – Wall Mount

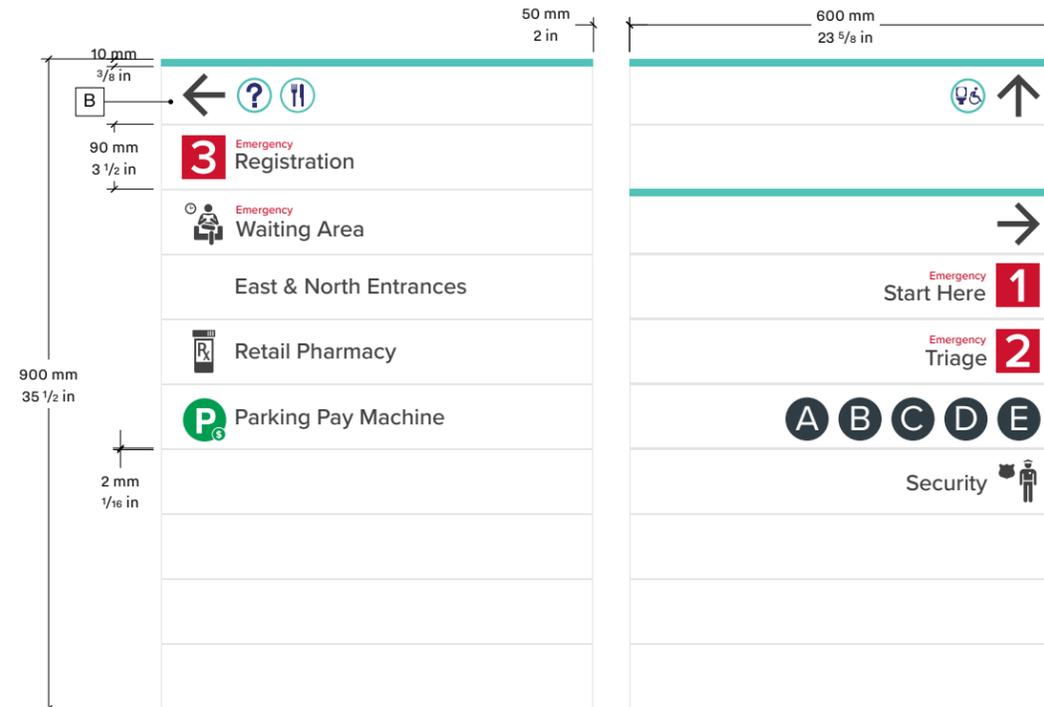
- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Blue'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

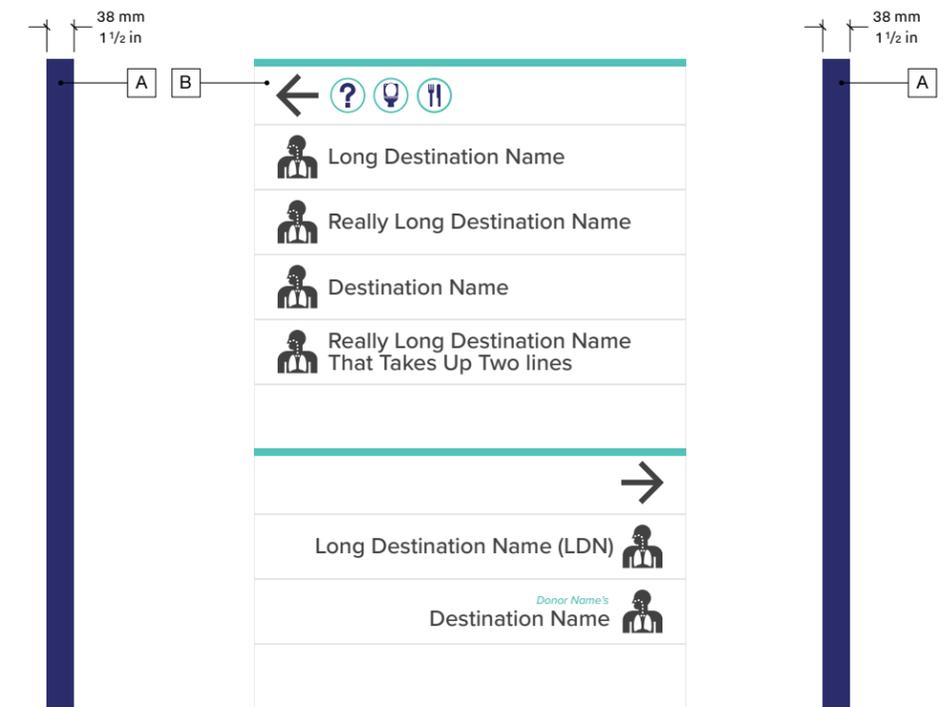
**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.



1 D1A: Directional – Wall Mount – Large  
Scale 1:10



2 D1B: Directional – Wall Mount – Medium  
Scale 1:10



3 D1C: Directional – Wall Mount – Small  
Scale 1:10

# SIGN SPECIFICATIONS

## D1A, D1B, D1C: Directional – Wall Mount

### CONTENT:

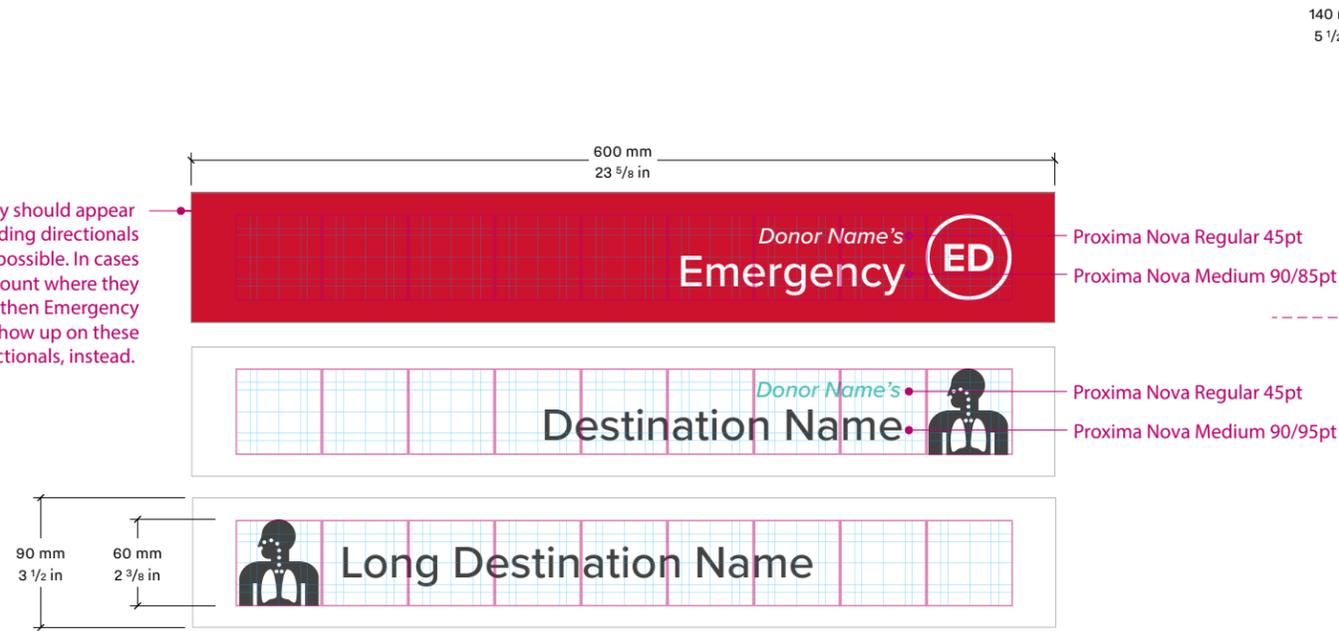
Directions should be listed in order of straight ahead, right and left when they appear on a single panel. Straight ahead direction is to be flush to the side of the sign where continuing straight ahead is applicable.

Individual destinations within each direction should be listed in alphabetical order, with the exception of "Emergency" which is always listed first.

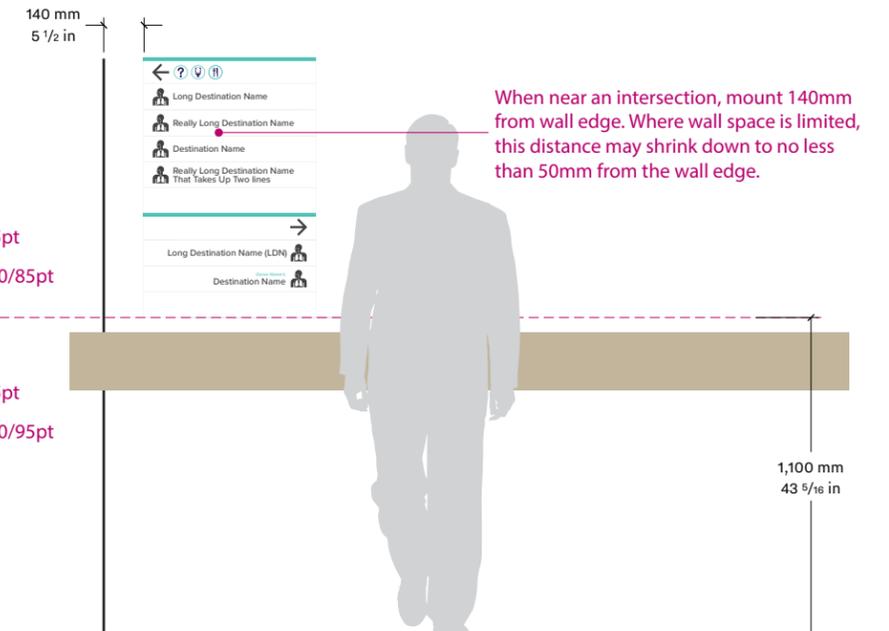
### PICTOGRAMS:

Base building pictograms are to be listed on the same line as the arrow for each direction. When present, pictograms should always be listed from left to right in this order: Information, Washrooms, Cafeteria/Coffee Shop, Elevators, Other. Elevators should be listed in alphabetical order from left to right.

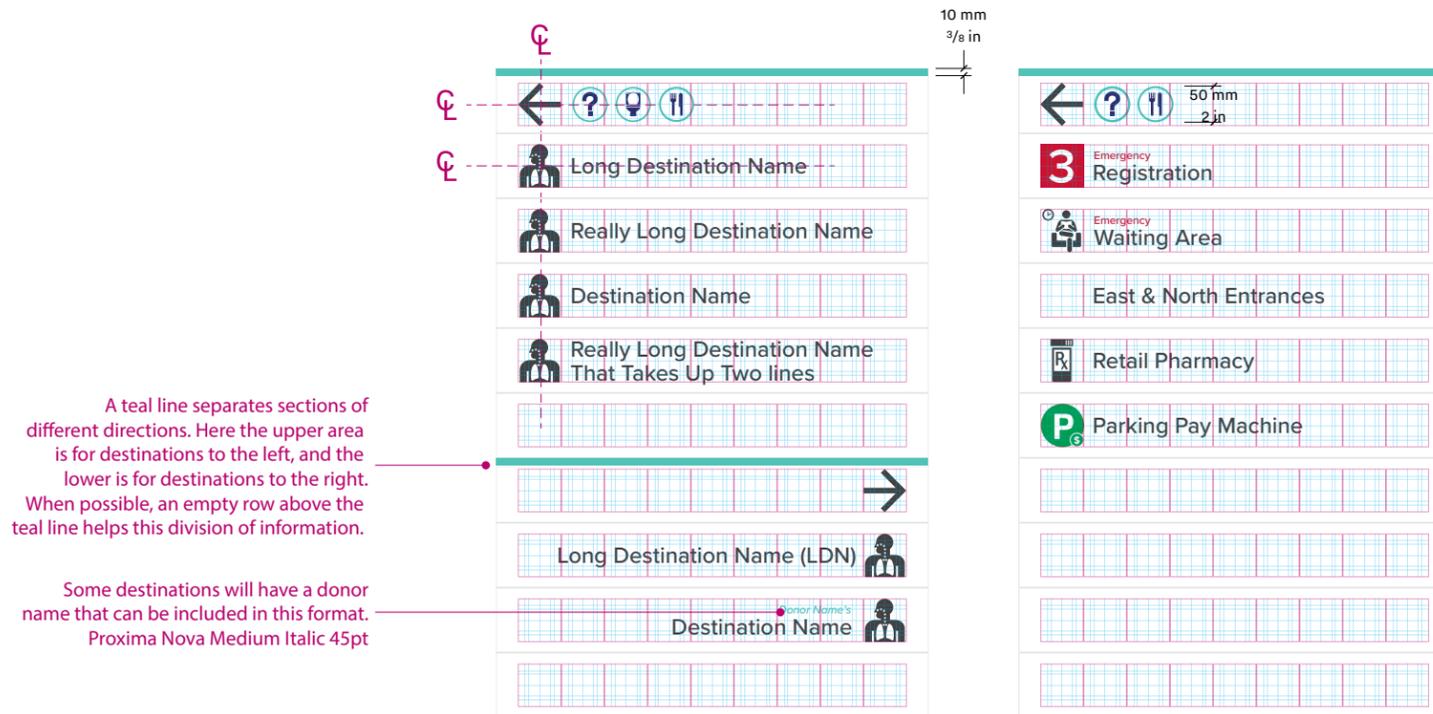
Emergency should appear on inter-building directionals whenever possible. In cases like at Birchmount where they are not used, then Emergency will instead show up on these directionals, instead.



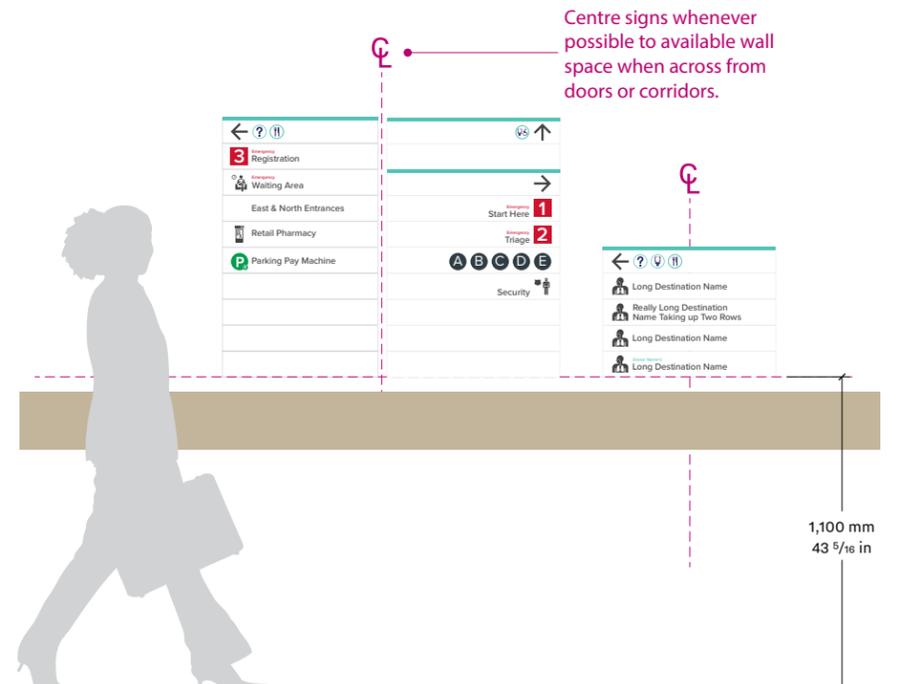
4 Graphic Variations  
Scale 1:5



6 Typical Elevation: Intersections  
Scale 1:25



5 Graphic Standards  
Scale 1:10



7 Typical Elevation  
Scale 1:25

= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### D1D, D1E: Directional – Bulkhead

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Blue'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.

**CONTENT:**  
Directions should be listed in order of straight ahead, right and left when they appear on a single panel. Left and right should be aligned to their respective sides where possible.

Individual destinations within each direction should be listed in alphabetical order, with the exception of "Emergency" which is always listed first.

**PICTOGRAMS:**  
Base building pictograms are to be listed on the same line as the arrow for each direction. When present, pictograms should always be listed from left to right in this order: Information, Washrooms, Cafeteria/Coffee Shop, Elevators, Other. Elevators should be listed in alphabetical order from left to right.

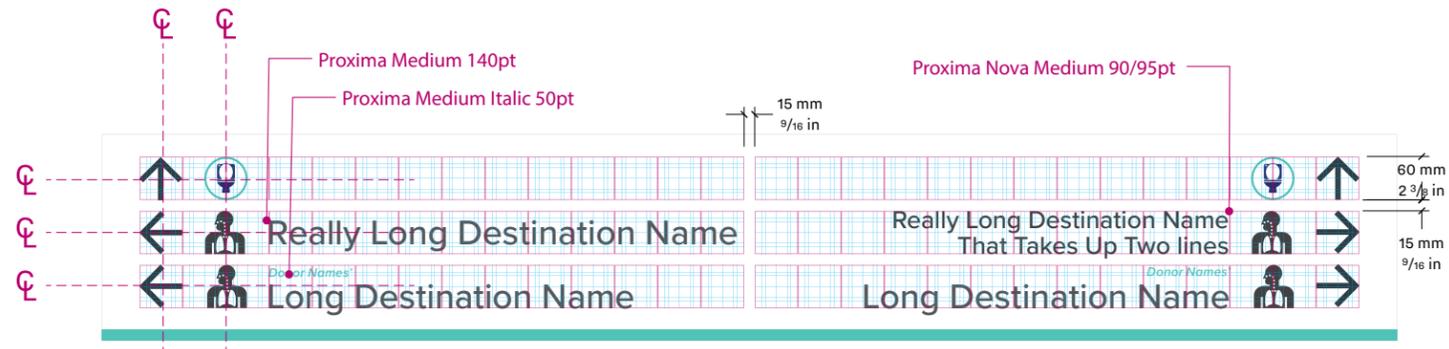
**SITE CONDITION TOO NARROW?**  
Signage contractor responsible to verify all site conditions. If bulkhead condition doesn't offer enough height by 75mm or less, remove the top row, moving the top of the sign down to 30mm above the second row's grid.



1 D1D: Directional – Bulkhead – Medium  
Scale 1:25

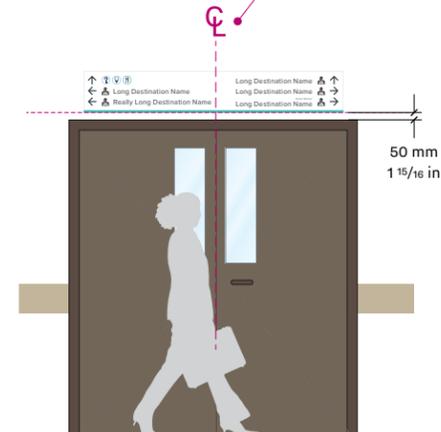


2 D1E: Directional – Bulkhead – Small  
Scale 1:25



3 Graphic Standards  
Scale 1:10

Centre directional signs on available wall space as much as possible. Where there are immovable obstructions, like an integrated Exit sign, this sign can be translated left or right to accommodate, accordingly.



4 Typical Elevation  
Scale 1:50

 = 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### D2A, D2B, D2C, D2D, D2E: Directional – Suspended

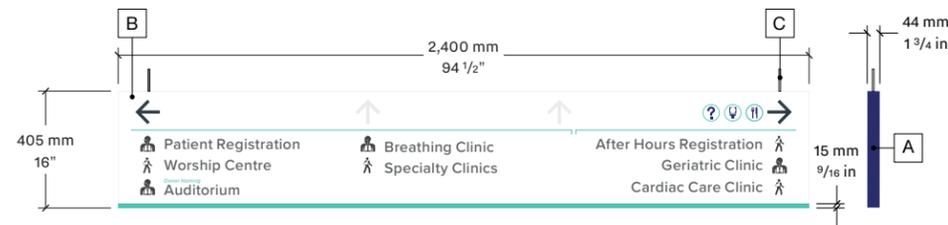
- A FRAME**
- 44mm (1 3/4") thick fabricated aluminum angle frame with all visible faces painted 'SHN Blue'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

- C SUSPENSION CABLE**
- 1.5mm (1/16") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.

See technical drawing for typical suspended signs in the 'Interior Sign Technical Drawings' section.

**FLEXIBLE SIGN WIDTH:**  
When the sign is too wide for a corridor, the width of the sign may be reduced to accommodate the condition. See the following page for how.



1 D2A: Directional – Suspended – Large  
Scale 1:25



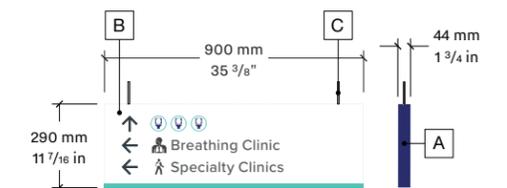
2 D2B: Directional – Suspended – Medium  
Scale 1:25



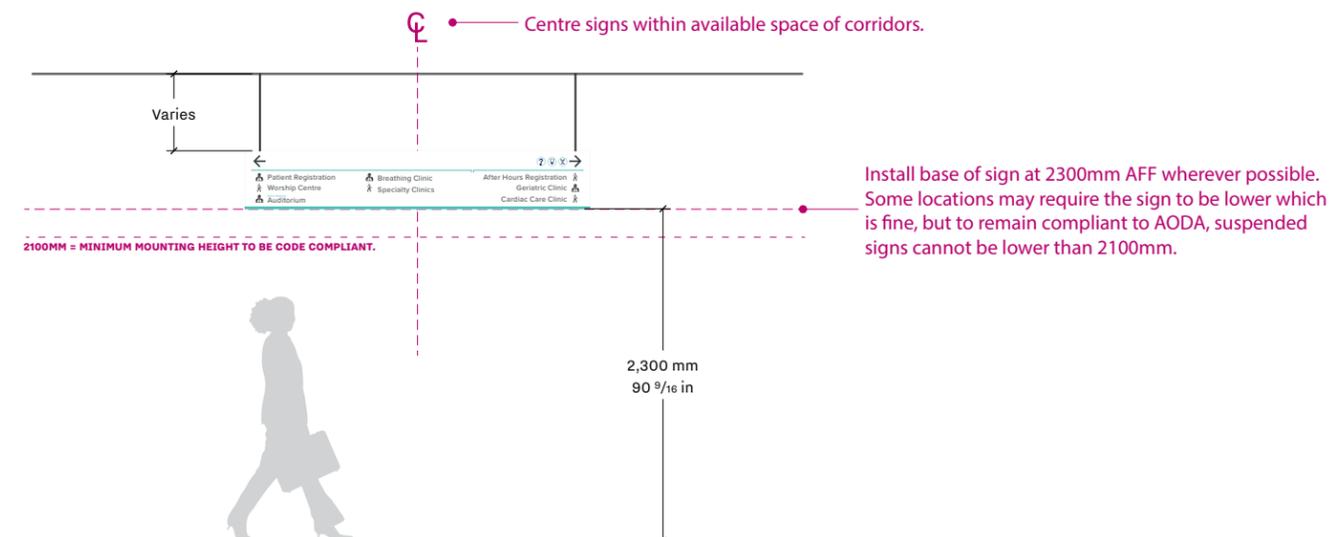
3 D2C: Directional – Suspended – Small  
Scale 1:25



4 D2D: Directional – Clinical Suspended Directional – Medium  
Scale 1:25



5 D2E: Directional – Clinical Suspended – Small  
Scale 1:25



6 Typical Mounting for D2 family (D2A shown)  
Scale 1:50

# SIGN SPECIFICATIONS

## D2A, D2B, D2C, D2D, D2E: Directional – Suspended

### CONTENT:

Individual destinations within each column should be listed in alphabetical order, with the exception of "Emergency" which is always listed first.

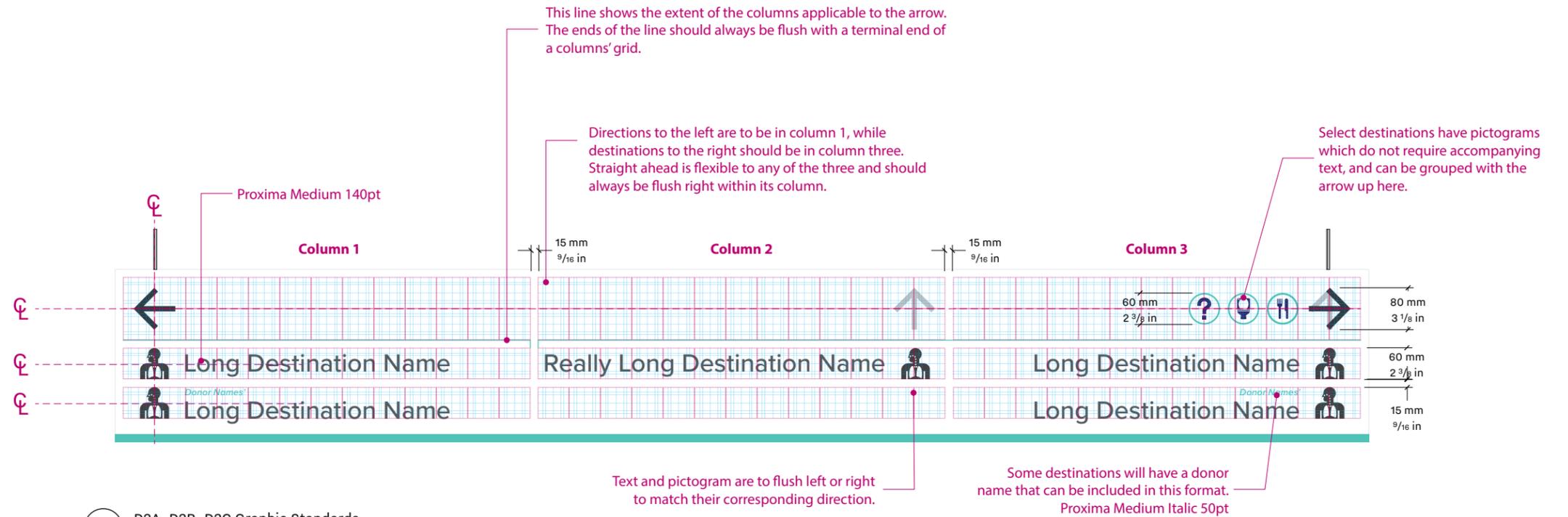
### PICTOGRAMS:

Base building pictograms are to be listed on the same line as the arrow for each direction. When present, pictograms should always be listed from left to right in this order: Information, Washrooms, Cafeteria/Coffee Shop, Elevators, Other. Elevators should be listed in alphabetical order from left to right.

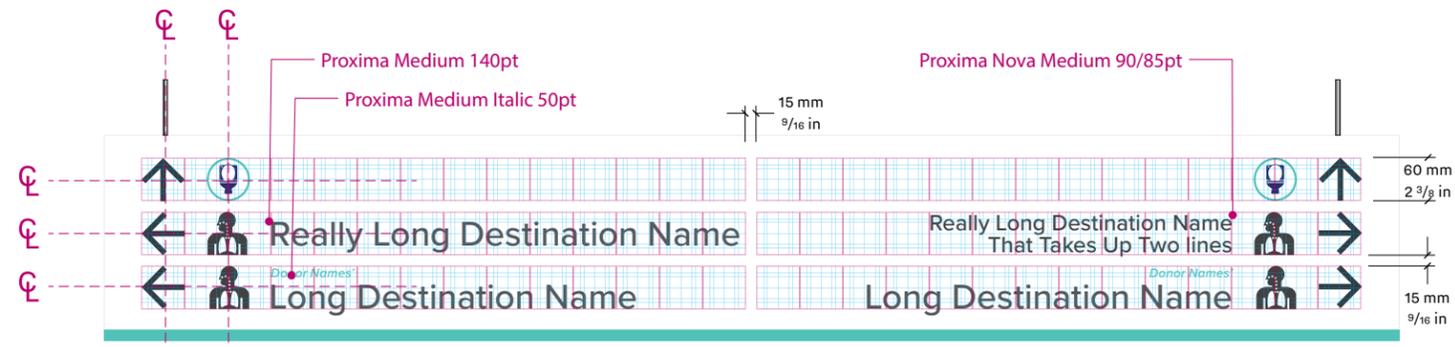
### FLEXIBLE SIGN WIDTH:

When the sign is too wide for a corridor, the width of the sign may be reduced. To do so, reduce each column by 60mm, or the equivalent of one grid square, until the sign fits within the span of the corridor.

The space between columns, and all other margins are to remain the same.



7 D2A, D2B, D2C Graphic Standards  
Scale 1:10



8 D2D, D2E Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## D3A, D3B: Interbuilding Directional – Wall Mount

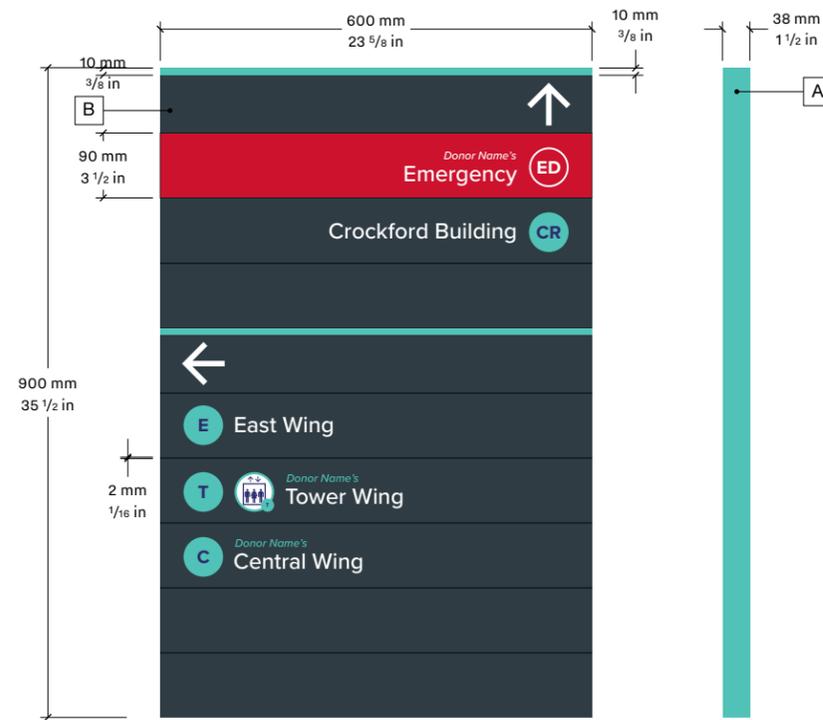
- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

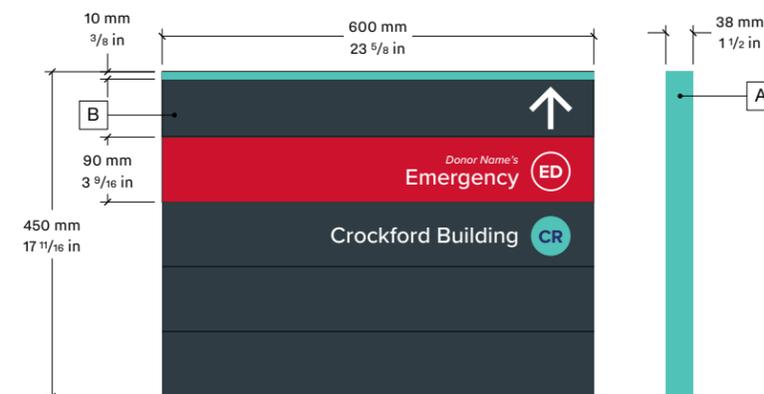
**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

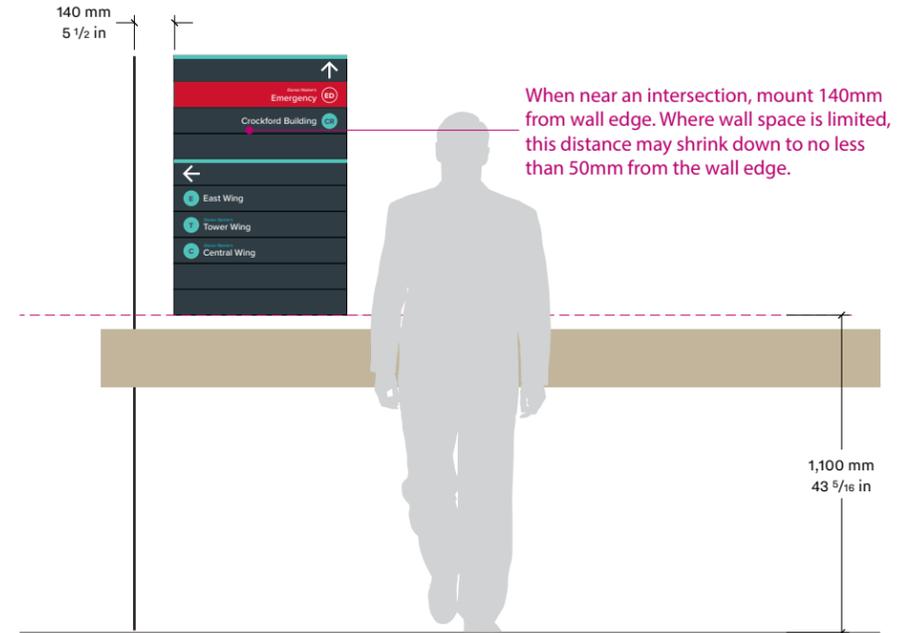
**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.



**1** D3A: Interbuilding Directional – Wall Mount – Medium  
Scale 1:10



**2** D3B: Interbuilding Directional – Wall Mount – Small  
Scale 1:10



**3** Typical Elevation: Intersections  
Scale 1:25



**4** Typical Elevation  
Scale 1:25

**SIGN SPECIFICATIONS**

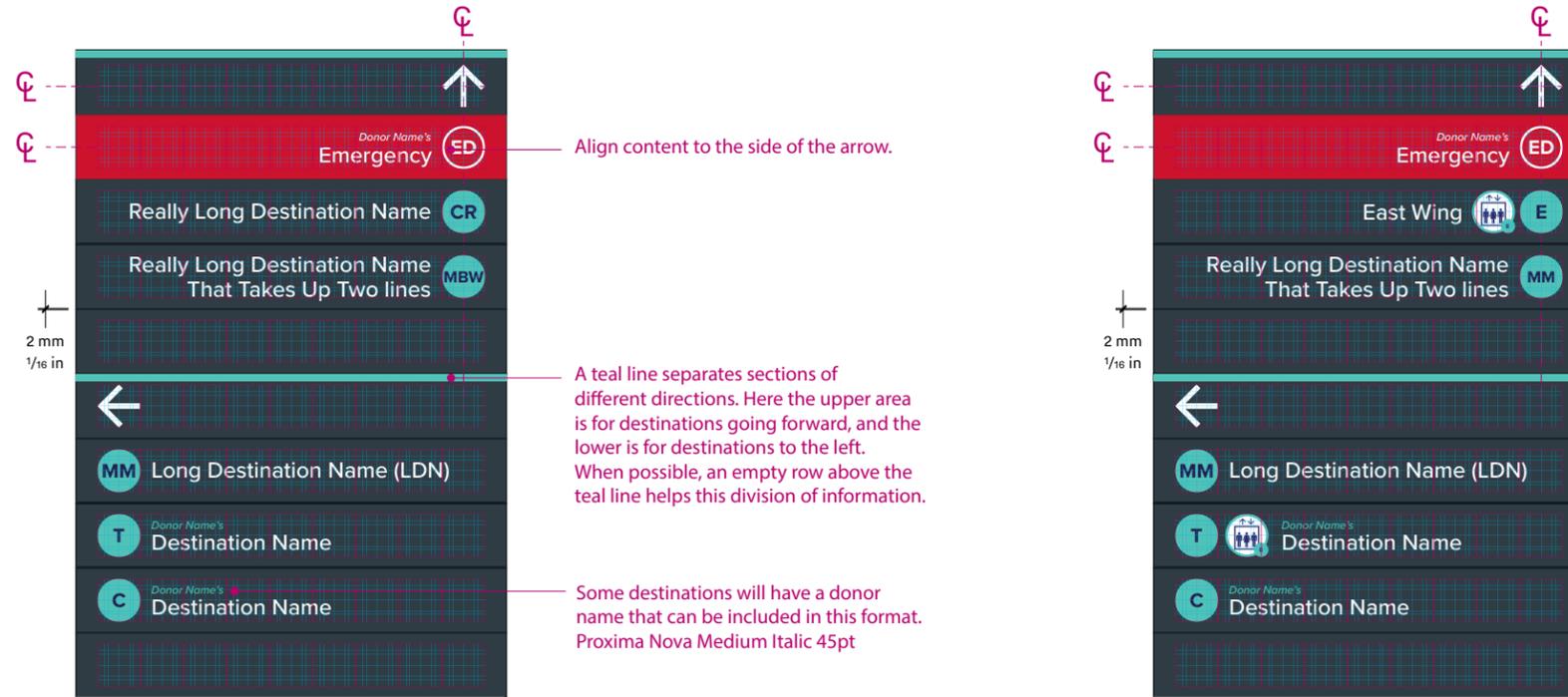
**D3A, D3B: Interbuilding Directional – Wall Mount**

**CONTENT:**

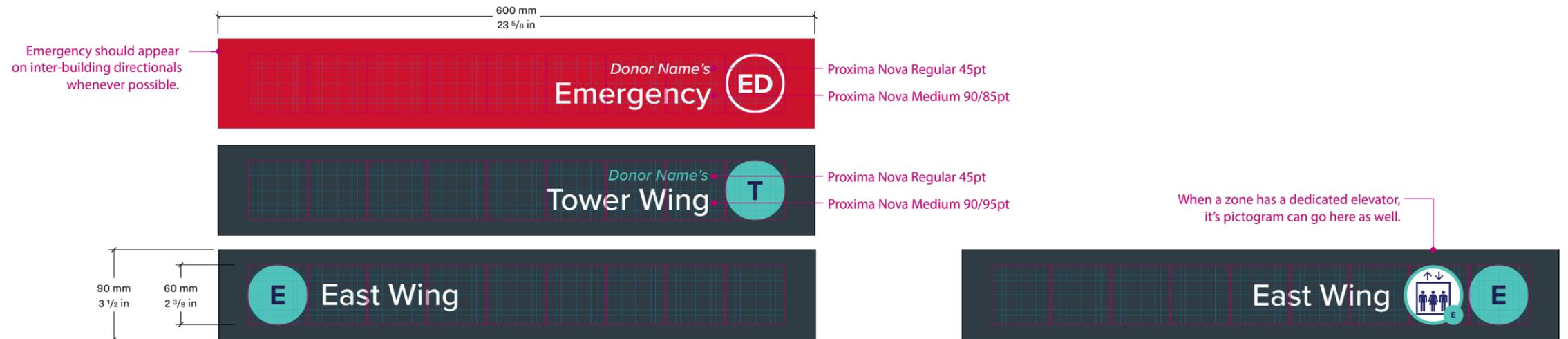
Directions should be listed in order of straight ahead, right and left when they appear on a single panel. Individual destinations within each direction should be listed in alphabetical order, with the exception of "Emergency" which is always listed first. Content should be restricted to building or zone names, and potentially elevators.

**PICTOGRAMS:**

Include the pictograms of zones, and any dedicated elevator of that zone, with the former being closer to the side of the arrow.



**5** Graphic Standards  
Scale 1:10



**6** Graphic Variations  
Scale 1:5

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## D3C, D3D, D3E: Interbuilding Directional – Bulkhead

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (¼") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

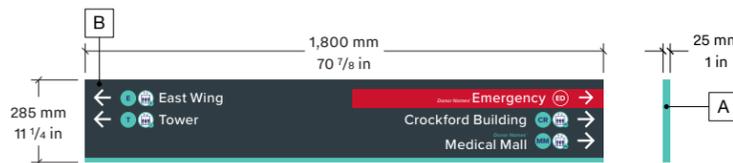
See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.

**FLEXIBLE SIGN WIDTH:**  
When the sign is too wide to fit above a door or on the bulkhead above the entryway to a corridor, the width of the sign may be reduced to accommodate the condition. See the following page for how.



**1 D3C: Interbuilding Directional – Bulkhead – Large**  
Scale 1:25

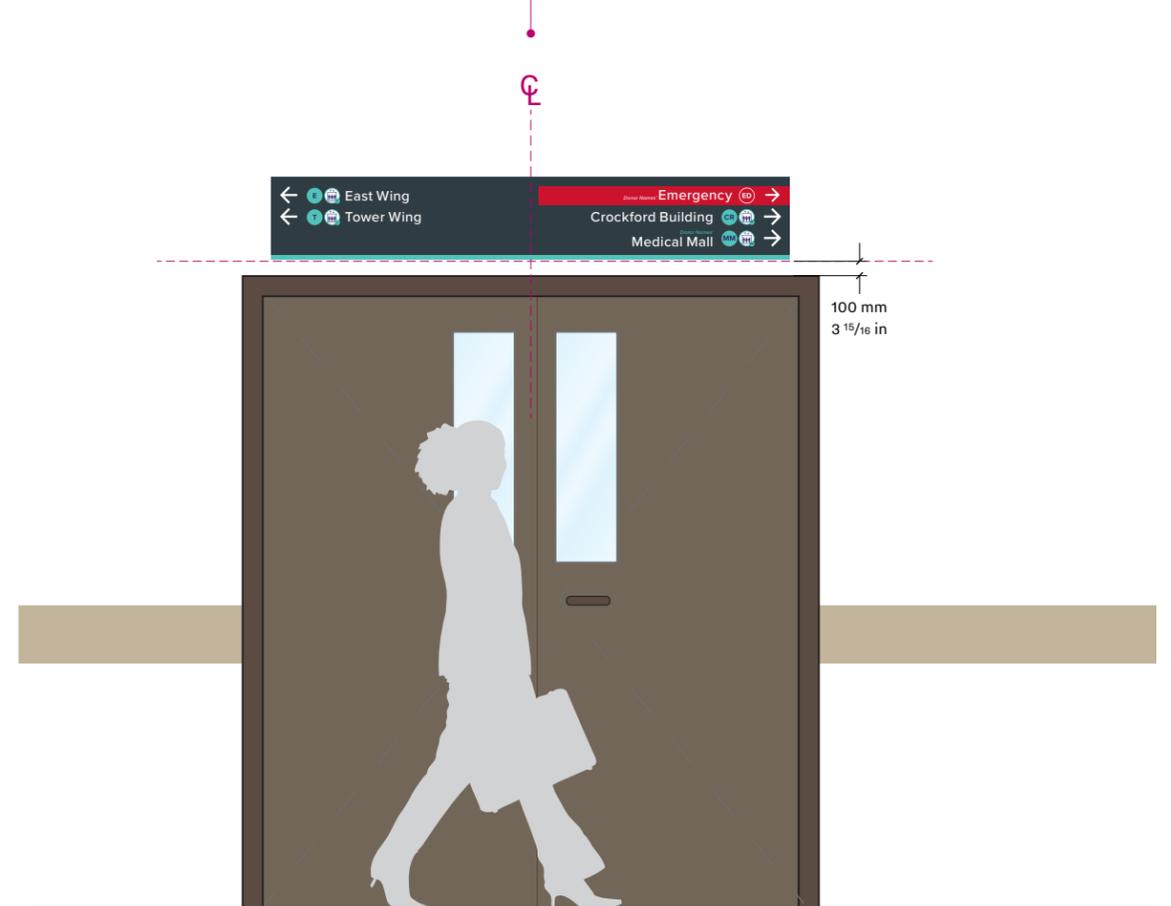


**2 D3D: Interbuilding Directional – Bulkhead – Medium**  
Scale 1:25



**3 D3E: Interbuilding Directional – Bulkhead – Small**  
Scale 1:25

Centre directional signs on available wall space as much as possible. Where there are immovable obstructions, like an integrated Exit sign, this sign can be translated left or right to accommodate, accordingly.



**4 Typical Elevation**  
Scale 1:50



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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**SIGN SPECIFICATIONS**

**D3C, D3D, D3E: Interbuilding Directional – Bulkhead**

**UPDATABILITY**

Entire PVC panel is to be removed from the frame and replaced with its update.

**CONTENT:**

Directions should be listed in order of straight ahead, right and left when they appear on a single panel. Individual destinations within each direction should be listed in alphabetical order, with the exception of "Emergency" which is always listed first. Content should be restricted to building or zone names, and elevators.

**PICTOGRAMS:**

Include the pictograms of zones, and any dedicated elevator of that zone, with the former being closer to the side of the arrow.

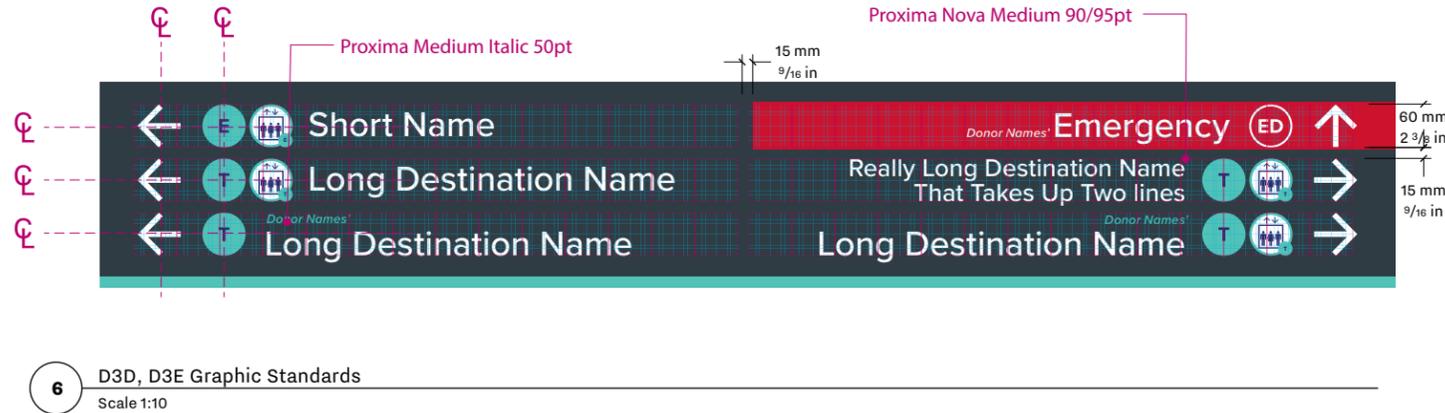
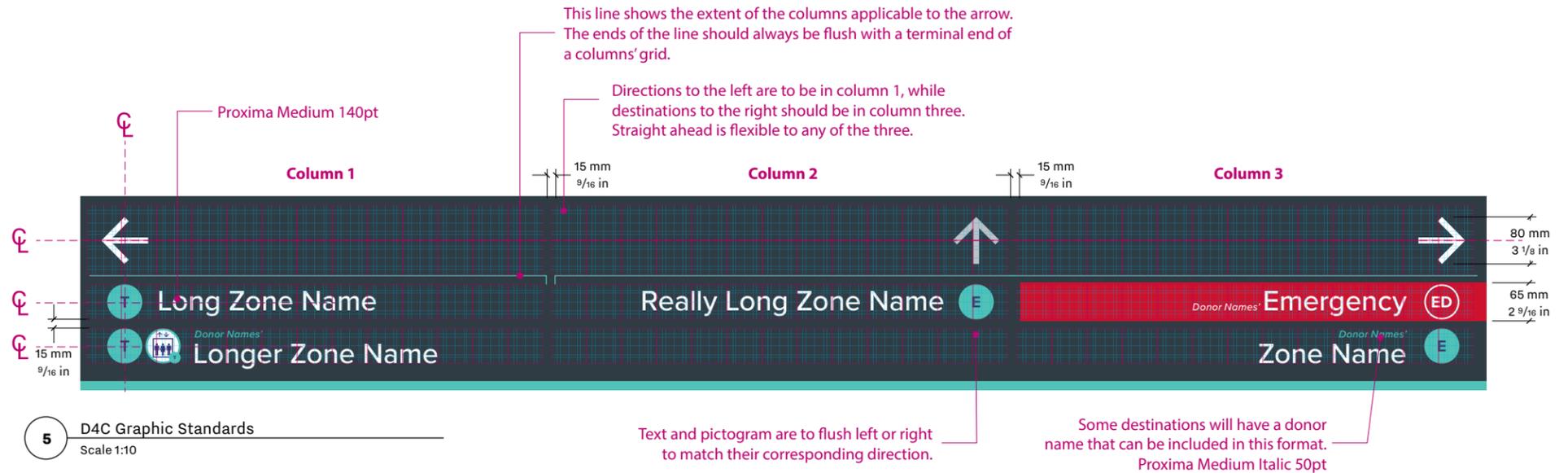
**SITE CONDITION TOO NARROW?**

Signage contractor responsible to verify all site conditions. If bulkhead condition doesn't offer enough height by 60mm or less, remove the top row, moving the top of the sign down to 30mm above the second row's grid.

