

# SIGNAGE & WAYFINDING PROGRAM UNION STATION

## Construction Documents

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1	Issued For Tender	July 13, 2023
0	Issued For Tender	May 16, 2023

Section 1

# Technical Specifications

CLEARVIEW ADA REGULAR

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m n o p q r s t u v w x y z  
0 1 2 3 4 5 6 7 8 9

CLEARVIEW ADA MEDIUM

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m n o p q r s t u v w x y z  
0 1 2 3 4 5 6 7 8 9

CLEARVIEW ADA DEMI BOLD

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m n o p q r s t u v w x y z  
0 1 2 3 4 5 6 7 8 9

CLEARVIEW ADA BOLD

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m n o p q r s t u v w x y z  
0 1 2 3 4 5 6 7 8 9



Note: The alternate proportional 1 should be used instead of the standard tabular lining 1.

## General Colour and Material Specifications

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### SYSTEM COLOURS



**System Black**  
Matthews Paint: Black Is Black  
Paint Number: MP-59647

Vinyl: –

Pantone: –  
CO MO YO K95



**System White**  
Matthews Paint: White Wonder  
Paint Number: MP-32071

Vinyl: Oracal 951 Premium Cast -  
White O10

Pantone: –  
CO MO YO KO



**Gun Metal Grey**  
Matthews Paint: Smoke Grey Met.  
Paint Number: MP-18238  
W/ Grey Metallic Matte Finish

Vinyl: –

Pantone: –  
CX MX YX KX



**Accessible Blue**  
Matthews Paint: –  
Paint Number: –

Vinyl: Avery SC 900-626-0

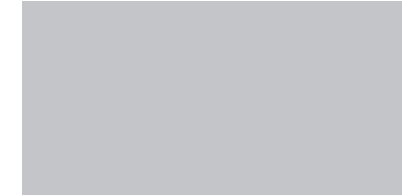
Pantone: 285 C  
C90 M48 YO KO



**Exit Yellow**  
Matthews Paint: –  
Paint Number: –

Vinyl: Avery SC 900-206-0

Pantone: 106 C  
C4 M5 Y80 KO



**Translation Grey 1**  
Matthews Paint: –  
Paint Number: –

Vinyl: 3M Medium Gray 7725-31

Pantone: 428 C  
CO MO YO K30



**Translation Grey 2**  
Matthews Paint: –  
Paint Number: –

Vinyl: –

Pantone: 431 C  
C20 M0 YO K70



**Acrylic**  
Clear non-glare Acrylite FF P99 or  
approved equivalent

Used on insert signs.

## General Colour and Material Specifications

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### OPERATOR COLOURS



**GO Green / GO Transit**  
Pantone: 370 C



**TTC Red**  
Matthews Paint: Red Dragon  
Paint Number: MP-15024

Vinyl: 3M 3650-13 Tomato Red

Pantone: 485 C  
CO M100 Y100 KO



**VIA Yellow**  
Matthews Paint: Cinquefoil Yellow  
Paint Number: MP-02336

Vinyl: Avery 900 Supercast Opaque Films  
SX 900-216-0

Pantone: 123 C  
CO M24 Y94 KO



**VIA Red**  
Matthews Paint: –  
Paint Number: –

Vinyl: –

Pantone: 032 C  
CO M90 Y86 KO



**Union Brand Colours**  
Pantone (From left to right):  
338 C  
7700 C  
241 C  
151 C



**PATH Colours**  
Pantone (From left to right):  
432C  
1797 C  
124 C  
2995 C  
107 C



**Travel Information Blue**  
Matthews Paint: –  
Paint Number: –

Vinyl: –

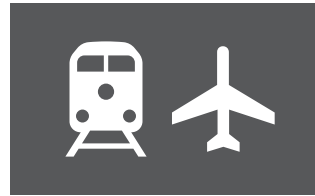
Pantone: 288 C  
C100 M75 Y6 K24

General Pictograms

SYSTEM PICTOGRAMS



Trains



Trains to Pearson  
Trains vers Pearson



Bus Terminal  
Station d'autobus



Subway (Line 1)  
Métro



Streetcar  
Tramway



Taxis



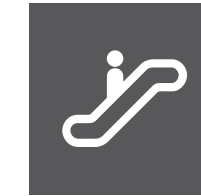
Pedestrian Connection  
Passage piétonnier



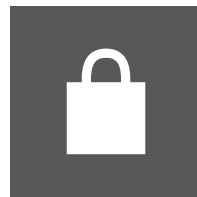
Elevator  
Ascenseur



Ramp  
Rampe



Escalator  
Escalier roulant



Shops  
Magasins



Restaurants  
Restaurants



Washrooms  
Toilettes



Baggage  
Bagages



Option 1  
Tourist Info  
Info touristique



Option 2  
Tourist Info  
Info touristique

OPERATOR LOGOS



GO Transit



Toronto Transit Commission  
(TTC)



VIA Rail Canada

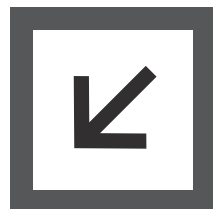
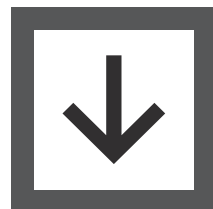
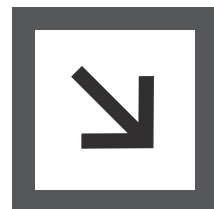
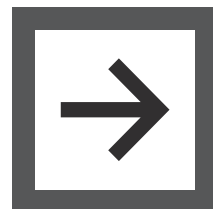
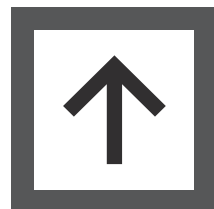
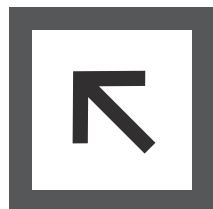
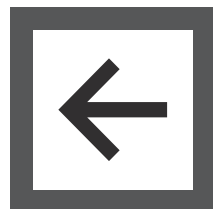


UP Express  
(Trains to Pearson)