**FLEXIBLE SIGN WIDTH:**

The width of the sign may be reduced to fit a site condition. To do so, reduce each column by 60mm, or the equivalent of one grid square, until the sign fits.

The space between columns, and all other margins are to remain the same.



= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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## SIGN SPECIFICATIONS

### D4A, D4B, D4C, D4D: Interbuilding Directional – Suspended

- A FRAME**
- 44mm (1 3/4") thick fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

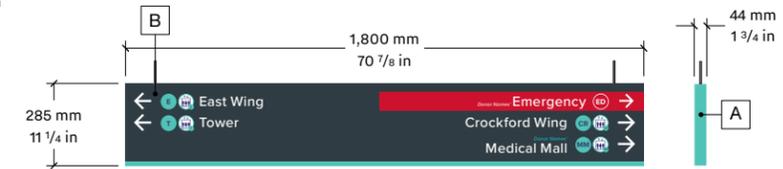
- C SUSPENSION CABLE**
- 1.5mm (1/16") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.

See technical drawing for typical suspended signs in the 'Interior Sign Technical Drawings' section.

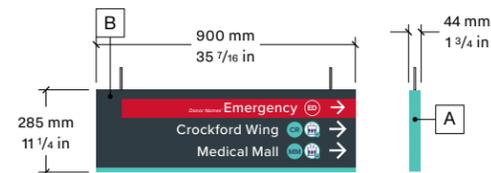
**FLEXIBLE SIGN WIDTH:**  
When the sign is too wide for a corridor, the width of the sign may be reduced to accommodate the condition. See the following page for how.



**1** D4A: Interbuilding Directional – Suspended, Large  
Scale 1:25



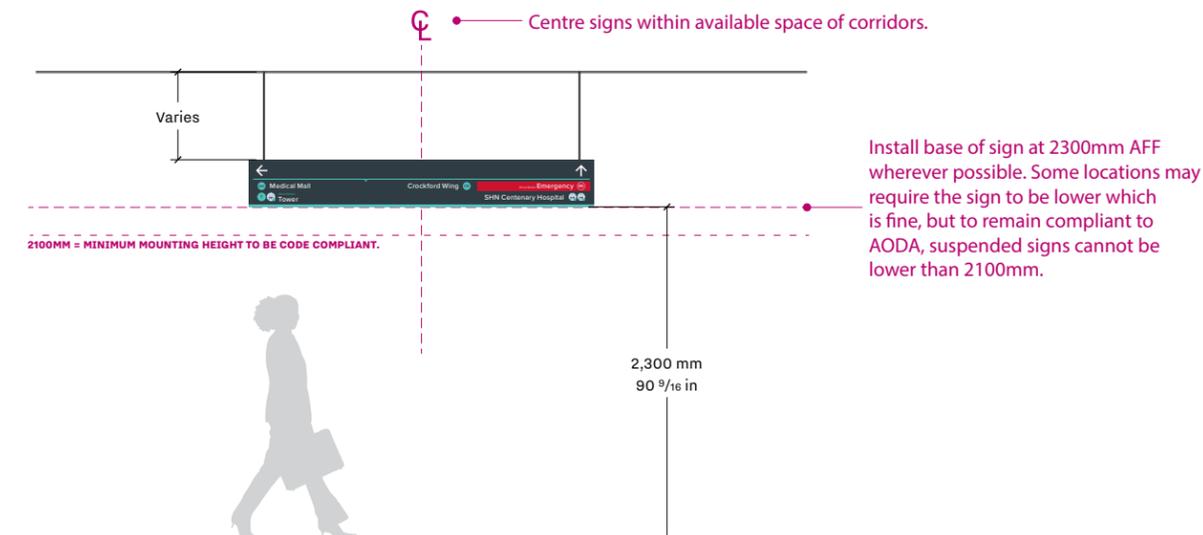
**2** D4B: Interbuilding Directional – Suspended, Medium  
Scale 1:25



**3** D4C: Interbuilding Directional – Suspended, Small  
Scale 1:25



**4** D4D: Interbuilding Directional – Suspended, Single  
Scale 1:25



**5** Typical Mounting for D4 family (D4A shown)  
Scale 1:50

**SIGN SPECIFICATIONS**

**D4A, D4B, D4C, D4D: Interbuilding Directional – Suspended**

**CONTENT:**

Individual destinations within each column should be listed in alphabetical order, with the exception of "Emergency" which is always listed first. Content should be restricted to building or zone names, and elevators.

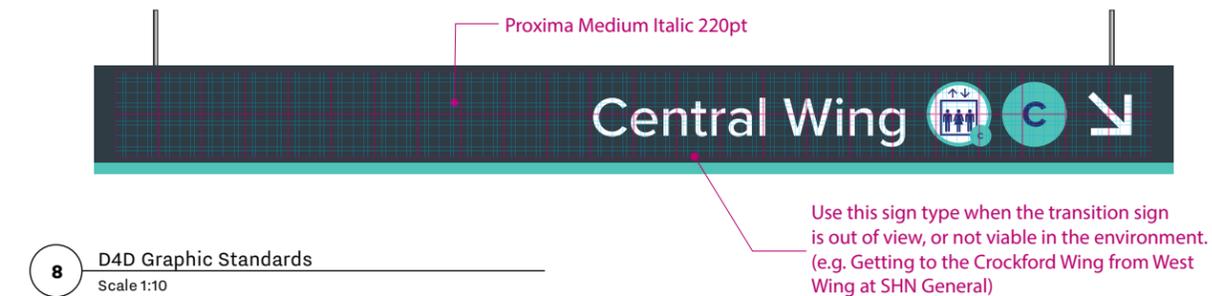
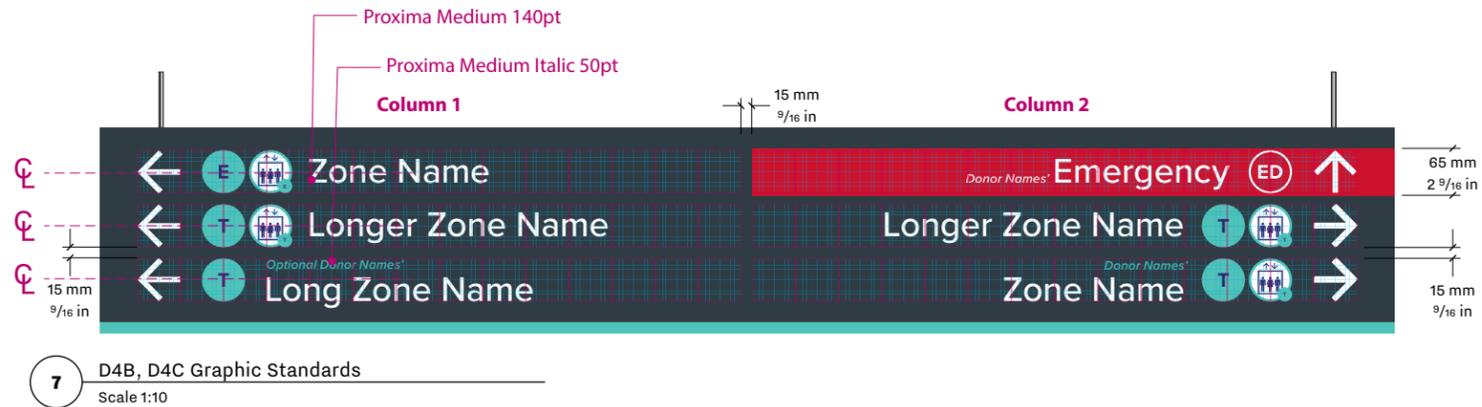
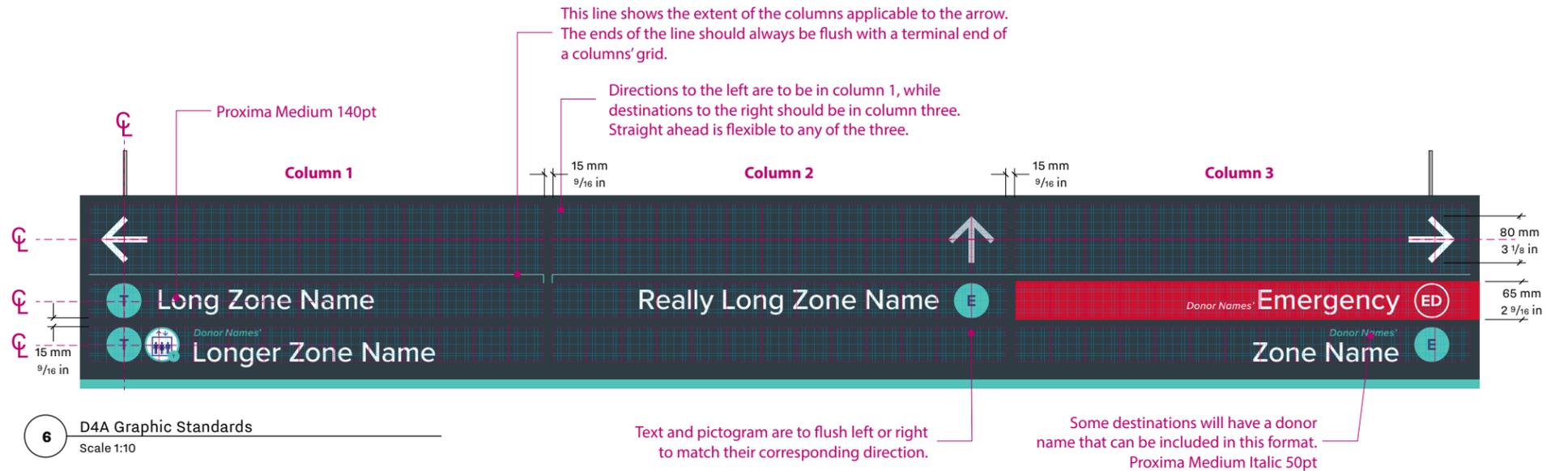
**PICTOGRAMS:**

Include the pictograms of zones, and any dedicated elevator of that zone, with the former being closer to the side of the arrow.

**FLEXIBLE SIGN WIDTH:**

When the sign is too wide for a corridor, the width of the sign may be reduced. To do so, reduce each column by 60mm, or the equivalent of one grid square, until the sign fits within the span of the corridor.

The space between columns, and all other margins are to remain the same.



= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
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# SIGN SPECIFICATIONS

## DR1: Directory – Wall Mount, Vertical

- A FRAME**
  - Fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.
- B SIGN PANEL**
  - 6mm (¼") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

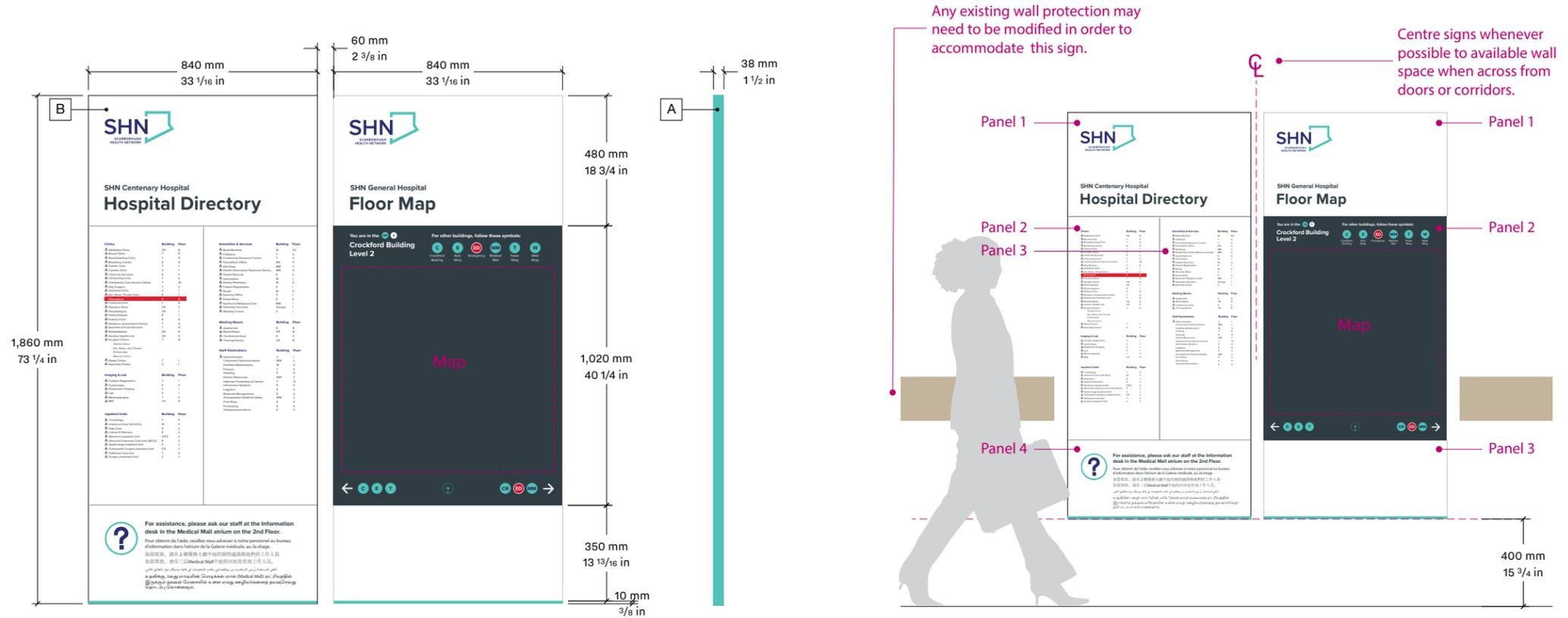
**Note:**  
Each DR1 sign is composed of two 840x1860mm parts: one floor map, and one hospital directory.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

**UPDATABILITY**  
Remove and replace only the panels with updates.

**LOWER POINT OF VIEW**  
This sign has content lower than the DR3 series, making it a better fit for those in a wheelchair and those with various limiting factors. We recommend this directory sign type be placed near entrances for people to learn where they need to go, and use the DR3 series deeper in the hospital site where they will serve as reminders and references. This sign type cannot be used when there are handrails in the area that cannot be removed.

**WHICH DIRECTORY SIGN TYPE TO USE**  
**DR1:** By public entrances with wall space, and without any wall guards or railings that aren't removable to accommodate the sign.  
**DR2:** By public entrances without wall space.  
**DR3A:** Non-exiting floors, or areas needing a map without the need of a directory.  
**DR3B:** Same as DR3A, but with SHN communication.  
**DR3C:** By public entrances where a DR1 is not suitable, by patient registration, and by elevator vestibules on floors with building entrances.  
**DR4:** Beside a D1A or D1B directional across from stairs, and at the first directional sign encountered after a building transition or entrance.  
**DR5:** Beside elevators.



1 DR1: Directory – Wall Mount, Vertical  
Scale 1:20

2 Typical Elevation  
Scale 1:25

Birchmount	Centenary	General
<p><b>For assistance, please ask our staff at the information desk by the North Entrance on the 2nd Floor.</b>                      Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information situé près de l'entrée nord, au 2<sup>e</sup> étage.                      如需幫助，請諮詢二樓北入口詢問處的工作人員。                      如需幫助，请在二樓北入口的問訊處諮詢我們的工作人員。                      لتلقي المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات بجوار المدخل الشمالي في الطابق الثاني.                      உதவிக்கு, 2வது மாடியின் வடக்குப்பகுதி நுழைவாயிலில் (North Entrance) இருக்கும் தகவல் மேசையில் உள்ள எமது அன்புறர்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.</p>	<p><b>For assistance, please ask our staff at the Information desk in the Medical Mall atrium on the 2nd Floor.</b>                      Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information dans l'atrium de la Galerie médicale, au 2<sup>e</sup> étage.                      如需幫助，請在 2 樓醫務大樓中庭的詢問處諮詢我們的工作人員。                      如需幫助，请在二樓 Medical Mall 中庭的問訊處諮詢我們的工作人員。                      لتلقي المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات في قاعة ميديكال مول بالطابق الثاني.                      உதவிக்கு, 2வது மாடியின், மெடிக்கல் மால் (Medical Mall) ஏட்ரியத்தில் இருக்கும் தகவல் மேசையில் உள்ள எமது அன்புறர்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.</p>	<p><b>For assistance, please ask our staff at the information desk in the West Wing on the Ground Floor.</b>                      Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information de l'aile Ouest, au rez-de-chaussée.                      如需幫助，請諮詢一樓西翼詢問處的工作人員。                      如需幫助，请在West Wing底层的问讯处咨询我们的工作人员。                      لتلقي المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات في الجناح الغربي بالطابق الأرضي.                      உதவிக்கு, தரைத் தளத்தின் வெஸ்ட் விஙில் (West Wing) இருக்கும் தகவல் மேசையில் உள்ள எமது அன்புறர்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.</p>

3 Information Translations  
Scale 1:10



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

**ISSUANCE**  
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Revised

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2021-07-16  
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**SIGN SPECIFICATIONS**

**DR1: Directory – Wall Mount – Vertical**

**DIRECTORY CONTENT:**

List spaces for patients and visitors first, and leave meeting rooms and staff areas last. Within each directory section, list the destinations alphabetically. In cases where there is a need to list sub-destinations, nest the list underneath the primary destination, also in alphabetical order.

▲ Newborn Assessment Centre	T	G
▲ Nutrition & Food Services	T	G
▲ Rehabilitation	CR	G
▲ Seniors Health Link	CR	G
▲ Surgical Clinics	T	G
Dental Clinic		
Ear, Nose, and Throat		
Endoscopy		

**4** Graphic Standards  
Scale 1:5

**SHN Centenary Hospital  
Hospital Directory**

Clinics	Building	Floor
▲ Addiction Clinic	CR	G
▲ Breast Clinic	T	5
▲ Breastfeeding Clinic	T	G
▲ Breathing Centre	E	G
▲ Cancer Care	T	1
▲ Cardiac Clinic	C	1
▲ Child Life Services	E	2
▲ Clinical Day Unit	T	4
▲ Community Care Access Centre	T	10
▲ Day Surgery	T	3
▲ Diabetes Clinic	C	1
▲ Ear, Nose, and Throat	E	1
▲ Emergency	E	G
▲ Fracture Clinic	T	G
▲ Genetic Clinic	CR	2
▲ Hemodialysis	CR	1
▲ Home Dialysis	E	1
▲ Kidney Clinic	E	G
▲ Newborn Assessment Centre	T	G
▲ Nutrition & Food Services	T	G
▲ Patient Registration	CR	G
▲ Seniors Health Link	CR	5
▲ Surgical Clinics	T	G
Dental Clinic		
Ear, Nose, and Throat		
Endoscopy		
▲ Wound Clinic	T	1
▲ Specialty Clinics	C	1

Amenities & Services	Building	Floor
▲ Bank Machine	W	5G
▲ Cafeteria	T	G
▲ Community Resource Centre	T	G
▲ Foundation Office	EM	G
▲ Gift Shop	MM	3
▲ Health Information Resource Centre	MM	G
▲ Health Records	E	G
▲ Information	W	1
▲ Kidney Pharmacy	W	G
▲ Patient Registration	E	1
▲ Retail	W	G
▲ Security Office	C	1
▲ Social Work	E	4
▲ Spiritual & Religious Care	MM	1
▲ Volunteer Services	Garage	1
▲ Waiting Centre	C	1

Meeting Rooms	Building	Floor
▲ Auditorium	E	G
▲ Board Room	CR	B
▲ Conference Area	E	2
▲ Training Rooms	CR	B

Staff Destinations	Building	Floor
▲ Administration	C	1
▲ Corporate Communications	MM	2
▲ Facilities/Maintenance	W	G
▲ Finance	T	B
▲ Imaging	E	G
▲ Human Resources	MM	3
▲ Infection Prevention & Control	T	10
▲ Information Systems	E	G
▲ Logistics	E	G
▲ Material Management	E	G
▲ Occupational Health & Safety	MM	2
▲ Proc Shop	MM	G
▲ Purchasing	E	G
▲ Telecommunications	E	G

Imaging & Lab	Building	Floor
▲ Cardiac Diagnostics	C	1
▲ Cytology	C	3
▲ Diagnostic Imaging	E	1
▲ Lab	E	1
▲ Mammography	T	5
▲ MRI	CR	B

Inpatient Units	Building	Floor
▲ Cardiology	T	5
▲ Intensive Care Unit (ICU)	W	3
▲ Kids Care	E	2
▲ Labour & Delivery	E	2
▲ Medicine Inpatient Unit	CR/C	4
▲ Neonatal Intensive Care Unit (NICU)	E	2
▲ Neurology Inpatient Unit	C	2
▲ Orthopaedic Surgery Inpatient Unit	CR	3
▲ Palliative Care Unit	T	5
▲ Surgery Inpatient Unit	C	2

**For assistance, please ask our staff at the information desk in the Medical Mall atrium on the 2nd Floor.**  
 Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information dans l'atrium de la Galerie médicale, au 2<sup>e</sup> étage.  
 如需帮助，请在二楼医务大楼中庭的询问处咨询工作人员。  
 如需帮助，请在二楼 Medical Mall 中庭的询问处咨询工作人员。  
 لتلقى المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات في قاعة المركز الطبي.  
 உதவிக்காக அல்லது மருப்பியின் மருட்டுக்கல் மருள் (Medical Mall) ஏட்டரியத்தில் இரக்கம் தகவல் மருணையில் உள்ள எம்முள் ஊழியர்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.

**5** Graphic Standards  
Scale 1:10

**SHN General Hospital  
Floor Map**

You are in the **Crockford Wing Level 2**

For other buildings, follow these symbols:

- C Crockford Wing
- E East Wing
- ED Emergency
- MM Medical Mall
- T Tower
- W West Wing

Map to fit within confines of dashed square (W780mm x H750mm)

Rotate outer ring to show true north  
Direct to any buildings to the left or right of the sign's placement.

Proxima Nova Bold 80pt  
Proxima Nova Bold 200pt

Proxima Nova Bold 200pt  
Proxima Nova Medium 30/42.5pt

Proxima Nova Regular 30/42.5pt  
Nest sub-destinations under the primary destination. No need to include Building/Floor information for each as directionals will only reference the primary destination.

Proxima Nova Bold 65/80pt  
TBD (Languages, size, typeface, etc)  
Any english within translation to be Proxima Nova Regular.

Proxima Nova Bold 50/54pt  
Proxima Nova Bold 80/90pt  
Proxima Nova Regular 35/40pt

See Graphic Standards section on maps for a guideline of how they are put together.

Rotate outer ring to show true north  
Direct to any buildings to the left or right of the sign's placement.

60x60mm grid structure used for sign



**PROJECT**  
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# SIGN SPECIFICATIONS

## DR2: Directory – Freestanding

- A FRAME**
  - Fabricated aluminum tube frame.
  - 3mm thick aluminum cladding to top and side surfaces, painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.
- B SIGN PANEL**
  - 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.
- C BASE / KICK-PLATE**
  - 3mm thick polished aluminum angle base/kick plate.

**Installation:**  
Anchor sign into ground as per Sign Fabricator's engineer.  
Snap PVC boards into the frame.

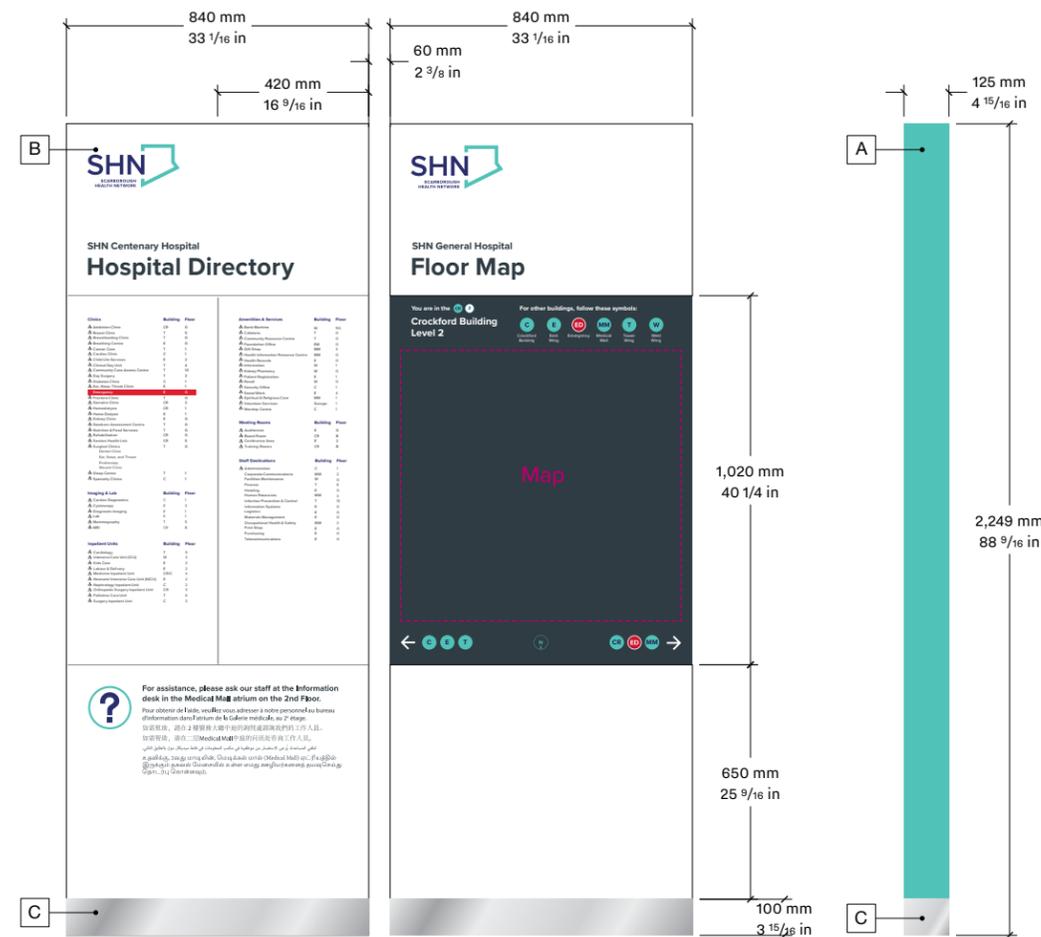
**Note:**  
Each DR2 sign is composed of two double-sided monoliths.

See technical drawing for typical freestanding directory signs in the 'Interior Sign Technical Drawings' section.

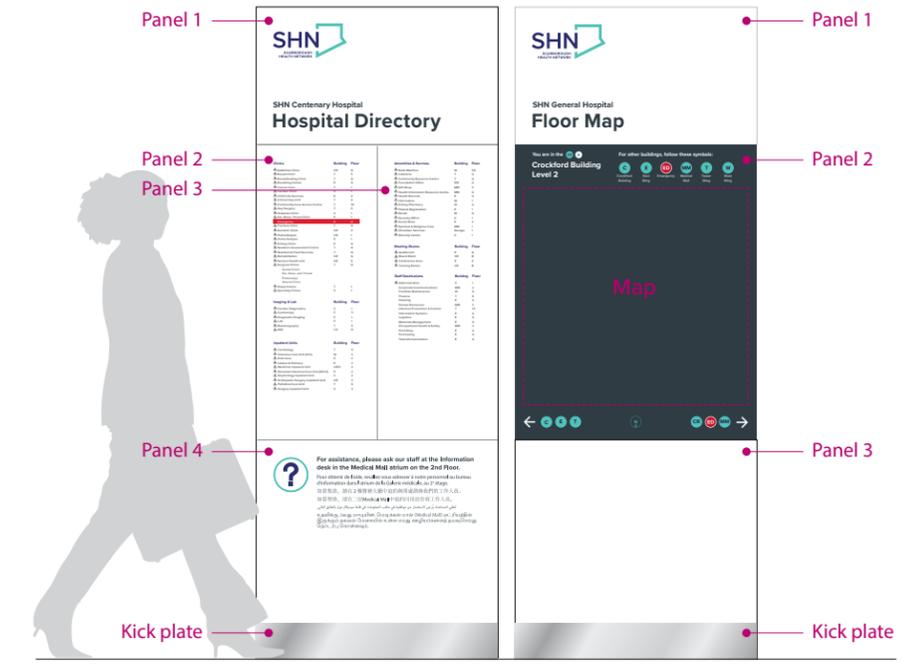
**UPDATABILITY**  
Remove and replace only the panels with updates.

**LOWER POINT OF VIEW**  
This sign has content lower than the DR3 series, making it a better fit for those in a wheelchair and those with various limiting factors. We recommend this directory sign type be placed near entrances for people to learn where they need to go, and use the DR3 series deeper in the hospital site where they will serve as reminders and references.

- WHICH DIRECTORY SIGN TYPE TO USE**
- DR1:** By public entrances with wall space, and without any wall guards or railings that aren't removable to accommodate the sign.
  - DR2:** By public entrances without wall space.
  - DR3A:** Non-exiting floors, or areas needing a map without the need of a directory.
  - DR3B:** Same as DR3A, but with SHN communication.
  - DR3C:** By public entrances where a DR1 is not suitable, by patient registration, and by elevator vestibules on floors with building entrances.
  - DR4:** Beside a D1A or D1B directional across from stairs, and at the first directional sign encountered after a building transition or entrance.
  - DR5:** Beside elevators.



1 DR2: Directory – Freestanding – Front and Side View  
Scale 1:20



2 DR2: Front View  
Scale 1:25

<p><b>Birchmount</b></p> <p><b>For assistance, please ask our staff at the information desk by the North Entrance on the 2nd Floor.</b></p> <p>Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information situé près de l'entrée nord, au 2<sup>e</sup> étage.</p> <p>如需幫助，請諮詢二樓北入口詢問處的工作人員。</p> <p>如需幫助，请在二层北入口的问讯处咨询工作人员。</p> <p>لتلقي المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات بجوار المدخل الشمالي في الطابق الثاني.</p> <p>உதவிக்கு, 2வது மாடியின் வடக்குப்புற நுழைவாயிலில் (North Entrance) இருக்கும் தகவல் மேசையில் உள்ள எழுது அழியற்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.</p>	<p><b>Centenary</b></p> <p><b>For assistance, please ask our staff at the Information desk in the Medical Mall atrium on the 2nd Floor.</b></p> <p>Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information dans l'atrium de la Galerie médicale, au 2<sup>e</sup> étage.</p> <p>如需幫助，請在 2 樓醫務大樓中庭的詢問處諮詢我們的工作人員。</p> <p>如需幫助，请在二层Medical Mall中庭的问讯处咨询工作人员。</p> <p>لتلقي المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات في قاعة ميديكال مول بالطابق الثاني.</p> <p>உதவிக்கு, 2வது மாடியின், மெடிக்கல் மால் (Medical Mall) ஏட்ரியத்தில் இருக்கும் தகவல் மேசையில் உள்ள எழுது அழியற்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.</p>	<p><b>General</b></p> <p><b>For assistance, please ask our staff at the information desk in the West Wing on the Ground Floor.</b></p> <p>Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information de l'aile Ouest, au rez-de-chaussée.</p> <p>如需幫助，請諮詢一樓西翼詢問處的工作人員。</p> <p>如需幫助，请在West Wing底层的问讯处咨询工作人员。</p> <p>لتلقي المساعدة، يرجى الاستفسار من موظفينا في مكتب المعلومات في الجناح الغربي بالطابق الأرضي.</p> <p>உதவிக்கு, தரைத் தளத்தின் வெஸ்ட் விஙில் (West Wing) இருக்கும் தகவல் மேசையில் உள்ள எழுது அழியற்களைத் தயவுசெய்து தொடர்பு கொள்ளவும்.</p>
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3 Information Translations  
Scale 1:10

**SIGN SPECIFICATIONS**

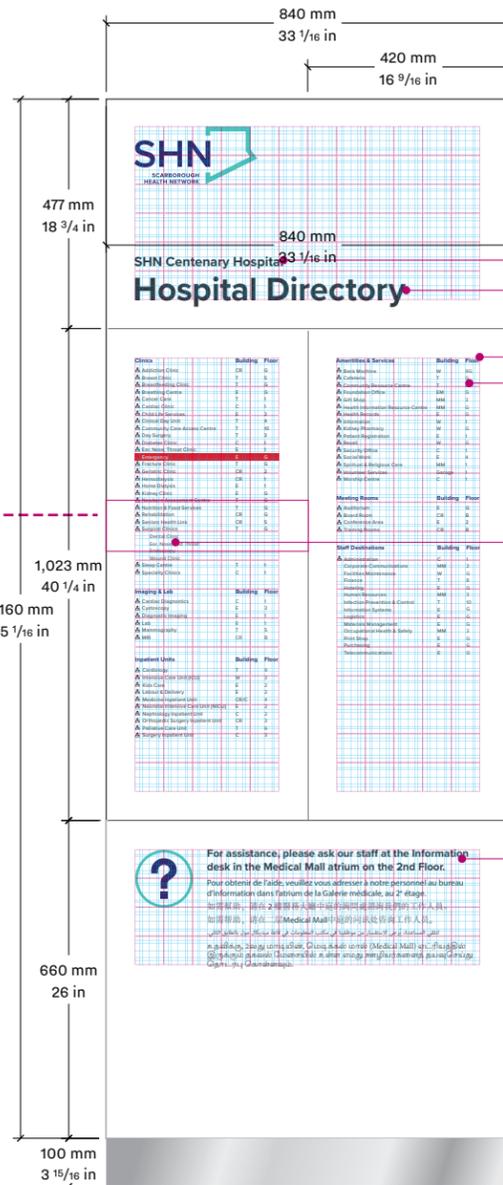
**DR2: Directory – Freestanding**

**DIRECTORY CONTENT:**

List spaces for patients and visitors first, and leave meeting rooms and staff areas last. Within each directory section, list the destinations alphabetically. In cases where there is a need to list sub-destinations, nest the list underneath the primary destination, also in alphabetical order.

👶 Newborn Assessment Centre	T	G
🍴 Nutrition & Food Services	T	G
🧘 Rehabilitation	CR	G
👴 Seniors Health Link	CR	5
🏥 Surgical Clinics	T	G
Dental Clinic		
Ear, Nose, and Throat		
Endoscopy		

**4** Graphic Standards  
Scale 1:5

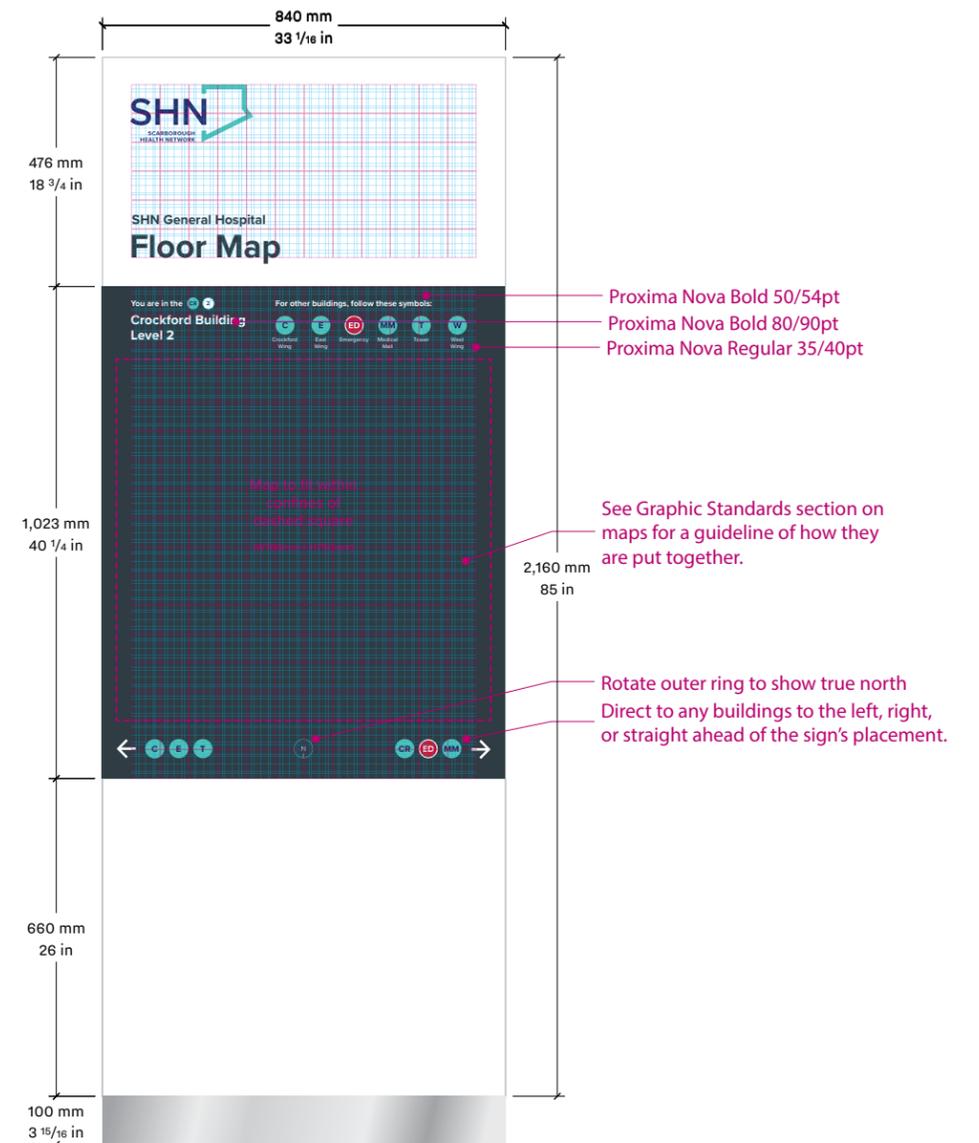


Proxima Nova Bold 80pt  
Proxima Nova Bold 200pt

Proxima Nova Bold 200pt  
Proxima Nova Medium 30/42.5pt

Proxima Nova Regular 30/42.5pt  
Nest sub-destinations under the primary destination. No need to include Building/Floor information for each as directionals will only reference the primary destination.

Proxima Nova Bold 65/80pt



Proxima Nova Bold 50/54pt  
Proxima Nova Bold 80/90pt  
Proxima Nova Regular 35/40pt

See Graphic Standards section on maps for a guideline of how they are put together.

Rotate outer ring to show true north  
Direct to any buildings to the left, right, or straight ahead of the sign's placement.

= 60x60mm grid structure used for sign

**5** Graphic Standards  
Scale 1:15



**PROJECT**  
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# SIGN SPECIFICATIONS

## DR3A, DR3B, DR3C: Directory – Wall Mount

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

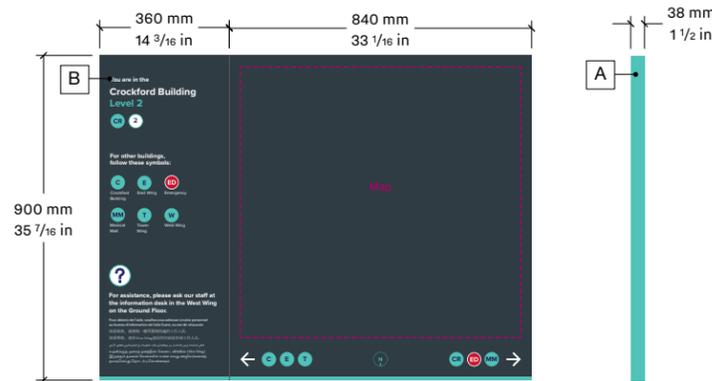
See technical drawing for typical directory configurations in the 'Interior Sign Technical Drawings' section.

### UPDATABILITY

Remove and replace only the panels with updates.

### WHICH DIRECTORY SIGN TYPE TO USE

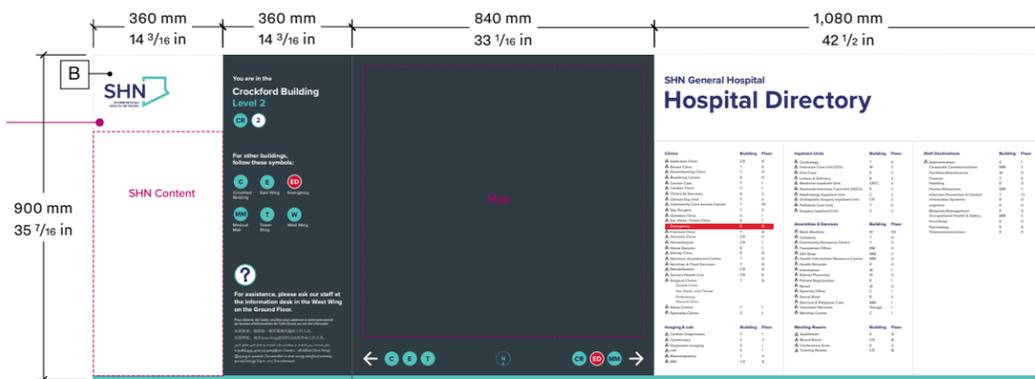
- DR1:** By public entrances with wall space, and without any wall guards or railings that aren't removable to accommodate the sign.
- DR2:** By public entrances without wall space.
- DR3A:** Non-exiting floors, or areas needing a map without the need of a directory.
- DR3B:** Same as DR3A, but with SHN communication.
- DR3C:** By public entrances where a DR1 is not suitable, by patient registration, and by elevator vestibules on floors with building entrances.
- DR4:** Beside a D1A or D1B directional across from stairs, and at the first directional sign encountered after a building transition or entrance.
- DR5:** Beside elevators.



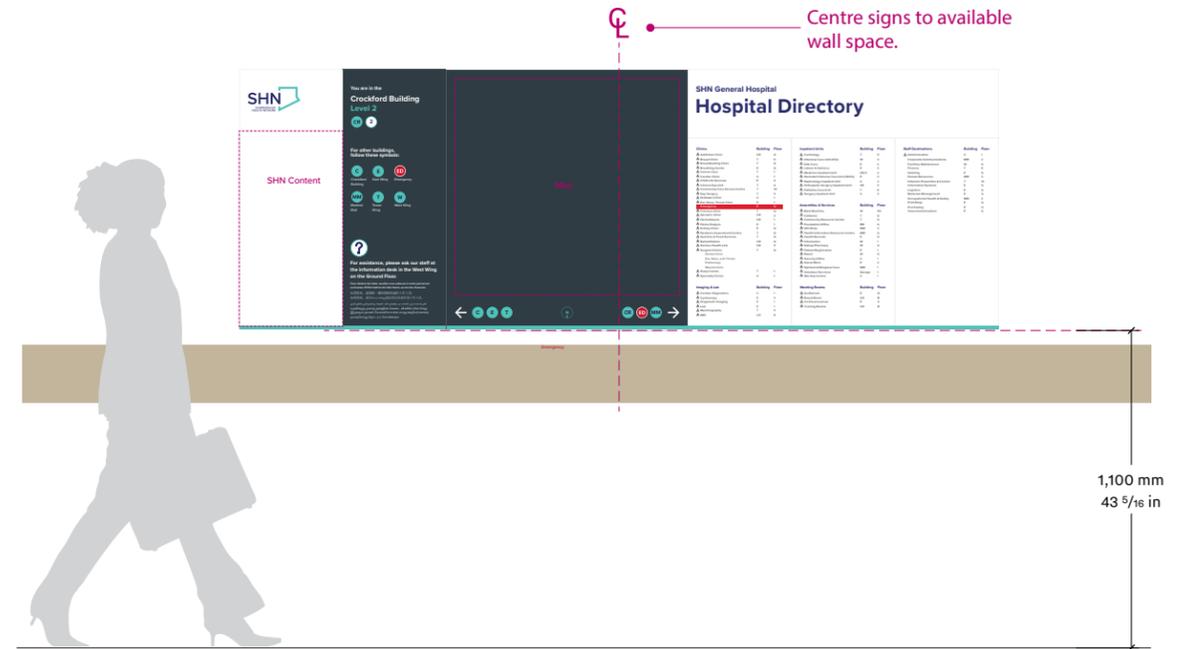
1 DR3A: Directory – Wall Mount, Small  
Scale 1:20



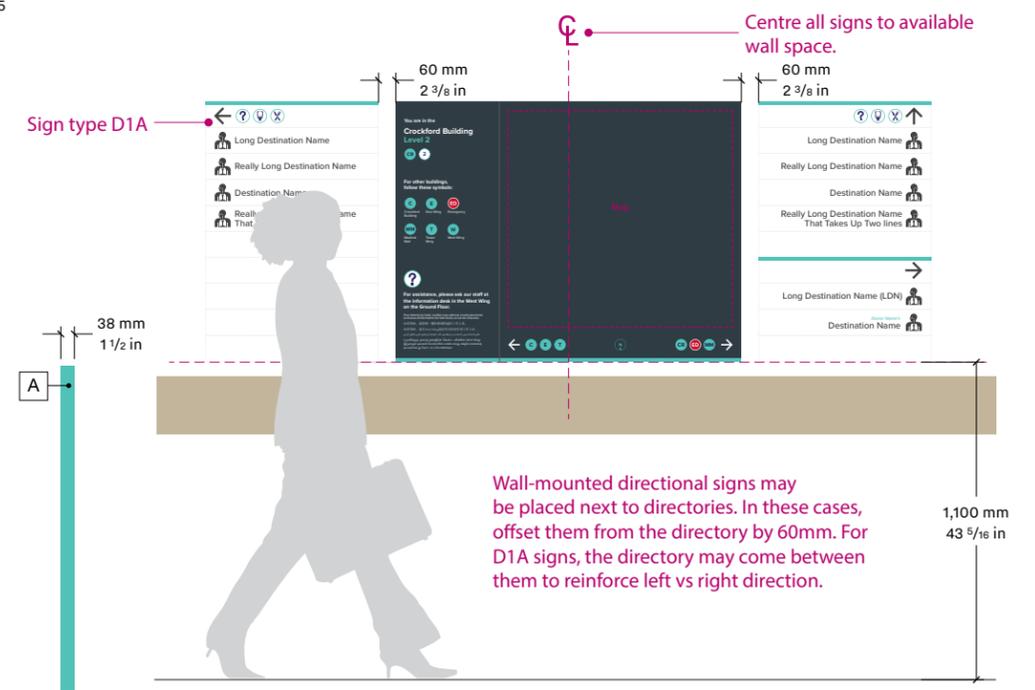
2 DR3B: Directory – Wall Mount, Medium  
Scale 1:20



3 DR3C: Directory – Wall Mount, Large  
Scale 1:20



4 Typical Elevation  
Scale 1:25



5 Typical Elevation: Adjacent directionals  
Scale 1:25

# SIGN SPECIFICATIONS

## DR3A, DR3B, DR3C: Directory – Wall Mount

### DIRECTORY COMPONENTS:

DR3A, DR3B, and DR3C are combinations of panelled information. Here you can see how each panel is individually broken down. Individual panels can be replaced as need be.

### ALPHABETICAL ORDER:

List all destinations in alphabetical order whether it's a string of building pictograms, or a directory listing. For a directory listing, when a destination includes sub-destinations, they are to be nested alphabetically, underneath their primary destination.

List spaces for patients and visitors first, and leave meeting rooms and staff areas last.



See Graphic Standards section on maps for a guideline of how they are put together.

Rotate outer ring to show true north  
Direct to any buildings to the left, right, or straight ahead of the sign's placement.



Proxima Nova Bold 50/54pt  
Proxima Nova Bold 80/90pt

Proxima Nova Bold 50/54pt  
Proxima Nova Regular 35/40pt

Proxima Nova Bold 50  
Any english within translation to be Proxima Nova Regular.

**General**

For assistance, please ask our staff at the information desk in the West Wing on the Ground Floor.

Four obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information de l'aile Ouest, au rez-de-chaussée.

如需帮助, 請向西翼西翼的問訊處查詢工作人員。

اذا كنت بحاجة إلى المساعدة, يرجى التوجه إلى مكتب المعلومات في جناح الغرب على الطابق الأرضي.

بۆ ياردەمچىلىك, ئۇچۇر ئۆزگەرتىش ئۆيىدە ئۇچۇر ئۆزگەرتىش خىزمەتچىسىگە مۇراجىزە قىلىڭ.

**Centenary**

For assistance, please ask our staff at the information desk in the Medical Mall atrium on the 2nd Floor.

Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information dans l'atrium de la Galerie médicale au 2e étage.

如需帮助, 請在二樓醫術大樓中庭的問訊處查詢我們的工作人員。

اذا كنت بحاجة إلى المساعدة, يرجى التوجه إلى مكتب المعلومات في صالة المعرض الطبية على الطابق الثاني.

بۆ ياردەمچىلىك, ئۇچۇر ئۆزگەرتىش ئۆيىدە ئۇچۇر ئۆزگەرتىش خىزمەتچىسىگە مۇراجىزە قىلىڭ.

**Birchmount**

For assistance, please ask our staff at the information desk by the North Entrance on the 2nd Floor.

Pour obtenir de l'aide, veuillez vous adresser à notre personnel au bureau d'information situé près de l'entrée nord, au 2<sup>e</sup> étage.

如需帮助, 請在北入口的問訊處查詢我們的工作人員。

اذا كنت بحاجة إلى المساعدة, يرجى التوجه إلى مكتب المعلومات في المدخل الشمالي على الطابق الثاني.

بۆ ياردەمچىلىك, ئۇچۇر ئۆزگەرتىش ئۆيىدە ئۇچۇر ئۆزگەرتىش خىزمەتچىسىگە مۇراجىزە قىلىڭ.

7 Graphic Standards: Map  
Scale 1:10

Icon	Destination	Building	Floor
🏠	Clinical Day Unit	T	4
🏠	Community Care Access Centre	T	10
🏠	Day Surgery	T	3
🏠	Diabetes Clinic	C	1

6 Graphic Standards  
Scale 1:5

8 Graphic Standards: Building Legend  
Scale 1:10



SHN to provide content for this portion of the directory. Each location may use different artwork. (e.g. A welcome message on directories near public entrances, and SHN initiatives on a directory further within the hospital site).

There is some flexibility to use the inner area when the content is photographic, or needs the additional space. When using the outer space, align text to the left edge of the inner frame to align to the logo up top.

11 Graphic Standards: SHN Communication  
Scale 1:10

10 Graphic Standards: Directory  
Scale 1:10

0x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
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## SIGN SPECIFICATIONS

### DR4: Directory – Building & Floor Indicator

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

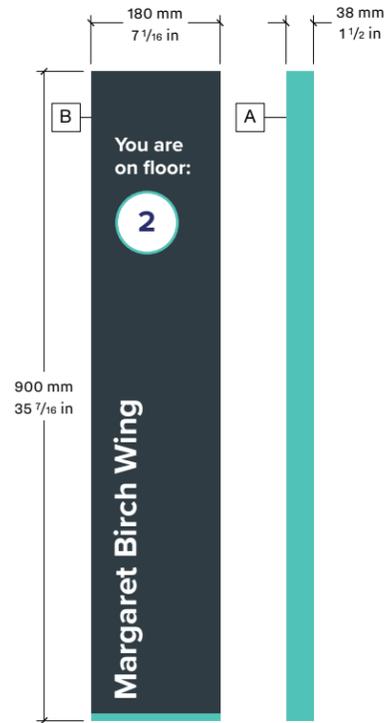
- B SIGN PANEL**
- 6mm (¼") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.

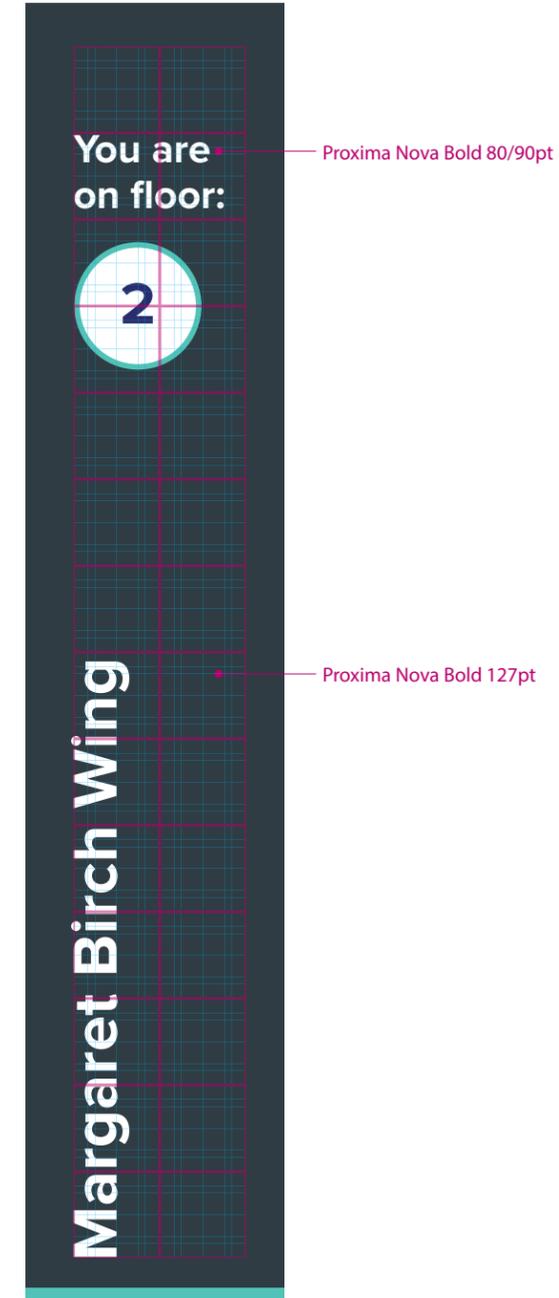
- WHICH DIRECTORY SIGN TYPE TO USE**
- DR1:** By public entrances with wall space, and without any wall guards or railings that aren't removable to accommodate the sign.
  - DR2:** By public entrances without wall space.
  - DR3A:** Non-exiting floors, or areas needing a map without the need of a directory.
  - DR3B:** Same as DR3A, but with SHN communication.
  - DR3C:** By public entrances where a DR1 is not suitable, by patient registration, and by elevator vestibules on floors with building entrances.
  - DR4:** Beside a D1A or D1B directional across from stairs, and at the first directional sign encountered after a building transition or entrance.
  - DR5:** Beside elevators.



1 D4: Directory – Building & Floor Indicator  
Scale 1:10



2 Typical Elevation  
Scale 1:25



3 Graphic Standards  
Scale 1:5

= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### DR5A, DR5B: Directory – Elevator

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Blue'.
  - PVC backer with embedded earth magnets.
- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

Installation:  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

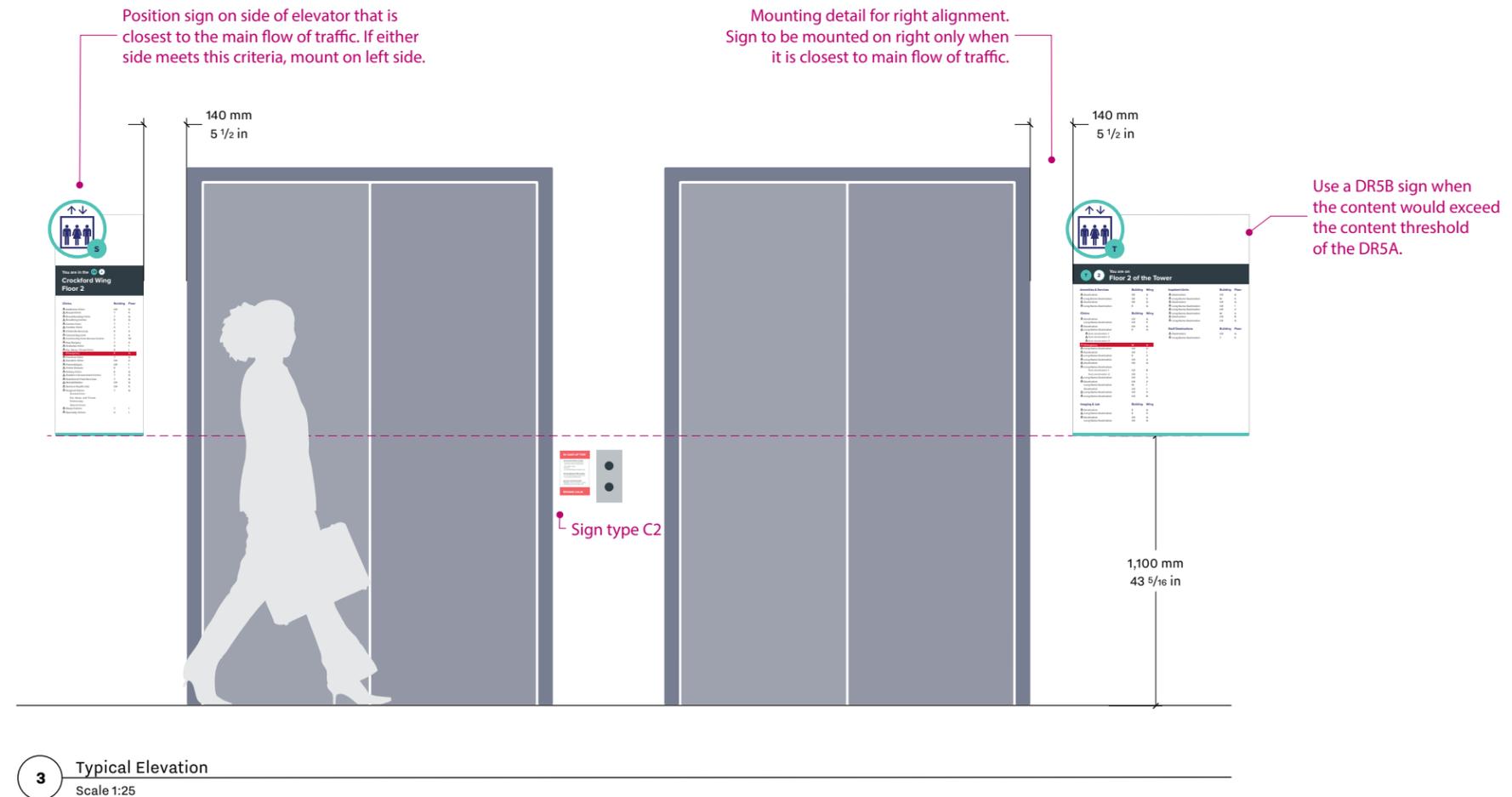
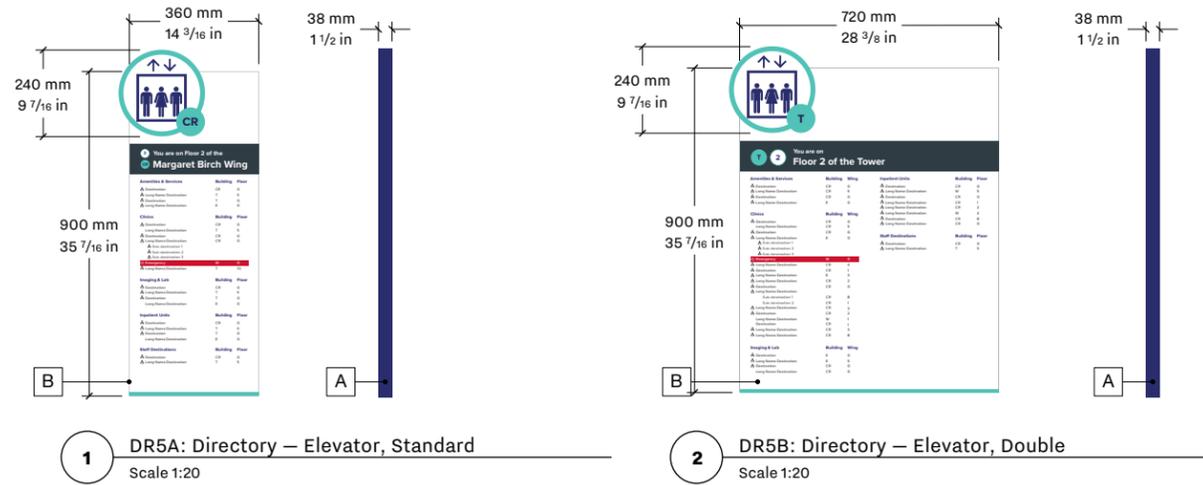
See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

#### UPDATABILITY

Entire PVC panel is to be removed from the frame and replaced with its update.

#### WHICH DIRECTORY SIGN TYPE TO USE

- DR1:** By public entrances with wall space, and without any wall guards or railings that aren't removable to accommodate the sign.
- DR2:** By public entrances without wall space.
- DR3A:** Non-exiting floors, or areas needing a map without the need of a directory.
- DR3B:** Same as DR3A, but with SHN communication.
- DR3C:** By public entrances where a DR1 is not suitable, by patient registration, and by elevator vestibules on floors with building entrances.
- DR4:** Beside a D1A or D1B directional across from stairs, and at the first directional sign encountered after a building transition or entrance.
- DR5:** Beside elevators.



= 60x60mm grid structure used for sign

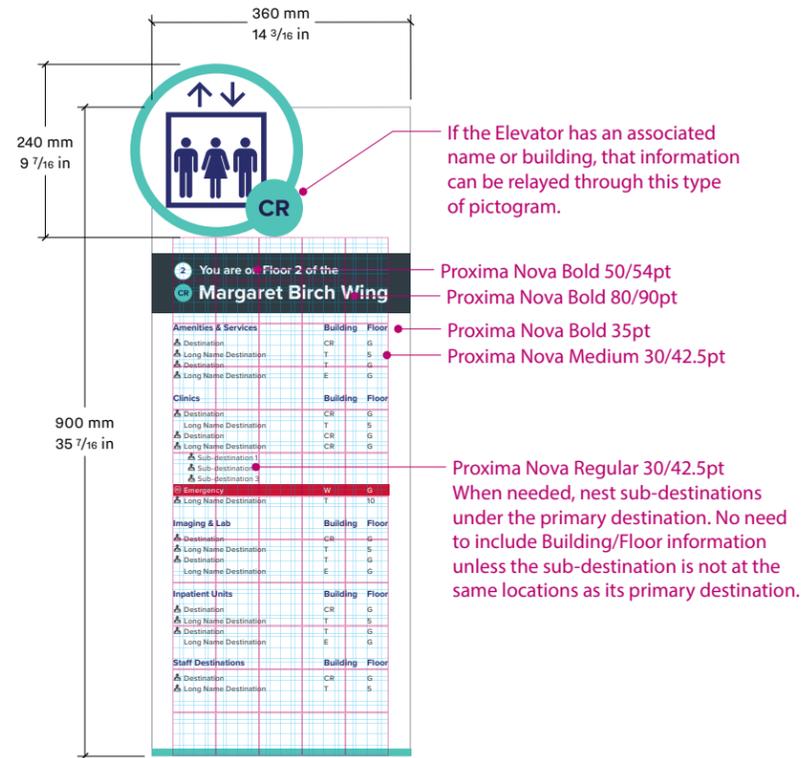
# SIGN SPECIFICATIONS

## DR5A, DR5B: Directory – Elevator

### DIRECTORY CONTENT:

List spaces pertaining to the associated building, only. List all destinations alphabetically. While they should be avoided on elevator directories, where there is an unavoidable need to list sub-destinations, nest the list underneath the primary destination, also alphabetically.

Exception: If Emergency, Information, Patient Registration, or Laboratory are located in another building / zone, they may also be listed provided there is a direct internal route on the appropriate level between the current building, and their location. If there is not a direct internal route on the appropriate level, do not include.



4 DR5A: Graphic Standards  
Scale 1:10



5 DR5B: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## DR6: Directory – SHN Communication Panel

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Blue.
  - PVC backer with embedded earth magnets.

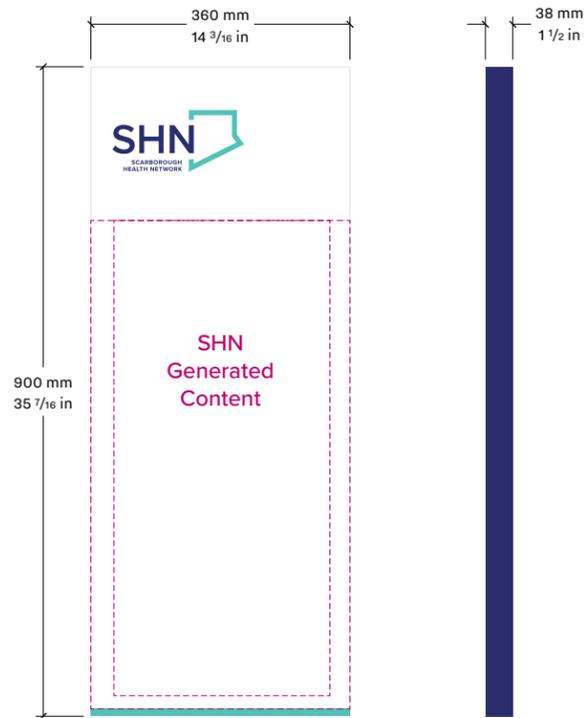
- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical directory configurations in the 'Interior Sign Technical Drawings' section.

**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.

**USE SPARINGLY**  
Ensure messages are at the right place and time within a patient and visitor's journey, and that the message(s) on these panels are not distracting from other signs in their vicinity.



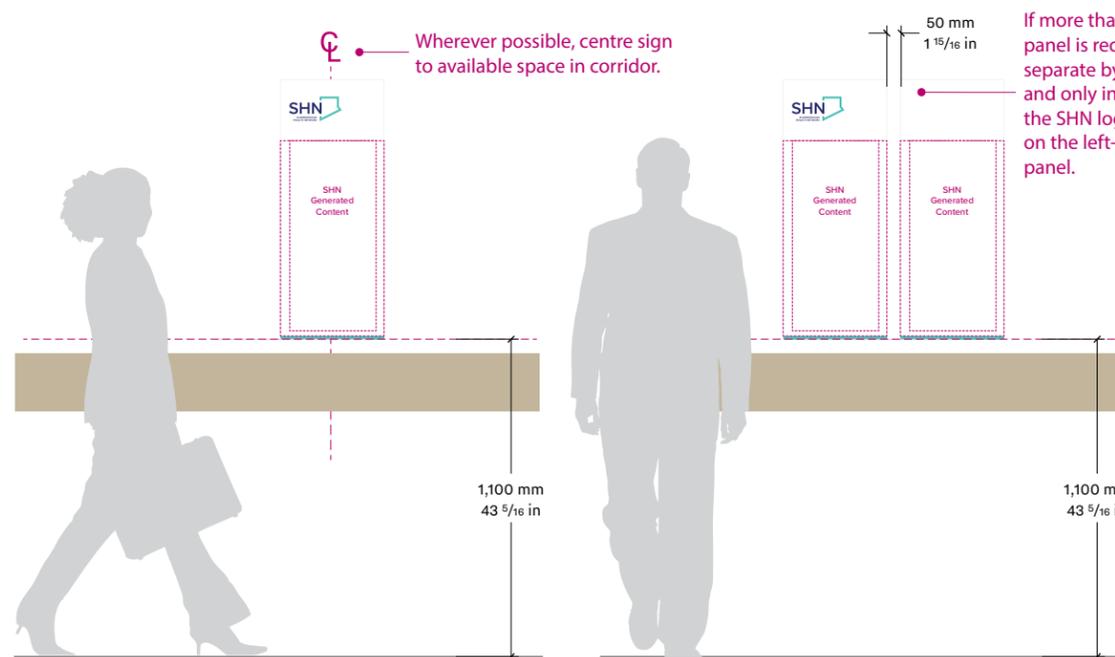
1 DR6: Directory – SHN Communication Panel  
Scale 1:10



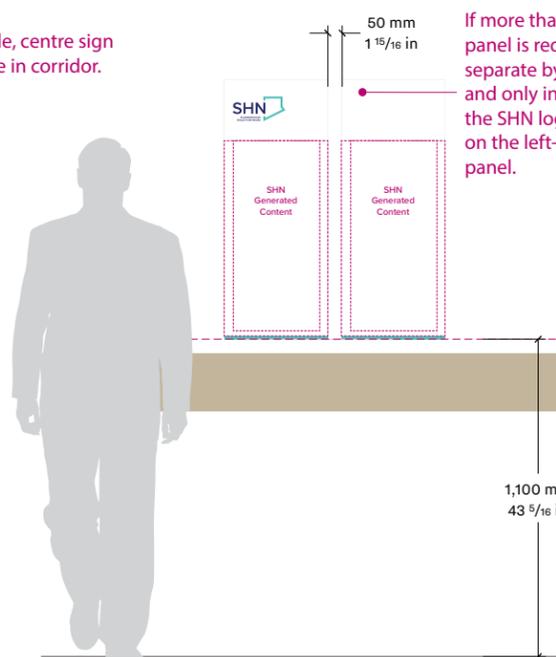
2 Graphic Standards  
Scale 1:10

SHN to provide content Each location may use different artwork. (e.g. A welcome message on directories near public entrances, and SHN initiatives on a directory further within the hospital site).

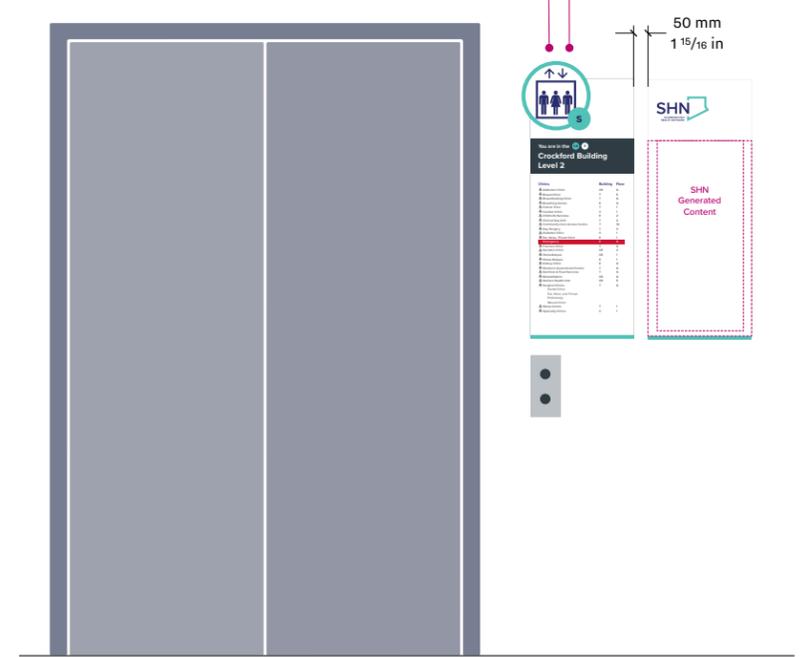
There is some flexibility to use the inner area for less graphic content, and an outer area when the content is photographic, or needs the additional space. When using the outer space, align text to the left edge of the inner frame to align with the logo up top.



3 Typical Elevation  
Scale 1:25



4 Typical Elevation: Additional Panels  
Scale 1:25



5 Typical Elevation: At Elevators  
Scale 1:25

= 60x60mm grid structure used for sign



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**SIGN SPECIFICATIONS**

**EG1: Environmental Graphics – Wall Mount**

**A**

**VINYL GRAPHIC**

- Digital print on dreamscape—20oz (457g/m<sup>2</sup>) Type II, matte finish.
- Embossed vinyl face with laminated fabric backing.
- Backing to be poly-cotton woven, or similar.

**Installation:**

- Standard commercial wallcovering pastes, primers, and techniques.
- Requires drywall finish to be level 4 or better.

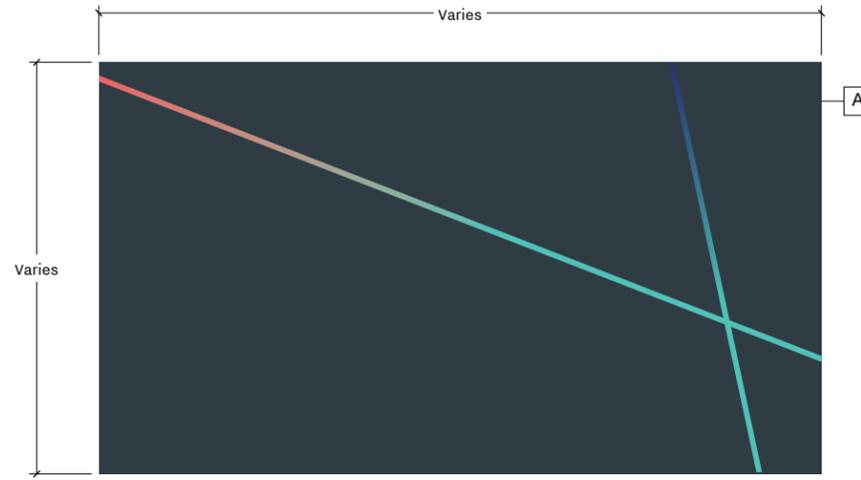
**PHOTOGRAPHIC TREATMENT**

Image shown is example only, SHN is to provide actual photography. To achieve the intended aesthetic, apply a duotone to match 'dark cool gray', and use the noise filter to soften the image so as to not be pixelated.

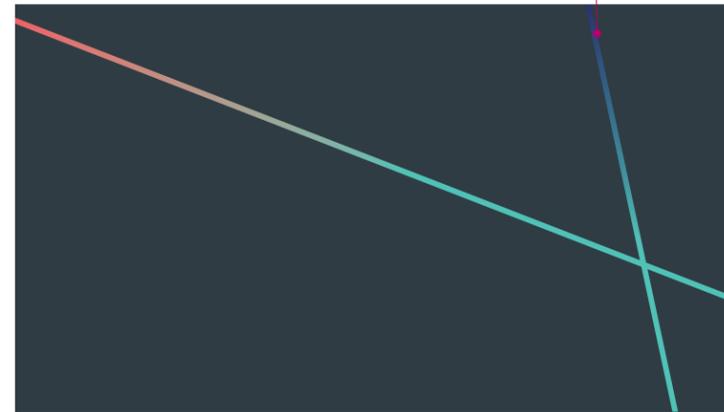
Be consistent with scale and the amount of filter used across the site. Avoid using the same image in multiple locations on any one floor. Use only high-resolution imagery.

**ENVIRONMENTAL DIFFERENCES**

Graphics will need to be adjusted to suit site conditions. The Sign Contractor is responsible for cropping or otherwise scaling the artwork.



**1** EG1: Environmental Graphic – Wall Mount  
Scale 1:25



Use this as the default graphic for transition points.

25mm thick gradient lines can be moved to avoid T1A or T1B vinyl, or to be more prominent on the available wall space. Avoid 90° angles, and ensure line is at least 50mm away from corners to look best.



Use a photographic treatments at transition points that have more wall space to play with. Use photography with subject matter that takes advantage of any available wall space not taken up by T1A or T1B messaging, or other obstructions.

**2** Graphic Standards  
Scale 1:25



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**SIGN SPECIFICATIONS**

**EG3B: Environmental Welcome Graphic – Glass Mount**

A

**WINDOW GRAPHICS**

- Digitally printed image.
- 3M 3635-70 White Diffuser Film, semi-transparent.

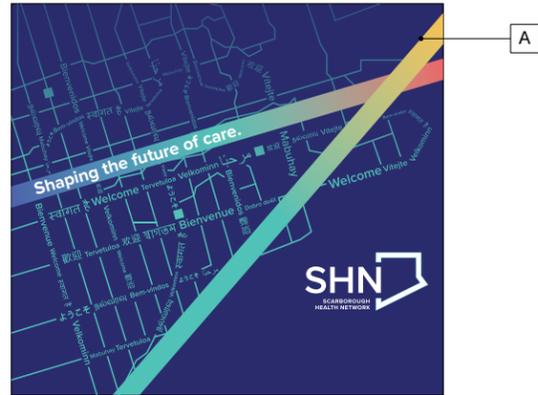
Application:  
Apply directly to wall or window surface.

**WELCOME!**

Install this graphic near key public entrances to welcome patients and visitors into the building.

**ENVIRONMENTAL DIFFERENCES**

Window conditions shown are for optimal placement, but may need to be adjusted to suit actual site conditions. The Sign Fabricator is responsible for cropping or otherwise scaling the artwork. Base elements ('Shaping the future of care' text and SHN logo) are to be scaled or shifted as minimally as possible to suit the location.



1 EG3B: Environmental Welcome Graphic – Glass Mount  
Scale 1:50



The background is to be considered as a whole, with parts of the image "removed" to accommodate mullions, where applicable. The exception is the 'Shaping the future of care' text and SHN logo which will need to be shifted and/or resized to accommodate the window conditions.

If logo must be scaled down, do so proportionally, and ensure a margin of free space equal to the height of the 'H' in 'SHN' is maintained in each direction.

2 Typical Elevation  
Scale 1:50



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## SIGN SPECIFICATIONS

### EG3C: Environmental Welcome Graphic – Banners

- A BANNER MATERIAL**
- Mesh banner material with some translucency.
  - Graphic to be printed on both front and back, and not be visible from its other side.
  - Needs to uphold to SHN's IPC requirements, and regular cleaning agents.

- B SEWN POCKETS**
- 38mm (1.5") tall pockets sewn at top and bottom of banner to house metal weight to keep banner hanging flat. Weight in top pocket to be capable suspending banner.

- C SUSPENSION CABLE**
- 1.5mm (1/16") thick s/s cable

- D WALL-MOUNTING BRACKET**
- Attach banner weight to appropriate wall-mounting bracket for the location.

**Installation:**

- Sign contractor and qualified engineer to determine how best to suspend banners for each location.

**WELCOME!**

Install these banners near key public entrances with tall ceilings or skylights to welcome patients and visitors into the building.

**ENVIRONMENTAL DIFFERENCES**

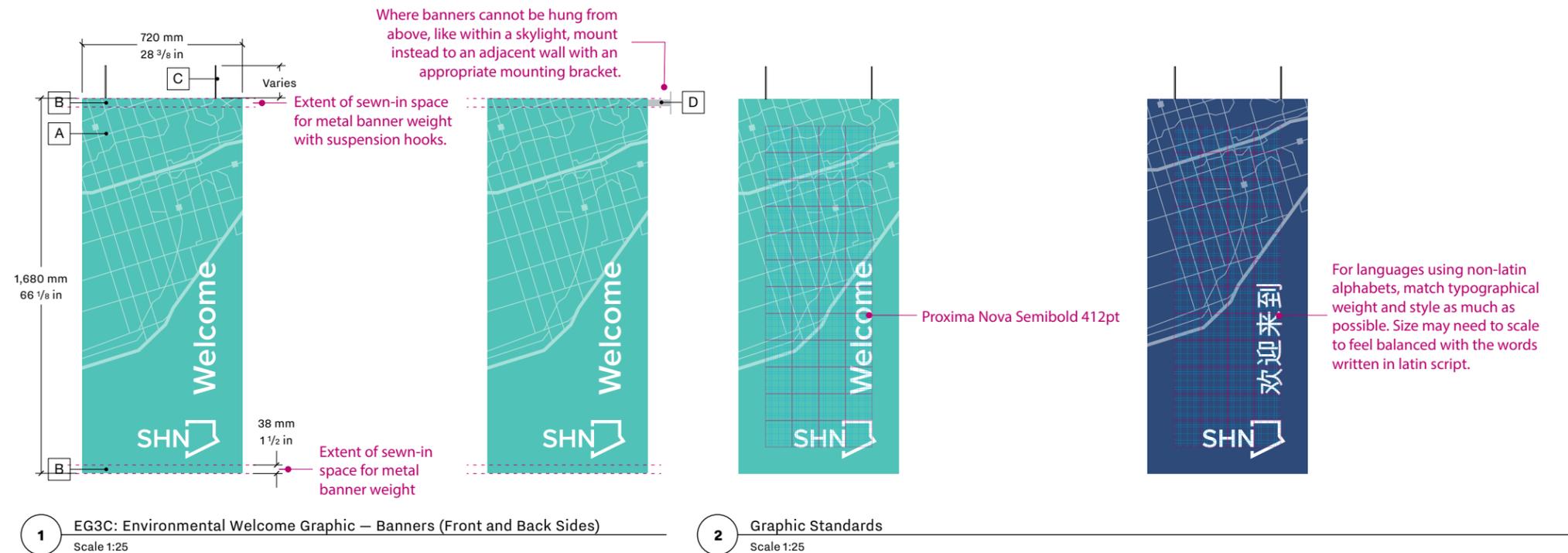
Panel size shown is the default size, but may need to be adjusted to suit site conditions. To do so, scale panels proportionally to 75%, 125%, 150% or 200% of its default size, as required to fit the space.

**LANGUAGES**

Use approved 'welcome' translations for the most common languages used by SHN visitors. At the time of this documents creation, the key languages to include were:

- English
- French
- Tamil
- Chinese/Mandarin
- Arabic
- Tagalog

Additional languages may be used beyond these, but these list languages should be present on every set of banners unless otherwise directed by SHN.



**3 Gradient**  
Scale 1:50

Although each banner is of a solid colour, the mesh material the artwork is printed on should allow for the colours to blend together into the intended gradient.

The span of banner panels is intended to create a gradients derived from SHNs primary brand colours; SHN teal and SHN blue. Designs shown are for nine-panel configurations. If using more, or less, use Adobe Illustrator's 'blend tool' to determine the blended colours between them.

= 120x120mm grid structure used for sign



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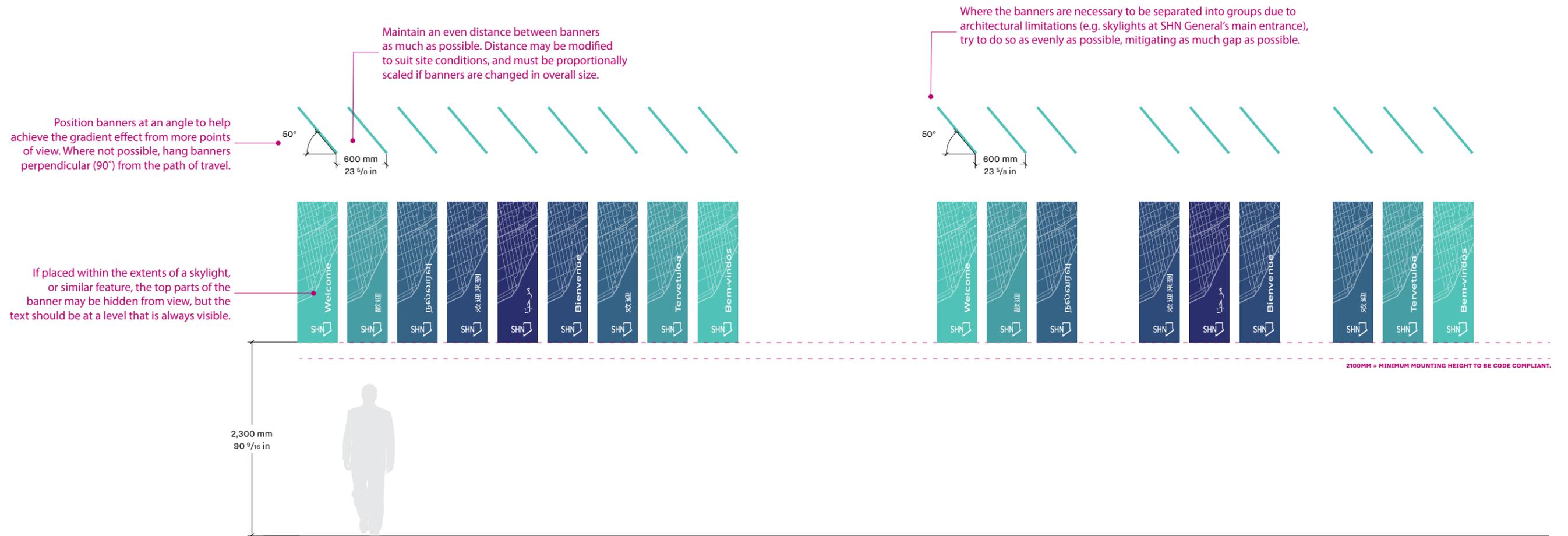
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**SIGN SPECIFICATIONS**

**EG3C: Environmental Welcome Graphic – Banners**

**ENVIRONMENTAL DIFFERENCES**

As each location may offer different environmental limitations, use this page as a guide for how the banners are intended to be hung, and modify to the location as required.



**4** Typical Elevation  
Scale 1:25



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# SIGN SPECIFICATIONS

## ID1A/B/C, ID2A/B/C: Goal ID Signs

- A BASE PANEL**
  - 12mm (1/2") thick white acrylic panel, with painted return edges to match 'SHN Blue'.
- B SIGN CONTENT**
  - Additive print tactile text and pictograms with 1mm raise, to match colours accordingly.
  - Lists of sub-destinations to be direct print.
- C BRAILLE**
  - Grade 1 Braille with 1mm raise, printed clear.

**Installation:**  
Adhere panel flat to wall with 3M d/s VHB tape. A white vinyl backer should be included for when mounted on glazed surfaces.

**NOTE:**  
Sign types ID1B and ID1C consists of both the large ID1A panel and the smaller panels. Subsequent installations may add the smaller panels to existing ID1A locations.

Sign types ID2B and ID2C consists of both the large ID2A panel and the smaller panels. Subsequent installations may add the smaller panels to existing ID2A locations.

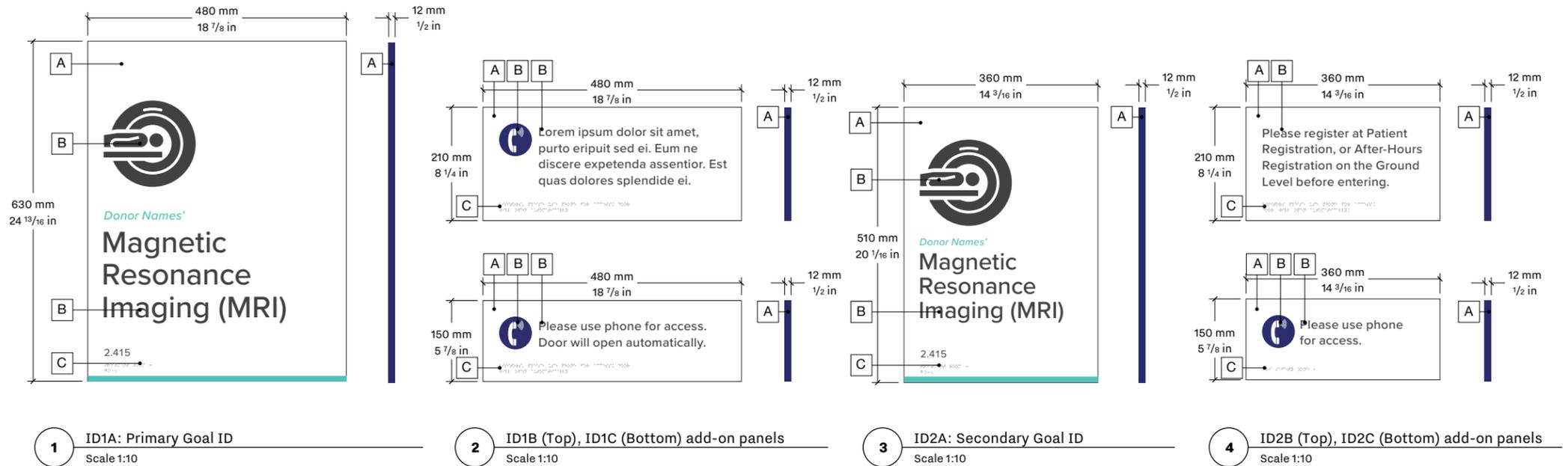
For signs without pictograms, use ID11 or ID12 signs, instead.

**MOUNTING**  
Mount all ID1A and ID2A Goal ID signs 1300mm AFF, 140mm away from the latch side of door, with any additional panel 25mm (1") below.

See placement diagram on this page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.



1 ID1A: Primary Goal ID  
Scale 1:10

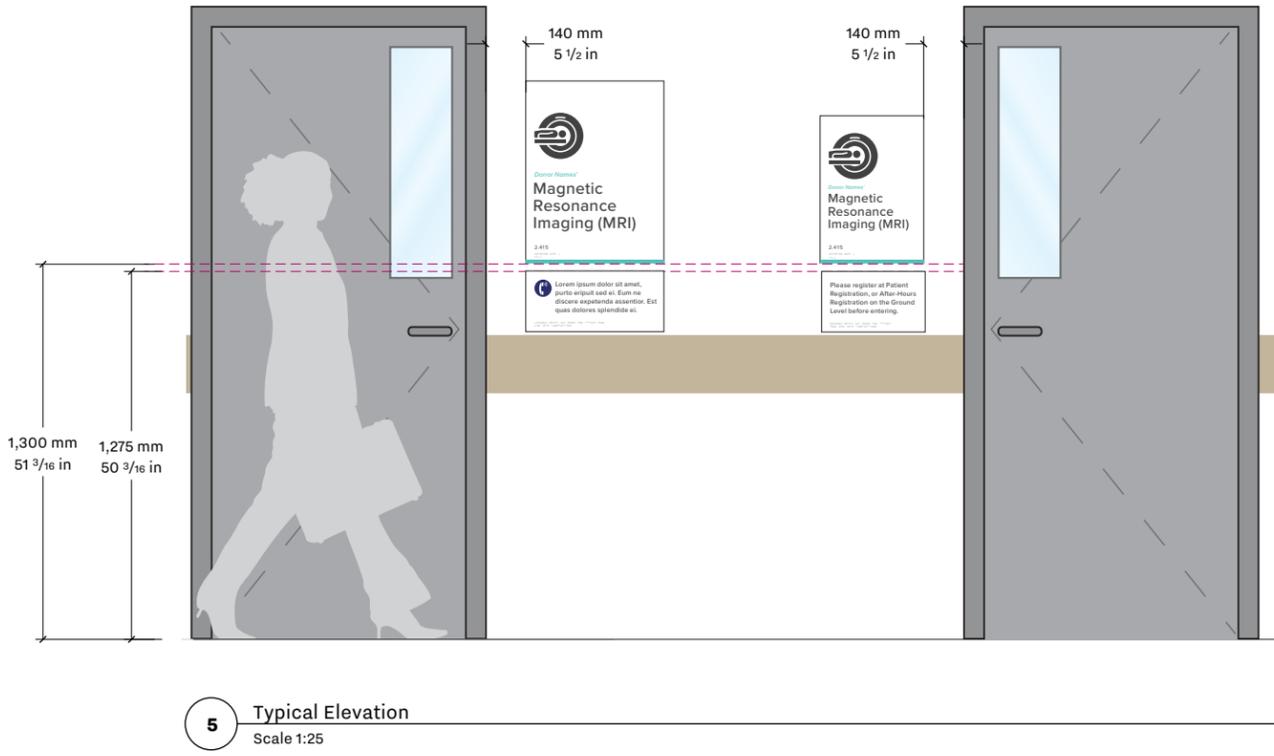
2 ID1B (Top), ID1C (Bottom) add-on panels  
Scale 1:10

3 ID2A: Secondary Goal ID  
Scale 1:10

4 ID2B (Top), ID2C (Bottom) add-on panels  
Scale 1:10

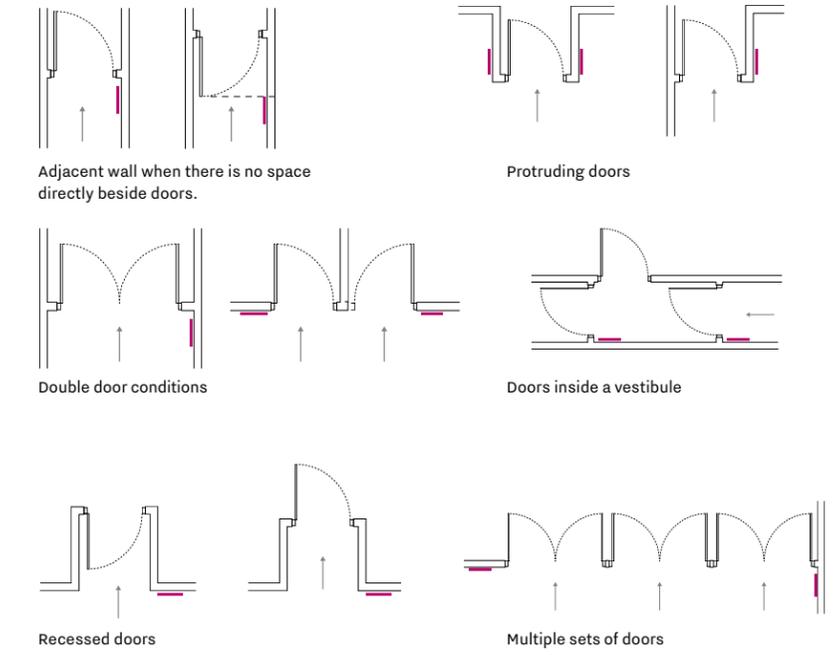
Note: Both the ID1B and ID1C sign types consist of an ID1A sign panel and the add-on panel by default.