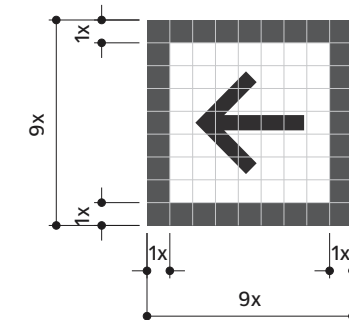


Union

ARROWS

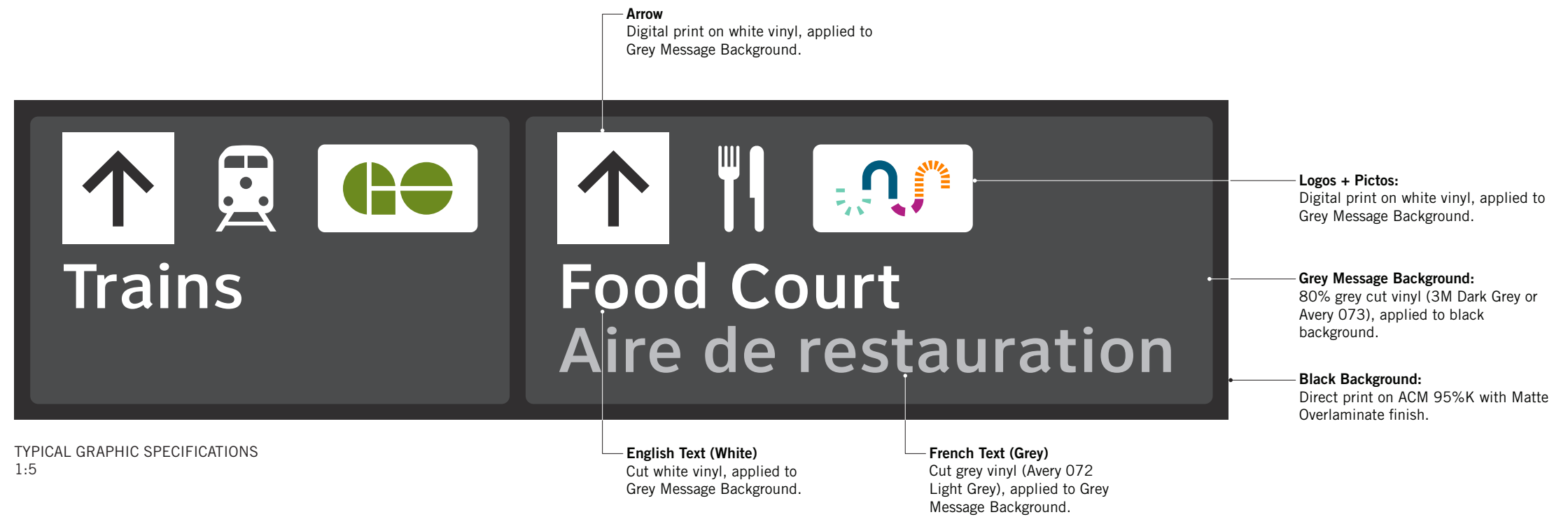


Arrow Grid



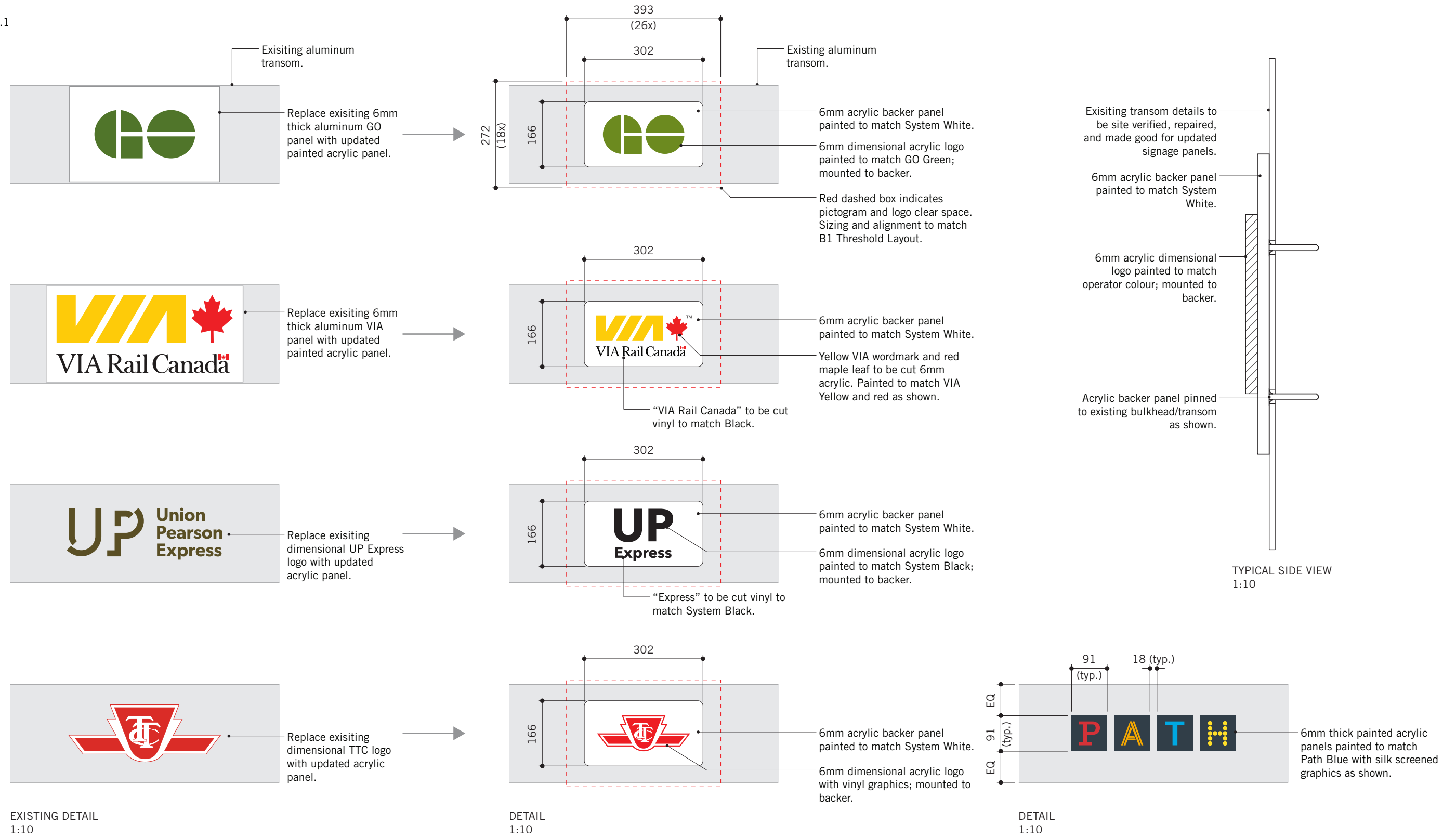
## General Graphic Specifications and Details

NOTE:  
SAMPLES TO BE PROVIDED FOR  
REVIEW AND APPROVAL.

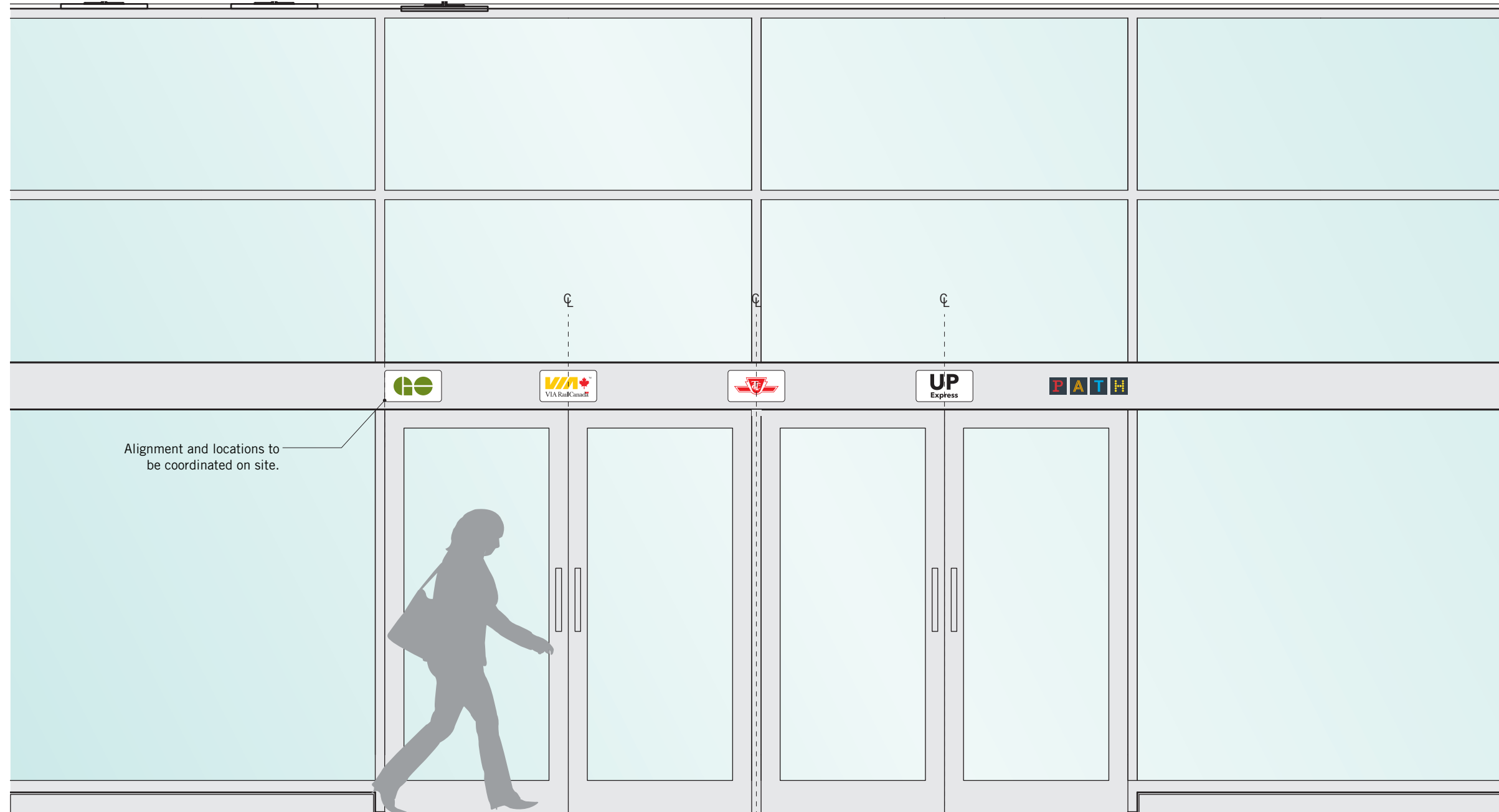


## Sign A3.2 Operator Logos

NOTE:  
Typical value equals 15.1  
mm or one grid unit.





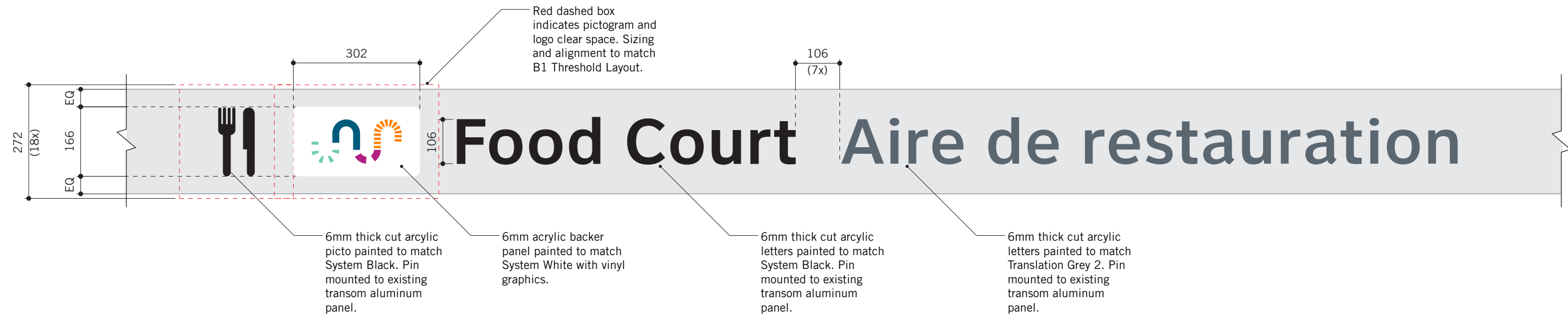


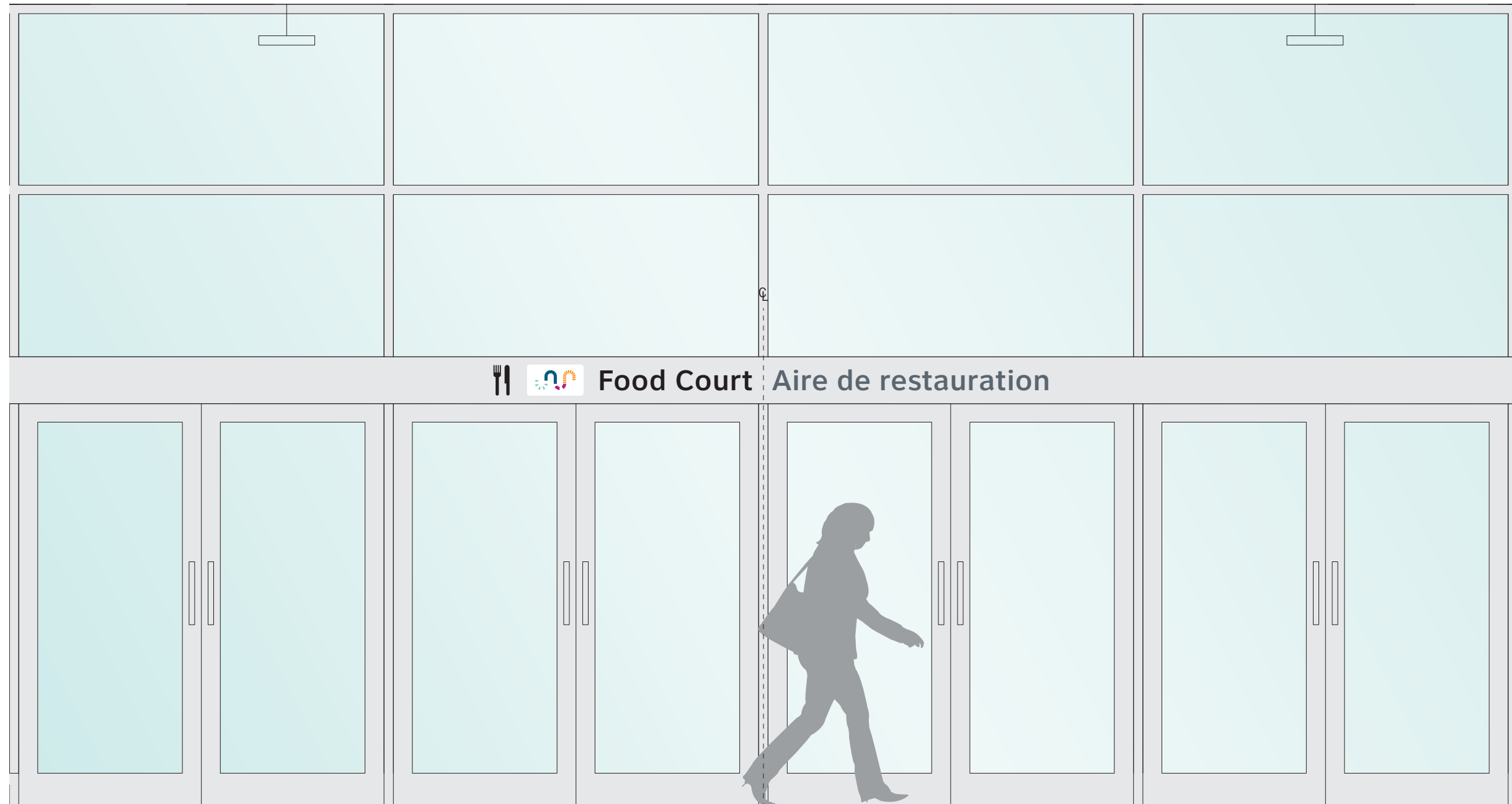
Alignment and locations to be coordinated on site.

TYPICAL ELEVATION  
1:25

### Sign A3.3 Food Court Entance ID

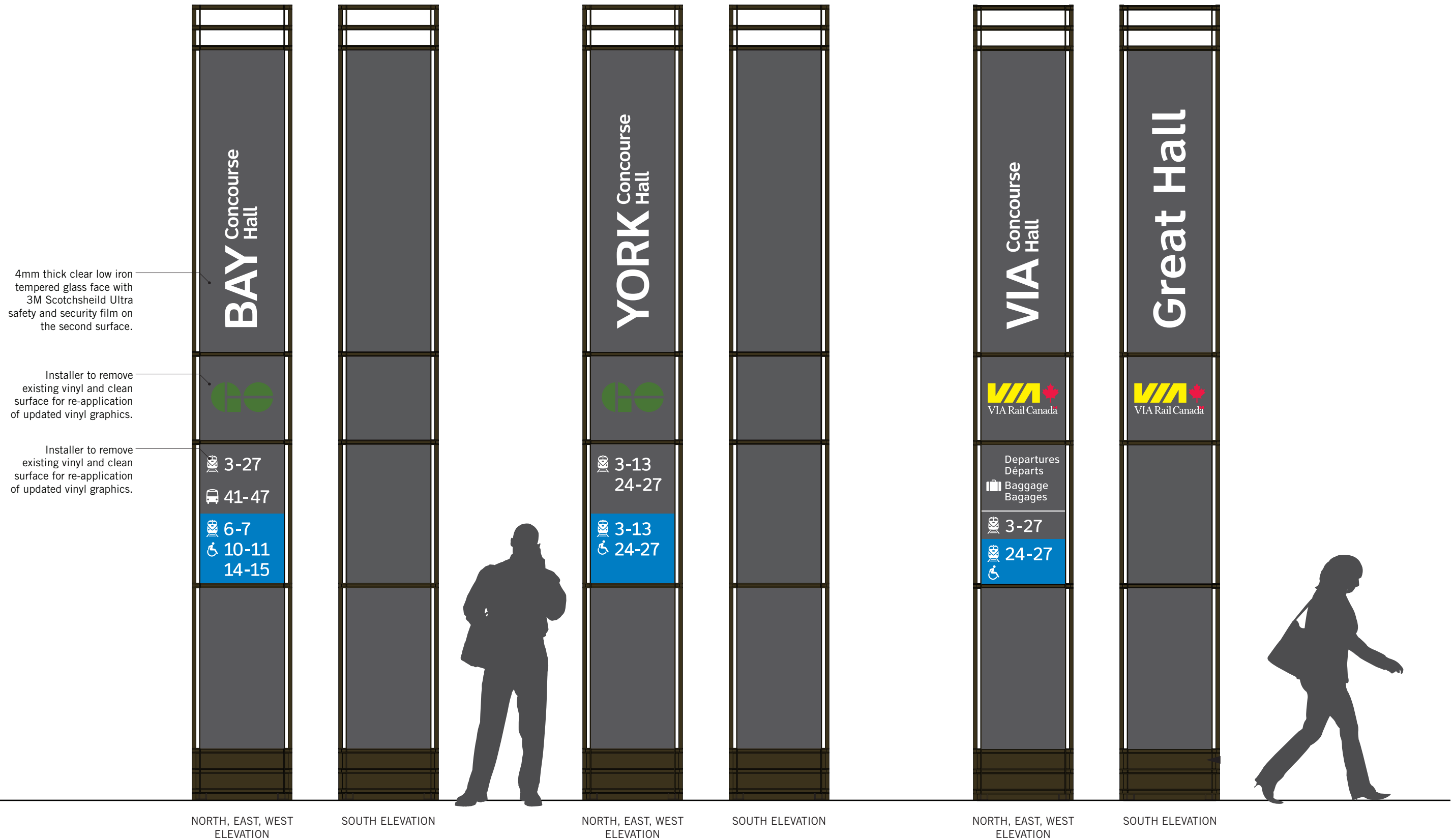
NOTE:  
Typical value equals 15.1  
mm or one grid unit.