Note: Both the ID2B and ID2C sign types consist of an ID2A sign panel and the add-on panel by default.



5 Typical Elevation  
Scale 1:25

### Mounting locations for atypical conditions:



## SIGN SPECIFICATIONS

### ID1A/B/C, ID2A/B/C: Goal ID Signs

#### ODD PICTOGRAMS

Some pictograms that are more horizontal or vertical in nature—like the one for an eye clinic—may need to break the 3x3 grid to feel visually similar to typical pictograms. In these instances, proportionally increase the size of the pictogram by half grid square increments until it feels right. In the case of the eye clinic pictogram, it required two increments, or one full grid square.

Proportionally size pictogram until either its height or width reaches the extent of the 3x3 grid, and centre the result within the allotted space.

Proxima Nova Medium 162/170pt  
If text is longer than what this size would allow, reduce text size to 130/150pt.

Proxima Nova Medium Italic 65pt

Proxima Nova Regular 90/96pt  
Shorter destination names allow sign to include some additional secondary text, if needed. If sign has two lines of the larger text, only use the bottom optional line.

Proxima Nova Medium Italic 120pt  
Use size only for meeting and conference type rooms.

Proxima Nova Regular 54pt  
Upper line: donor/destination name  
Lower line: arch number

6 ID1A Graphic Standards  
Scale 1:10

Proxima Nova Medium Italic 54pt

Proxima Nova Medium 127/127pt  
If text is longer than what this size would allow, reduce text size to 100/110pt.

Use header only within Emergency, and use only when needed to give the sign more attention. Other variations are preferred for site consistency.

When within a department, sub-destinations may be identified with a 'zone'.

Proxima Nova Medium 54pt

Proxima Nova Medium 127/127pt

Proxima Nova Regular 70/76pt

Proxima Nova Regular 54pt  
Upper line: donor/destination name  
Lower line: arch number

Proxima Nova Medium Italic 80pt  
Use size only for meeting and conference type rooms.

7 ID2A Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign

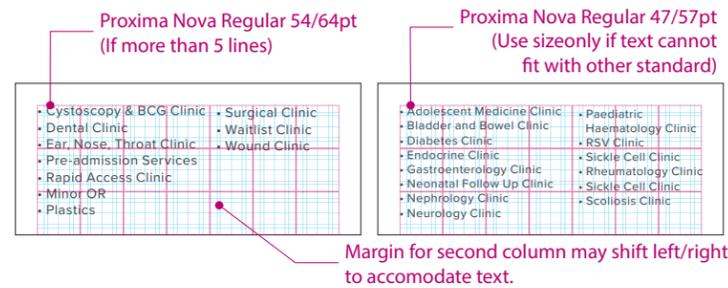
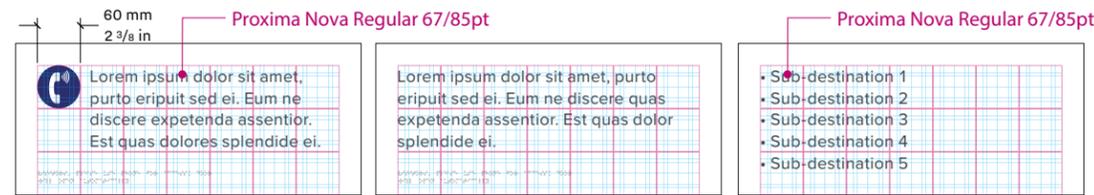
# SIGN SPECIFICATIONS

## ID1A/B/C, ID2A/B/C: Goal ID Signs

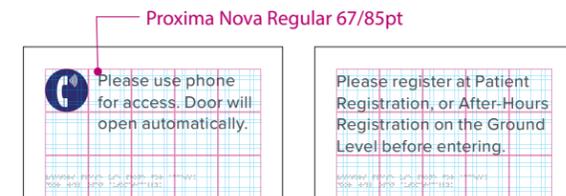
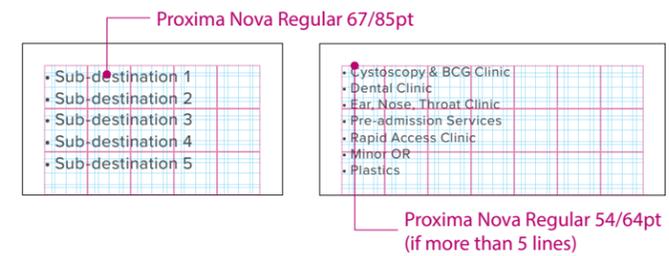
### TACTILE OR NOT TACTILE

Signs with wayfinding or operational instructions for patients and/or visitors (e.g. use phone, check-in at care station, etc) are to have tactile text and braille.

Signs with lists of sub-destinations are to be direct prints as text standards are too small for tactile legibility.



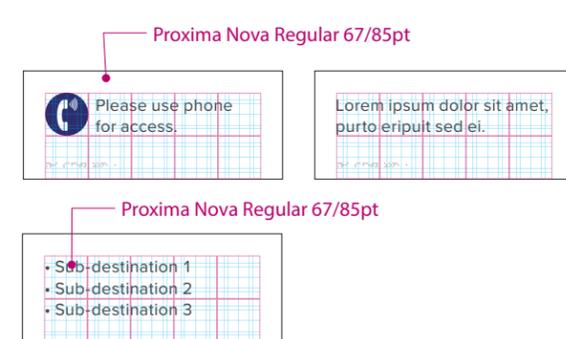
8 ID1B Graphic Standards  
Scale 1:10



9 ID2B Graphic Standards  
Scale 1:10



10 ID1C Graphic Standards  
Scale 1:10



11 ID2C Graphic Standards  
Scale 1:10

 = 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## ID11A/B/C, ID12A/B/C: Goal ID Signs

**A BASE PANEL**  
 • 12mm (1/2") thick white acrylic panel, with painted return edges to match 'SHN Blue'.

**B SIGN CONTENT**  
 • Additive print tactile text and pictograms with 1mm raise, to match colours accordingly.  
 • Lists of sub-destinations to be direct print.

**C BRAILLE**  
 • Grade 1 Braille with 1mm raise, printed clear.

**Installation:**  
 Adhere panel flat to wall with 3M d/s VHB tape. A white vinyl backer should be included for when mounted on glazed surfaces.

**NOTE:**  
 ID11 and ID12 signs are only used in lieu of ID1 or ID2 when there is no pictogram or other graphic visual, just text.

Sign Type ID11B consists of both the large ID11A panel and an ID1B add-on panel.

Sign Type ID11C consists of both the large ID11A panel and an ID1C add-on panel.

Sign Type ID12C consists of both the large ID12A panel and an ID2B add-on panel.

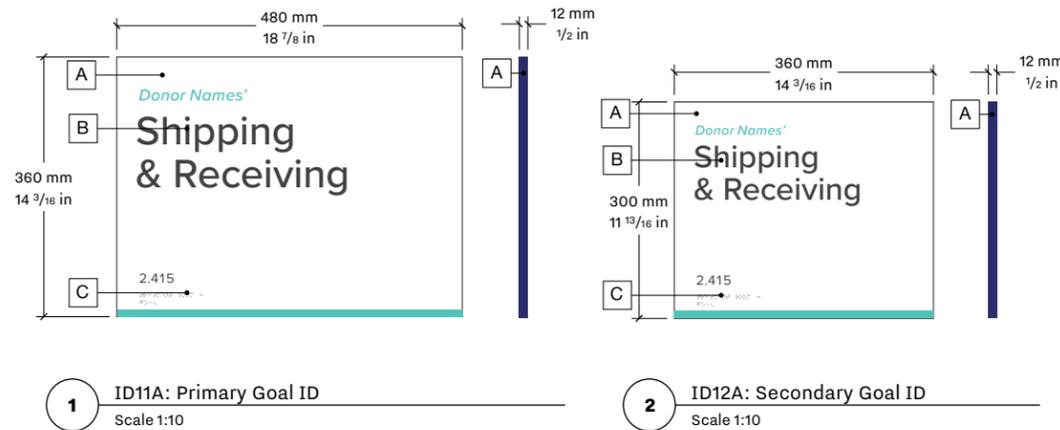
Sign Type ID12C consists of both the large ID12A panel and an ID2C add-on panel.

**MOUNTING**  
 Mount all ID11A and ID12A Goal ID signs 1300mm AFF, 140mm away from the latch side of door, with any add-on panel 25mm (1") below it.

See placement diagram on the ID1 and ID2 sign type page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

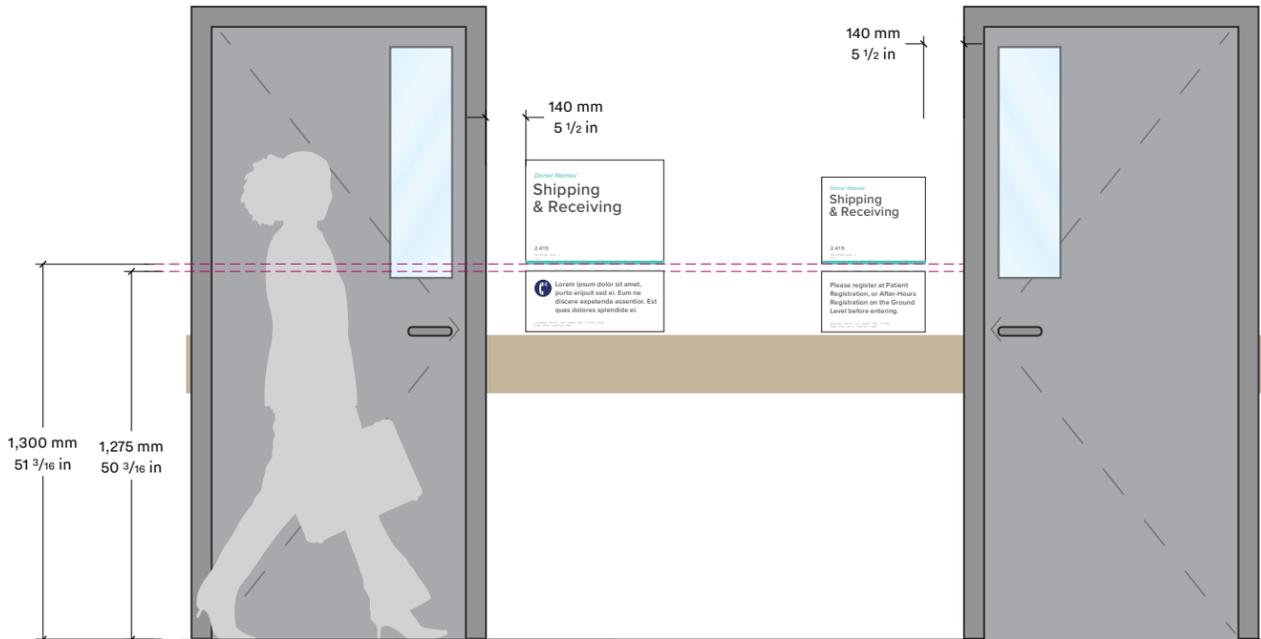
If there is an obstacle at the mounting location, follow these actions in order for alternatives:

- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.

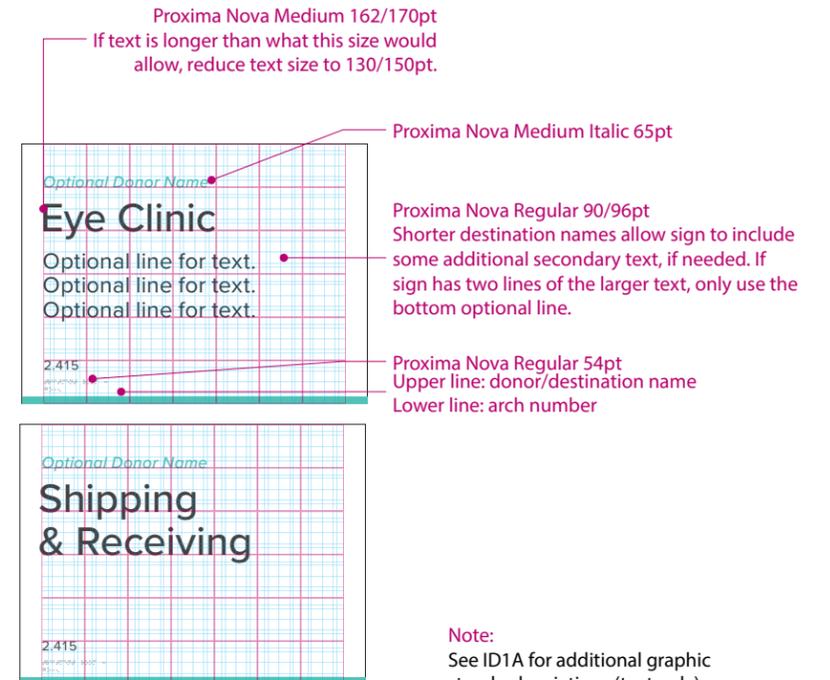


1 ID11A: Primary Goal ID  
 Scale 1:10

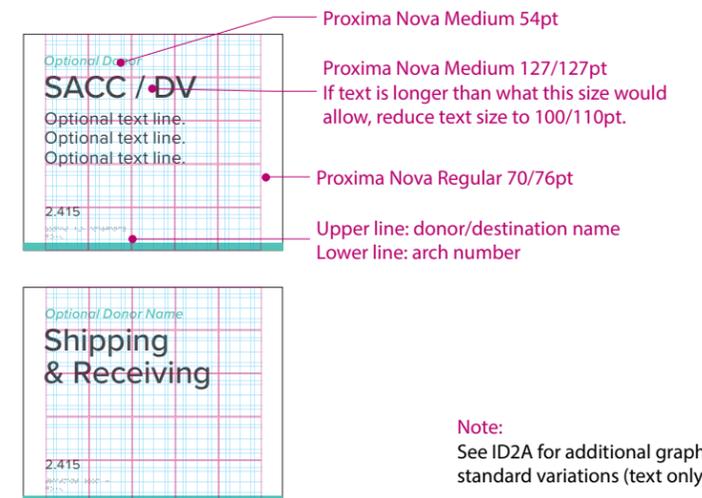
2 ID12A: Secondary Goal ID  
 Scale 1:10



3 Typical Elevation, ID11B and ID12B shown  
 Scale 1:25



4 ID11A: Graphic Standards  
 Scale 1:10



5 ID12A: Graphic Standards  
 Scale 1:10

**SIGN SPECIFICATIONS**

**ID3A: Goal ID – Primary Dimensional**

**A** **DIMENSIONAL LETTERS, PICTOGRAM**  
 • 6mm (1/4") thick cut aluminum, painted.

Installation:  
 • Pin-mount flat to wall with 3M d/s VHB tape.

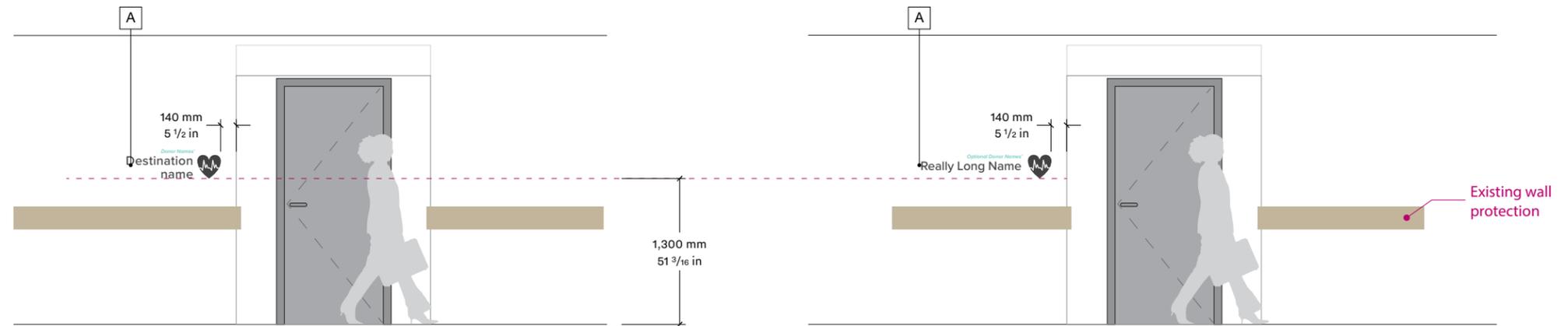
**BEFORE FABRICATION**

Sign Contractor to confirm site dimensions and conditions prior to fabricating any sign component. The sign type must only be mounted to wall surfaces that are not painted drywall.

**WHICH DIMENSIONAL GOAL ID TO USE:**

- ID3A:** Sign when a little extra prominence is needed.
- ID3B:** Sign for key departments or clinical spaces that are not at the Centre of Excellence level.
- ID3C:** Sign only for Centres of Excellence.
- ID3D, ID3E:** Sign only at Centres of Excellence. The ID3C sign is still the more important one to include, but this sign may be added nearby, or within the space itself.

\*Note:  
 To be compliant with accessibility standards, tactile and braille signs are required outside of entrances to rooms. In these cases, use an ID1A or ID2A sign. If signing at an open area or into a corridor, then an ID3A, ID3B, or ID3C sign may be used.



**1** ID3A Typical Elevation  
 Scale 1:50



**2** ID3A: Goal ID – Primary Dimensional: Graphic Standards  
 Scale 1:10

= 60x60mm grid structure used for sign

**SIGN SPECIFICATIONS**

**ID3B: Goal ID – Primary Dimensional with Gradient**

- A COMMERCIAL GRADE PRINTABLE VINYL**
- Dreamscape–20oz (457g/m²) Type II, matte finish.
  - Embossed vinyl face with laminated fabric backing.
  - Backing to be poly-cotton woven, or similar.
- Installation:
- Standard commercial wallcovering pastes, primers, and techniques.
  - Requires drywall finish to be level 4 or better.

- B DIMENSIONAL LETTERS, PICTOGRAM**
- 6mm (1/4") thick cut aluminum, painted.
- Installation:
- Pin-mount flat to wall with 3M d/s VHB tape.

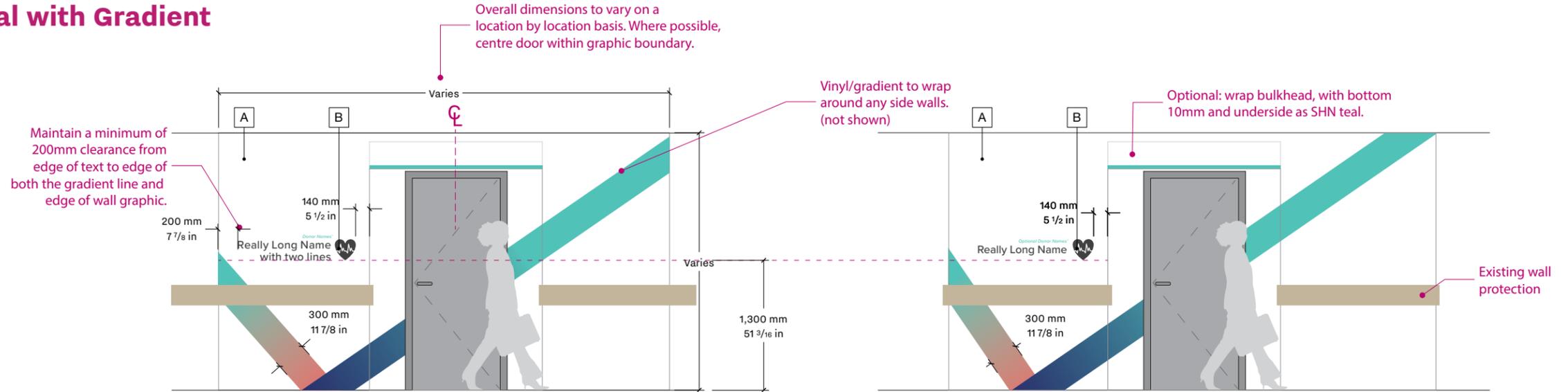
**BEFORE FABRICATION**

Sign Contractor to confirm site dimensions and conditions prior to fabricating any sign component.

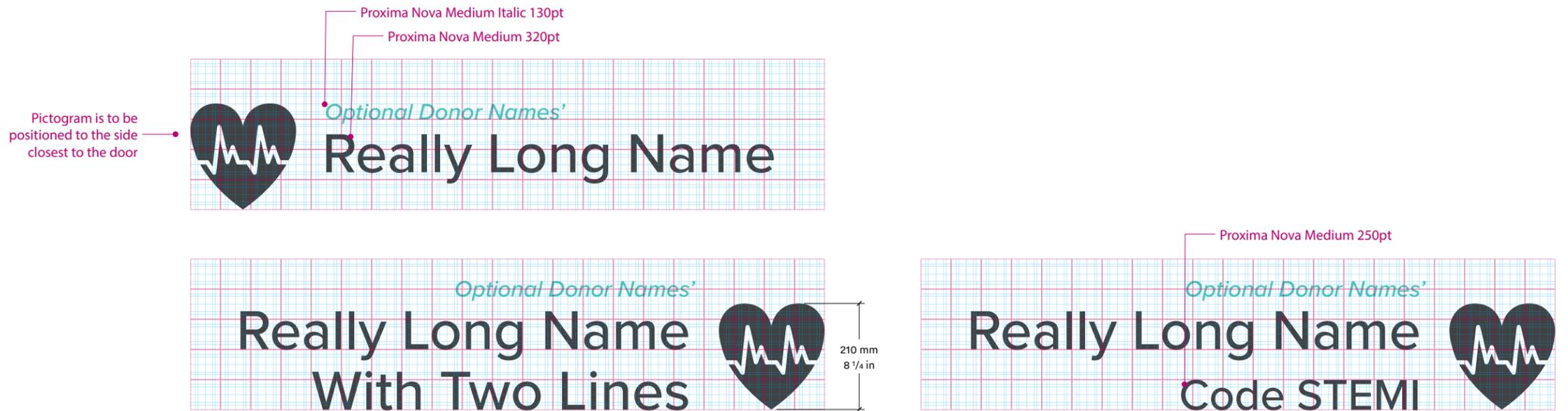
**WHICH DIMENSIONAL GOAL ID TO USE:**

- ID3A:** Sign when a little extra prominence is needed.
- ID3B:** Sign for key departments or clinical spaces that are not at the Centre of Excellence level.
- ID3C:** Sign only for Centres of Excellence.
- ID3D, ID3E:** Sign only at Centres of Excellence. The ID3C sign is still the more important one to include, but this sign may be added nearby, or within the space itself.

\*Note:  
To be compliant with accessibility standards, tactile and braille signs are required outside of entrances to rooms. In these cases, use an ID1A or ID2A sign. If signing at an open area or into a corridor, then an ID3A, ID3B, or ID3C sign may be used.



**1** ID3B Typical Elevation  
Scale 1:50



**2** ID3B: Goal ID – Dimensional Elements: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

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## SIGN SPECIFICATIONS

### ID3C: Goal ID – Primary Dimensional with Teal Band

**A WALL PAINT**  
• White and SHN Teal paint

**B DIMENSIONAL LETTERS, PICTOGRAM**  
• 6mm (1/4") thick cut aluminum, painted.

Installation:  
• Pin-mount flat to wall with 3M d/s VHB tape.

#### BEFORE FABRICATION

Sign Contractor to confirm site dimensions and conditions prior to fabricating any sign component.

#### PROMINENT AREAS

When an area requires a little more prominence, but not to the level of a Centre of Excellence, then use this treatment to ID the space.

#### WHICH DIMENSIONAL GOAL ID TO USE:

**ID3A:** Sign when a little extra prominence is needed.

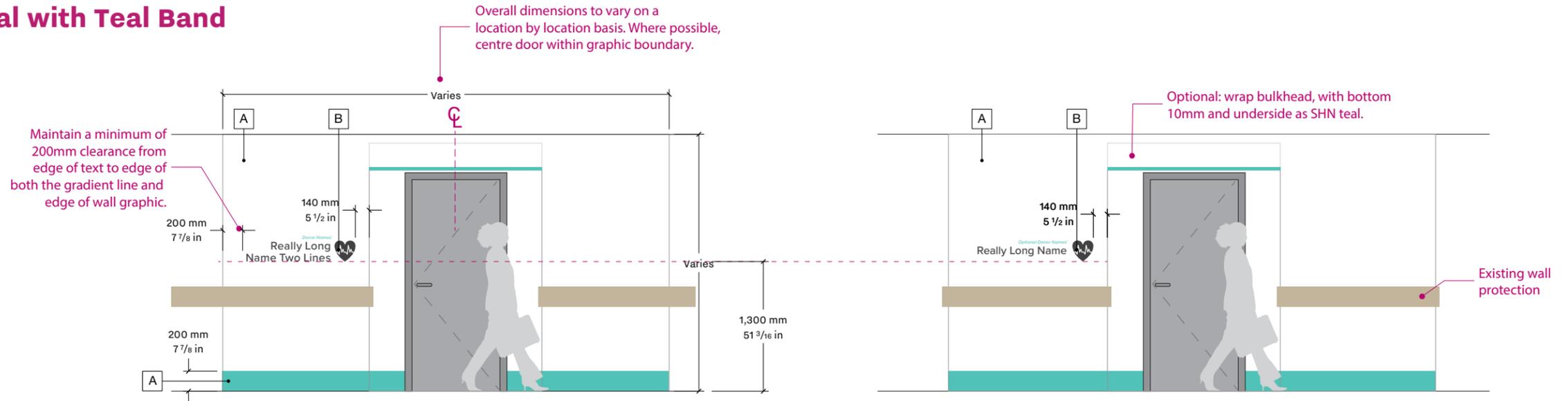
**ID3B:** Sign for key departments or clinical spaces that are not at the Centre of Excellence level.

**ID3C:** Sign only for Centres of Excellence.

**ID3D, ID3E:** Sign only at Centres of Excellence. The ID3C sign is still the more important one to include, but this sign may be added nearby, or within the space itself.

#### \*Note:

To be compliant with accessibility standards, tactile and braille signs are required outside of entrances to rooms. In these cases, use an ID1A or ID2A sign. If signing at an open area or into a corridor, then an ID3A, ID3B, or ID3C sign may be used.



1 Typical Elevation  
Scale 1:50



2 ID3C: Goal ID – Dimensional Elements: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## ID3D, ID3E: Goal ID – Centre of Excellence

- A COMMERCIAL GRADE PRINTABLE VINYL**
- Dreamscape-20oz (457g/m<sup>2</sup>) Type II, matte finish.
  - Embossed vinyl face with laminated fabric backing.
  - Backing to be poly-cotton woven, or similar.

**Installation:**

- Standard commercial wallcovering pastes, primers, and techniques.
- Requires drywall finish to be level 4 or better.

- B DIMENSIONAL LETTERS, LOGO**
- 6mm (1/4") thick cut aluminum, painted.

**Installation:**

- Pin-mount flat to wall with 3M d/s VHB tape.

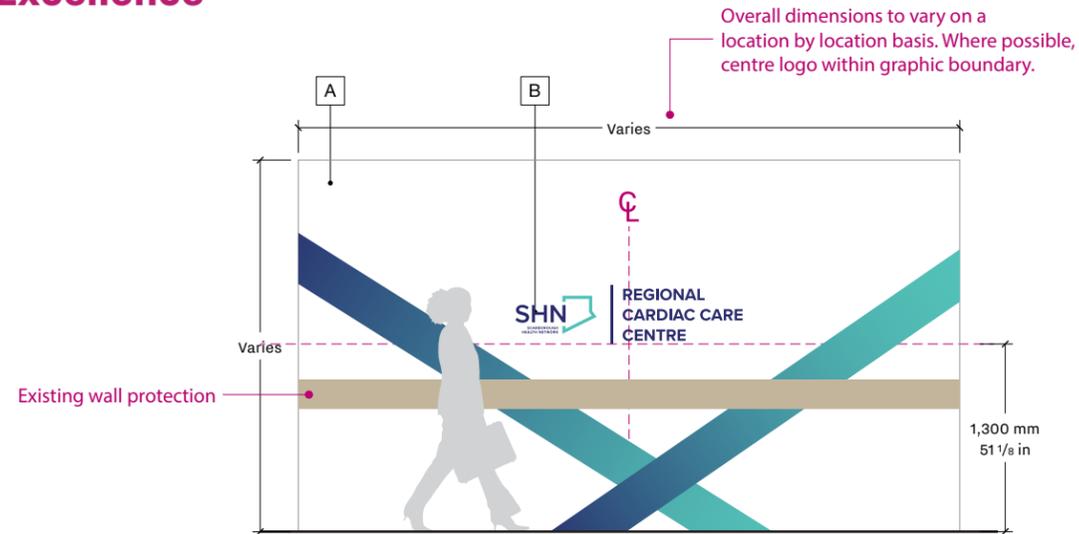
### BEFORE FABRICATION

Sign Contractor to confirm site dimensions and conditions prior to fabricating any sign component.

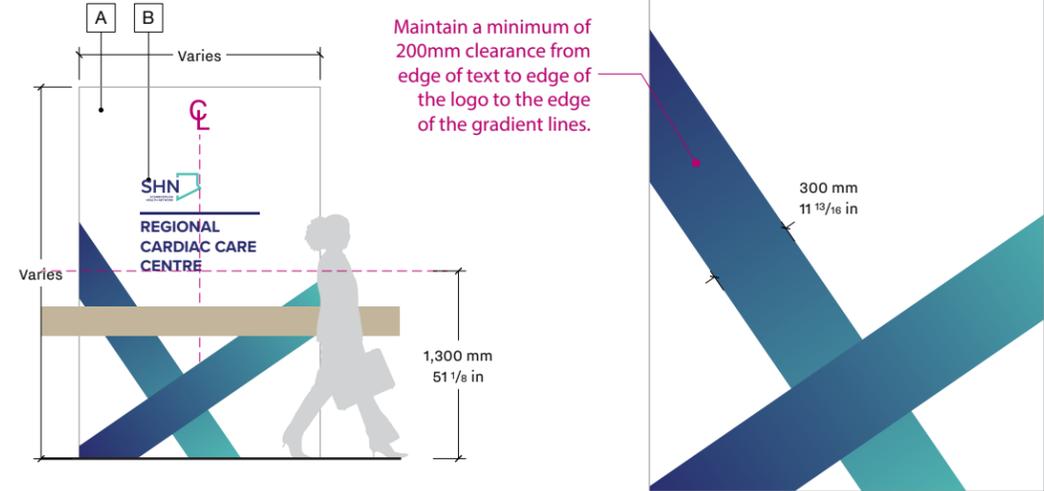
### WHICH DIMENSIONAL GOAL ID TO USE:

- ID3A:** Sign when a little extra prominence is needed.
- ID3B:** Sign for key departments or clinical spaces that are not at the Centre of Excellence level.
- ID3C:** Sign only for Centres of Excellence.
- ID3D, ID3E:** Sign only at Centres of Excellence. The ID3C sign is still the more important one to include, but this sign may be added nearby, or within the space itself.

**\*Note:**  
To be compliant with accessibility standards, tactile and braille signs are required outside of entrances to rooms. In these cases, use an ID1A or ID2A sign. If signing at an open area or into a corridor, then an ID3A, ID3B, or ID3C sign may be used.



**1** ID3D: Goal ID – Centre of Excellence – Large  
Scale 1:50



**2** ID3E: Goal ID – Centre of Excellence – Small  
Scale 1:50

**3** Graphic Standards – Gradient Lines  
Scale 1:25



**4** Graphic Standards – Horizontal Logo  
Scale 1:15



**5** Graphic Standards – Vertical Logo  
Scale 1:15



**PROJECT**  
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# SIGN SPECIFICATIONS

## ID4A: Goal ID – Primary Bulkhead – Dimensional

### A DIMENSIONAL LETTERS, PICTOGRAM

• 6mm (1/4") thick cut aluminum, painted.

Installation:  
• Pin-mount flat to wall with 3M d/s VHB tape.

#### BEFORE FABRICATION

Sign Contractor to confirm site dimensions and conditions prior to fabricating any sign component. The sign type must only be mounted to wall surfaces that are not painted drywall.

#### LOCATION

This sign is to be used for open receptions with desks instead of doors.

#### VARIABLE SIZE

120mm overall height is the default size of this sign type to match the size of typical ID5A and ID5B suspended signs. However, the sign may be required to be larger or smaller to feel appropriately sized in-context. To do so, proportionally scale sign in 30mm increments to a minimum of 90mm and a maximum of 180mm in height. Sign Fabricator to provide elevations of sign in location context for client review.

#### BASE-BUILDING DESTINATIONS

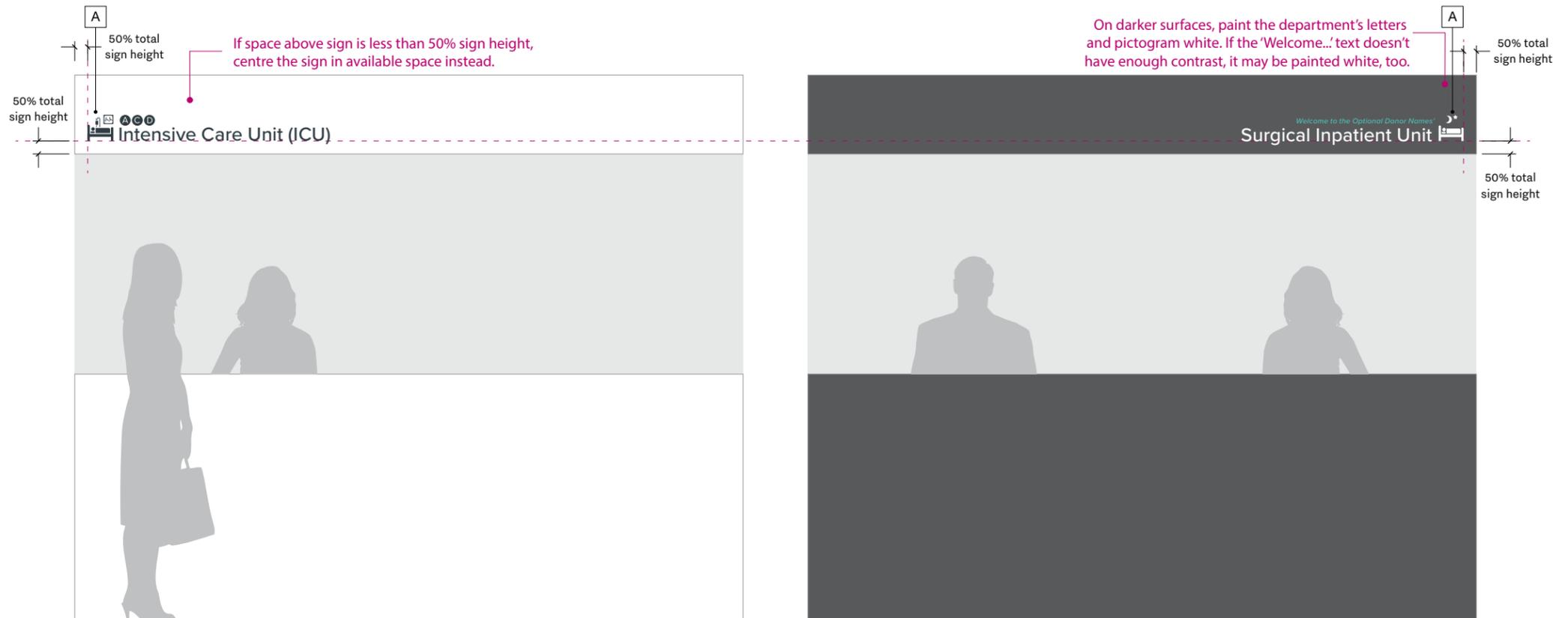
Some base-building areas—like Information, Registration Kiosks, and Parking Paystations—with wall space can be painted an associated colour to offer some prominence.

Parking Pay Stations: Parking Green  
Information: SHN Teal  
Registration Kiosks: SHN Teal

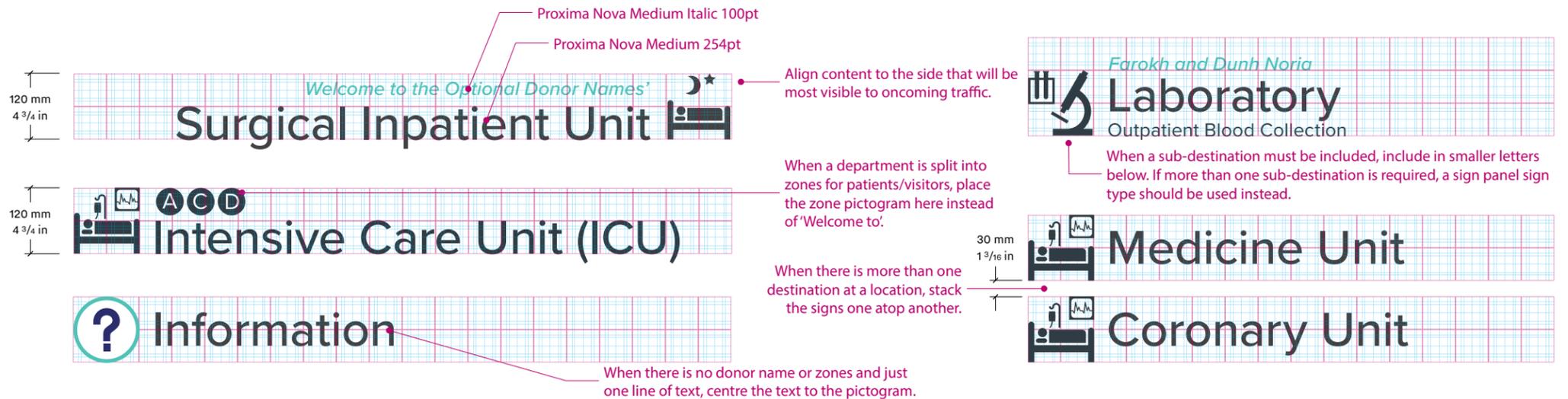
This can be the extent of applicable wall space, or the of the recess of service or entry.

Keep entire surrounding area in mind. If everything is loud and bright, nothing will stand out. Gauge what needs to be seen first, second, third, etc, and make as prominent as is necessary.

Note: Any painting to areas is to be completed by others before the Signage Contractor installs sign.



1 ID4A: Goal ID – Primary Bulkhead – Dimensional  
Scale 1:25



2 ID4A Dimensional Elements: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign

**SIGN SPECIFICATIONS**

**ID4B, ID4C: Goal ID – Secondary Bulkhead**

- A FRAME**
- Fabricated aluminum angle frame with all visible faces painted 'SHN Blue'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

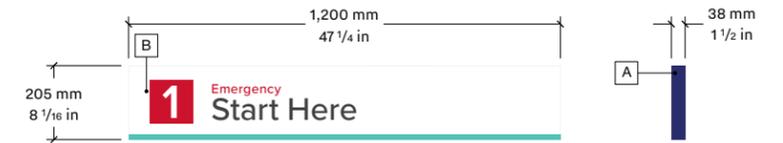
**Installation:**  
Attach frame to wall with appropriate anchors. Snap printed sign face into frame.

See technical drawing for typical framed wall-mounted signs in the 'Interior Sign Technical Drawings' section.

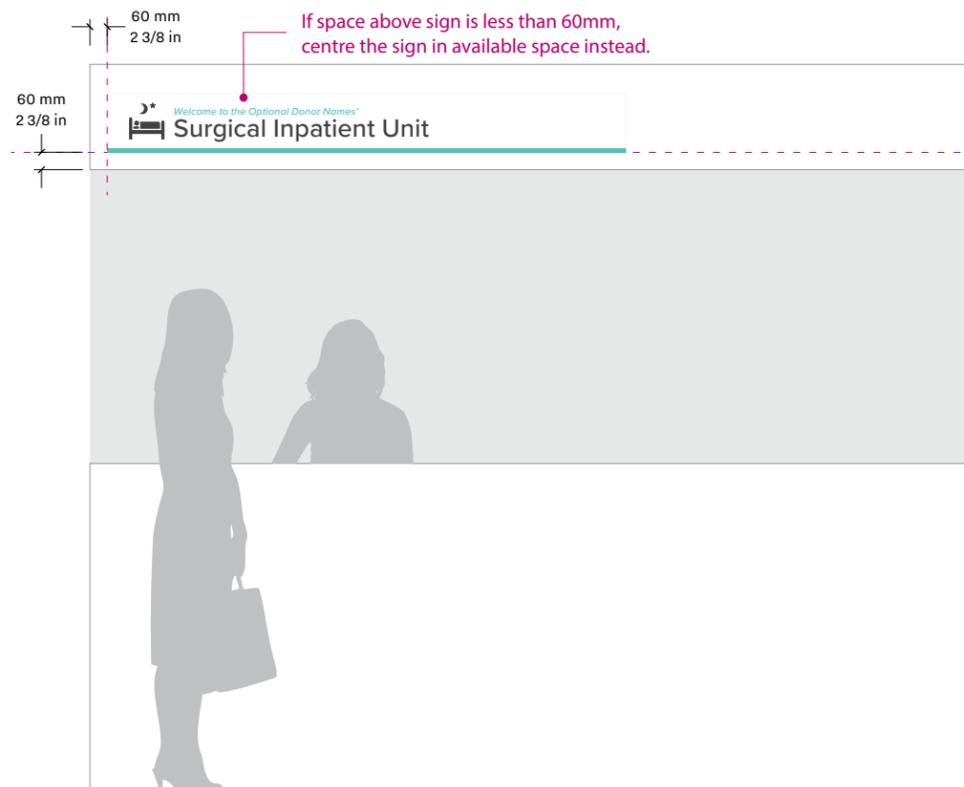
**UPDATABILITY**  
Entire PVC panel is to be removed from the frame and replaced with its update.



**1** ID4B: Goal ID – Secondary Bulkhead – Large  
Scale 1:20



**2** ID4C: Goal ID – Secondary Bulkhead – Small  
Scale 1:20



**3** ID4B, ID4C: Typical Elevations  
Scale 1:25

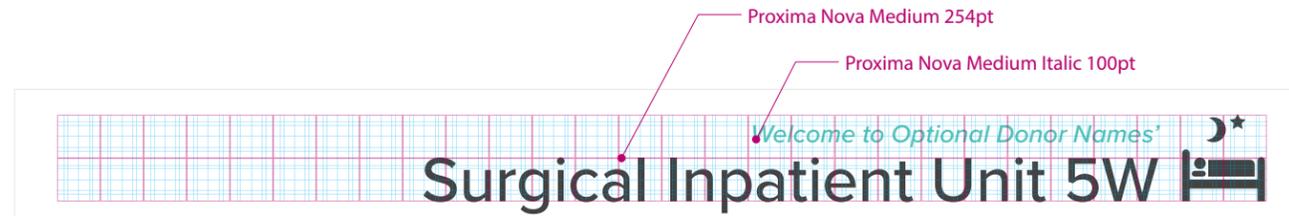
**SIGN SPECIFICATIONS**

**ID4B, ID4C: Goal ID – Secondary Bulkhead**

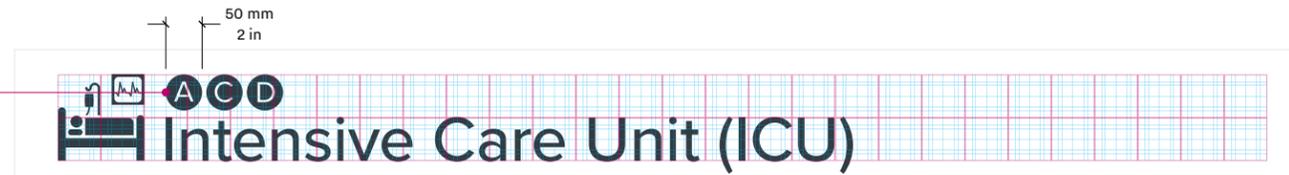
**WELCOME MESSAGE**

Clinics and Units with this sign will include a welcome message of 'Welcome to' on the upper line of these signs. If the space is to recognize a donor, their name(s) can be added into this message line, if appropriate, too.

When a department is split into zones for patients/visitors, place the zone pictogram here instead of 'Welcome to'.



Align content to the side that will be most visible to oncoming traffic.

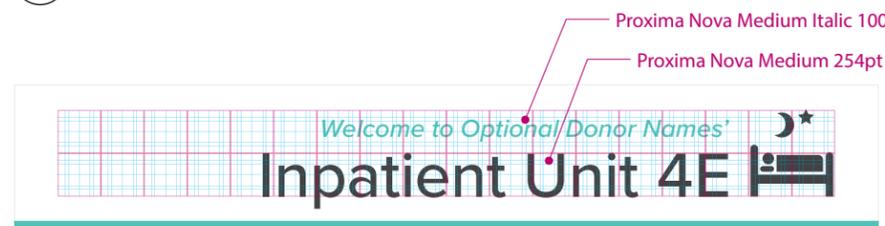


When there is no donor name or zones and just one line of text, centre the text to the pictogram.



To fit longer content, reduce type size to: Proxima Nova Medium 175pt

**4** ID4B: Graphic Standards  
Scale 1:10



To fit longer content, reduce type size to: Proxima Nova Medium 175pt



Red is to only be used for Emergency. If process steps will be used outside of Emergency, change colour to dark cool grey for consistency across signs.

If referencing a process number, write in the department name instead of 'Welcome to', and the process goal as the large text.