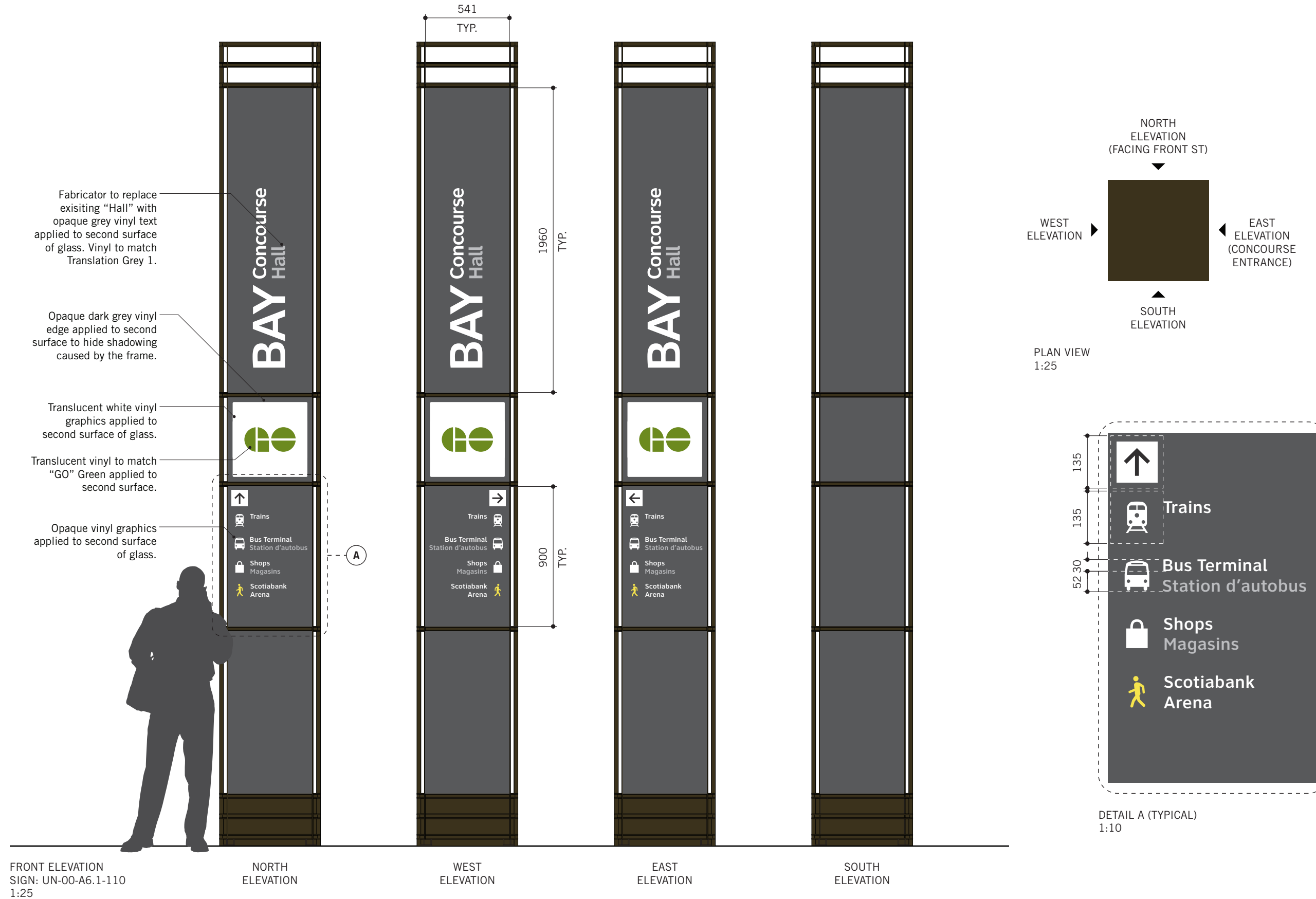


YORK ST TEAMWAY - FOOD COURT ENTRANCE ELEVATION  
1:25

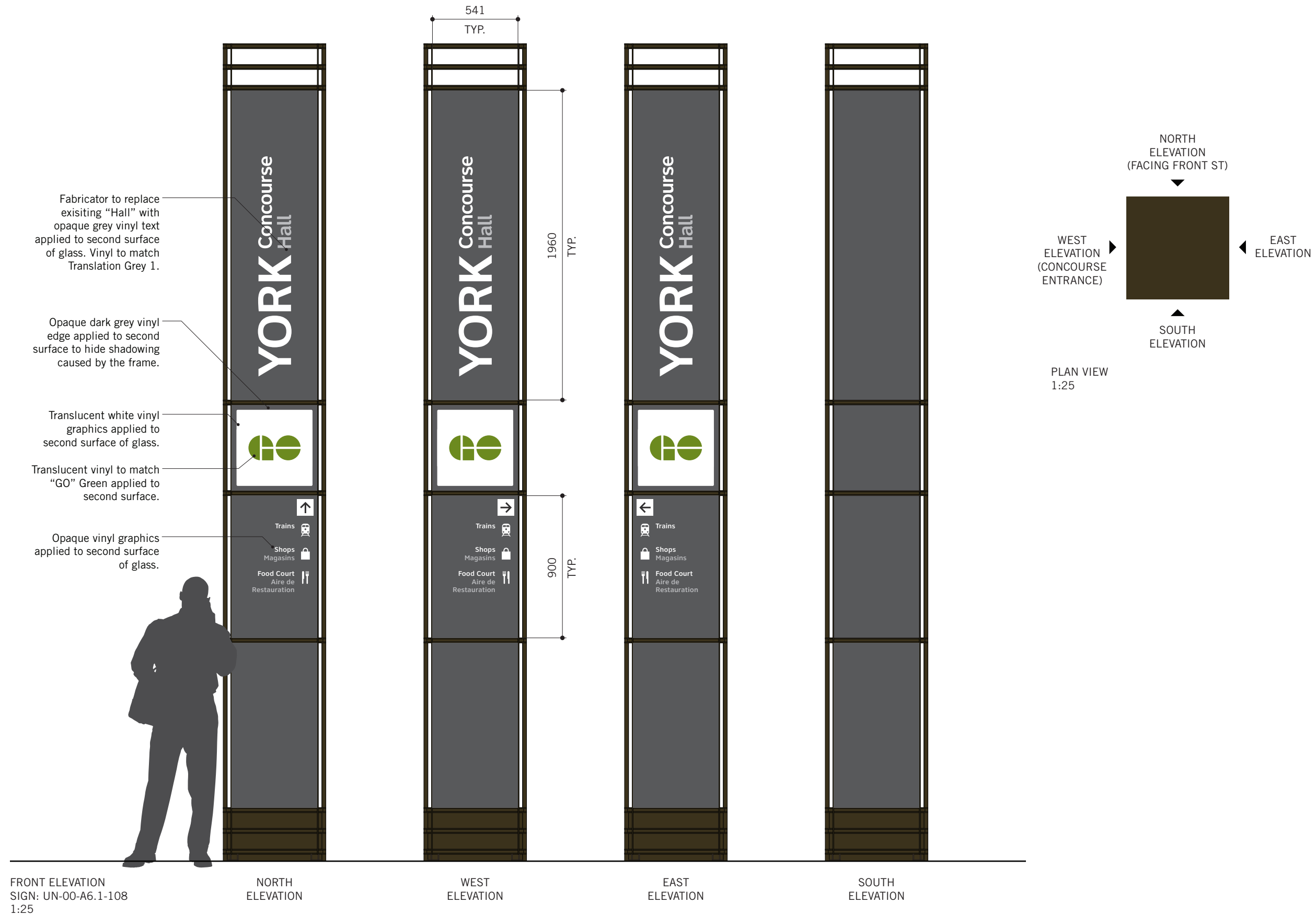
Sign A6.1 - Existing Obelisk



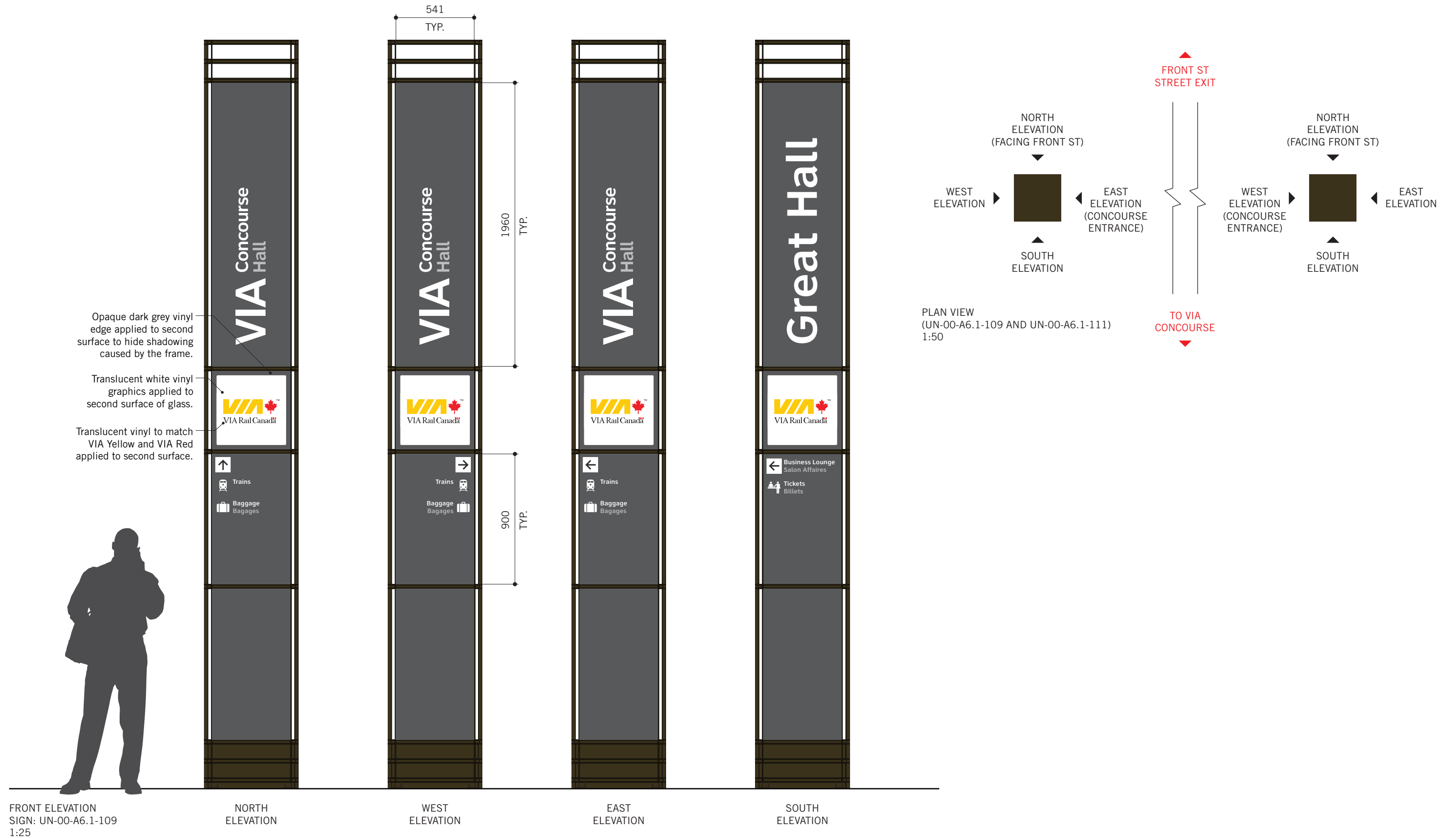
Sign A6.1 - Revised Bay Concourse Obelisk Design



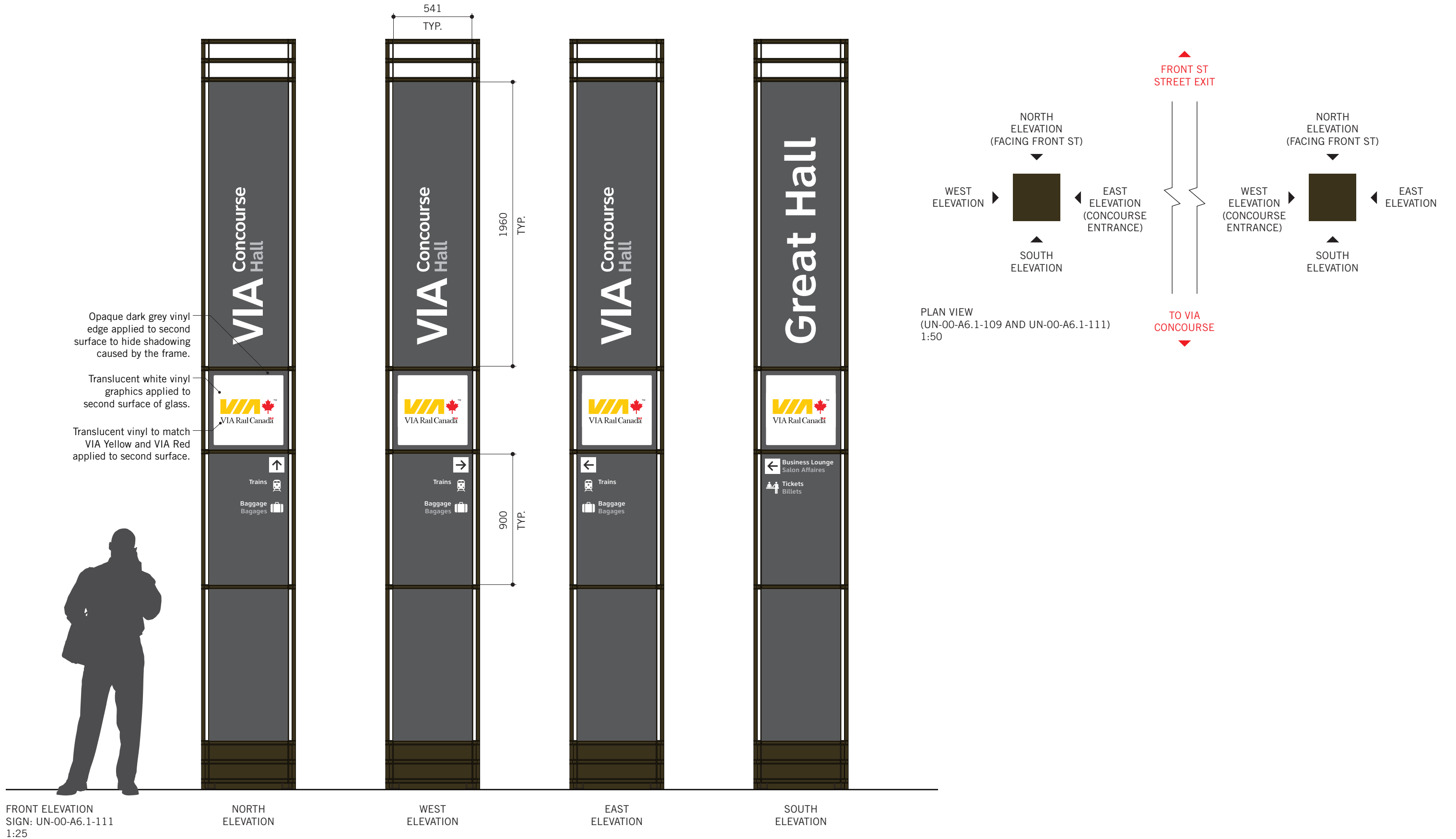
Sign A6.1 - Revised York Concourse Obelisk Design



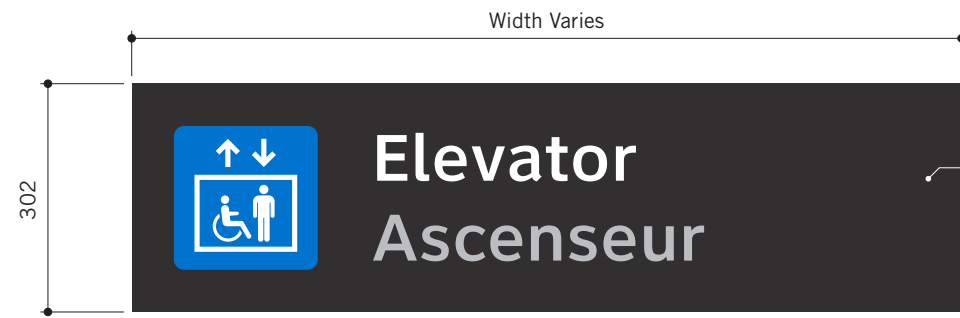
Sign A6.1 - Revised VIA Concourse Obelisks Design