**5** ID4C: Graphic Standards  
Scale 1:10

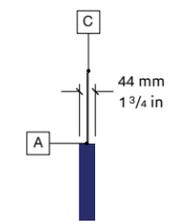
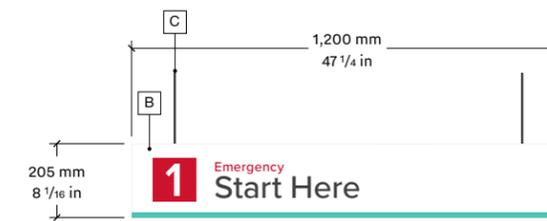
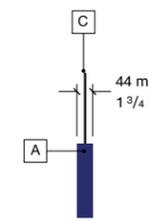
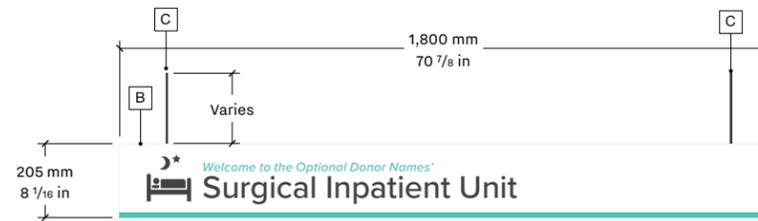
= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### ID5A, ID5B: Goal ID – Suspended

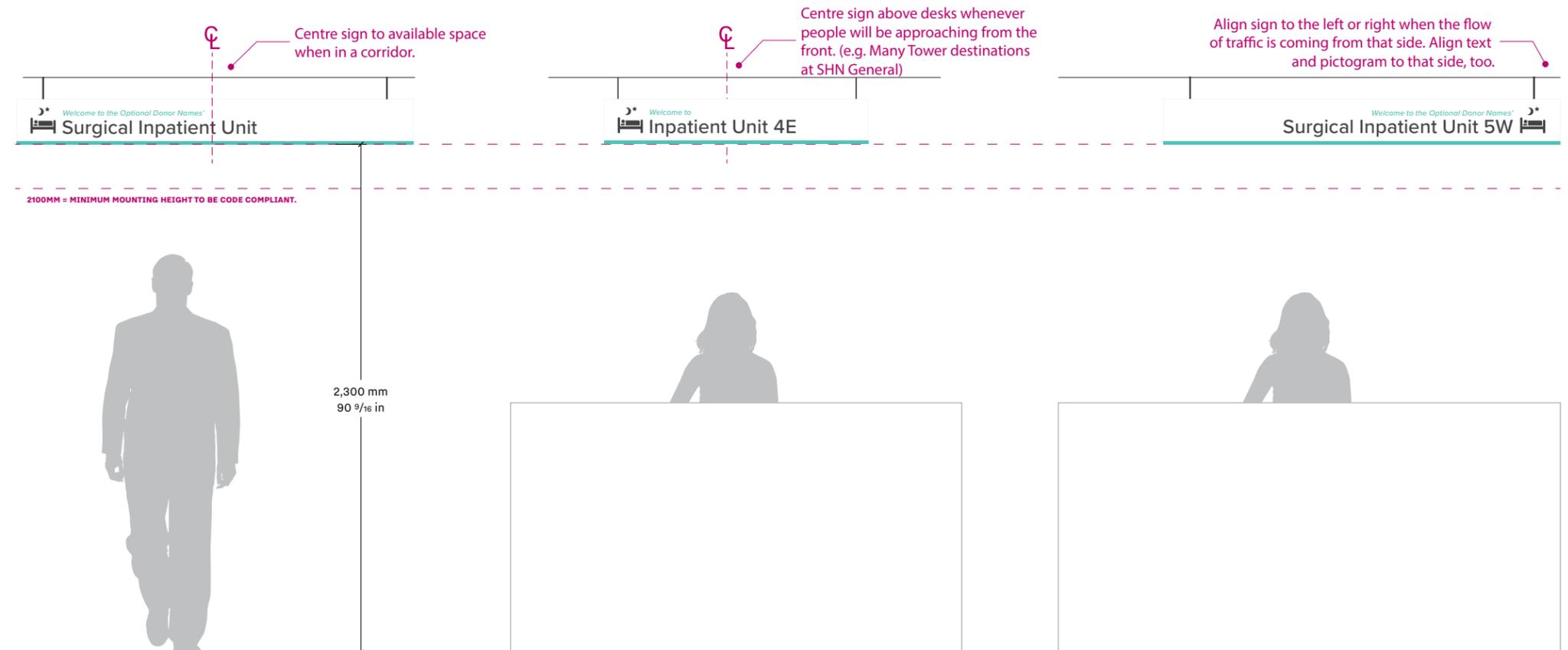
- A FRAME**
  - 44mm (1 3/4") thick fabricated aluminum angle frame with all visible faces painted 'SHN Blue'.
  - PVC backer with embedded earth magnets.
- B SIGN PANEL**
  - 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.
- C SUSPENSION CABLE**
  - 1.5mm (1/16") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.

See technical drawing for typical suspended signs in the 'Interior Sign Technical Drawings' section.



1 ID5A: Goal ID – Primary Suspended – Large  
Scale 1:20

2 ID5B: Goal ID – Secondary Suspended – Small  
Scale 1:20



3 Typical Elevation: Corridor  
Scale 1:25

4 Typical Elevation: Desks  
Scale 1:25

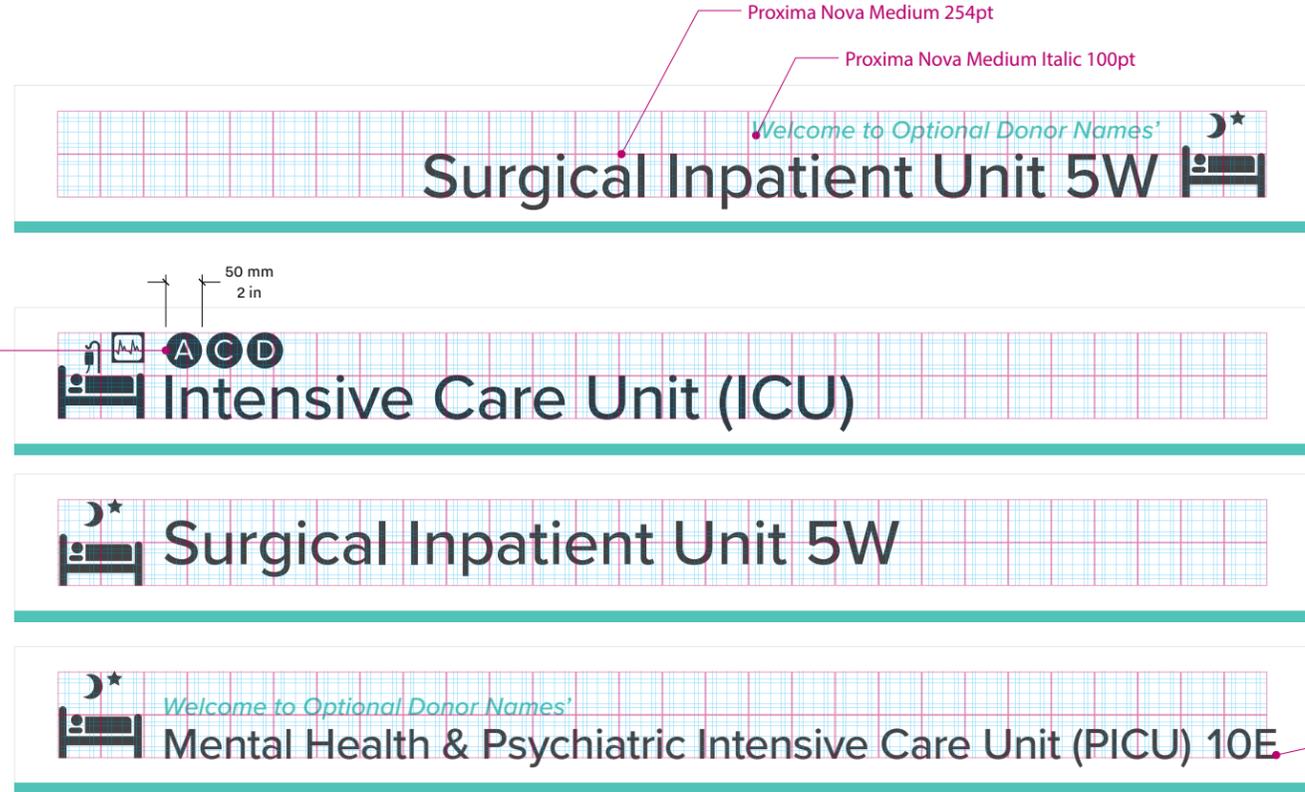
**SIGN SPECIFICATIONS**

**ID5A, ID5B: Goal ID – Suspended**

**WELCOME MESSAGE**

Clinics and Units with this sign will include a welcome message of 'Welcome to' on the upper line of these signs. If the space is to recognize a donor, their name(s) can be added into this message line, if appropriate, too.

When a department is split into zones for patients/visitors, place the zone pictogram here instead of 'Welcome to'.



Align content to the side that will be most visible to oncoming traffic.

When there is no donor name or zones and just one line of text, centre the text to the pictogram.

Proxima Nova Medium 175pt

5 ID5A: Graphic Standards  
Scale 1:10

Red is to only be used for Emergency. If process steps will be used outside of Emergency, change colour to dark cool grey for consistency across signs.

If referencing a process number, write in the department name instead of 'Welcome to', and the process goal as the large text.



Proxima Nova Medium Italic 100pt  
Proxima Nova Medium 254pt

Proxima Nova Medium 175pt

6 ID5B: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign



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# SIGN SPECIFICATIONS

## ID6A, ID6C: Goal ID – Projecting

**A ACRYLIC C-FRAME**  
 • 6mm thick acrylic C-frame.  
 \*Not shown on this page. See technical drawing.

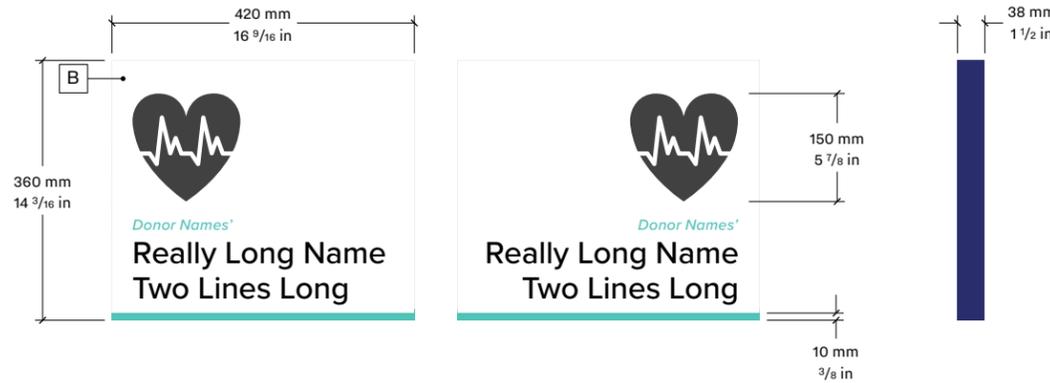
**B ACRYLIC SIGN BOX**  
 • 3mm thick acrylic box without a back. Faces & returns painted MP03408 Fleet White, band Old San Juan Jade.  
 • Kiss-cut vinyl graphics on front and back surfaces.

**Installation:**  
 Attach C-frame to wall with appropriate anchors. Slide sign box onto C-frame and mechanically secure.

See technical drawing for typical projecting signs in the 'Interior Sign Technical Drawings' section.

**MOUNTING HEIGHT**  
 Wherever possible, mount base of sign at 2300mm AFF. Where corridors require the signs to be lower, mount lower, but never below the upper extent of a door frame, or 2100mm, whichever happens to be higher. In these cases, it's best to not have this sign in place.

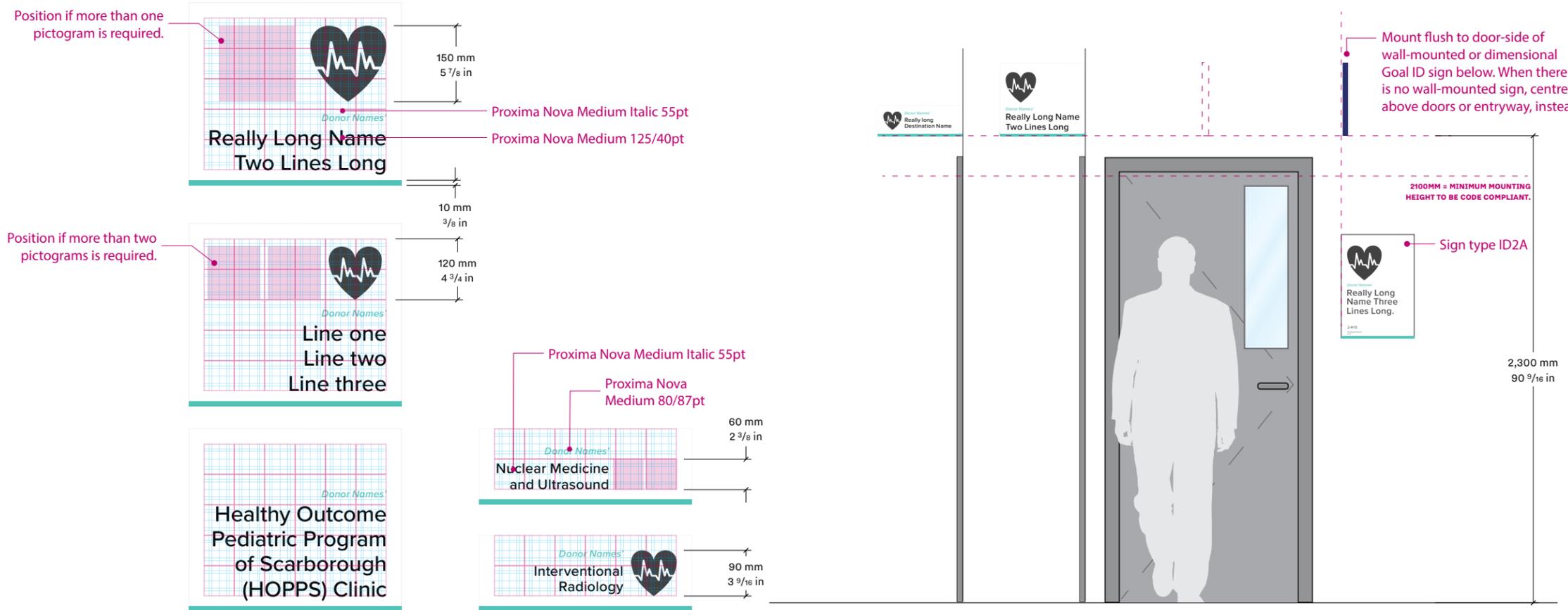
**ALTERNATIVE MOUNTING LOCATION**  
 When there is no door to a department, and the entrance is just an opening (e.g. Fracture Clinic at Birchmount), then mount sign centred to the entryway, 2300mm AFF. When the door or entryway is recessed from the corridor, mount centred above the recessed area, 2300mm AFF.



**1** ID6A: Goal ID – Projecting, Standard  
 Scale 1:10



**2** ID6C: Goal ID – Projecting, Small  
 Scale 1:10



**3** Graphic Standards  
 Scale 1:10

**4** ID6A, ID6C: Typical Mounting Location  
 Scale 1:25

= 60x60mm grid structure used for sign

**SIGN SPECIFICATIONS**

**ID6B: Goal ID – Base Building Projecting**

**A ACRYLIC C-FRAME**  
 • 6mm thick acrylic C-frame.  
 \*Not shown on this page. See technical drawing.

**B ACRYLIC SIGN BOX**  
 • 3mm thick acrylic box without a back. Faces & returns painted MP03408 Fleet White, band Old San Juan Jade.  
 • Kiss-cut vinyl graphics on front and back surfaces.

**Installation:**  
 Attach C-frame to wall with appropriate anchors. Slide sign box onto C-frame and mechanically secure.

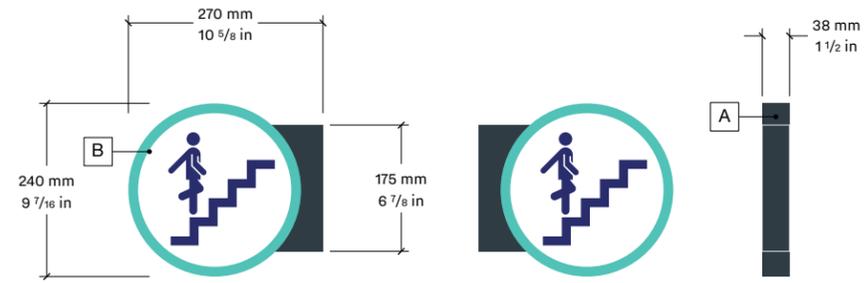
See technical drawing for typical projecting signs in the 'Interior Sign Technical Drawings' section.

**BASE-BUILDING VARIABILITY**

This sign type is typically used in identifying the locations of Information, stairs, washrooms, and elevators. However, it may also be used to identify other areas with a base-building pictogram (see pictograms page), like vending machines, public phones, or changerooms, as necessary.

**MOUNTING HEIGHT**

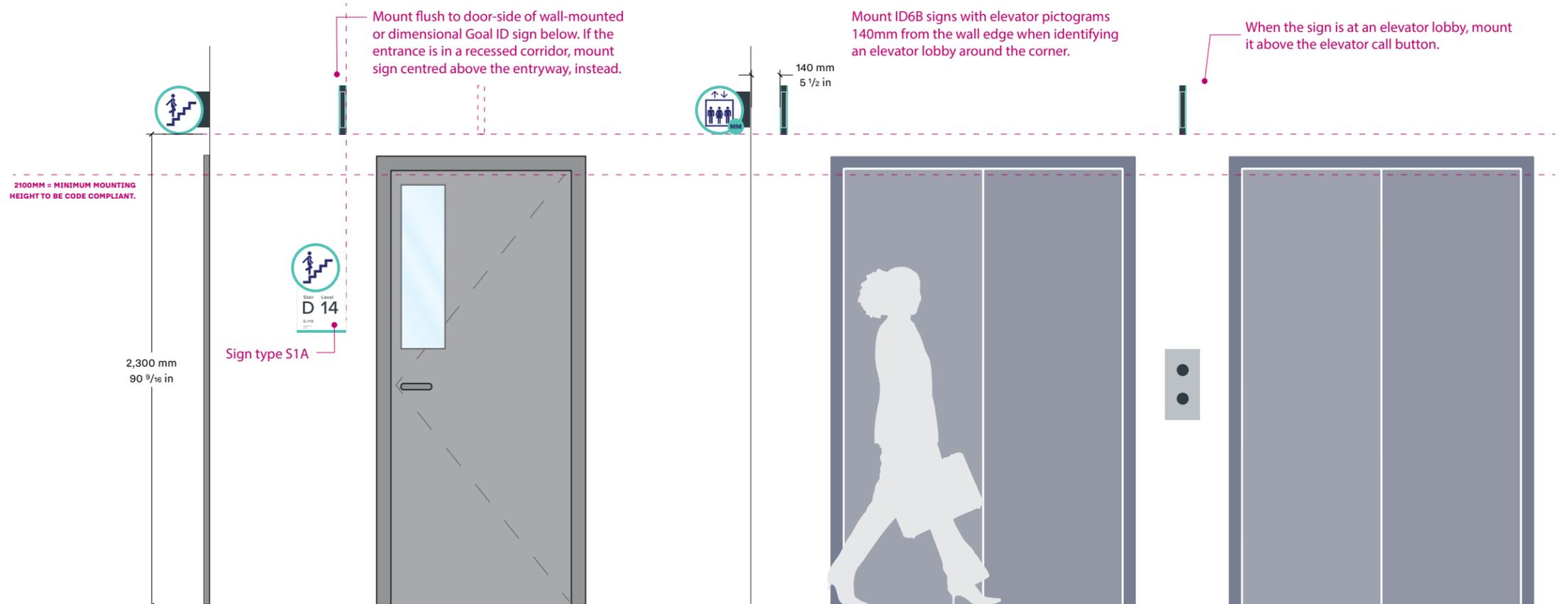
Wherever possible, mount base of sign at 2300mm AFF. Where corridors require the signs to be lower, mount lower, but never below the upper extent of a door frame, or 2100mm, whichever happens to be higher. In these cases, it's best to not have this sign in place.



**1** ID6B: Goal ID – Base Building Projecting  
 Scale 1:10



**5** ID6B: Variations  
 Scale 1:10



**6** Typical Elevation  
 Scale 1:25

**SIGN SPECIFICATIONS**

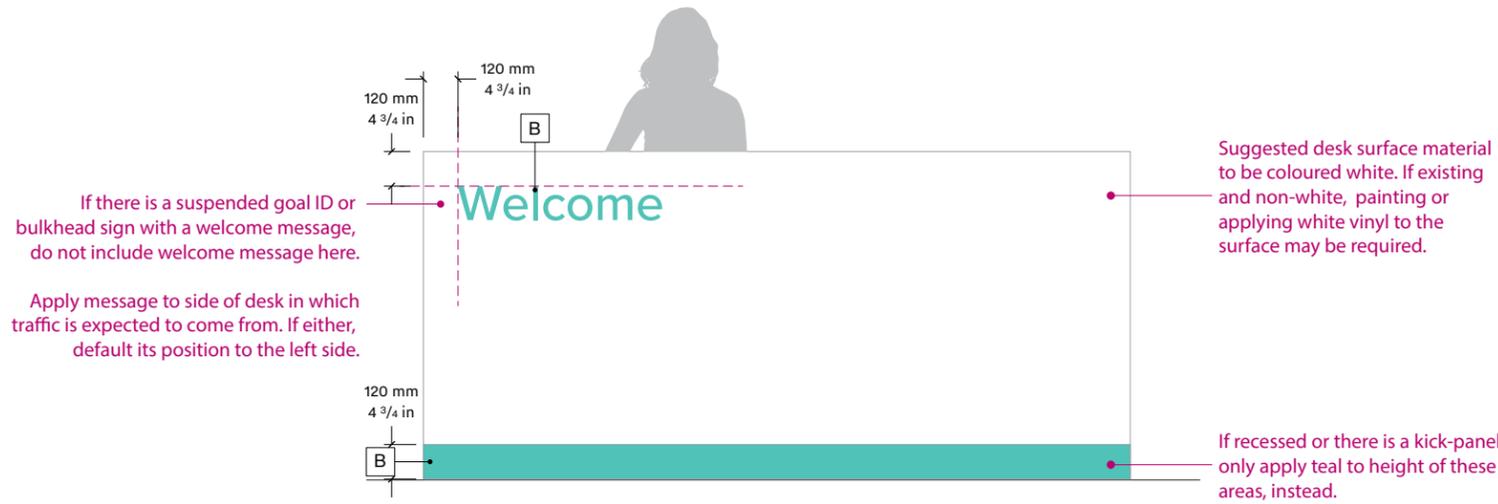
**ID7A, ID7B: Goal ID – Desk**

**A** **DIGITAL PRINT**  
 • 3M vinyl digital print, matte finish at full opacity.

**B** **VINYL**  
 • 3M kiss-cut vinyl

Application:  
 Apply directly to desk surface.

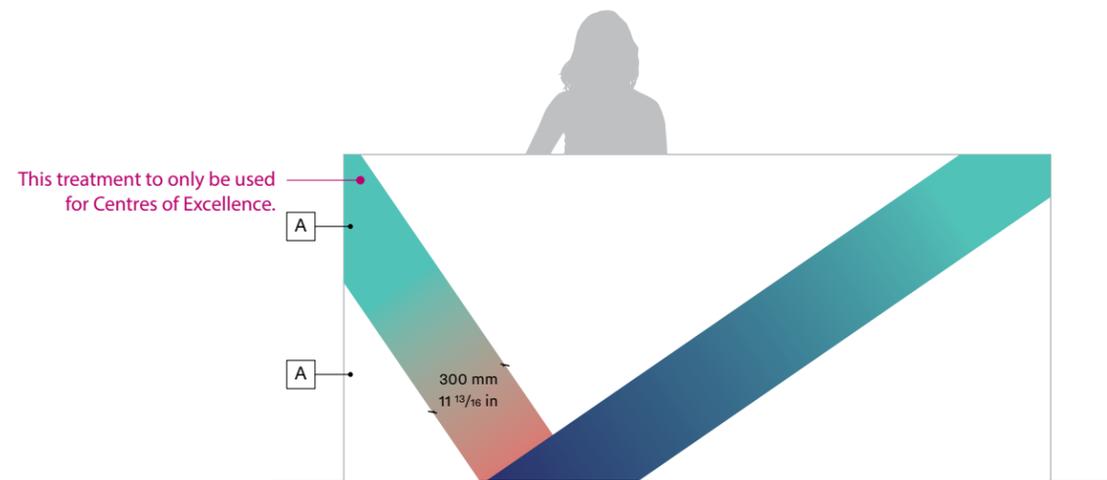
**LOCATIONS**  
 This treatment is not required for all desk mounts. Primarily to be used for areas where ID3B or ID3C is used, or when multiple desks are located in the same vicinity in order to draw attention to the correct location.



**1** ID7A: Goal ID – Desk – Teal Band – Typical Elevation  
 Scale 1:25



**2** Graphic Standards  
 Scale 1:25



**2** ID7B: Goal ID – Desk – Gradient – Typical Elevation  
 Scale 1:25

= 60x60mm grid structure used for sign



**PROJECT**  
 Scarborough Health Network  
 Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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# SIGN SPECIFICATIONS

## ID8A, ID8B, ID8C: Goal ID – Vinyl

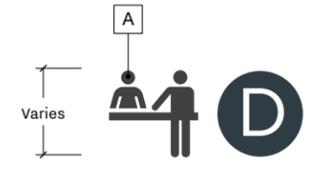
**A MATERIAL**  
• 3M Kiss-cut vinyl

**Application:**  
Apply directly to material surface. When applying to glass or other transparent surfaces, apply vinyl to the first-surface side wherever possible.

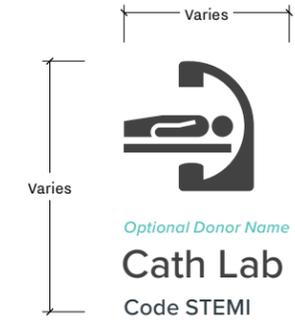
**COLOUR**  
On light surfaces, use dark grey vinyl. On dark surfaces, use white vinyl. Where back lighting may interfere with legibility of vinyl placed on glass surfaces, install frosted vinyl 3" from the bottom of the vinyl, extending the entire width of the window, second surface. For glass surfaces that don't need to be viewed through, frosted vinyl may instead cover the entire glass panel, instead.



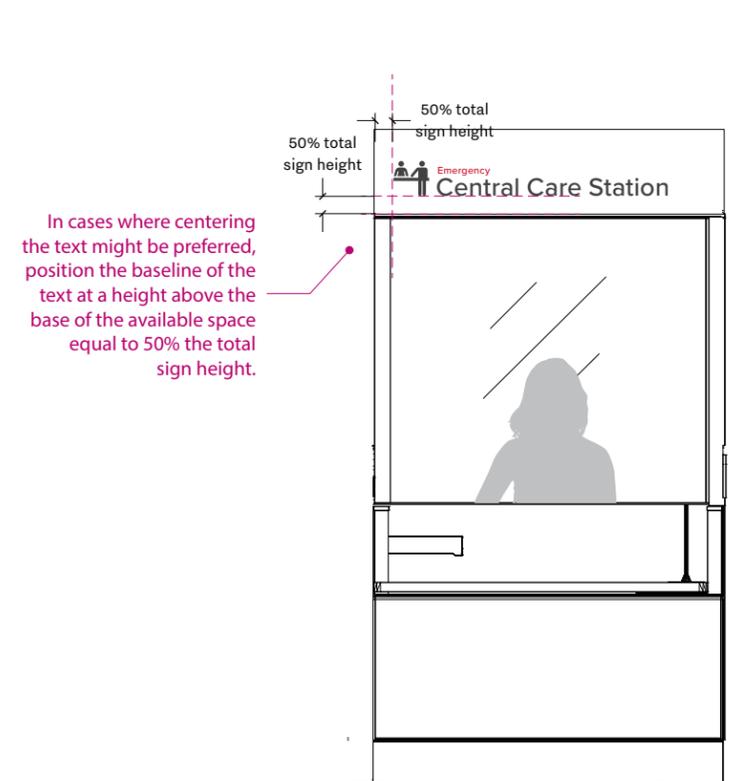
**1** ID8A: Goal ID – Vinyl – Primary  
Scale 1:10



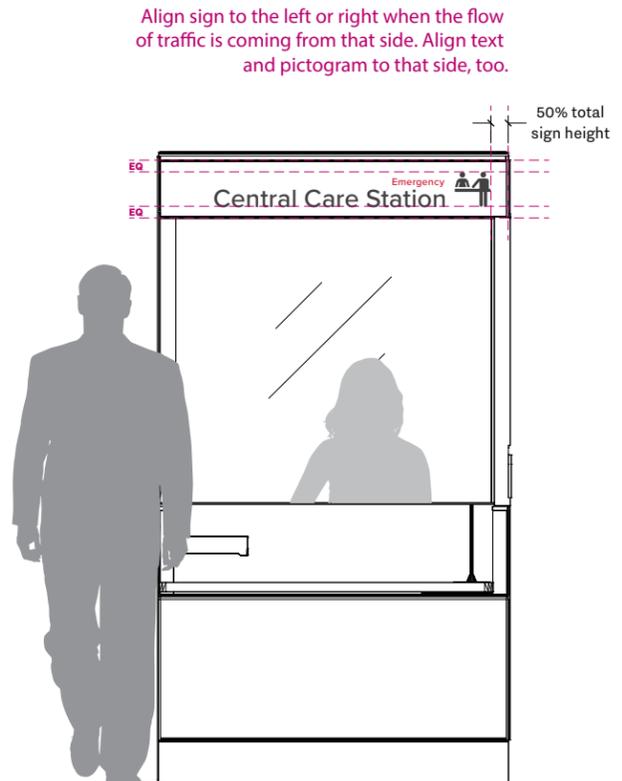
**2** ID8B: Goal ID – Vinyl – Secondary  
Scale 1:10



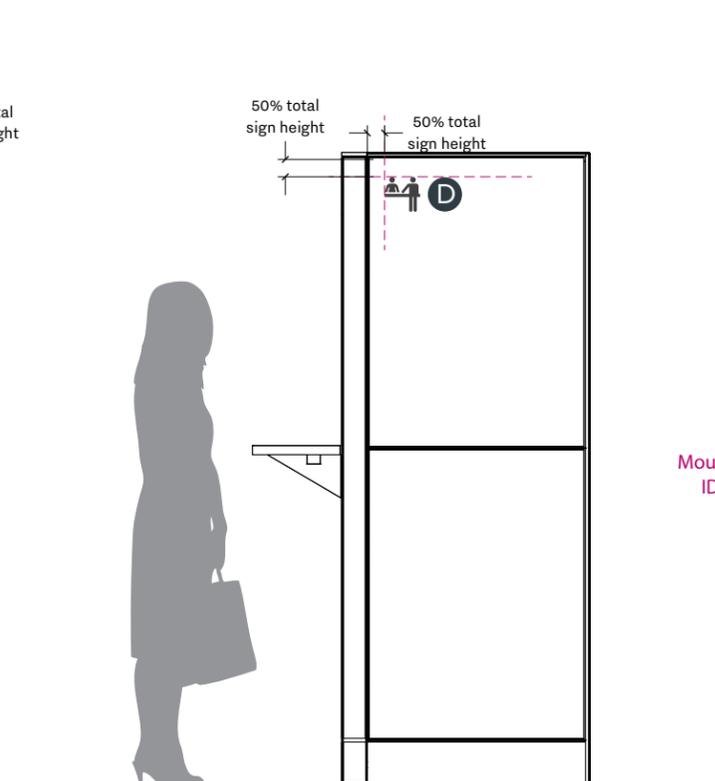
**3** ID8C: Goal ID – Vinyl – Vertical  
Scale 1:10



**4** ID8A Typical Elevation  
Scale 1:25



**5** ID8B Typical Elevation  
Scale 1:25



**6** ID8C Typical Elevation  
Scale 1:25

## SIGN SPECIFICATIONS

### ID8A, ID8B, ID8C: Goal ID – Vinyl

#### COLOUR

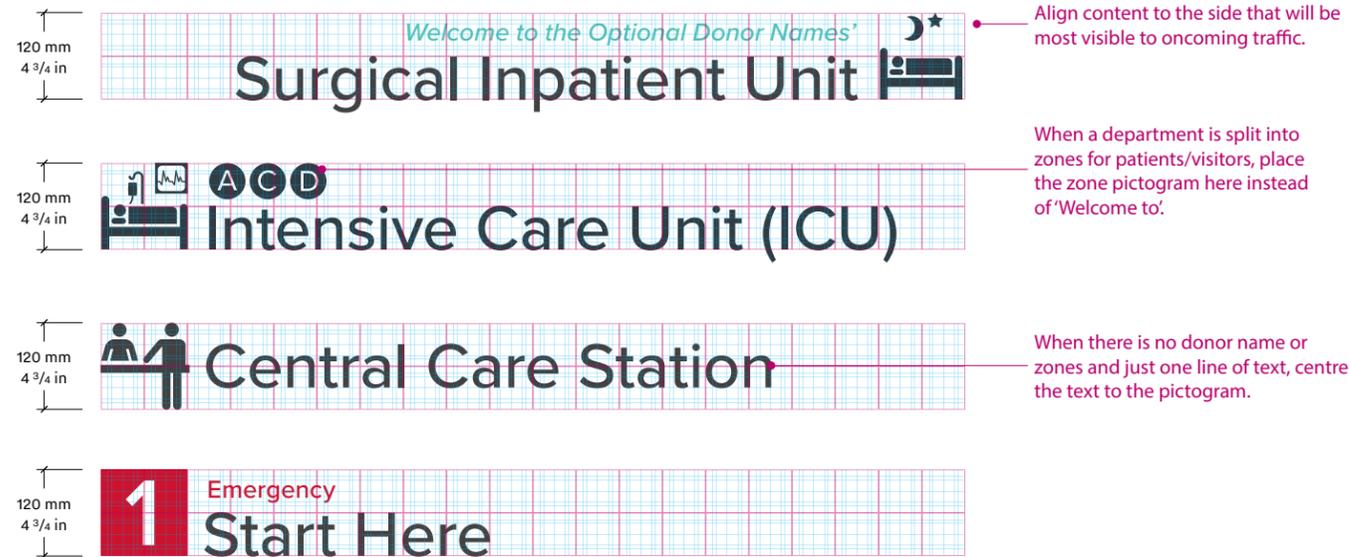
On light surfaces, use dark grey vinyl.  
On dark surfaces, use white vinyl.

#### VARIABLE SIZE

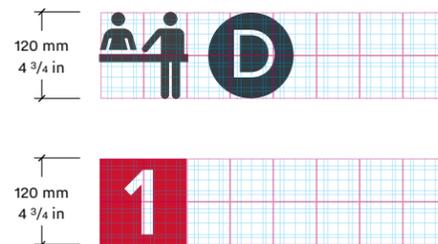
120mm overall height is the default size of this sign type to match the size of typical ID5A and ID5B suspended signs. However, the sign may be required to be larger or smaller to feel appropriately sized in-context. To do so, proportionally scale sign in 30mm increments to a minimum of 90mm and a maximum of 180mm in height. Sign Fabricator to provide elevations of sign in location context for client review.

#### WELCOME MESSAGE FOR ID8A

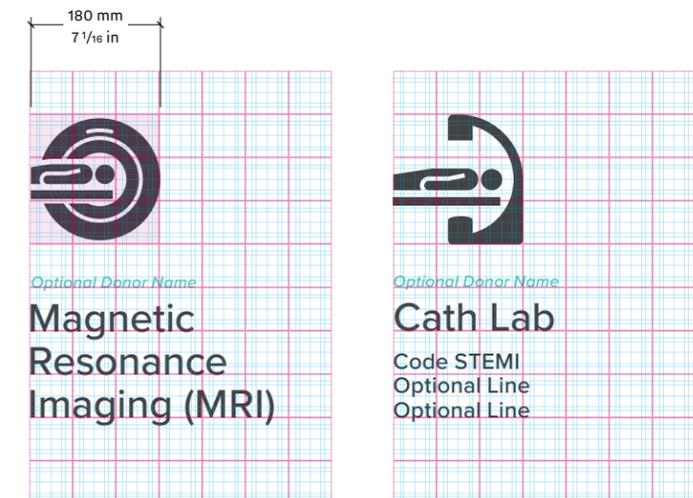
Similar to suspended and dimensional goal IDS, clinics and units with the ID8A sign may include a welcome message of 'Welcome to' on the upper line of these signs. If the space is to recognize a donor, their name(s) can be added into this message line, if appropriate, too.



7 ID8A: Graphic Standards  
Scale 1:10



8 ID8B: Graphic Standards  
Scale 1:10



9 ID8C: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### ID9A, ID9B: Entrance ID

- A FRAME**
- 25mm (1") thick fabricated aluminum frame, with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

- B SIGN PANELS**
- 6mm (¼") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

- C SUSPENSION CABLE**
- 1.5mm (⅙") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.

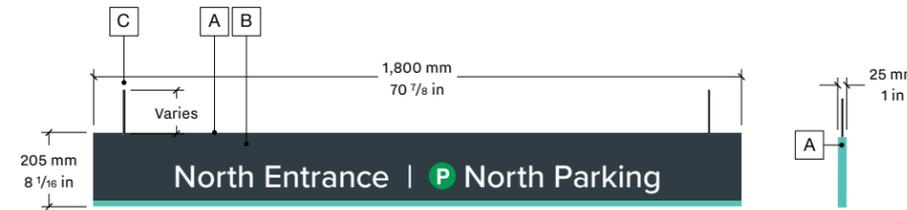
See technical drawing for typical suspended signs in the 'Interior Sign Technical Drawings' section.

- D DIMENSIONAL LETTERS**
- 12mm (¼") thick cut aluminum, painted to match colours. Text to be white or 'dark cool gray', whichever best contrasts with background surface.

Installation:

- Pin-mount flush to wall with silicone. If dimensional, the sign type must only be mounted to wall surfaces that are not painted drywall.

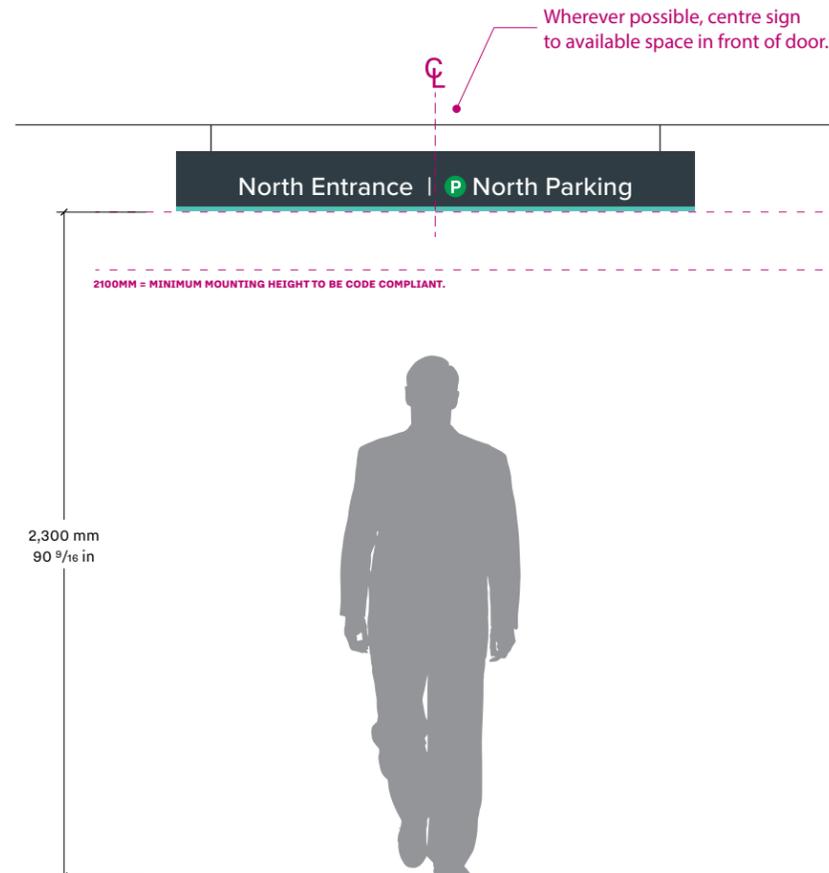
**NOTE:**  
Size may vary to suit application as per note on following page.



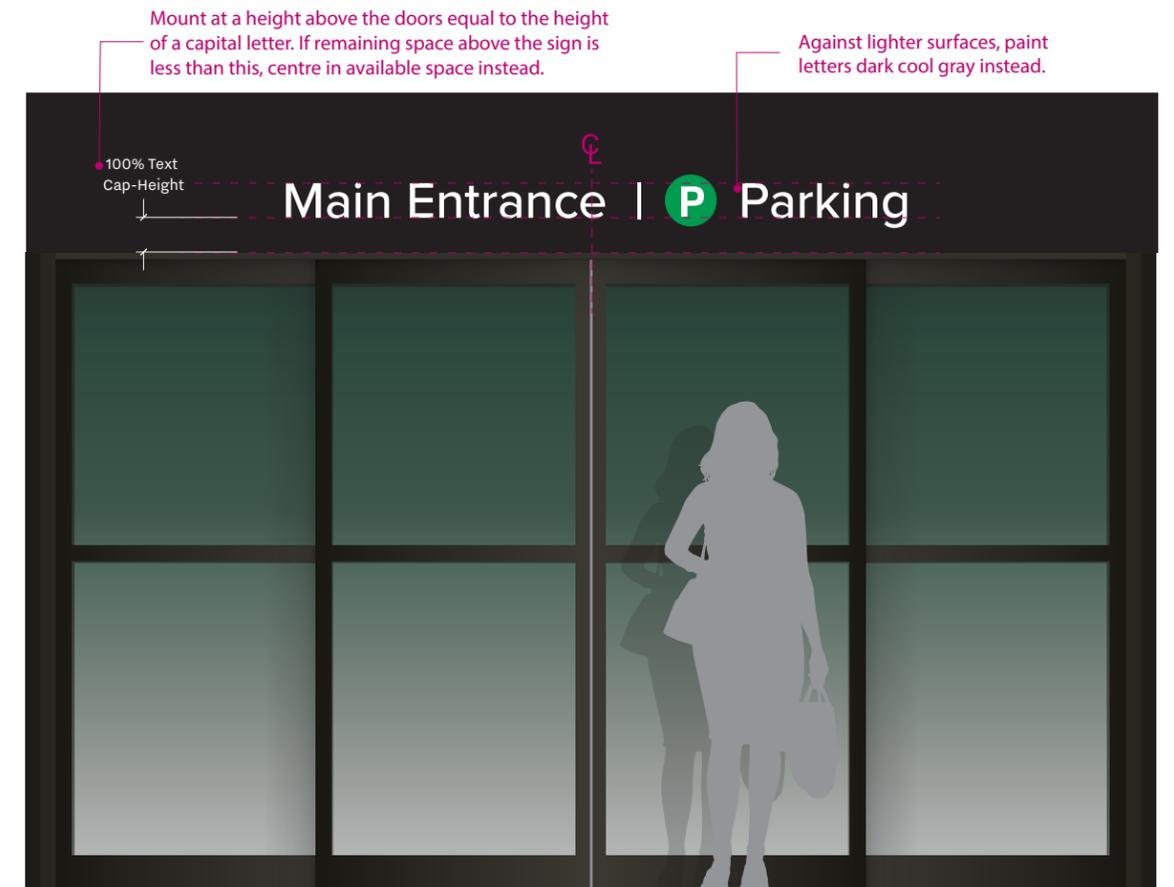
1 ID9A: Entrance ID – Suspended  
Scale 1:20



3 ID9B: Entrance ID – Vinyl – Dimensional  
Scale 1:20



2 ID9A: Typical Elevation  
Scale 1:25



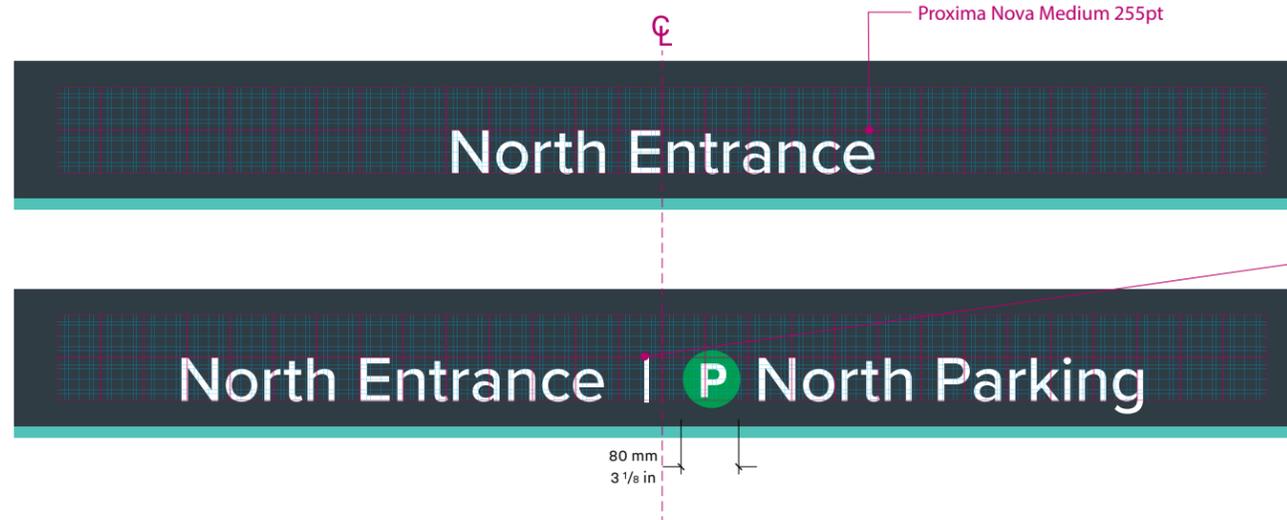
4 ID9B: Typical Elevation  
Scale 1:25

**SIGN SPECIFICATIONS**

**ID9A, ID9B: Entrance ID**

**PARKING CONNECTION**

When an entrance connects to a named parking area, include that name in the sign wherever possible.



A dividing line or pipe is recommended to divide the two names. Some space on either side also helps make the two IDs more distinct from the other.

**5** ID9A: Graphic Standards  
Scale 1:10

120mm overall height is the default size of this sign type. In cases where the sign needs to be larger or smaller, do so proportionally in 60mm increments (e.g. the total height becomes 60, 120, or 180mm tall). If still too big or small, tweak proportionally by 30mm to 90mm or 150mm, instead.



**6** ID9B: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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**SIGN SPECIFICATIONS**

**ID10A, ID10B: Goal ID – Elevator**

- A** **DIMENSIONAL LETTERS, PICTOGRAM**
- 6mm (1/4") thick cut aluminum, painted.
  - Kiss-cut vinyl graphics on pictogram.

**Installation:**

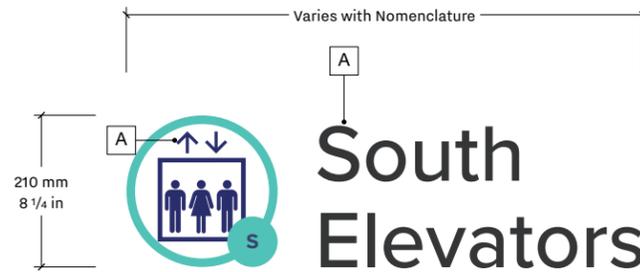
- Pin-mount flat to wall with 3M d/s VHB tape.

**BEFORE FABRICATION**

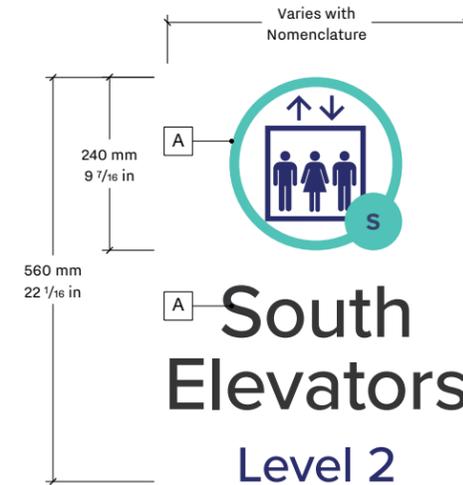
Sign Contractor to confirm site dimensions and conditions prior to fabricating any sign component. The sign type must only be mounted to wall surfaces that are not painted drywall.

**COLOUR**

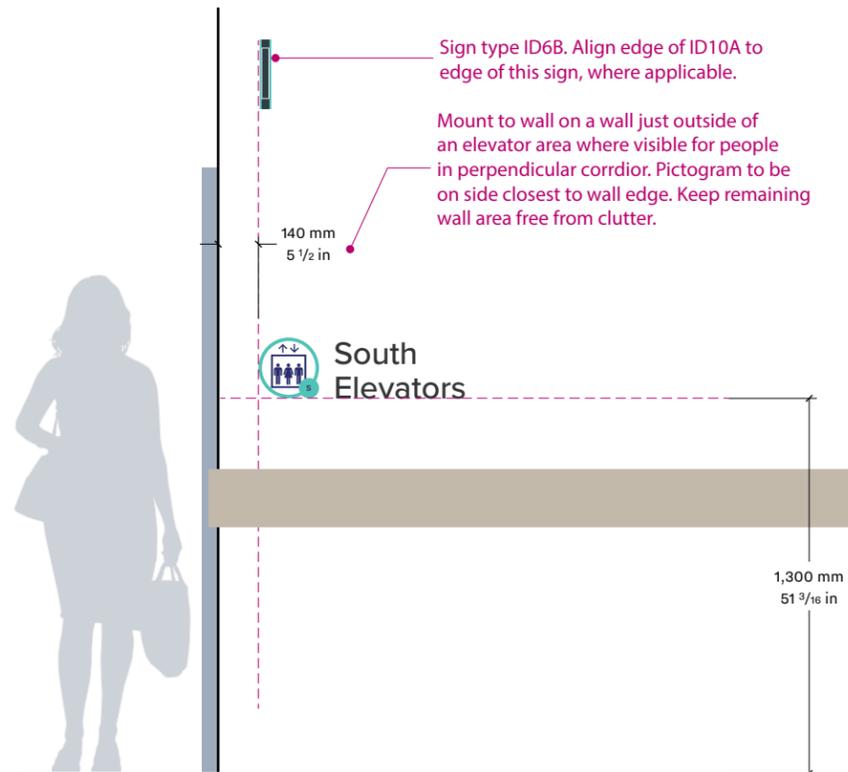
On light surfaces, use dark grey paint for letter, as shown. On dark surfaces, use white paint for the letters, and 'Level X' should be painted SHN teal.



**1** ID10A: Goal ID – Elevator – Horizontal  
Scale 1:10



**3** ID10B: Goal ID – Elevator – Vertical  
Scale 1:10



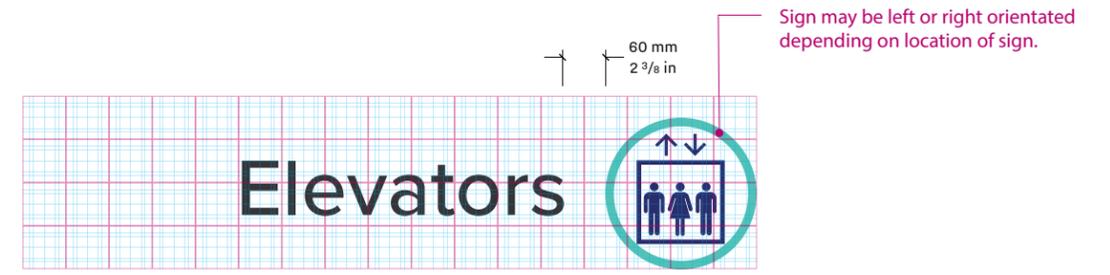
**2** ID10A: Typical Elevation  
Scale 1:25



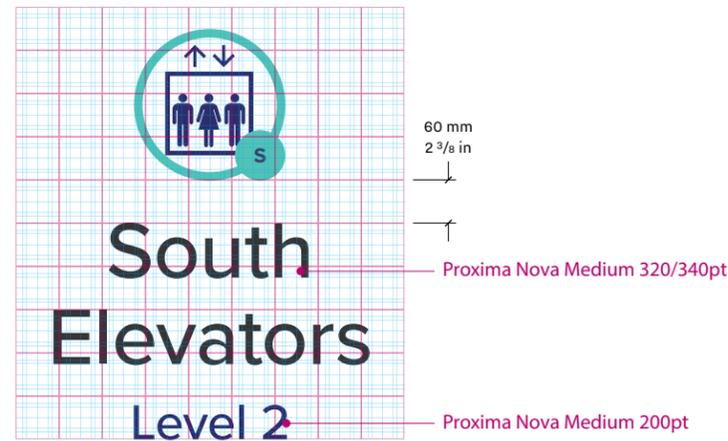
**4** ID10B: Typical Elevation  
Scale 1:25

**SIGN SPECIFICATIONS**

**ID10A, ID10B: Goal ID – Elevator**



5 ID10A: Graphic Standards  
Scale 1:10



6 ID10B: Graphic Standards  
Scale 1:10

 = 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## R1, R3, R4: Room ID

**A BASE PANEL**  
 • 12mm (½") thick white acrylic panel, with painted return edges to match 'SHN Blue'.

**B SIGN CONTENT**  
 • Additive print tactile text and pictograms with 1mm raise, to match colours accordingly.

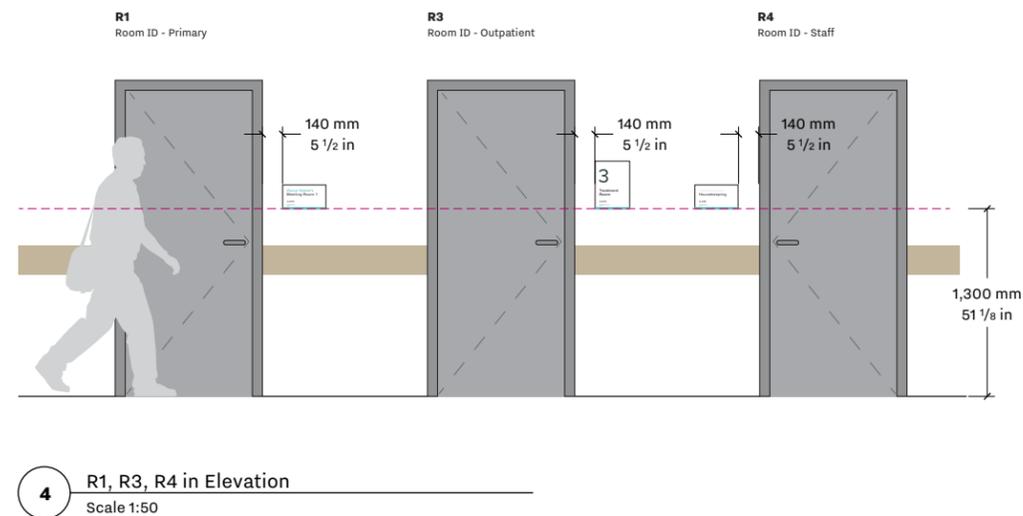
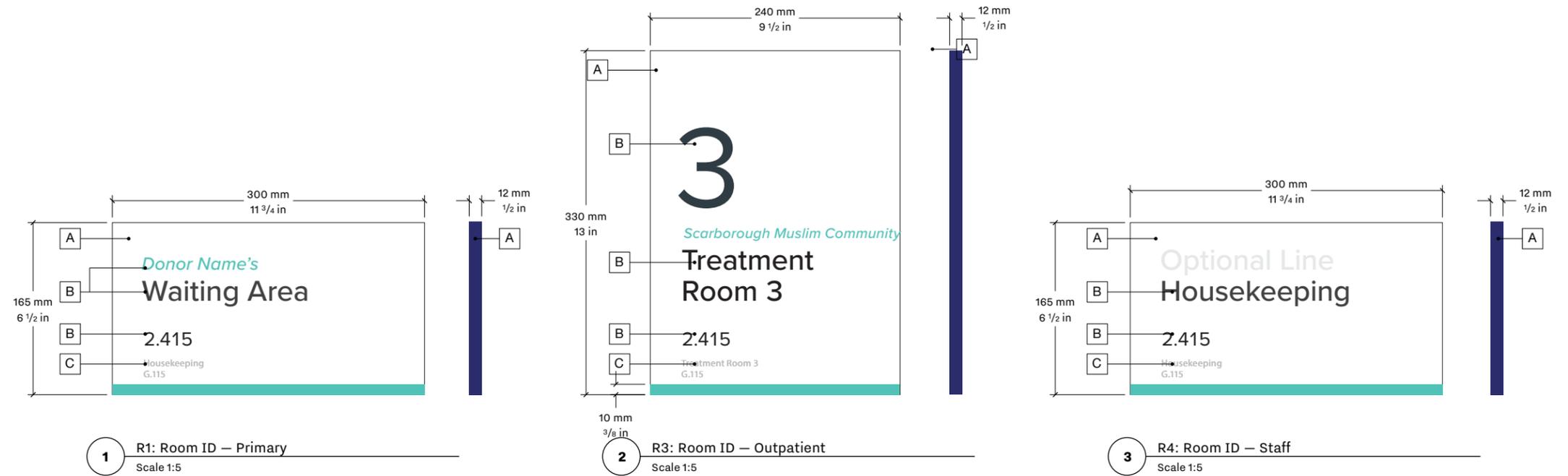
**C BRAILLE**  
 • Grade 1 Braille with 1mm raise, printed clear.

**Installation:**  
 Adhere panel flat to wall with 3M d/s VHB tape. A white vinyl backer should be included for when mounted on glazed surfaces.

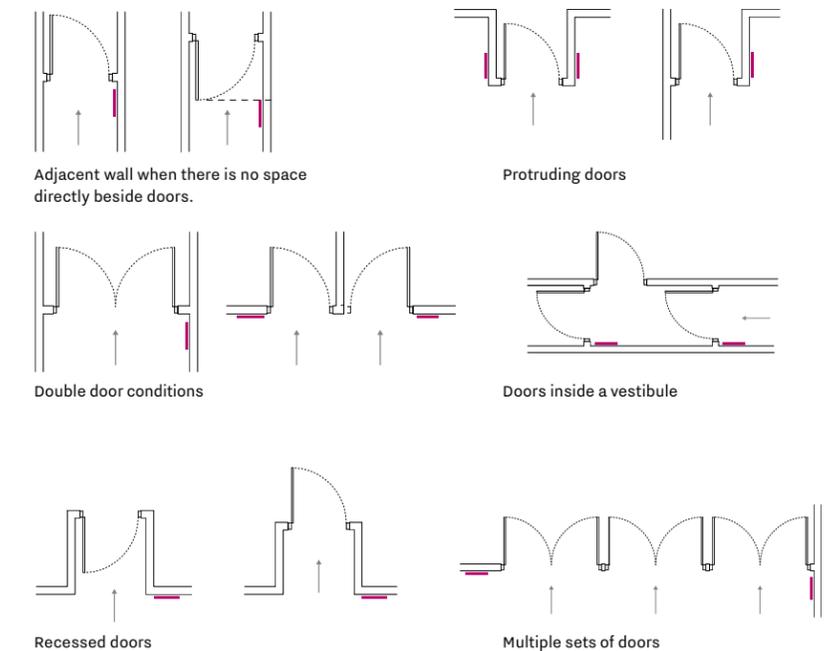
**MOUNTING**  
 See placement diagram on this page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.



### Mounting locations for atypical conditions:



## SIGN SPECIFICATIONS

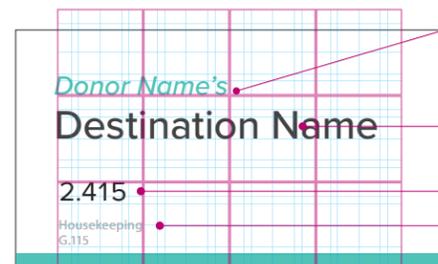
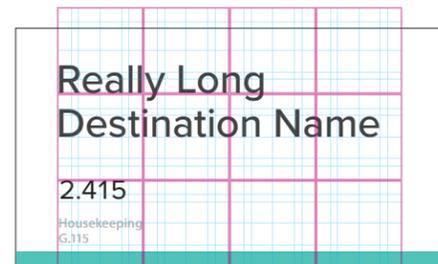
### R1, R3, R4: Room ID

#### CONSISTENT HEIGHTS

Most R series signs have their tactile text and braille at the exact same height and location. When a visually impaired individual finds one sign, they'll know roughly where to look on subsequent signs.

#### DONOR NAMES

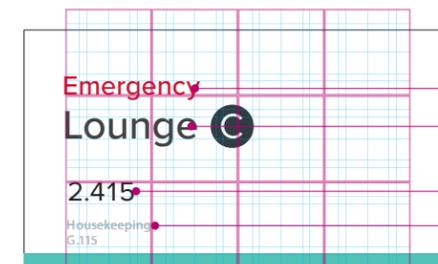
Keep in mind that the inclusion of donor names will restrict the amount of available text space for the room name.



Proxima Nova Medium Italic 54pt  
(Reduce to 35pt for long donor names)

Proxima Nova Medium 81/85pt

Proxima Nova Regular 54pt  
Upper line: donor & destination text  
Lower line: arch. room number

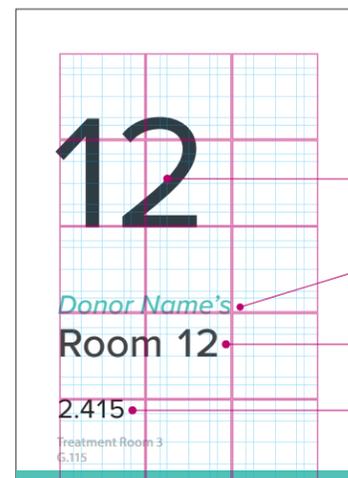


Proxima Nova Medium 54pt

Proxima Nova Medium 81/85pt

Proxima Nova Regular 54pt  
Upper line: donor & destination text  
Lower line: arch. room number

#### 5 R1, R4: Graphic Standards Scale 1:5

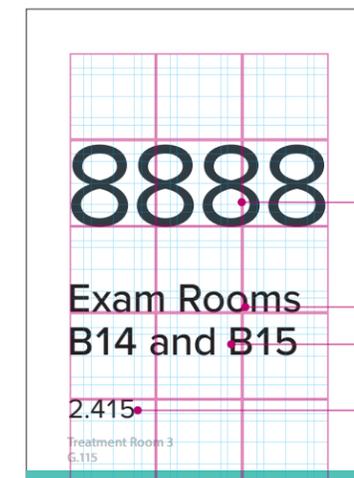


Proxima Nova Regular 320pt

Proxima Nova Regular Italic 54pt  
(Reduce to 35pt for long donor names)

Proxima Nova Medium 81/85pt

Proxima Nova Regular 54pt



Proxima Nova Regular 235pt

Proxima Nova Regular Italic 54pt

Proxima Nova Medium 81/85pt

Proxima Nova Regular 54pt

#### 6 R3: Graphic Standards Scale 1:5

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## R2: Room ID – Inpatient

- A BASE PANEL**
  - 6 mm (1/4") thick white acrylic panel, with painted return edges to match 'SHN Blue'.
- B ACRYLIC CHANNELS**
  - 3 mm (1/8") thick white acrylic panel, with painted return edges to match 'SHN Blue'.
  - Laser cut channels.
  - Adhered to base panel.
- C SLIDER**
  - 3 mm (1/8") thick white acrylic panel with apssa pieces stacked to 1 mm (1/8") thick on either end.
  - Graphics on acrylic face to be digital print
- D APSSA SPACER**
  - Apssa pieces stacked to 1 mm thickness, with painted return edges to match 'SHN Blue'.
  - Adhered to top panel and acrylic channels.

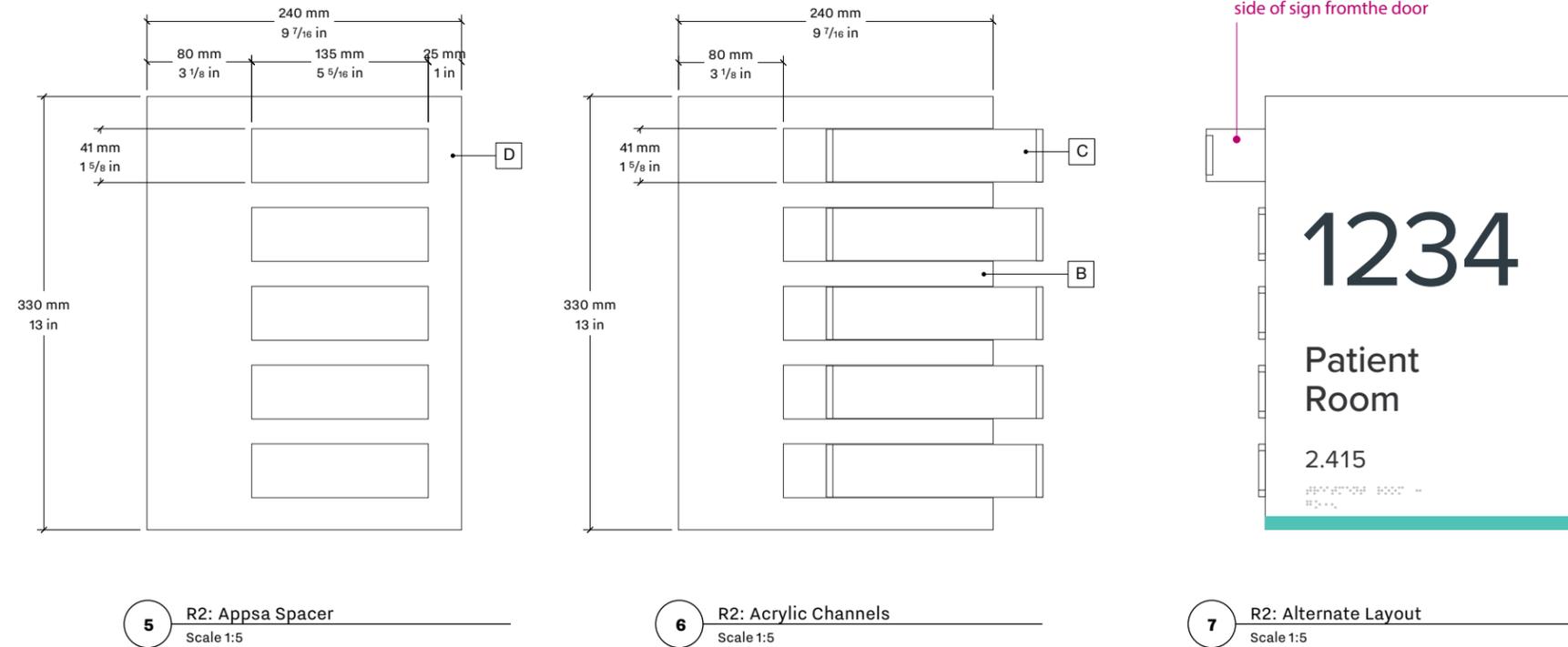
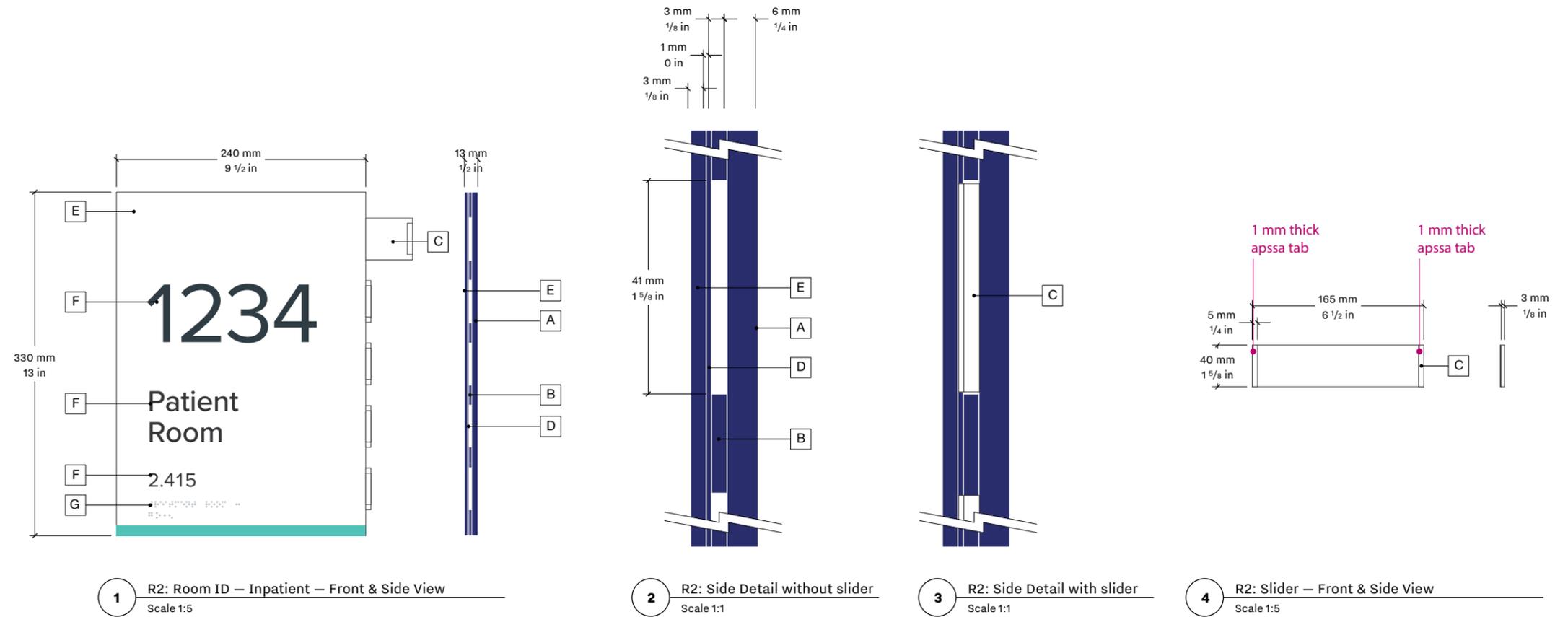
- E TOP PANEL**
  - 3 mm (1/8") thick white acrylic, with painted return edges to match 'SHN Blue'.
  - Attach to apssa spacer panel with double sided tape.

- F TACTILE ELEMENTS**
  - Additively printed tactile text with 1mm raise, to match colours accordingly.

- G BRAILLE**
  - Grade 1 Braille with 1mm raise, to match white of background.

**Installation:**  
Adhere flat to wall with 3M d/s VHB tape. A white vinyl backer should be included for when mounted on glazed surfaces.

**Note:**  
Alternate or off the shelf product can be used providing that the slider functionality, graphic, and overall sign size can be consistent with the drawings shown.



# SIGN SPECIFICATIONS

## R2: Room ID – Inpatient

### CONSISTENT HEIGHTS

Most R series signs have their tactile text and braille at the exact same height and location. When a visually impaired individual finds one sign, they'll know roughly where to look on subsequent signs.

### MOUNTING

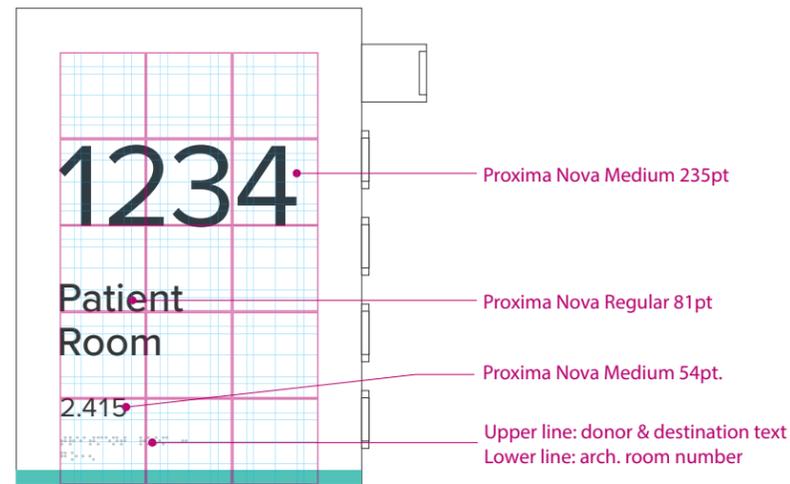
See placement diagram on this page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

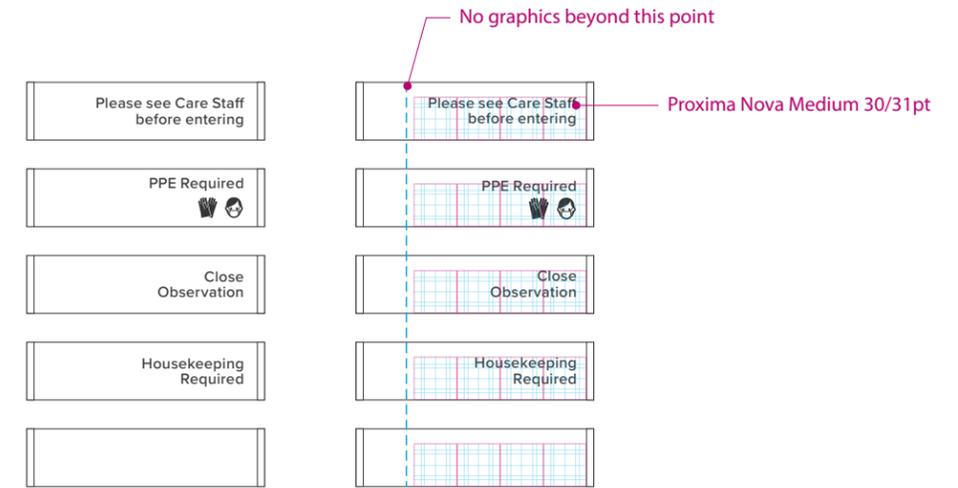
- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.

### SLIDER CONTENT

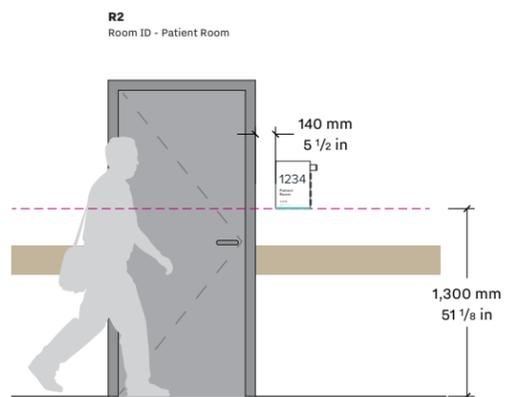
Messaging may vary based on SHN direction.



8 R2: Graphic Standards  
Scale 1:5

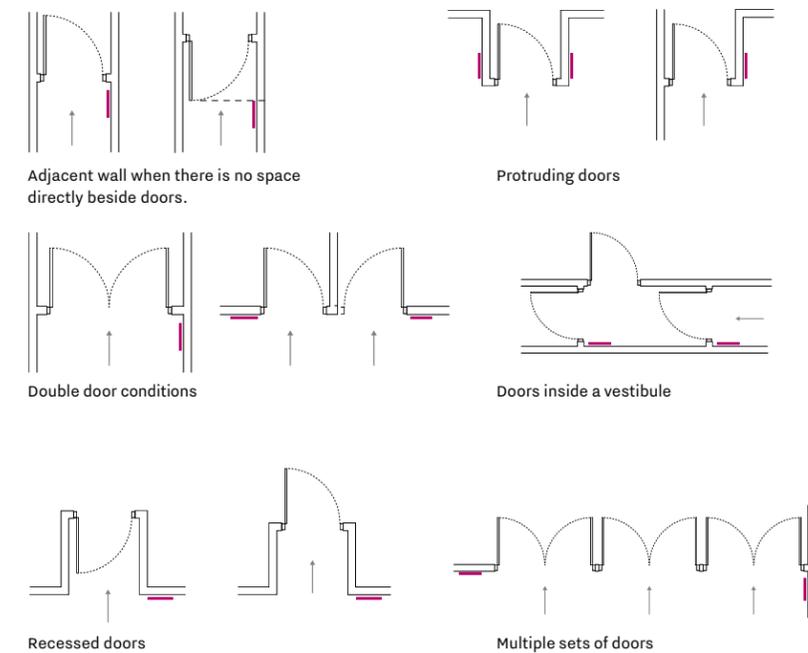


9 R2: Graphic Standards  
Scale 1:5



10 R2 in Elevation  
Scale 1:50

### Mounting locations for atypical conditions:



= 60x60mm grid structure used for sign

= 30x30mm grid structure used for sliders

**SIGN SPECIFICATIONS**

**R5, R6: Room ID – Frame & Corridor / Alcove Tags**

A

**DIRECT PRINT**

- 3mm (1/8") thick white acrylic with digital print
- 3M Scotchcal 8520 matte overlamine

**Installation:**

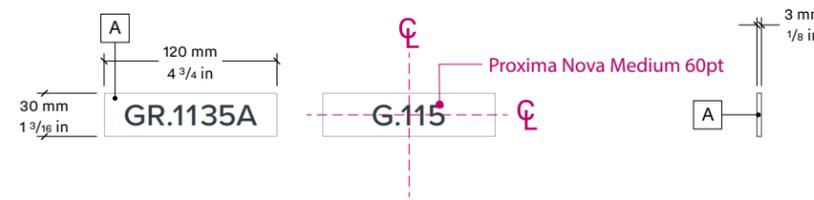
Adhere R5 signs to latch side of door frame as shown.  
Adhere R6 signs flot to surface with 3M d/s VHB tape.

**FRAME TAGS**

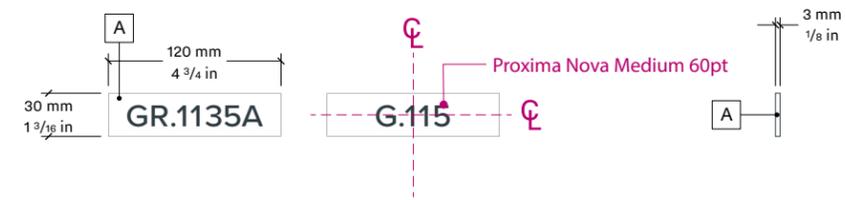
Frame tags ID the architectural number/name of a room, space, or corridor for operational purposes.

**DOUBLE DOORS**

In case of double doors, mount flush to the inner frame of the left side.



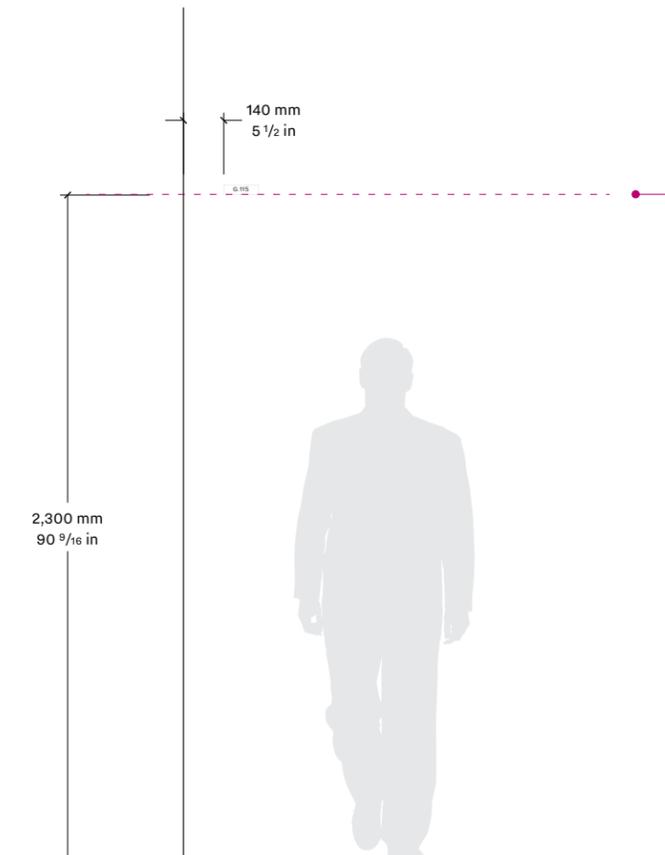
1 R5: Room ID – Frame Tag  
Scale 1:5



3 R6: Room ID – Corridor / Alcove Tag  
Scale 1:5



2 R5 in Elevation  
Scale 1:10



When a corridor doesn't begin or end with a doorway, mount the tag 2300mm AFF, 140mm away from the edge of the wall from where the corridor begins and ends.

4 R6 in Elevation  
Scale 1:25

## SIGN SPECIFICATIONS

### R7: Room ID – Primary with Slider

- A BASE PANEL**
  - 12mm (½") thick white acrylic panel, with painted return edges to match 'SHN Blue'.
- B SLIDER**
  - 1x 9mm (⅜") and 1x 3mm (⅛") thick white acrylic panels laser cut to create slider and window.
  - Edges painted to match 'SHN Blue'.
  - Vacant/Occupied messaging to be digital print.
- C SIGN CONTENT**
  - Additive print tactile text and pictograms with 1mm raise, to match colours accordingly.
- D BRAILLE**
  - Grade 1 Braille with 1mm raise, printed clear.

#### Installation:

Adhere panel flat to wall with 3M d/s VHB tape. A white vinyl backer should be included for when mounted on glazed surfaces.

#### Note:

Alternate or off-the-shelf product can be used providing that the slider functionality, graphic, and overall sign size can be consistent with the drawings shown.

#### CONSISTENT HEIGHTS

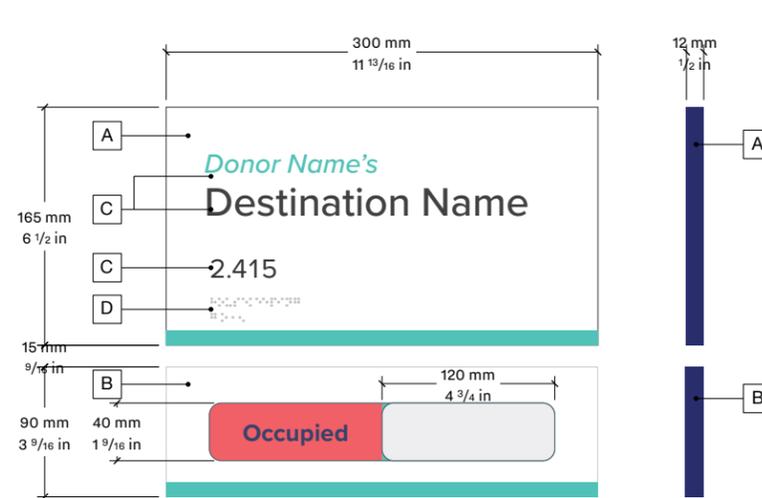
Most R series signs have their tactile text and braille at the exact same height and location. When a visually impaired individual finds one sign, they'll know roughly where to look on subsequent signs.

#### MOUNTING

See placement diagram on this page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

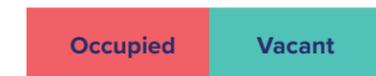
- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.



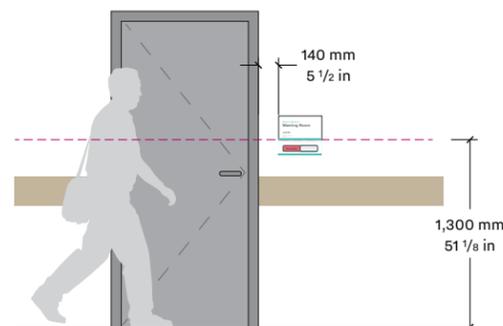
1 R7: Room ID – Primary with Slider – Front & Side View  
Scale 1:5



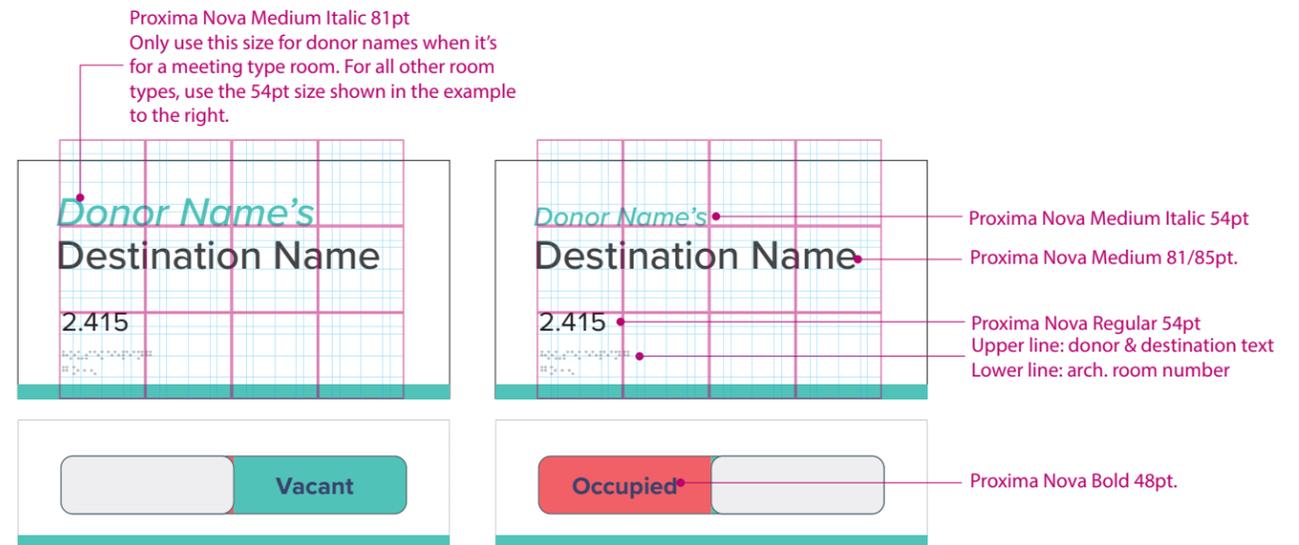
2 R7: Slider Side Detail  
Scale 1:1



3 Slider Messaging  
Scale 1:5



4 R7 in Elevation  
Scale 1:50



5 R7: Graphic Standards  
Scale 1:5

= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### R8: Room ID – Paper Insert

- A BASE PANEL**
- 9mm (3/8") thick acrylic, painted white.
  - Ø25mm (Ø1") cut-out tabs for fingerpull.

- B TOP PANEL**
- 3mm (1/8") thick clear acrylic, bottom portion painted, including returns.
  - Additive tactile text and teal band with 1mm raise, to match colours.
  - Additive tactile braille with 1mm raise, clear.

- C SPACER**
- 1mm d/s adhesive spacer, white.

- D VINYL BACKER (ONLY IF GLASS MOUNT)**
- 3M white vinyl to match shape and dimensions of base panel. Applied to first surface.
  - Not shown on views or elevation.

**Installation:**  
Adhere flat to wall with 3M d/s tape. A white vinyl backer should be included for when mounted on glazed surfaces.

**PAPER INSERTS**  
SHN is responsible for content. These window signs are designed to display typical letter (8.5x11") sheets of paper.

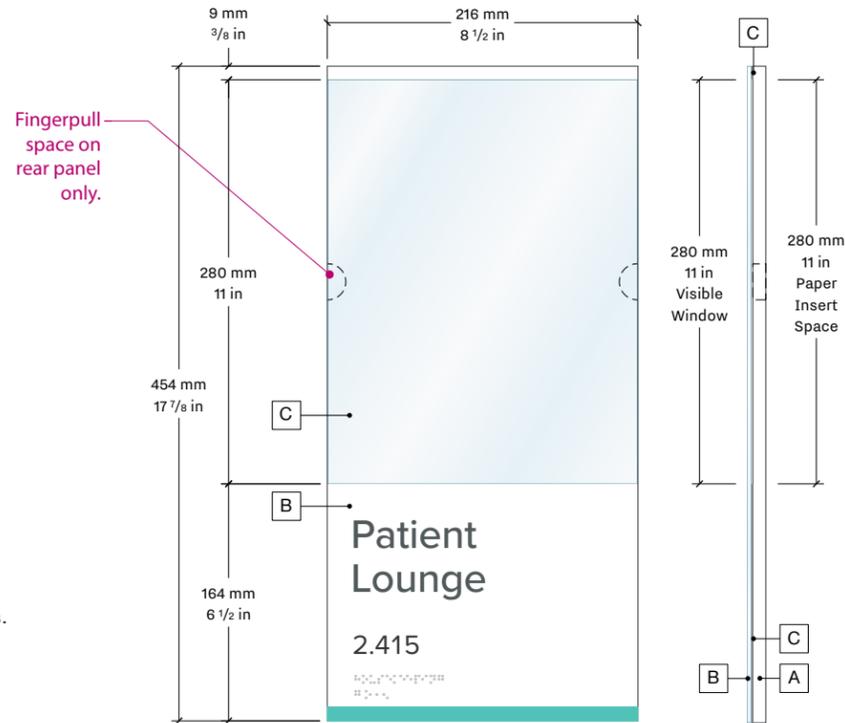
**MOUNTING**  
See placement diagram on this page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

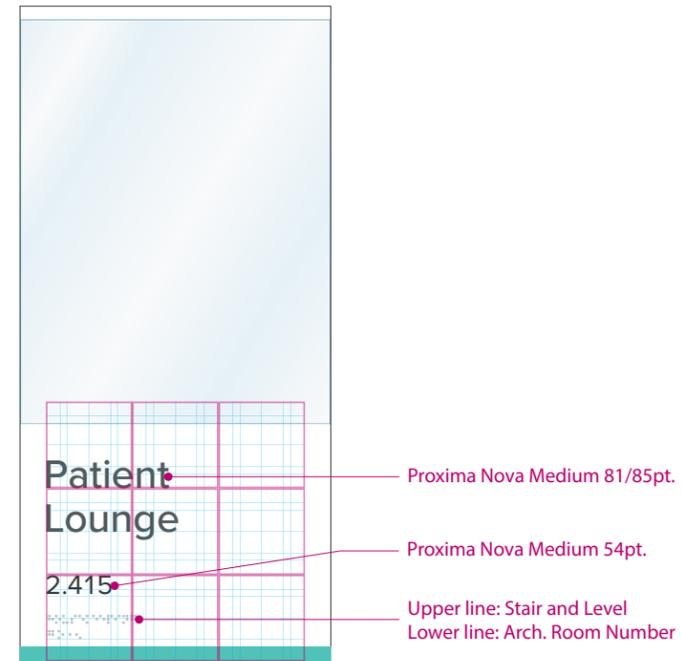
- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.

**CONSISTENT HEIGHTS**  
Most R series signs have their tactile text and braille at the exact same height and location. When a visually impaired individual finds one sign, they'll know roughly where to look on subsequent signs.