Sign A6.1 - Revised VIA Concourse Obelisks Design

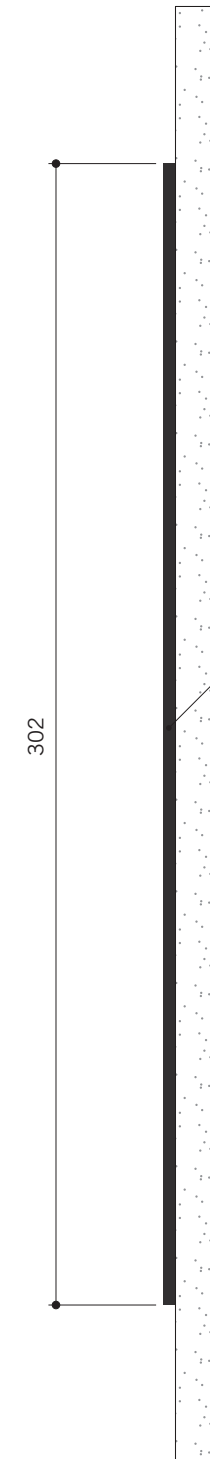






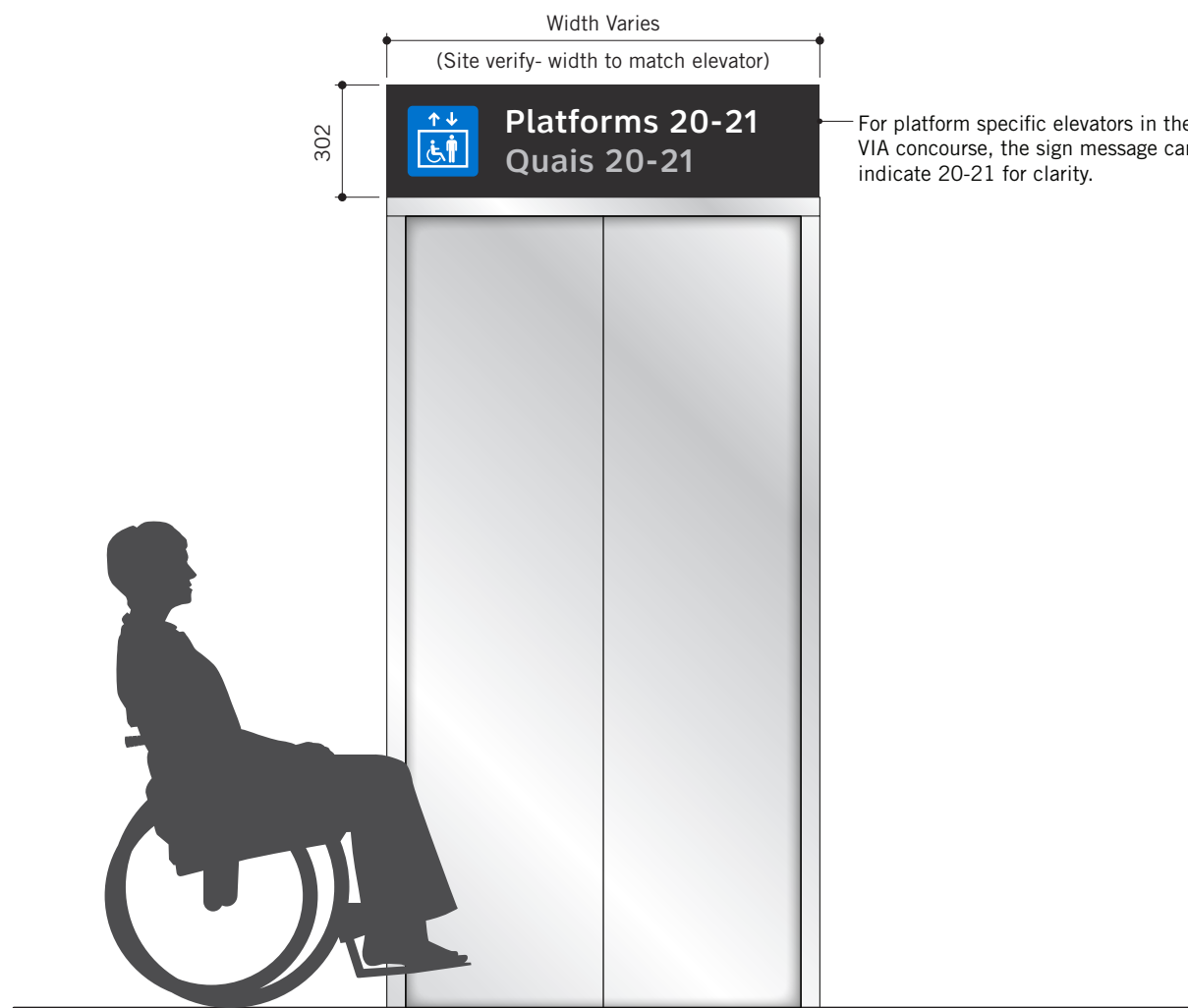
FRONT VIEW  
1:10

**Sign Panel:**  
6mm thick aluminium panel with  
digital print and vinyl graphics.

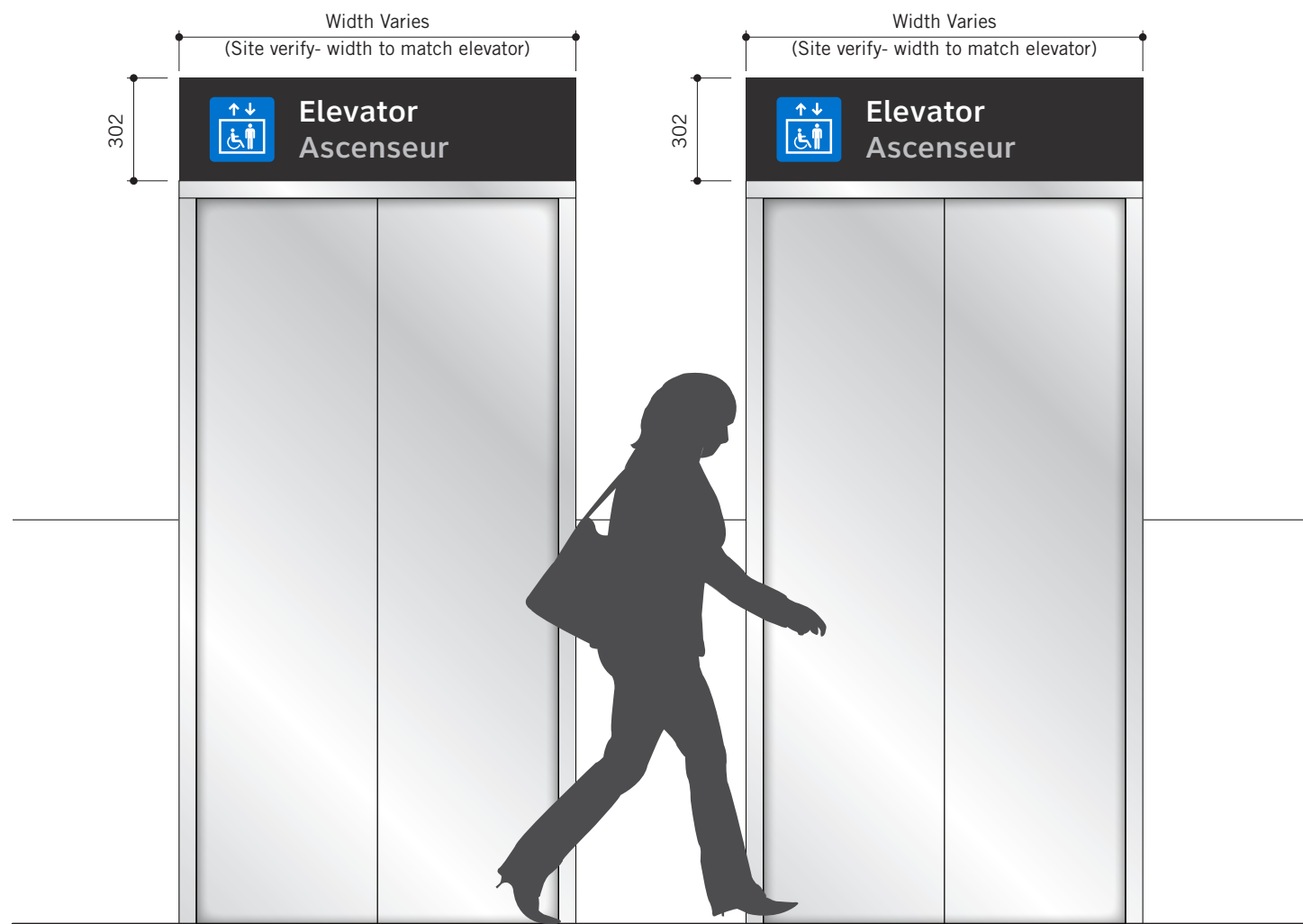


**Sign Panel:**  
6mm thick aluminium panel with  
digital print and vinyl graphics.  
Sign to be mounted as shown with D/S  
tape and silicone adhesive as required.