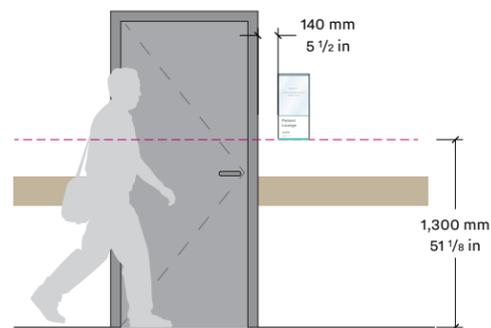
 = 60x60mm grid structure used for sign



**1 R8: Room ID – Paper Insert**  
Scale 1:5

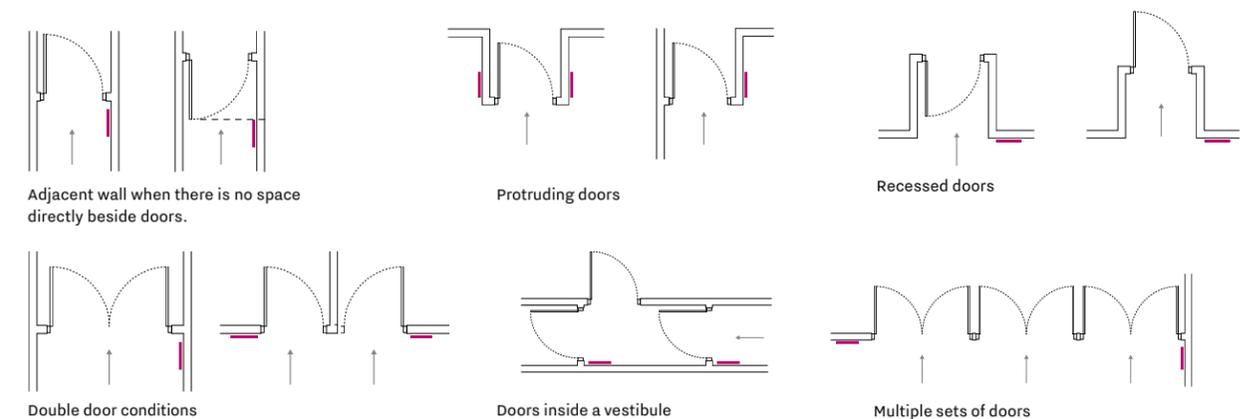


**2 R8: Graphic Standards**  
Scale 1:5



**3 R8 in Elevation**  
Scale 1:50

#### Mounting locations for atypical conditions:



# SIGN SPECIFICATIONS

## R9A, R9B, R9C: Office ID

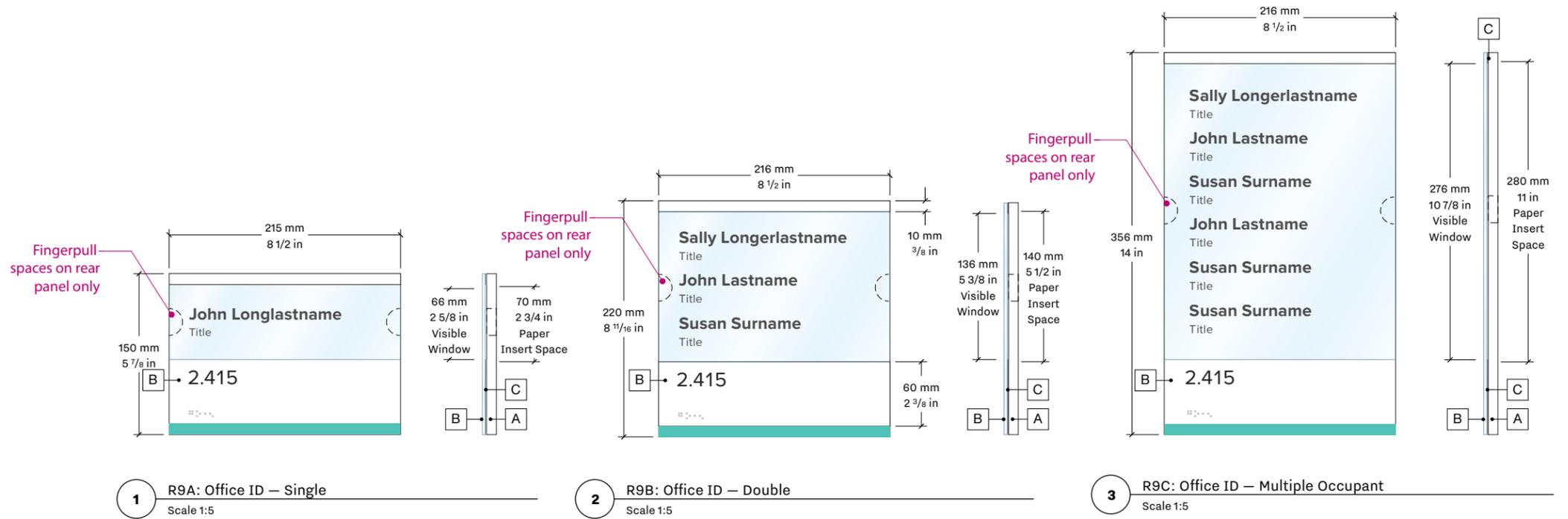
- A BASE PANEL**
- 9mm (3/8") thick acrylic, white.
  - Ø25mm (Ø1") cut-out tabs for fingerpull.

- B TOP PANEL**
- 3mm (1/8") thick clear photopolymer.
  - Tactile text with 0.8mm raise, to match colours.
  - Tactile braille with 0.8mm raise, clear.
  - Direct-print to second surface for white and teal areas shown on front views.

- C SPACER**
- 1mm d/s adhesive spacer, white.

- D VINYL BACKER (ONLY IF GLASS MOUNT)**
- 3M white vinyl to match shape and dimensions of base panel. Applied to first surface.
  - Not shown on views or elevation.

**Installation:**  
Adhere flat to wall with 3M d/s tape. A white vinyl backer should be included for when mounted on glazed surfaces.



**1 R9A: Office ID — Single**  
Scale 1:5

**2 R9B: Office ID — Double**  
Scale 1:5

**3 R9C: Office ID — Multiple Occupant**  
Scale 1:5

### PAPER INSERTS

SHN is responsible for content. These window signs are designed to display easily trimmed sections from typical letter (8.5x11") sheets of paper.

### MOUNTING

See placement diagram on this page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

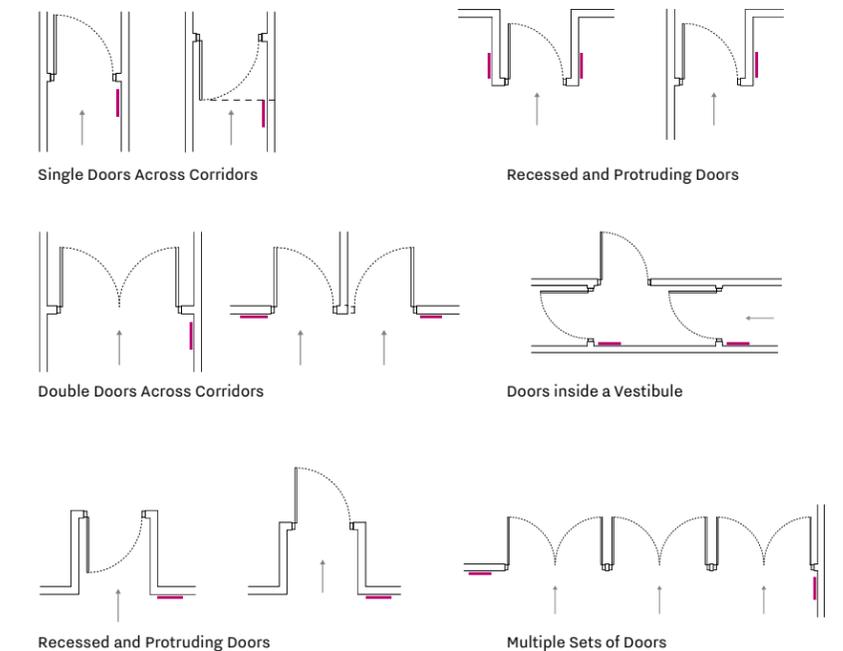
If there is an obstacle at the mounting location, follow these actions in order for alternatives:

- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.



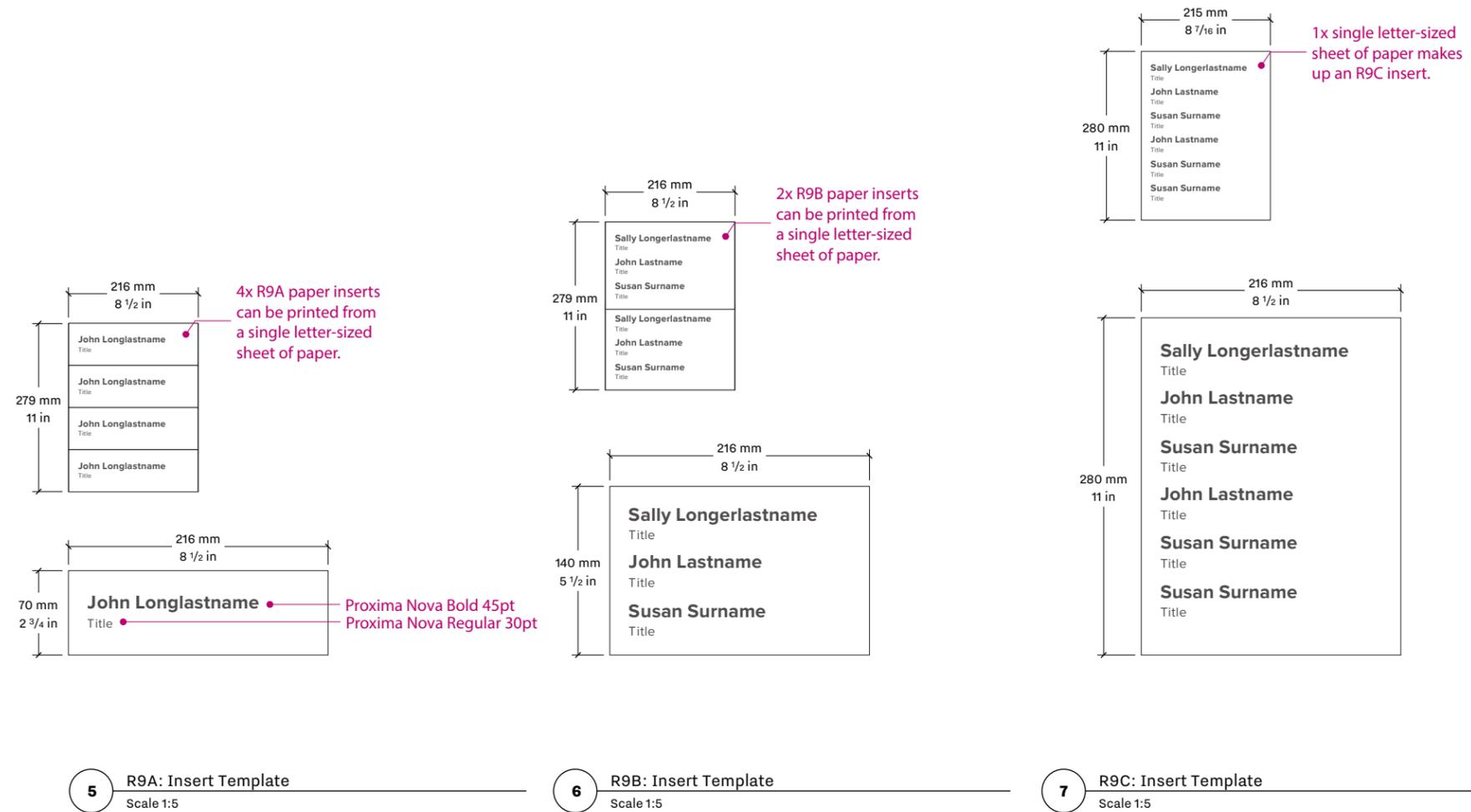
**4 Typical Elevation**  
Scale 1:25

### Mounting locations for atypical conditions:



**SIGN SPECIFICATIONS**

**R9A, R9B, R9C: Office ID**



## SIGN SPECIFICATIONS

### R10A, R10B: Washroom ID

**A BASE PANEL**  
 • 12mm (½") thick white acrylic panel, with painted return edges to match 'SHN Blue'.

**B SIGN CONTENT**  
 • Additive print tactile text and pictograms with 1mm raise, to match colours accordingly.  
 Note: the white inner portion of the pictogram is not to be raised, only the coloured parts.

**C BRAILLE**  
 • Grade 1 Braille with 1mm raise, printed clear.

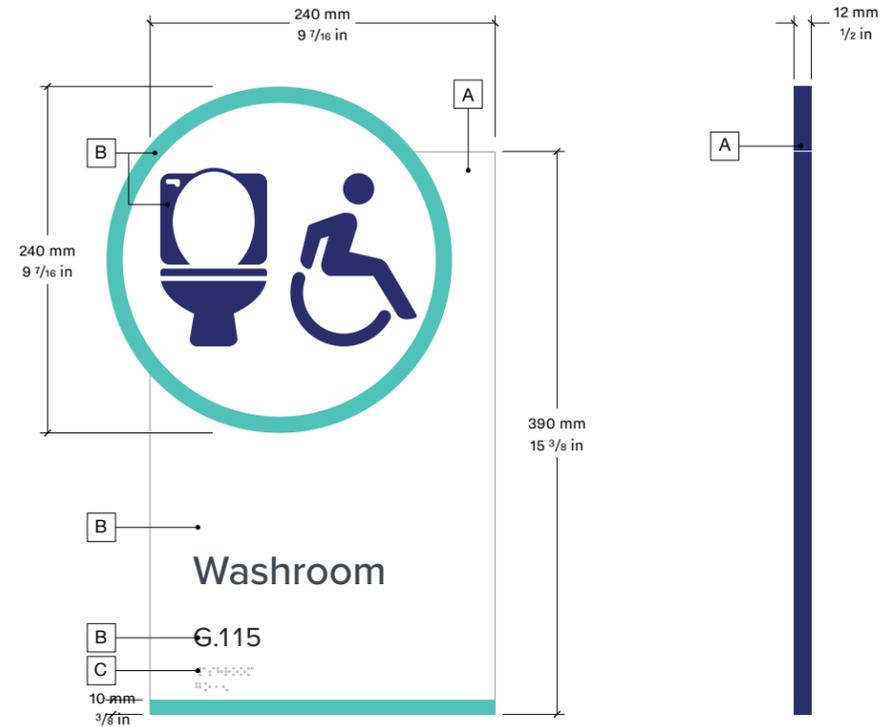
Installation:  
 Adhere panel flat to wall with 3M d/s VHB tape.

**NOTE:**  
 Sign types R10B consists of both a R10A panel and the smaller add-on panel. Subsequent installations may add the S1B smaller panels to existing R10A locations separately as needed.

**MOUNTING**  
 See placement diagram on next page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.

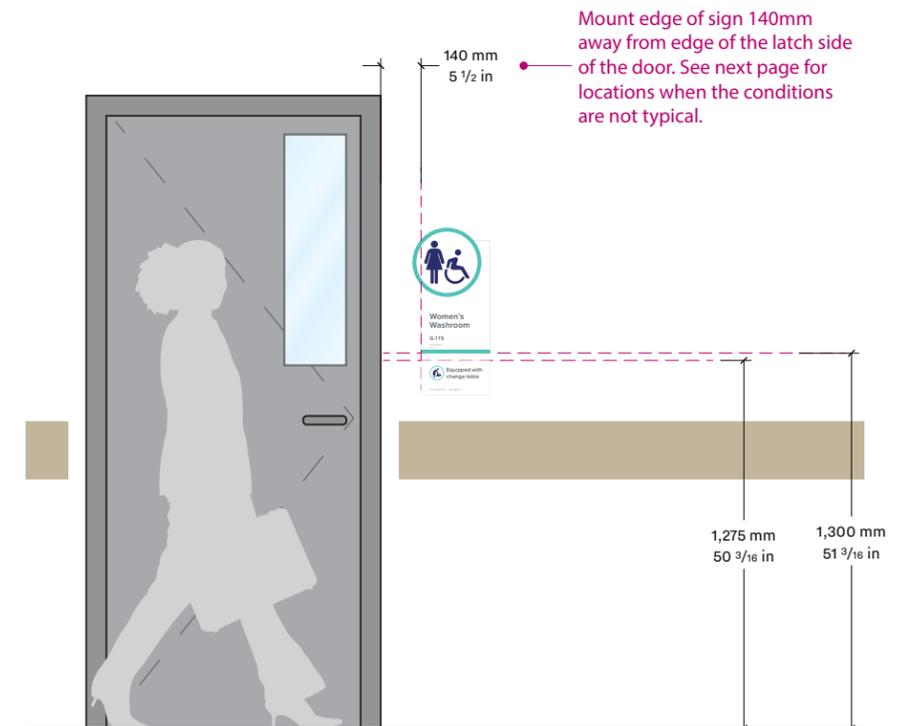


**1 R10A: Washroom ID**  
 Scale 1:5



Note: The R10B sign type consists of both an R10A sign panel and the add-on panel by default.

**2 R10B: Washroom ID w. Add-on Panel**  
 Scale 1:5



**3 Typical Elevation**  
 Scale 1:25



# SIGN SPECIFICATIONS

## R11A, R11B: Bay IDs

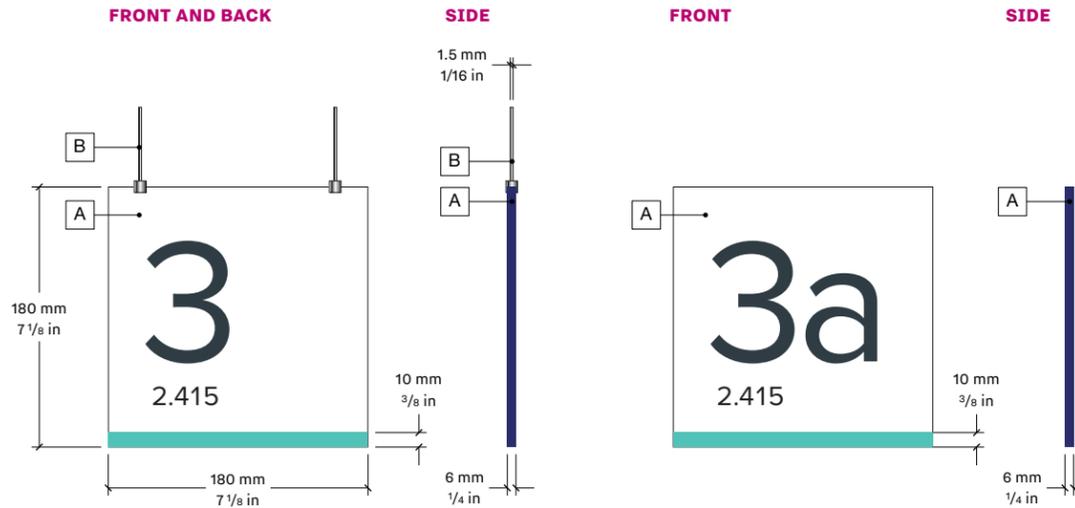
- A STRUCTURE**
- 12mm (½") thick white acrylic, edges painted 'SHN Blue'.
  - Direct print text and graphics.
  - 3M Scotchcal 8520 matte overlamine

- B SUSPENSION CABLE**
- 1.5mm (⅛") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.
  - Decorative hardware to hide connection of s/s wire.

**MOUNTING**  
 C11A: Wherever possible, suspend base of sign at 2300mm AFF. Where areas require the signs to be lower, mount lower, but never below 2100mm AFF.

C11B: Mount flat to wall with double-sided VHB tape.

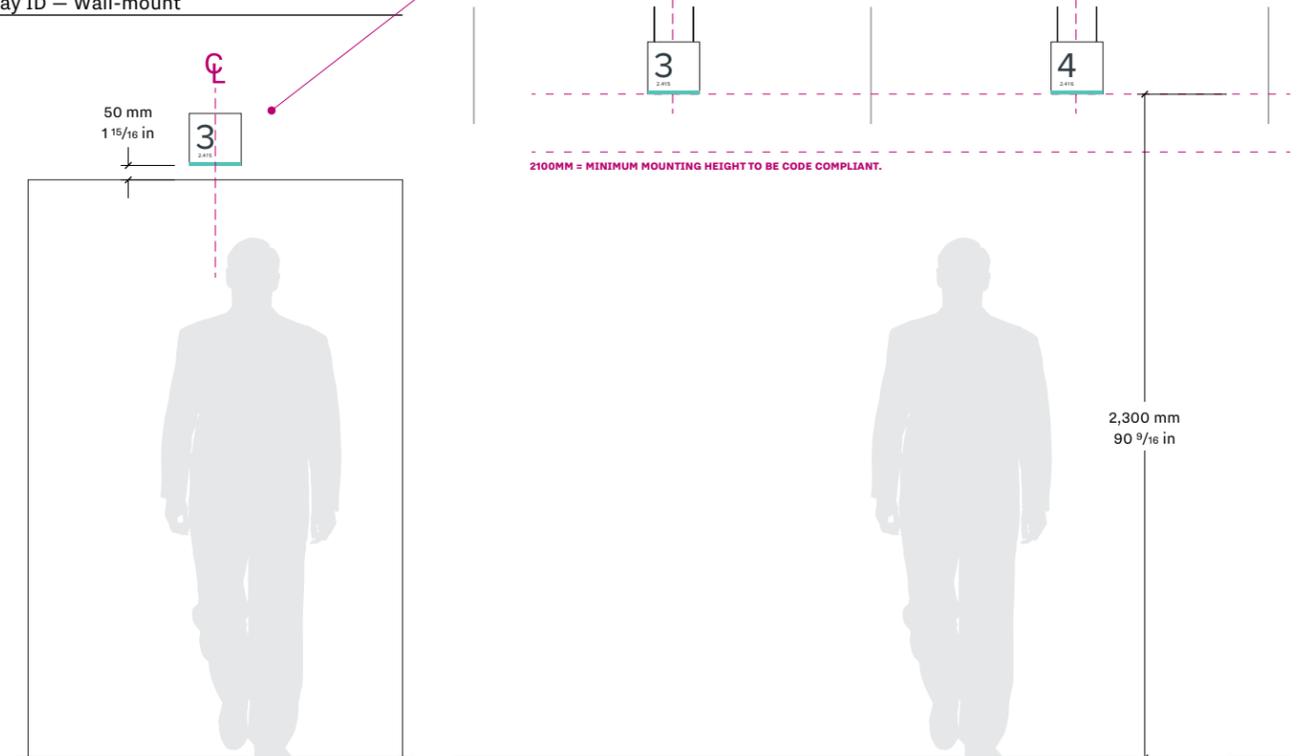
**WHEN TO USE**  
 Use R11 signs to identify bays and open treatment areas without the wall space for an R2 or R3 sign. For a more elevated look, use sign type R12.



1 R11A: Bay ID – Suspended  
 Scale 1:5

2 R11B: Bay ID – Wall-mount  
 Scale 1:5

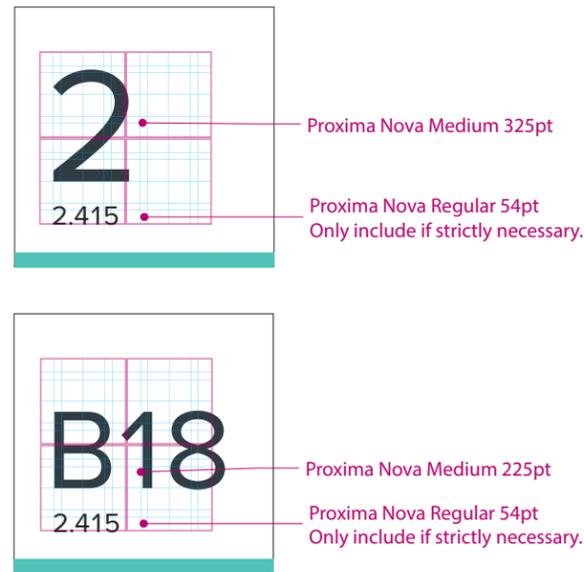
Wherever possible, mount centred to available space or opening, and just outside of curtained area, if applicable.



4 R11B in Elevation  
 Scale 1:25

5 R11A in Elevation  
 Scale 1:25

Use larger text size by default. Should sequences include double-digit numbers, all signs in the area should instead use smaller text for consistency.



3 R11: Graphic Standards  
 Scale 1:5

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## R12A, R12B: Room ID – Vinyl

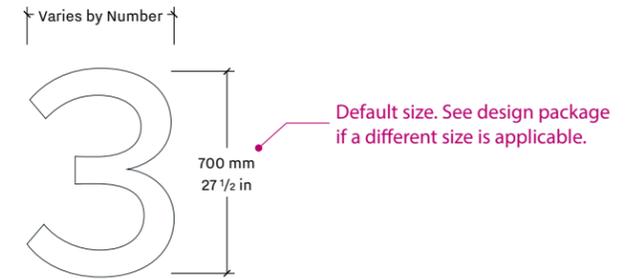
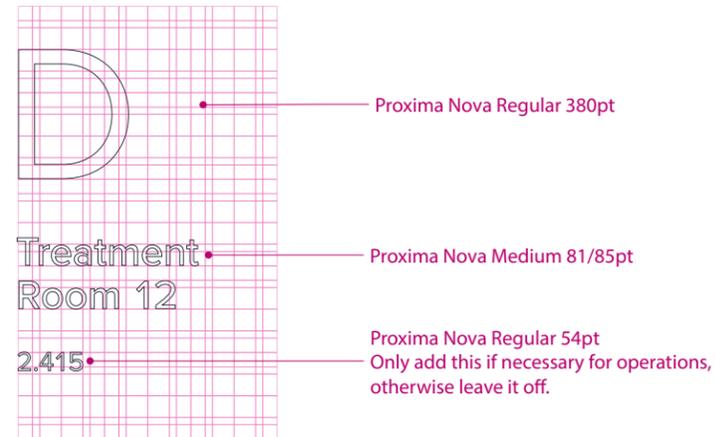
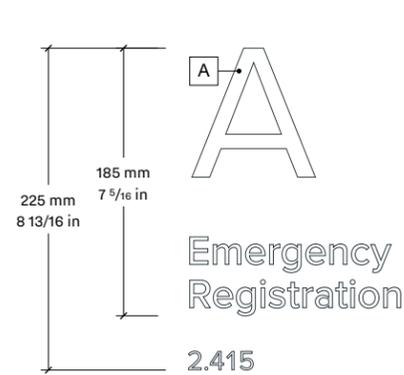
**A** **MATERIAL**  
• 3M Kiss-cut vinyl, white

**Application:**  
Apply directly to material surface. When applying to glass or other transparent surfaces, apply vinyl to the first-surface side wherever possible.

**VARIABLE LOCATIONS**  
As each location may have differing conditions, the positioning of the sign may differ. Be as consistent as possible within each area where multiples of this sign type will be present.

**COLOUR**  
On light surfaces, use dark grey vinyl. On dark surfaces, use white vinyl. For R12A, Where back lighting may interfere with legibility of vinyl placed on glass surfaces, install frosted vinyl 3" from the bottom of the vinyl, extending the entire width of the window, second surface. For glass surfaces that don't need to be viewed through, frosted vinyl may instead cover the entire glass panel, instead.

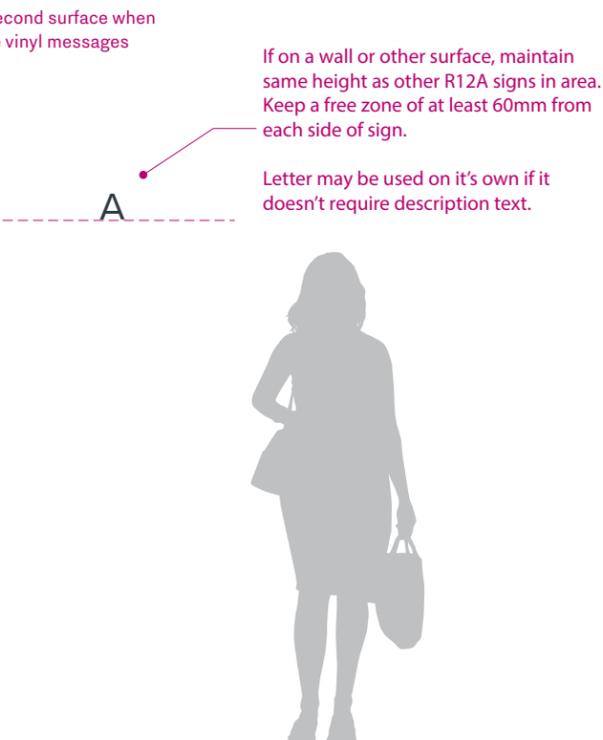
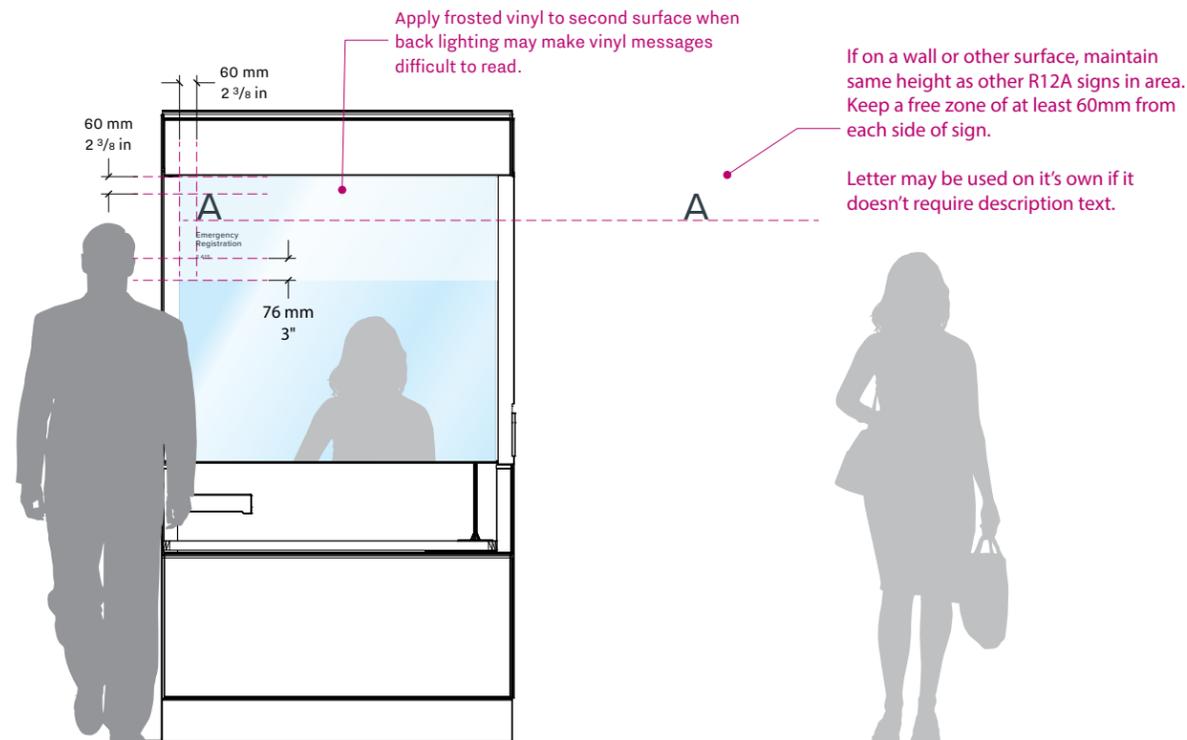
**NOTE**  
Where back lighting may interfere with legibility of vinyl placed on glass surfaces, install frosted vinyl 1-1/2" from all edge of the vinyl, sub-surface



1 R12A: Room ID – Vinyl  
Scale 1:5

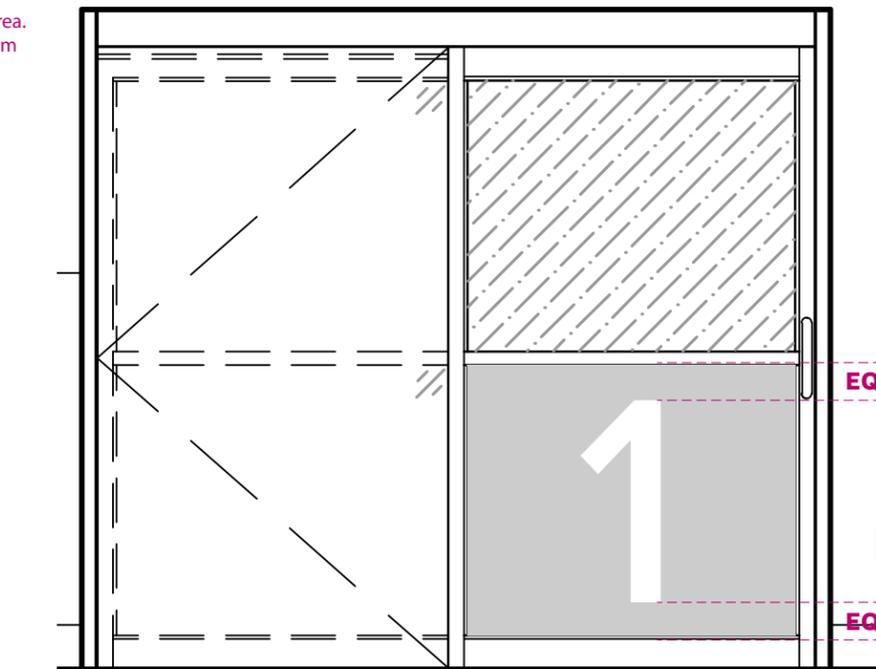
2 R12A: Graphic Standards  
Scale 1:5

5 R12B: Room ID – Vinyl  
Scale 1:25



3 R12A: Typical Elevation: Plexi-guarded Desks  
Scale 1:25

4 R12A Typical Elevation: Other  
Scale 1:25



6 R12B Typical Elevation  
Scale 1:25

## SIGN SPECIFICATIONS

### S1A, S1B: Stair ID

**A** **BASE PANEL**  
 • 12mm (½") thick white acrylic panel, with painted return edges to match 'SHN Blue'.

**B** **SIGN CONTENT**  
 • Additive print tactile text and pictograms with 1mm raise, to match colours accordingly.  
 Note: the white inner portion of the pictogram is not to be raised, only the coloured parts.

**C** **BRAILLE**  
 • Grade 1 Braille with 1mm raise, printed clear.

Installation:  
 Adhere panel flat to wall with 3M d/s VHB tape.

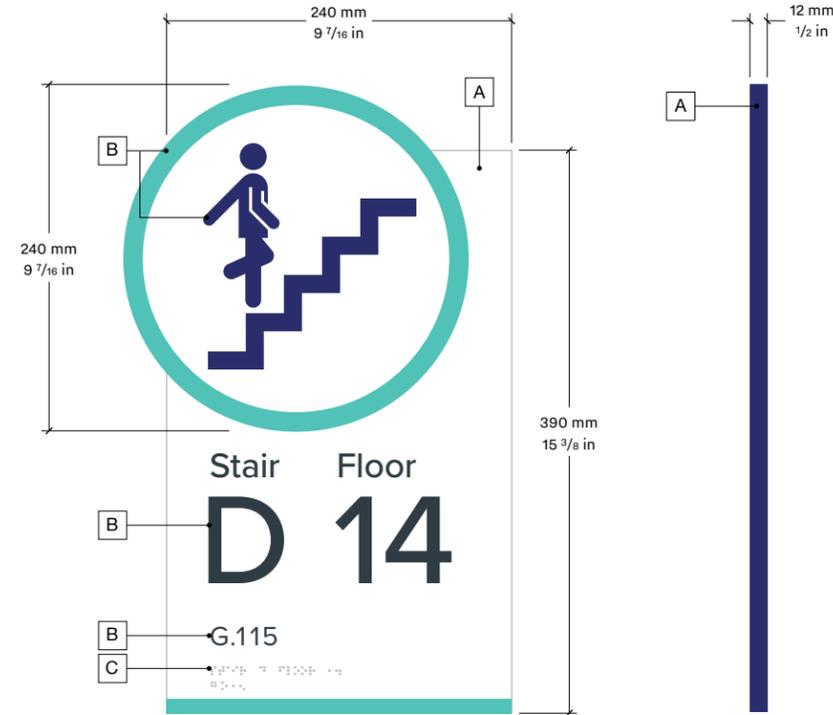
**NOTE:**  
 Sign types S1B consists of both a S1A panel and the smaller add-on panel. Subsequent installations may add the S1B smaller panels to existing S1A locations separately as needed.

**MOUNTING**  
 Mount S1A sign with bottom edge flush to 1300mm AFF, and S1B signs 25mm (1") below with their top edge flush to 1275mm AFF. Signs should be mounted on both the exterior and interior of stairwell to meet Ontario Building Code.

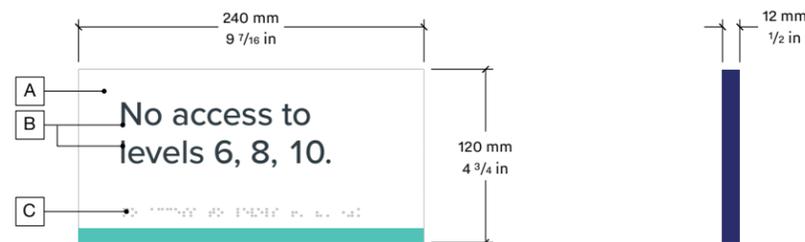
See placement diagram on next page for examples of mounting locations for various atypical conditions. If there is no door, mount to the side of spaces' entryway where the most people are anticipated to come from.

If there is an obstacle at the mounting location, follow these actions in order for alternatives:

- 1) Move the obstacle elsewhere if possible then mount the sign as specified on the latch side of door. If the obstacle is immovable, mount to the side of it if it would still be apparent the sign is still for the door it is referring to.
- 2) If that is not viable, instead mount on the hinge-side of the door with the same mounting conditions as specified and as noted above in (1), should there be an obstacle there, too.
- 3) If that, too, is not viable, mount the sign centred on the door at the designated mounting height.



**1** S1A: Stair ID  
 Scale 1:5



Note: The S1B sign type consists of both an S1A sign panel and the add-on panel by default.

**2** S1B: Stair ID — w. Add-on Info Panel  
 Scale 1:5



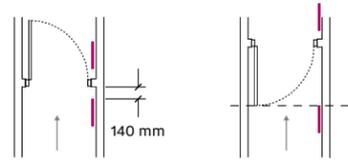
Mount edge of sign 140mm away from edge of the latch side of the door. See next page for locations when the conditions are not typical.

**3** S1A/B: in Typical Elevation  
 Scale 1:25

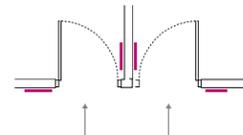
# SIGN SPECIFICATIONS

## S1A, S1B: Stair ID

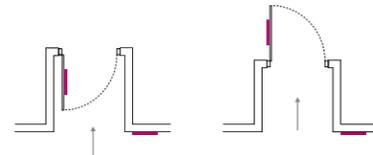
### Mounting locations for atypical conditions:



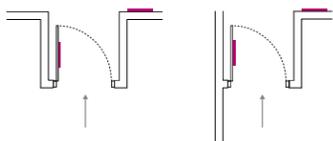
No adjacent wall space



Double doors with facing latch sides



Recessed Doors



Protruding Doors



Stair Floor  
D 14

Proxima Nova Medium 70pt.

Proxima Nova Medium 255pt.

Proxima Nova Medium 54pt.

Upper line: Stair and Floor  
Lower line: Arch. Room Number

G.115

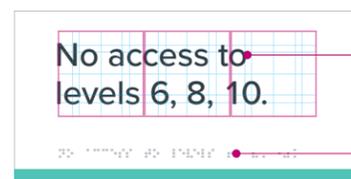


Stair Floor  
5B 5

Ensure a minimum of 25mm (1") is between stair and floor digits.

G.115

### 4 S1A / S1B: Graphic Standards Scale 1:5



Proxima Nova Medium 67pt.

Two lines available for braille text, but use the lower one first

### 6 S1B add-on: Graphic Standards Scale 1:5

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## S2A, S2B, S2C: Level ID – Elevator

**A BASE PANEL**  
 • 3mm (1/8") thick acrylic panel, faces and returns painted 'Dark Cool Gray'.

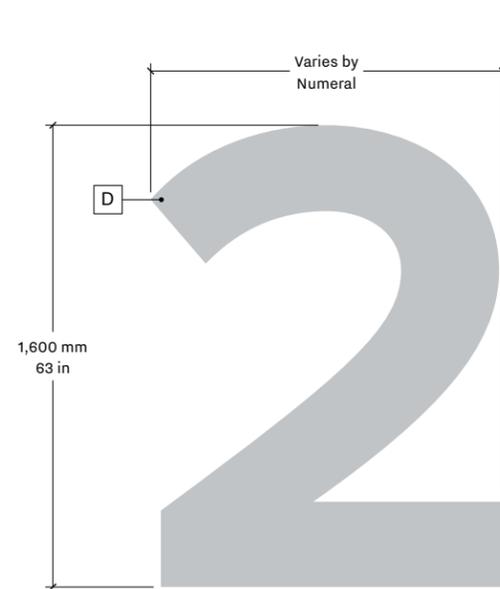
**B TACTILE ELEMENTS**  
 • Tactile level indicator and circle with 1mm raise, match to colour. Note that the inner white section of pictogram is to remain un-raised.

**C BRAILLE**  
 • Grade 1 Braille with 1mm raise, printed clear.

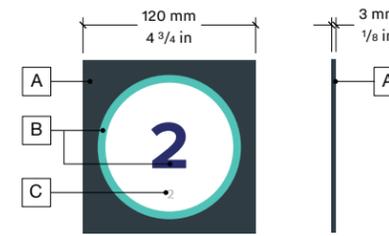
Installation:  
 Adhere S3B panel flat to wall with 3M d/s VHB tape.

**D WALL GRAPHIC**  
 • Kiss-cut vinyl, match to colour, matte finish.

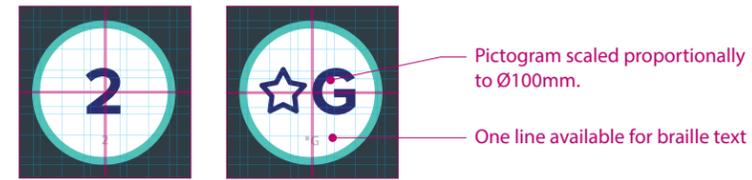
Installation:  
 Adhere directly to wall. The S2A and S2C sign types must only be mounted to wall surfaces that are not painted drywall.



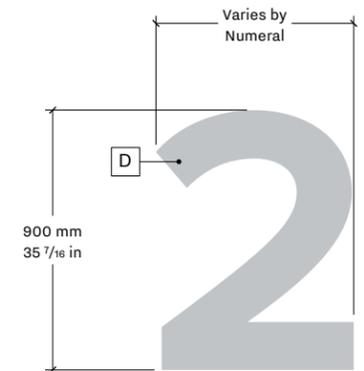
**1** S2A: Level ID, Elevator – Vinyl, Standard  
 Scale 1:25



**2** S2B: Level ID – Elevator – Jamb  
 Scale 1:5



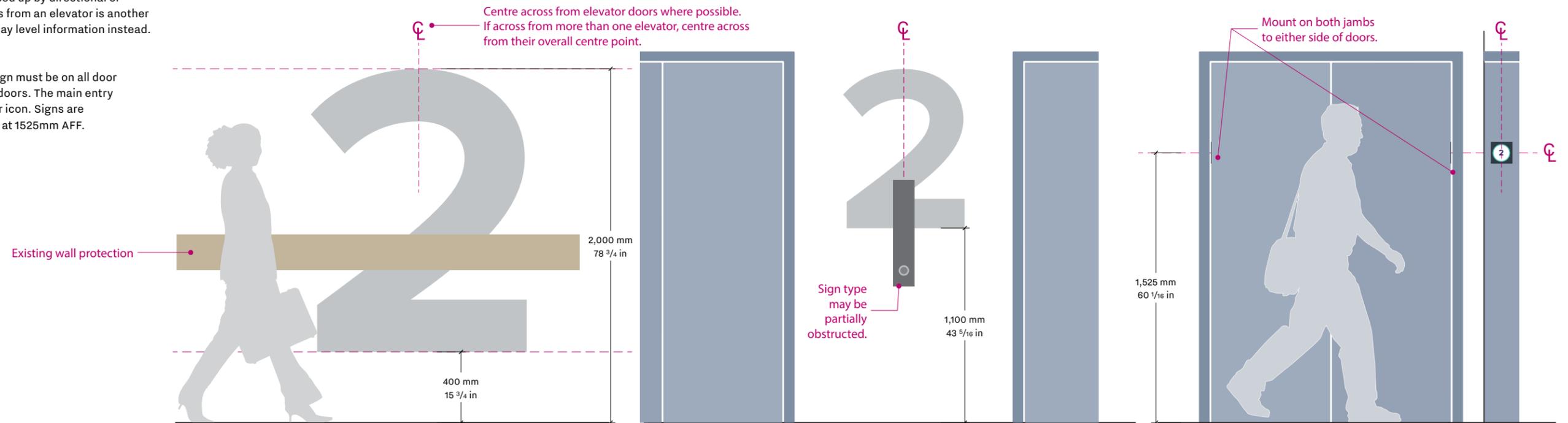
**3** S2B: Alternate Layout  
 Scale 1:5



**4** S2C: Level ID, Elevator – Vinyl, Small  
 Scale 1:25

**S2A**  
 Only use sign across from elevator doors where there is available wall space that isn't used up by directional or directory type signage. If across from an elevator is another elevator, sign type ID10B will relay level information instead.

**S2B**  
 To comply with OBC and CSA, sign must be on all door jambs to either side of elevator doors. The main entry level is required to include a star icon. Signs are required to be mounted centred at 1525mm AFF.



**5** S2A/B: Elevation  
 Scale 1:25

**6** S2C: Elevation  
 Scale 1:25

**7** S2B: Typical Elevation  
 Scale 1:25

= 60x60mm grid structure used for sign

# SIGN SPECIFICATIONS

## T1A, T1B: Building Transition

**A VINYL GRAPHIC**  
 • See sign type EG1 for details.

**Installation:**  
 • Standard commercial wallcovering pastes, primers, and techniques.  
 • Requires drywall finish to be level 4 or better.

**B VINYL MESSAGES**  
 • Digital print on matte vinyl, cut to shape.

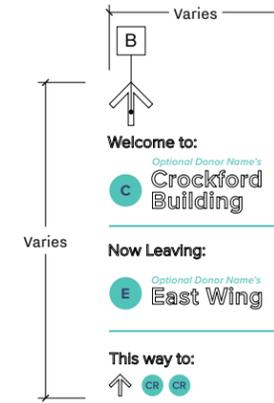
**VARIABLE LOCATIONS**  
 As each location may have differing conditions, the positioning of the sign may need to adapt.

**DYNAMIC BACKGROUND**  
 This graphic uses a 'gradient lines on dark cool gray' background by default. Where there is space available, the background may utilize a photographic treatment from sign type EG1. Regardless which background is chosen, they may all extend to adjacent walls to give it a more dynamic look. Extend a minimum of 500mm where conditions allow, and up to 1000mm, or where it will align with an architectural feature (wall edge, reveal, etc).



**1** T1A: Building Transition – Bulkhead – Message Layout  
 Scale 1:20

Note: This sign also includes a vinyl wall graphic shown only in the elevation below.