SECTION A  
1:2



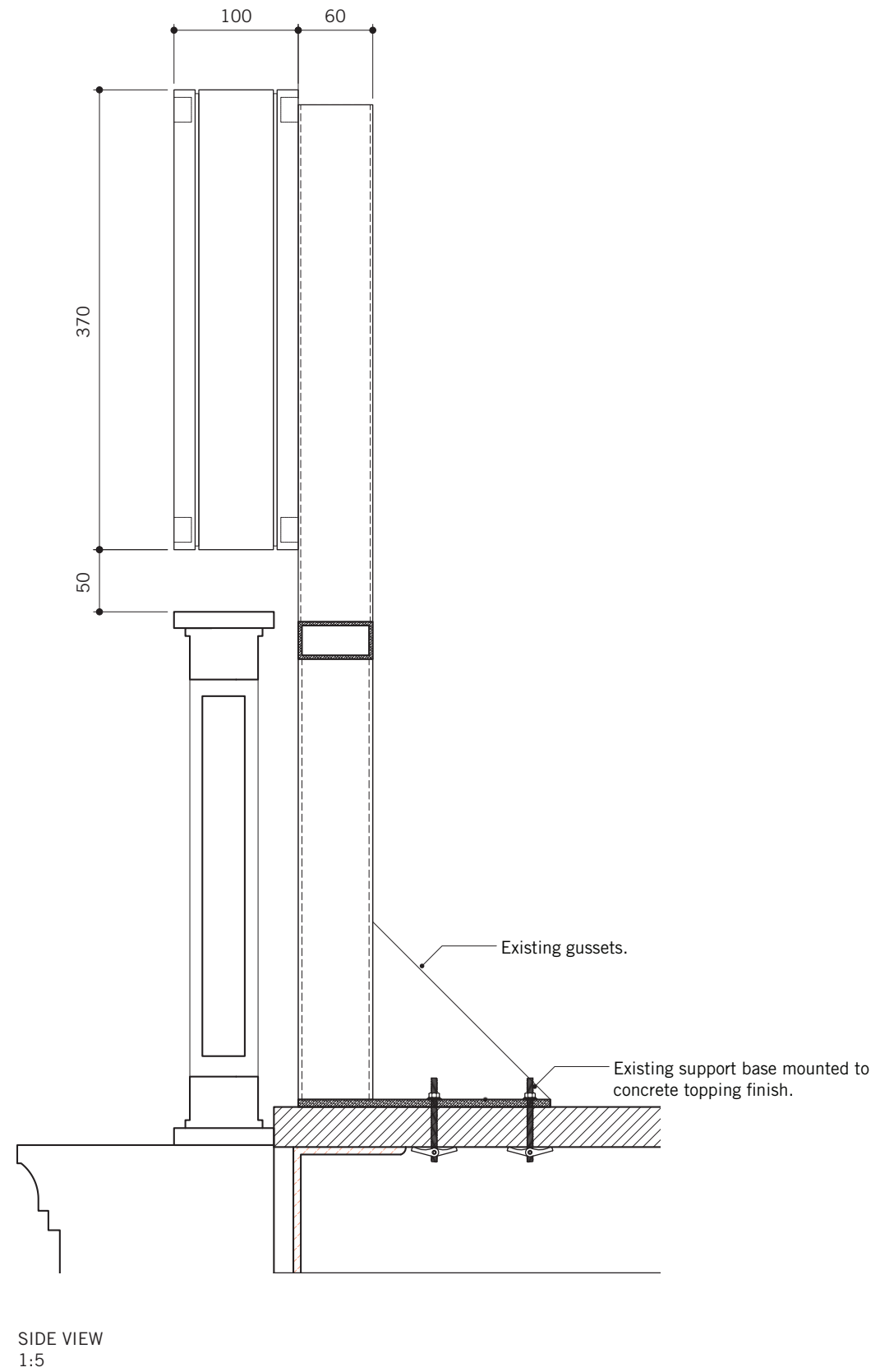
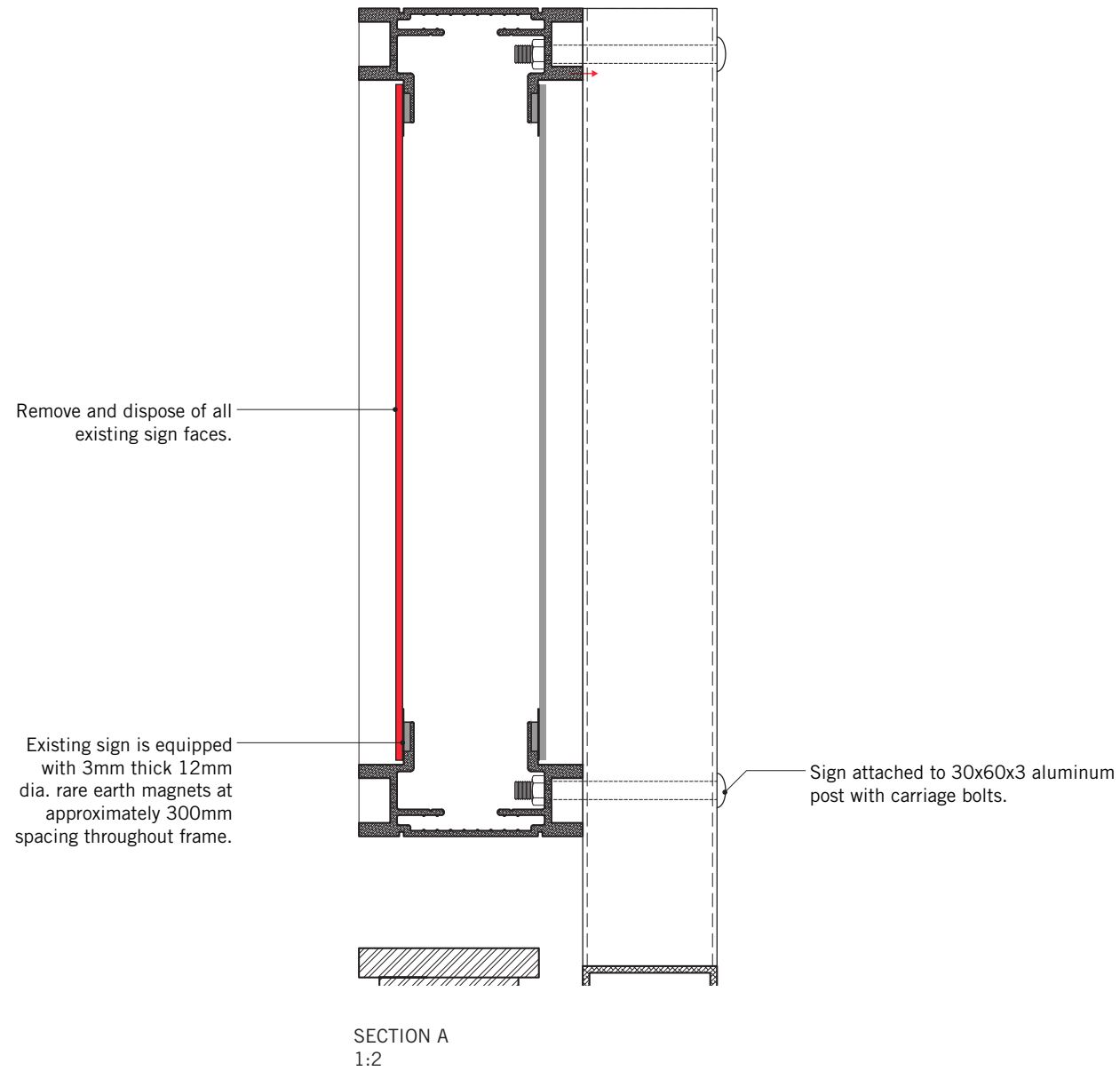
TYPICAL ELEVATION  
1:20