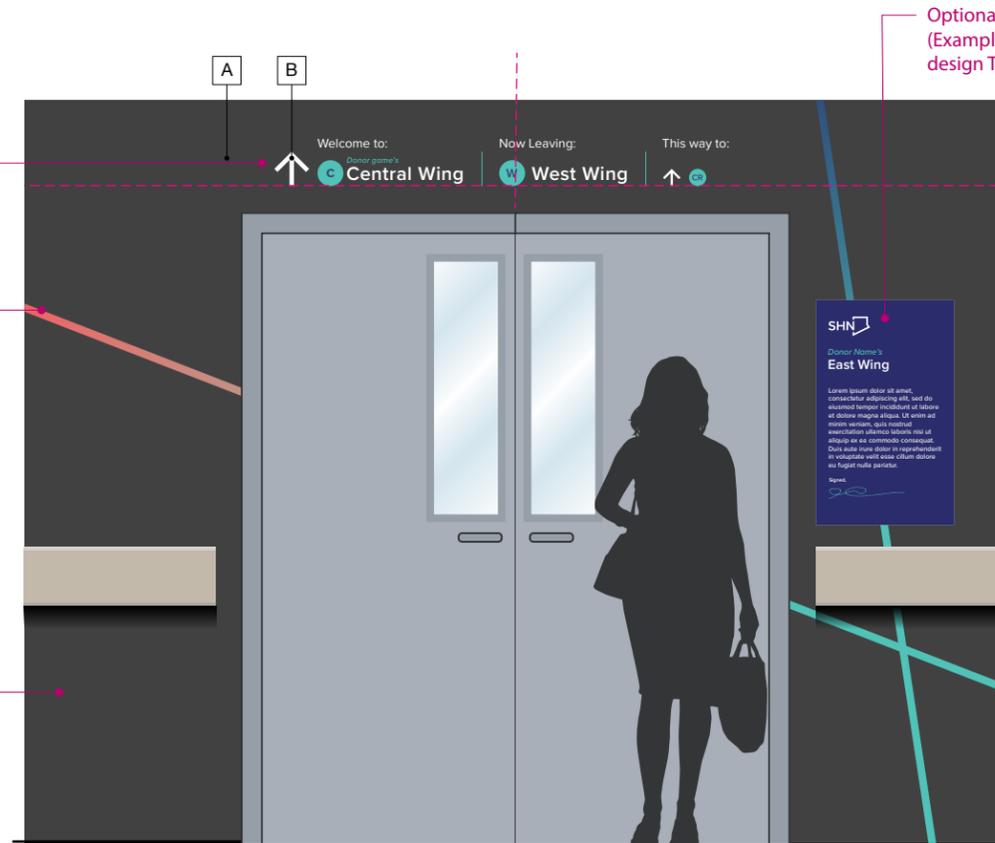
**2** T1B: Transition Sign – Wall – Message Layout  
 Scale 1:20

Note: This sign also includes a vinyl wall graphic shown only in the elevation below.

If space above is less than the space below, then centre within the available vertical space instead.

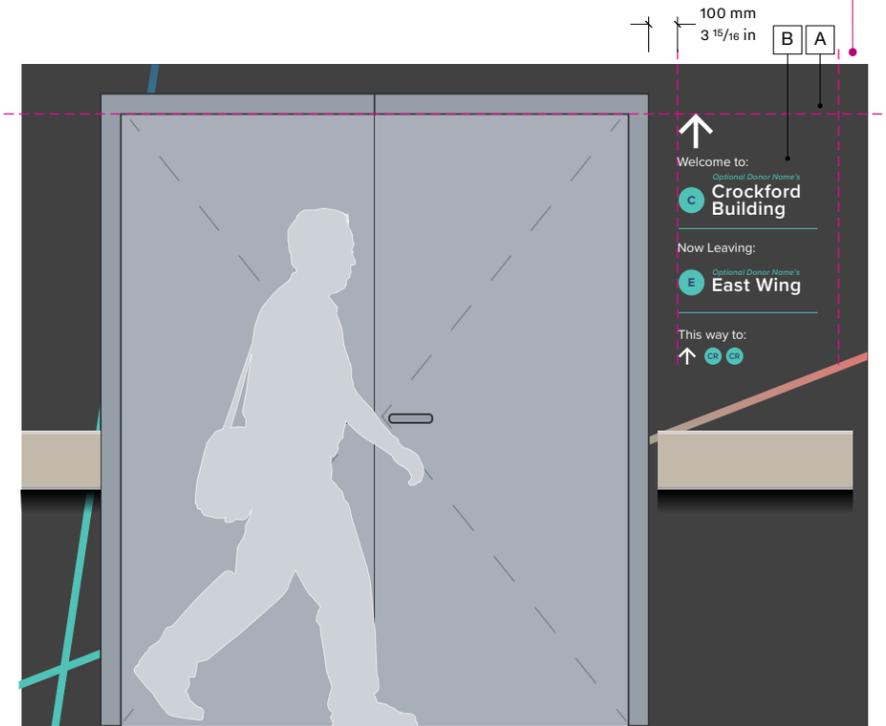
Sign type EG1-A Ensure any graphic elements or busy areas of photography do not intersect with T1A or T1B vinyl messages.

Graphic may extend to adjacent wall spaces for a more dynamic look. Extend a minimum of 500mm where conditions will allow.



**3** T1A Bulkhead: Typical Elevation  
 Scale 1:25

Align graphic to the top of the door. Graphic may extend wider if space allows. Maintain a minimum margin of 100mm on either side.



**4** T1B Wall: Typical Elevation  
 Scale 1:25

**SIGN SPECIFICATIONS**

**T1A, T1B: Building Transition**

**TOO MUCH CONTENT?**

If the sign's content would push it to be wider or longer than conditions will allow, remove the 'Now Leaving' section to accommodate.



**5** T1A: Graphic Standards  
Scale 1:10



**6** T1B: Graphic Standards  
Scale 1:10

= 60x60mm grid structure used for sign



**PROJECT**  
Scarborough Health Network  
Signage and Wayfinding Program

ISSUANCE	DATE
Originally Issued for Tender	2021-07-16
Revised	2025-04-03

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**SIGN SPECIFICATIONS**

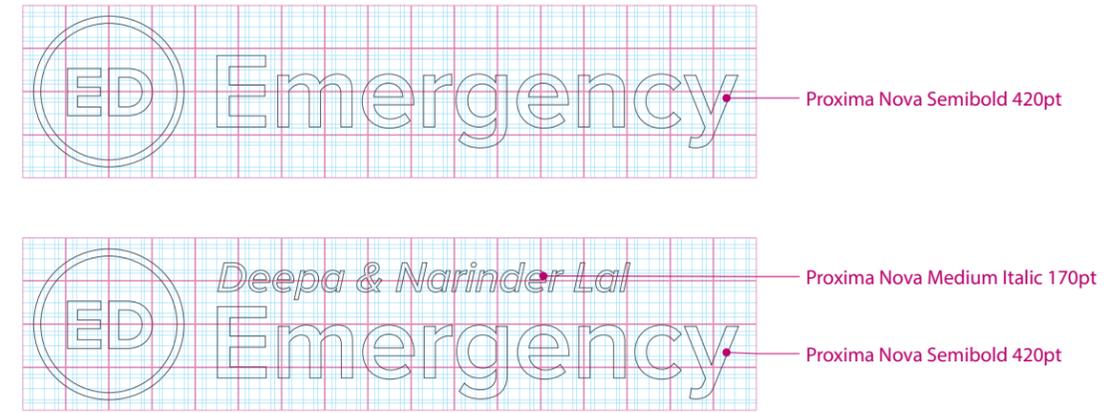
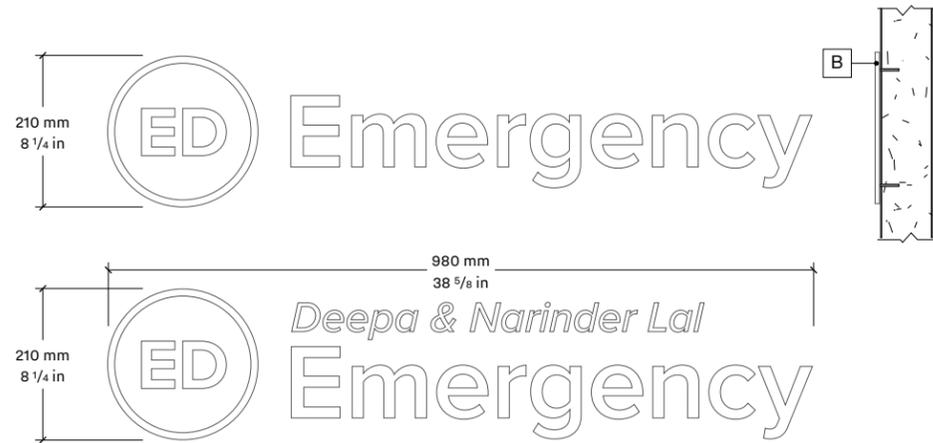
**T1C: Building Transition – Emergency**

**A PAINT**  
 • Match red to PMS 186c.

**B DIMENSIONAL TEXT / PICTOGRAM**  
 • 6mm (1/4") thick aluminum, painted white

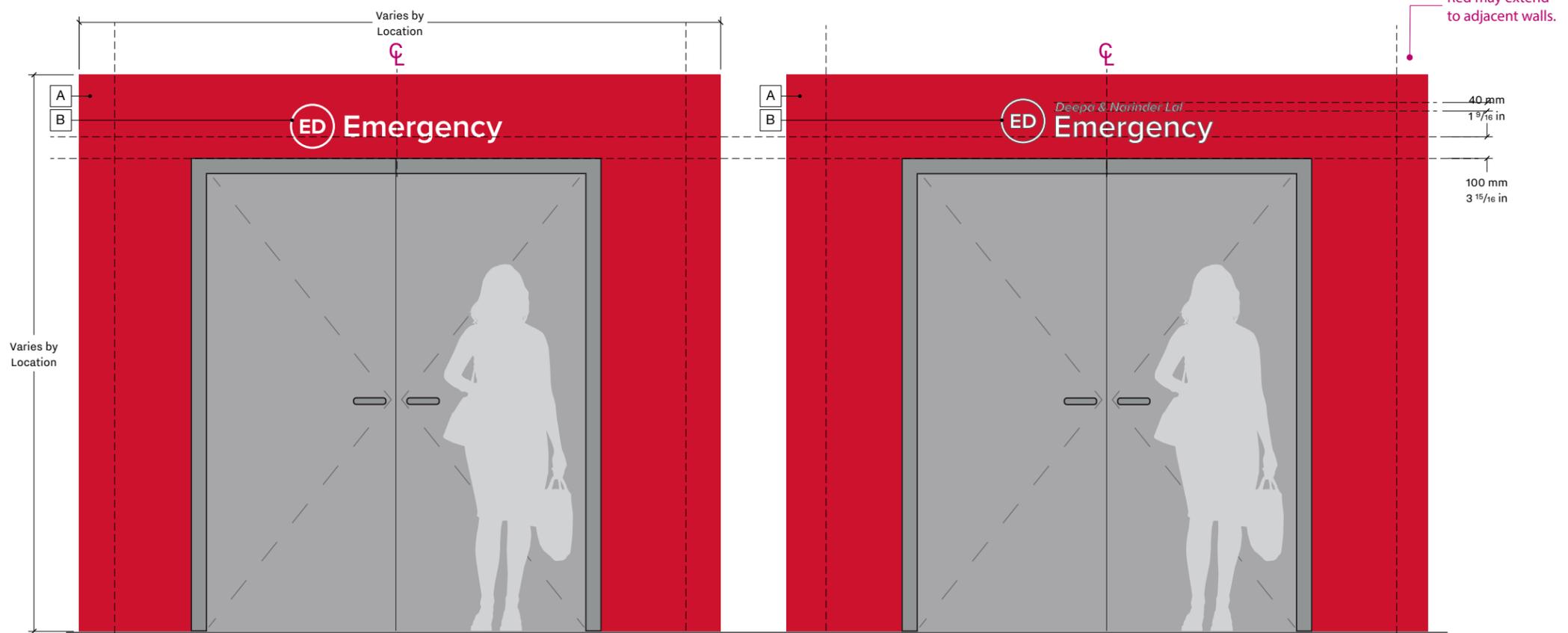
**Installation:**  
 • Pin-mount flat to wall with 3M d/s VHB tape.

**Note:**  
 The sign type must only be mounted to wall surfaces that are not painted drywall.



**1** T1C: Building Transition – Emergency  
 Scale 1:10

**2** Graphic Standards  
 Scale 1:10



**3** Elevation with and without donor  
 Scale 1:25

= 60x60mm grid structure used for sign

## SIGN SPECIFICATIONS

### T2: Building Transition – Suspended

- A FRAME**
- 44mm (1 3/4") thick fabricated aluminum angle frame with all visible faces painted 'SHN Teal'.
  - PVC backer with embedded earth magnets.

- B SIGN PANEL**
- 6mm (1/4") thick PVC panel with direct print graphics on 1st surface.
  - 0.7mm (0.03") steel tabs chemically adhered to 2nd surface.

- C SUSPENSION CABLE**
- 1.5mm (1/16") thick s/s cable to mount Mustang hangers into solid ceiling, or use caddy clips for T-bar suspension.

See technical drawing for typical suspended signs in the 'Interior Sign Technical Drawings' section.



1 T2: Building Transition – Suspended  
Scale 1:25



2 T2: Graphic Standards  
Scale 1:10



3 Typical Elevation  
Scale 1:50

= 60x60mm grid structure used for sign

# Section 6:

## Interior Signage: Mental Health Wards



## SIGN SPECIFICATIONS

### Mental Health Wards – Sign Variants

#### MENTAL HEALTH WARD SIGN VARIANTS

In an effort to prevent the possibility of harm or injury to the self or to others, signs in some mental health wards may be required to be built more robustly, and with additional considerations in mind. SHN to direct which hospital areas will require such treatment and to what extent.

The following sign elements should be avoided in these areas:

- No projecting signs.
- No suspended signs.
- No removable pieces.
- No pieces easily broken or damaged.
- No window signs.
- No 1st surface vinyl applications.

#### GRAPHIC STANDARDS

Unchanged. See individual sign type pages for graphic standards.

#### MOUNTING LOCATIONS

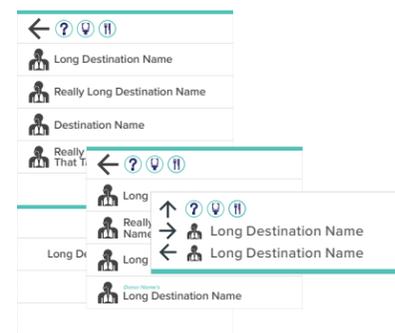
Unchanged. See individual sign type pages for mounting locations.

#### OTHER SIGNS

If a sign is not listed here, it might be okay to include in the area. Ensure it meets all requirements. As some tweaking to materiality may be required. use this page as a starting point for determining a good solution.



R5, R6



D1B, D1C, D1D, D1E



DR4



ID4B



R5, R6

#### SPECS FOR WALL-MOUNTED SIGNAGE

- Change to 3mm (1/8") thick PETG, painted white.
- Direct print graphics to painted surface.
- Mechanically fasten to wall with tamper-resistant counter-sunk screws, painted to match their background.
- Slightly ease and round corners and edges so as to not be sharp.

Applicable sign types:

- C3, C4, C5, C6
- D1B, D1C, D1D, D1E
- DR4
- ID4B
- R5, R6



ID1A, ID2A



R1, R4



R3



R10



S1

#### SPECS FOR TACTILE & BRAILLE SIGNAGE:

- 3mm (1/8") thick PETG, painted white
- Additive/3D-printed tactile and braille.
- Mechanically fasten to wall with tamper-resistant counter-sunk screws, painted to match their background.
- Slightly ease and round corners and edges so as to not be sharp.

Applicable sign types:

- ID1A\*, ID2A\*
- R1, R3\*\*, R4,
- R10\*
- S1\*

\* Including add-on panels

\*\* May use R2 graphic standards

\*Signs are not to scale. See individual sign type pages for detailed information.

# Section 7:

## Interior Signage: Technical Drawings

Use these pages only as a reference for how to fabricate this packages' signs, and always adhere to the details noted on each sign-types respective design pages.



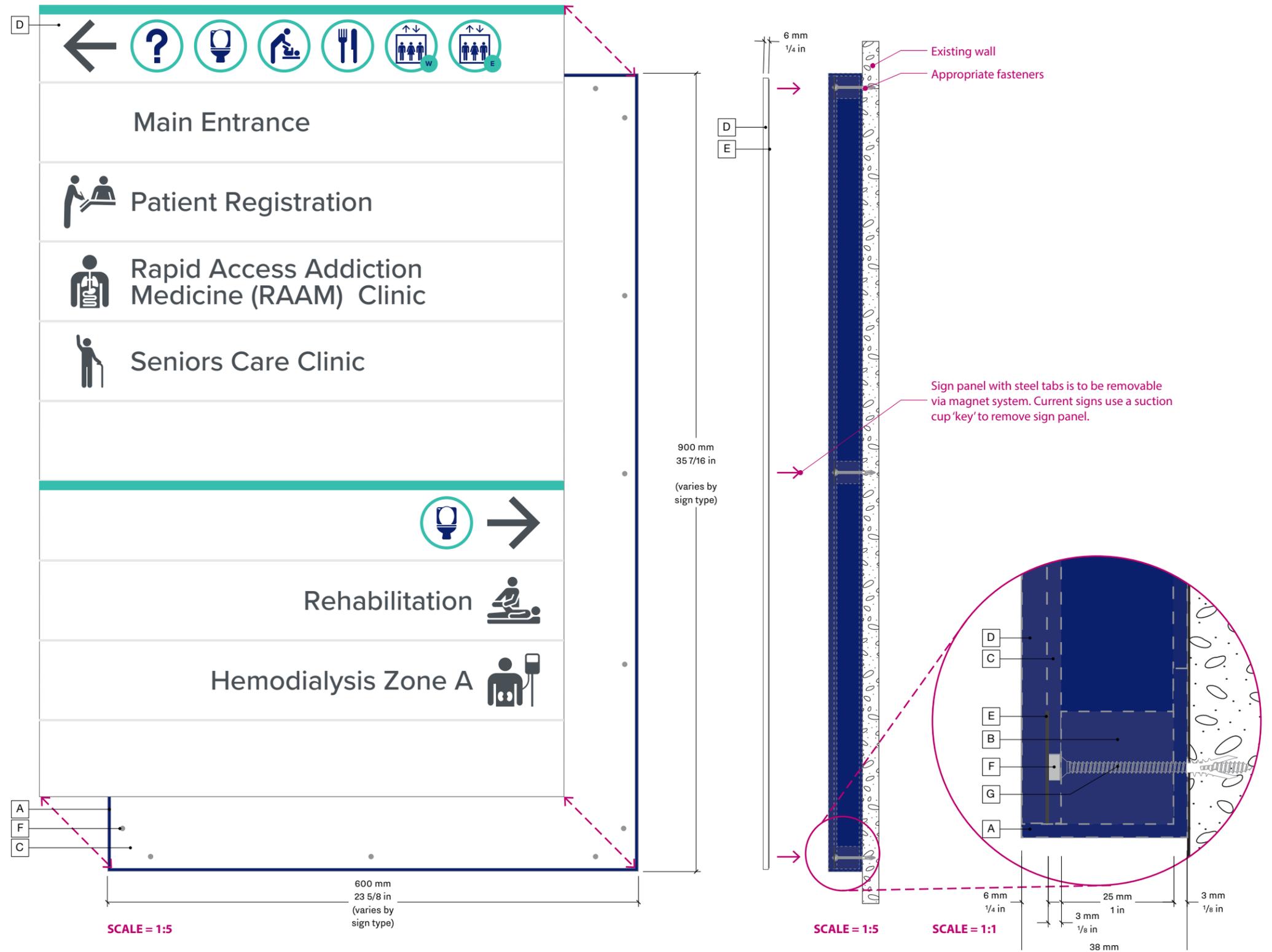
**INTERIOR SIGNAGE**

**Typical Detail for Framed Wall-Mounted Signs**

- A ALUMINUM ANGLE FRAME**  
• 1-1/2" x 1-1/2" aluminum angle frames painted all edges and returns, mechanically fastened to existing wall.
- B FPVC MEMBRANE**  
• 1" x 1" FPVC membrane mechanically fastened to frame and existing wall.
- C FPVC BACKER**  
3mm thick white FPVC backer with milled holes to receive magnets, adhered to FPVC membrane.
- D SIGN PANEL**  
• 6mm thick FPVC face painted face & returns MP03408 Fleet White, mounted inset into frame onto backer with magnets via steel tabs.  
• Direct print messaging and graphics on first surface as per graphic standards—see page(s) specific to sign type.
- E STEEL TABS**  
• 0.7mm (0.03") steel tabs adhered to 2nd surface of FPVC face. Tabs are intended to magnetically hold to earth magnets.
- F EARTH MAGNETS**  
• 1/8" thick Ø1/4" earth magnets mounted into FPVC backer. Magnets should be strong enough to hold panel and be difficult to remove without a special tool (e.g. suction cup 'key').
- G FASTENERS**  
• Appropriate mechanical fasteners.

**NOTE**  
This drawing is for intent purposes only, not for construction.

This drawing uses sign type D1B as an example. This intent should be adaptable to similar wall-mounted sign types, regardless of size. All new signs should match the fabrication of similar signs existing on site to ensure easy future changeouts.



**INTERIOR SIGNAGE**

**Typical Detail for Wall-Mounted Directory Configurations**

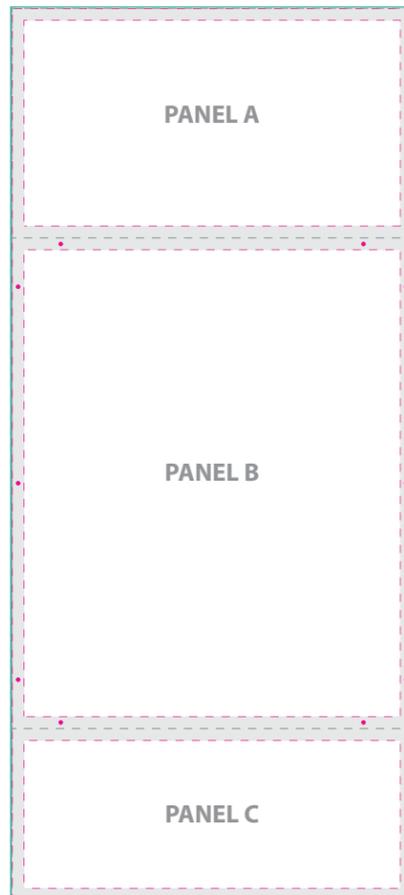
**\* SIMILAR FABRICATION**  
 Directory configurations are expected to be fabricated similarly as typical framed wall-mounted signs, however, there are multiple removable sign panels instead of just one. These removable panels are expected to reduce the costs of future changeouts.

**NOTE**  
 This drawing is for intent purposes only, not for construction.

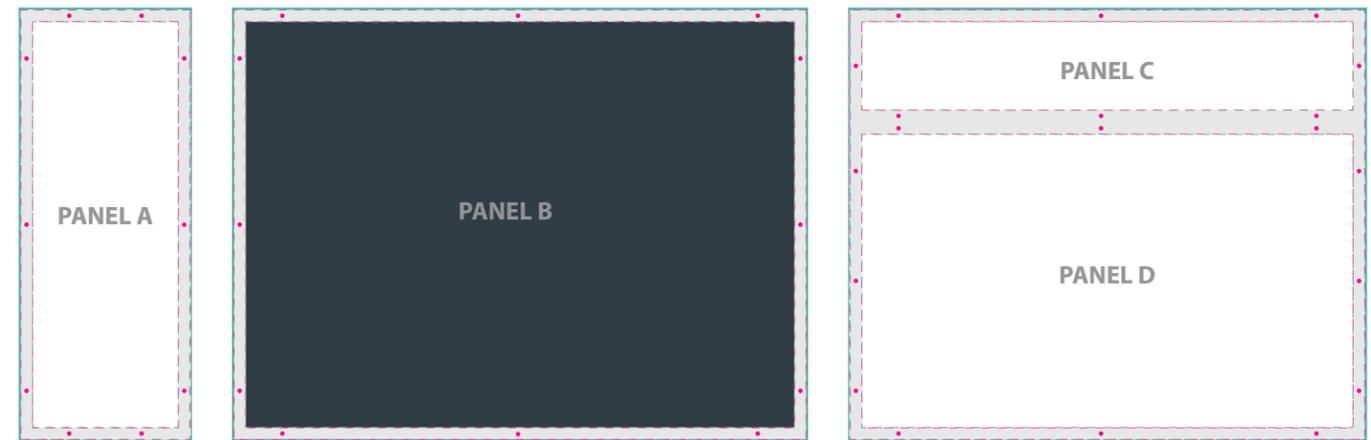
This drawing uses sign types DR1 and DR3A as examples. This intent should be adaptable to similar directory sign types, regardless of size. All new signs should match the fabrication of similar signs existing on site to ensure easy future changeouts.



**DR1**



**DR3A**



The DR3 series of signs should be broken up into separate components as shown above. This will allow future additions, removals, and/or relocations easier in the future. These components should be implemented flush against each other to appear as one cohesive sign on-site.

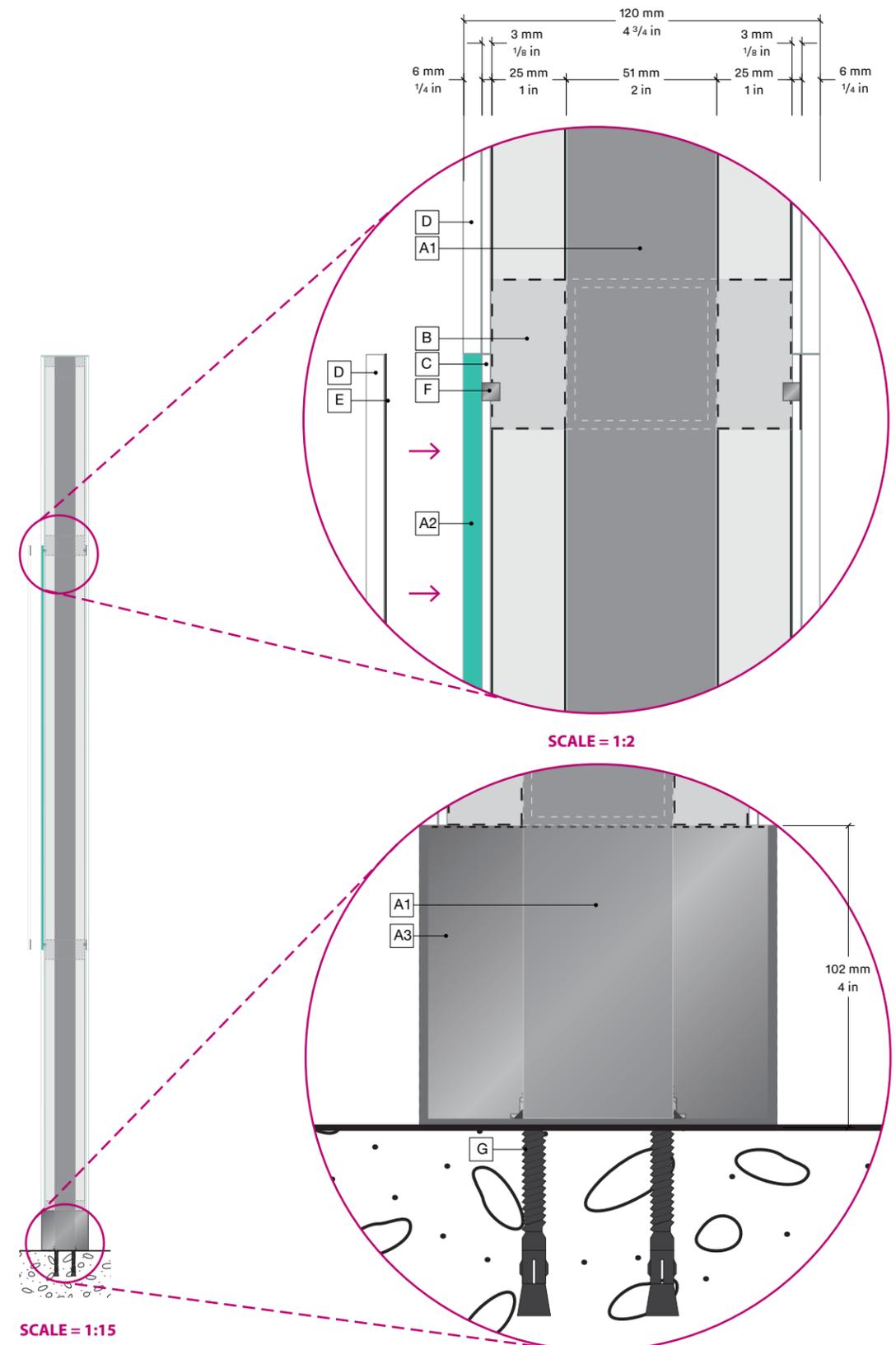
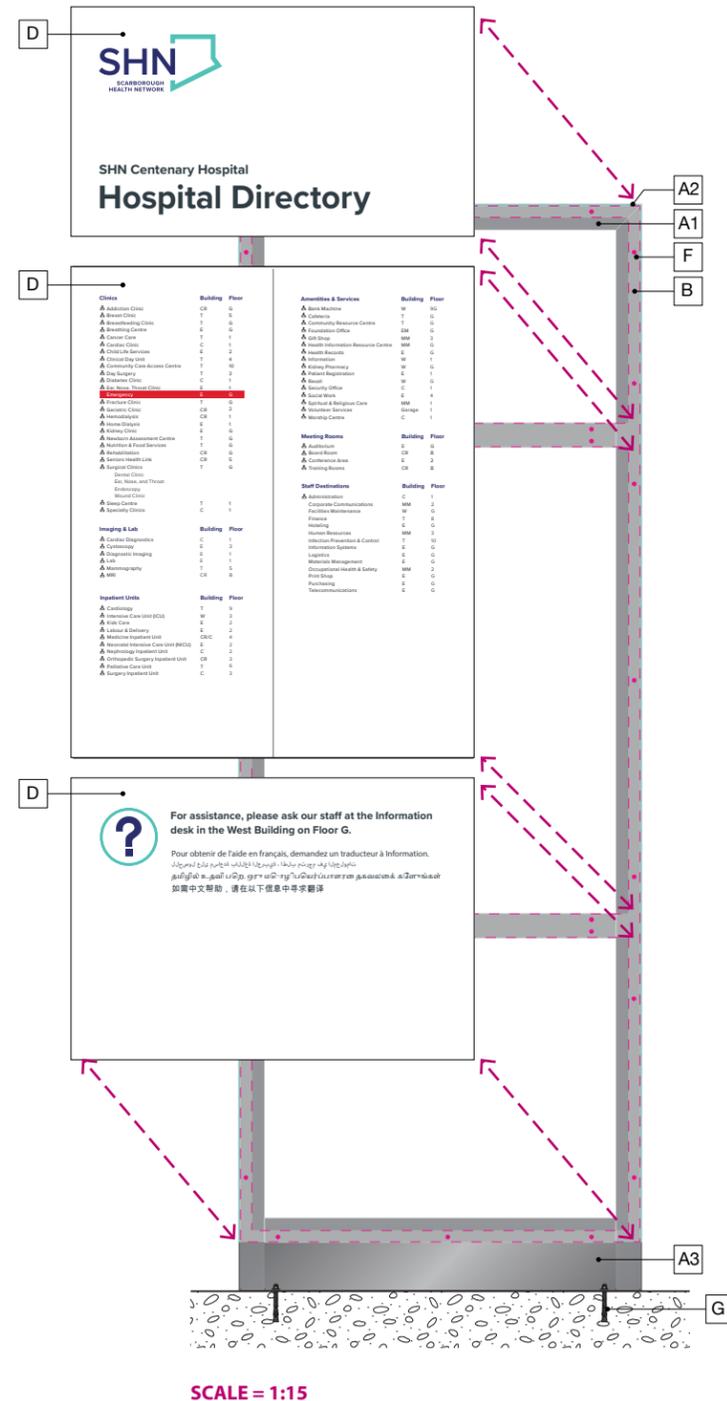
# INTERIOR SIGNAGE

## Typical Detail for DR2 Freestanding Directory

- A1 ALUMINUM TUBE FRAME**  
• 2" x 2" aluminum tube frame structure, welded to kick-plate. Visible
- A2 CLADDING**  
• 3mm thick aluminum cladding on top and sides, all faces and returns painted MP00426 Old San Juan Jade. Chemically adhered to aluminum tube frame.
- A3 BASE PLATE / KICK PLATE**  
• 3mm thick 4" x 4" polished aluminum angle to create base and kick plate.
- B FPVC MEMBRANE**  
• 1" x 1" FPVC membrane mechanically fastened to tube frame.
- C FPVC BACKER**  
• 3mm thick white FPVC backer with milled holes to receive magnets, adhered to FPVC membrane.
- D SIGN PANEL**  
• 6mm thick FPVC face painted face & returns MP03408 Fleet White, mounted inset into frame onto backer with magnets via steel tabs.  
• Direct print messaging and graphics on first surface as per graphic standards—see page(s) specific to sign type.
- E STEEL TABS**  
• 0.7mm (0.03") steel tabs adhered to 2nd surface of FPVC face. Tabs are intended to magnetically hold to earth magnets.
- F EARTH MAGNETS**  
• 1/8" thick Ø1/4" earth magnets mounted into FPVC backer. Magnets should be strong enough to hold panel and be difficult to remove without a special tool (e.g. suction cup 'key').
- G ANCHORS**  
• Appropriate anchors to mount to existing floor.

**NOTE**  
This drawing is for intent purposes only, not for construction.

This drawing uses sign type D1B as an example. This intent should be adaptable to similar wall-mounted sign types, regardless of size. All new signs should match the fabrication of similar signs existing on site to ensure easy future changeouts.



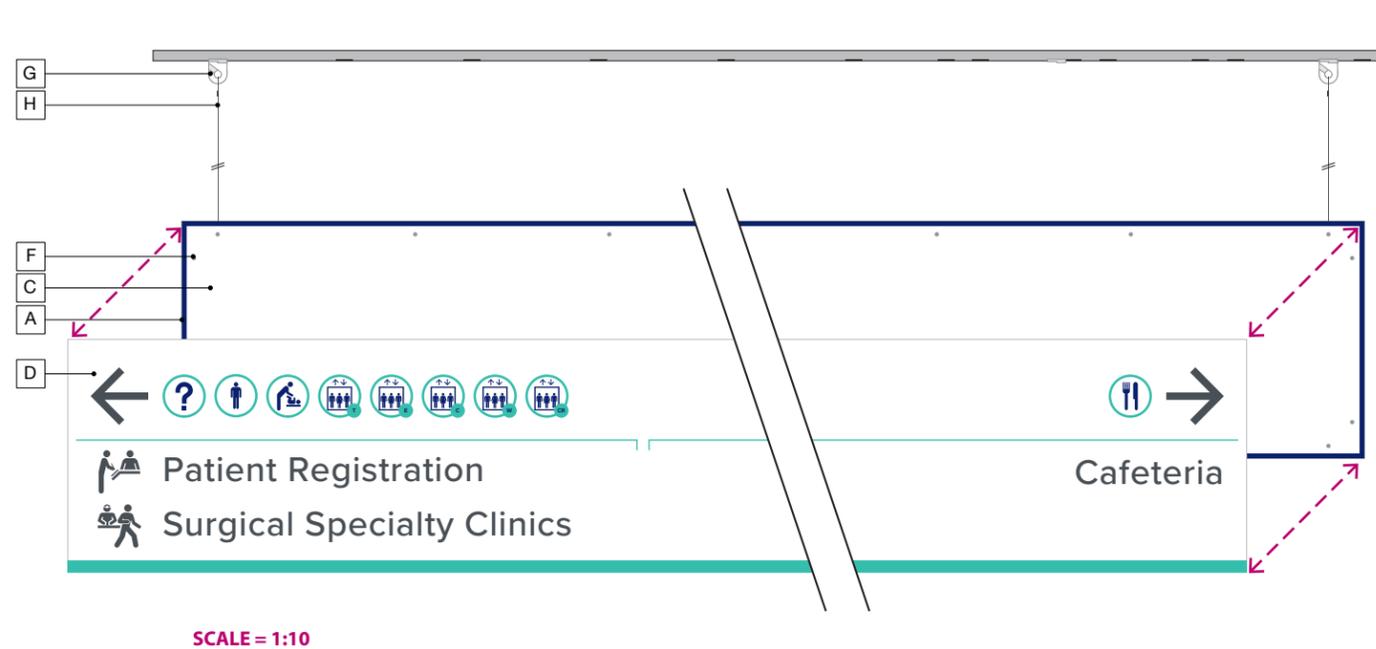
# INTERIOR SIGNAGE

## Typical Detail for Suspended Signs

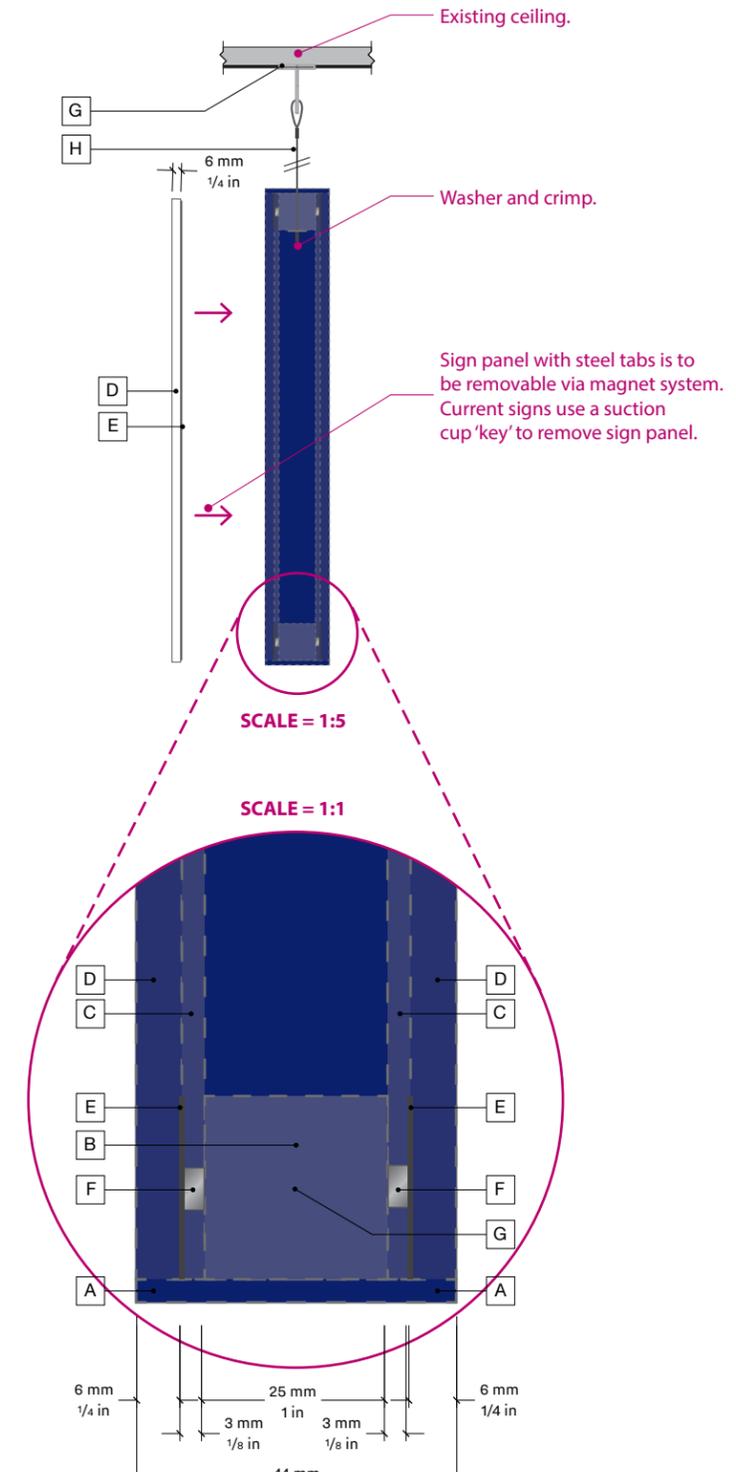
- A ALUMINUM ANGLE FRAME**  
• 1-1/2" x 1-1/2" aluminum angle frames painted all edges and returns, mechanically fastened to existing wall.
- B FPVC MEMBRANE**  
• 1" x 1" FPVC membrane mechanically fastened to frame and existing wall.
- C FPVC BACKER**  
3mm thick white FPVC backer with milled holes to receive magnets, adhered to FPVC membrane.
- D SIGN PANEL**  
• 6mm thick FPVC face painted face & returns MP03408 Fleet White, mounted inset into frame onto backer with magnets via steel tabs.  
• Direct print messaging and graphics on first surface as per graphic standards—see page(s) specific to sign type.
- E STEEL TABS**  
• 0.7mm (0.03") steel tabs adhered to 2nd surface of FPVC face. Tabs are intended to magnetically hold to earth magnets.
- F EARTH MAGNETS**  
• 1/8" thick Ø1/4" earth magnets mounted into FPVC backer. Magnets should be strong enough to hold panel and be difficult to remove without a special tool (e.g. suction cup 'key').
- G SUSPENSION HARDWARE**  
• Appropriate suspension hardware (e.g. T-bar hanging clips) . Alternative hardware may be required on a location by location basis.
- H CABLE**  
• 1.5mm diameter stainless steel cable and crimp. Extend into sign frame and use washer and crimp within, as shown.

**NOTE**  
This drawing is for intent purposes only, not for construction.

This drawing uses sign type D2B as an example. This intent should be adaptable to similar suspended sign types, regardless of size. All new signs should match the fabrication of similar signs existing on site to ensure easy future changeouts.



SCALE = 1:10



SCALE = 1:5

SCALE = 1:1

**INTERIOR SIGNAGE**

**Typical Detail for Projecting Signs**

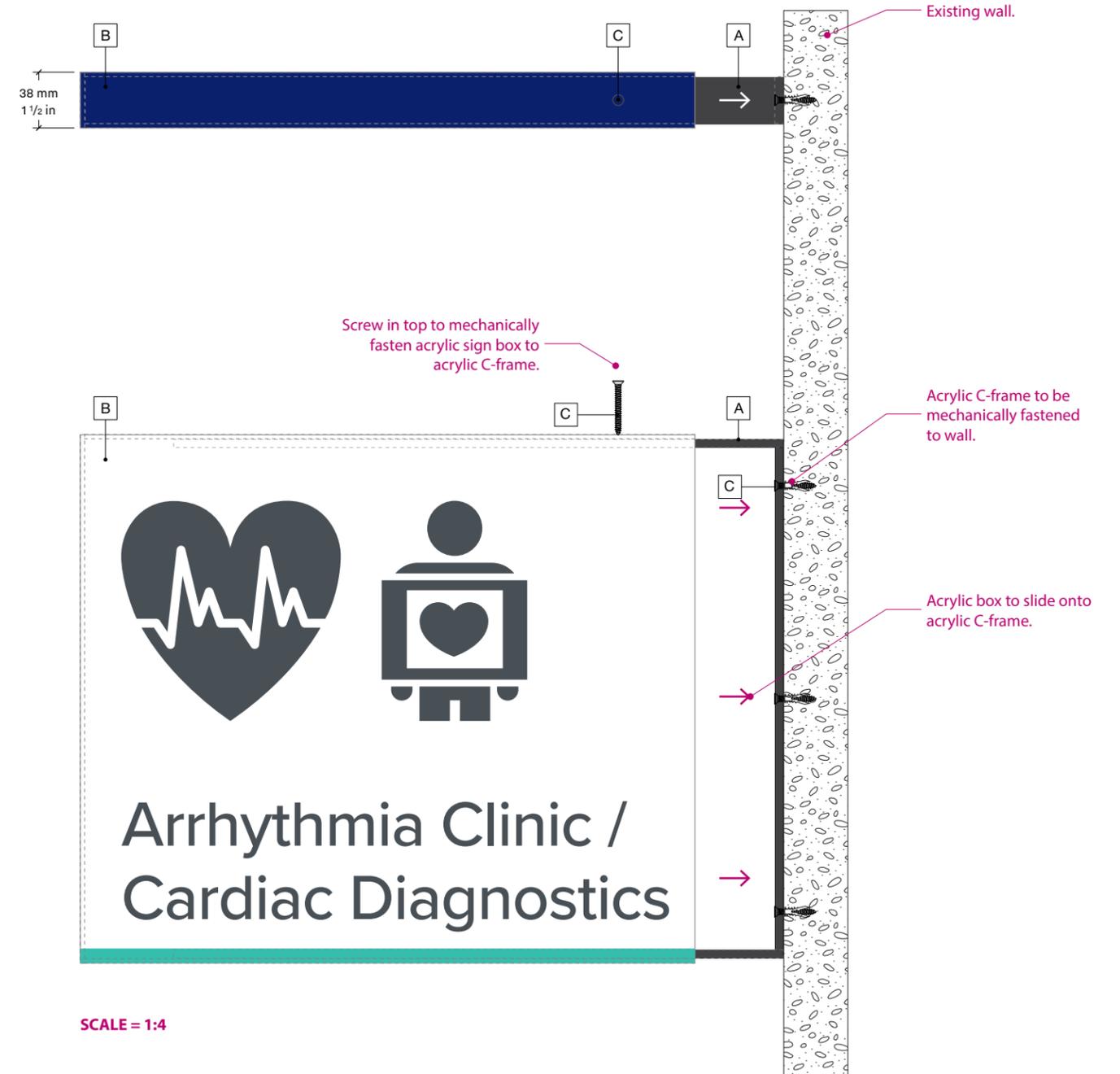
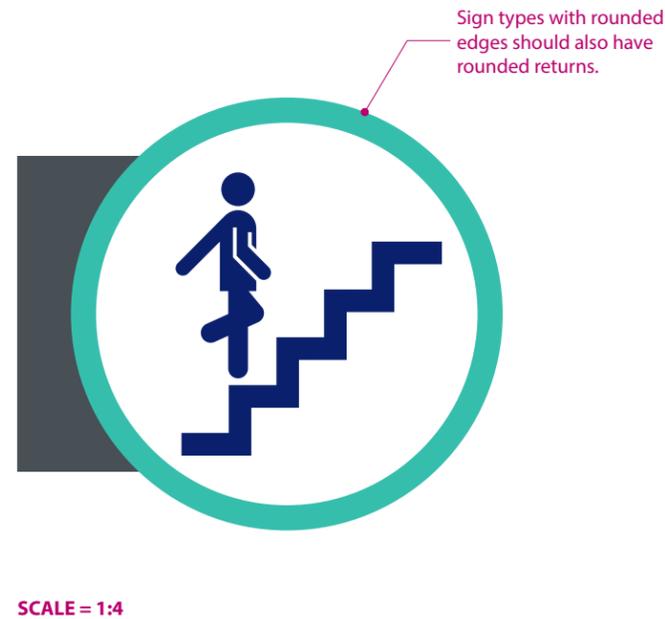
**A ACRYLIC C-FRAME**  
 • 6mm thick acrylic C-frame.

**B ACRYLIC SIGN BOX**  
 • 3mm thick acrylic box without a back. Faces & returns painted MP03408 Fleet White, band Old San Juan Jade.  
 • Kiss-cut vinyl graphics on front and back surfaces as per graphic standards—see page(s) specific to sign type.

**C FASTENERS**  
 • Appropriate mechanical fasteners.

**NOTE**  
 This drawing is for intent purposes only, not for construction.

This drawing uses sign type ID6A and ID6B as examples. This intent should be adaptable to similar suspended sign types, regardless of size. All new signs should match the fabrication of similar signs existing on site to ensure easy future changeouts.



Thank You.