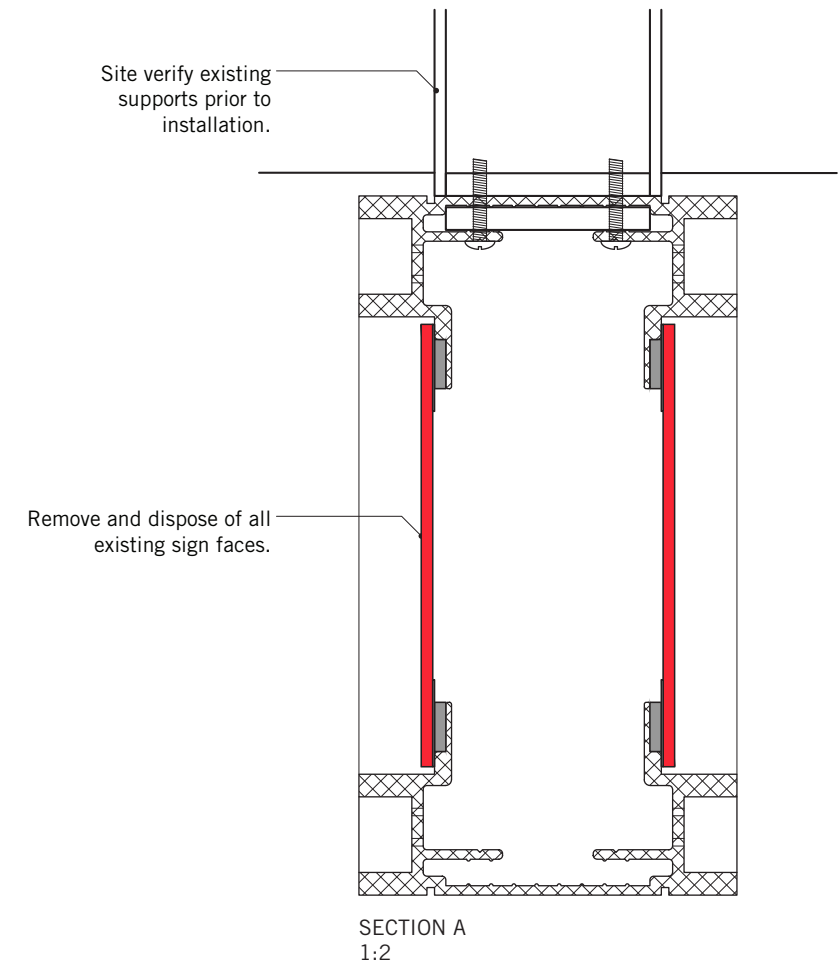
TYPICAL ELEVATION  
1:20



Sign A8.1 Removal Specifications

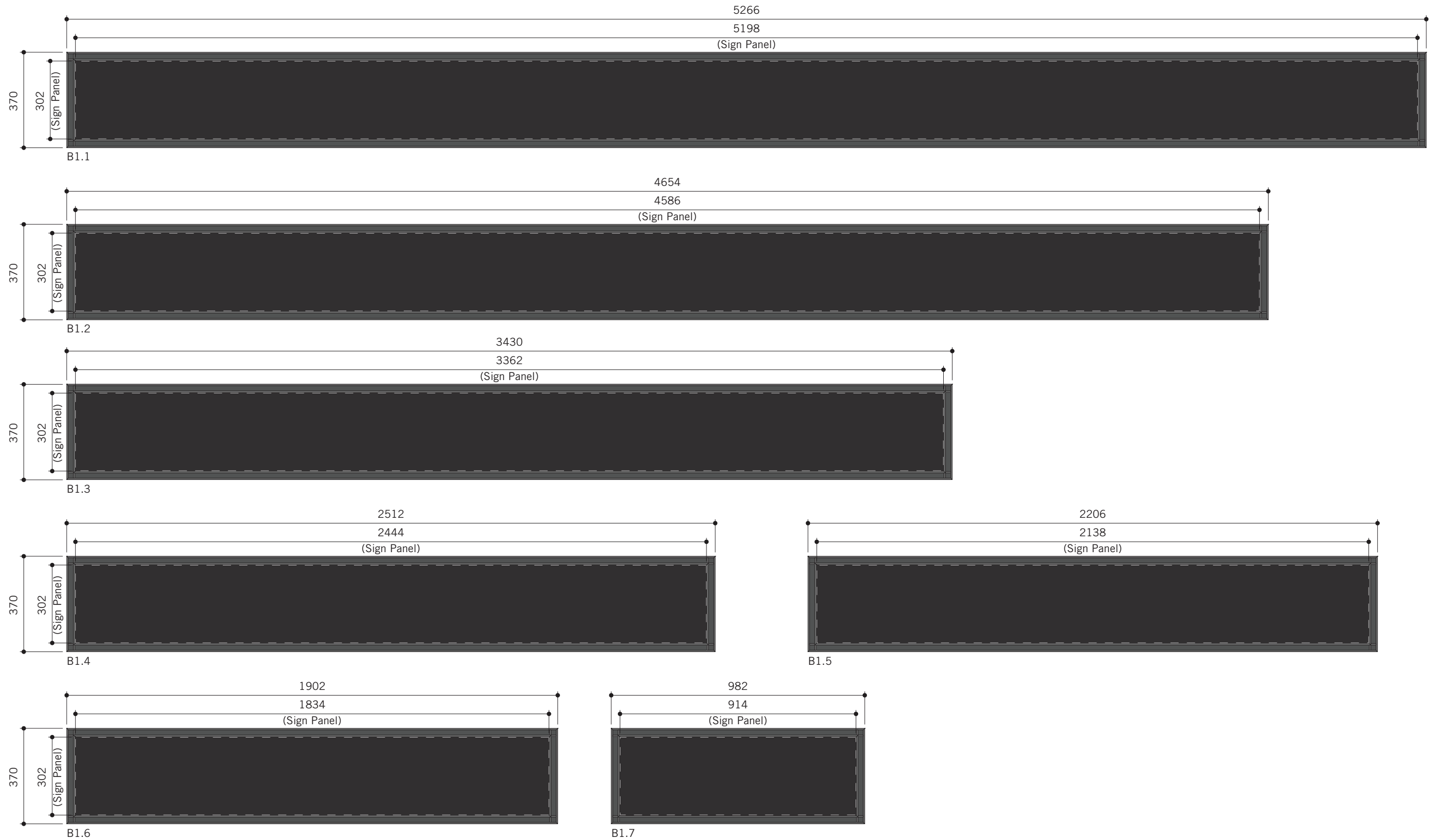


**Sign A8.2** Suspended Directional: Reduced Height

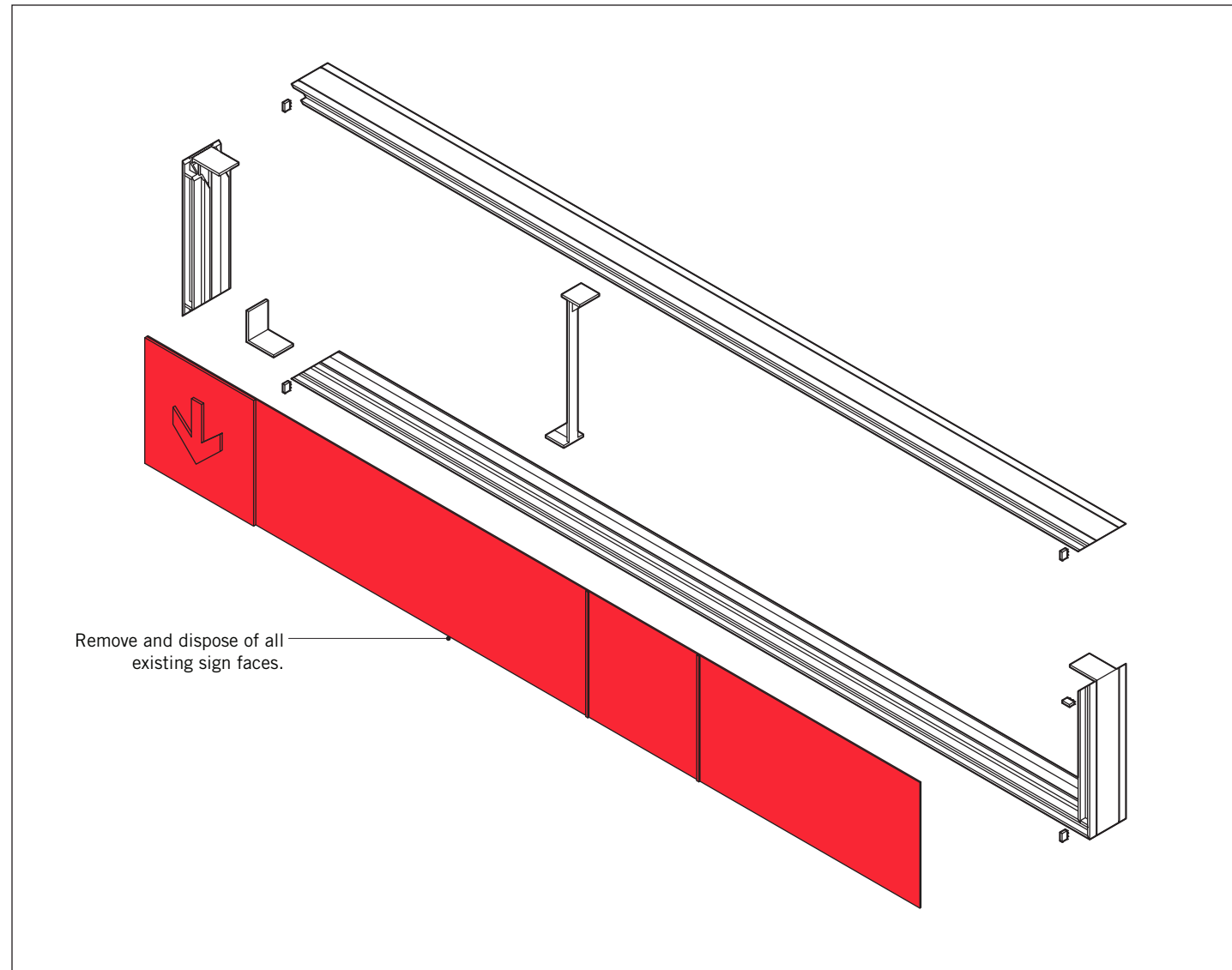


NORTH ELEVATION - FRONT STREET PROMENADE  
1:50

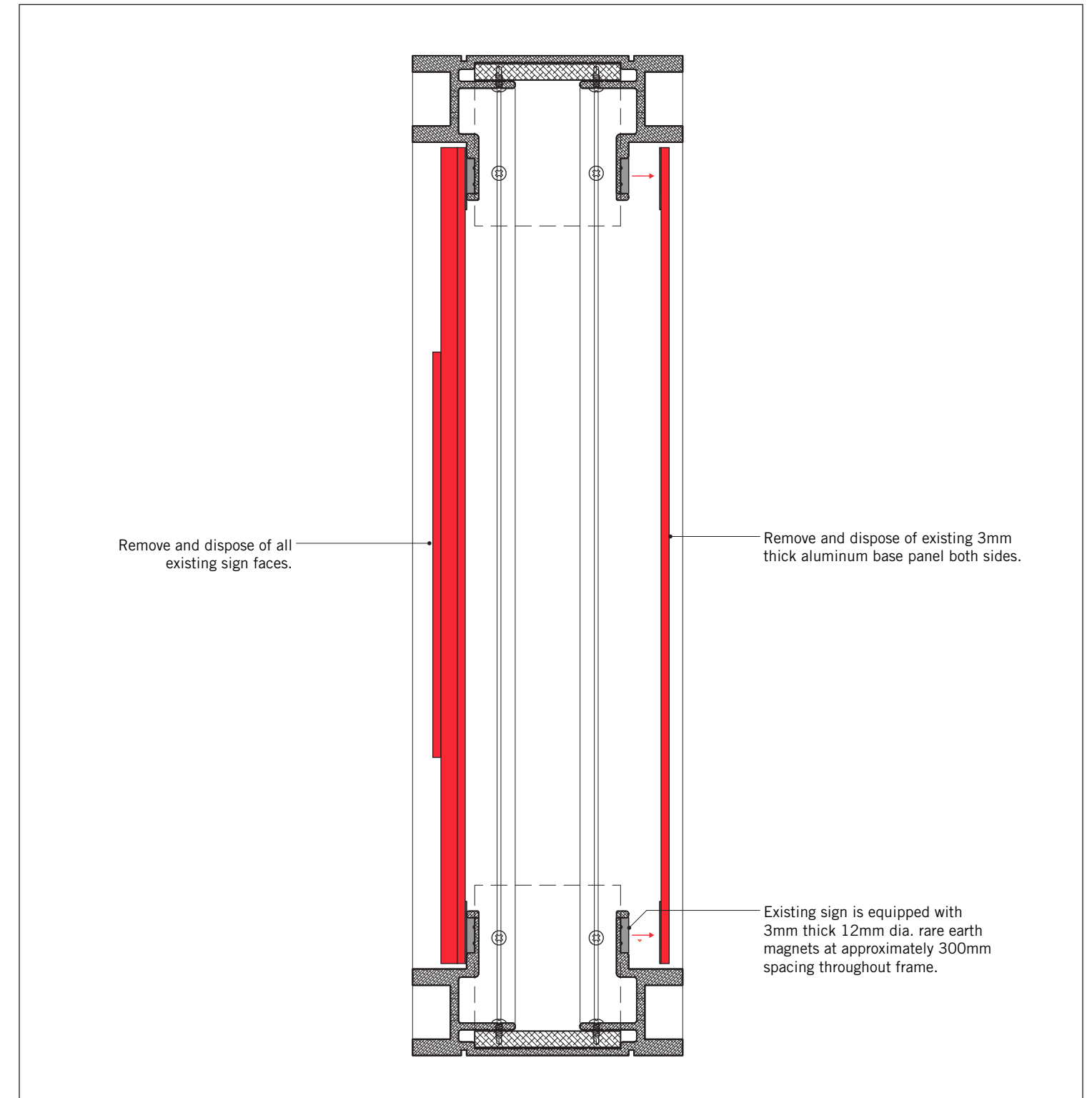
Sign B1 Suspended Directional: Types and Sizes



Sign B1 Suspended Directional: Removal Specifications

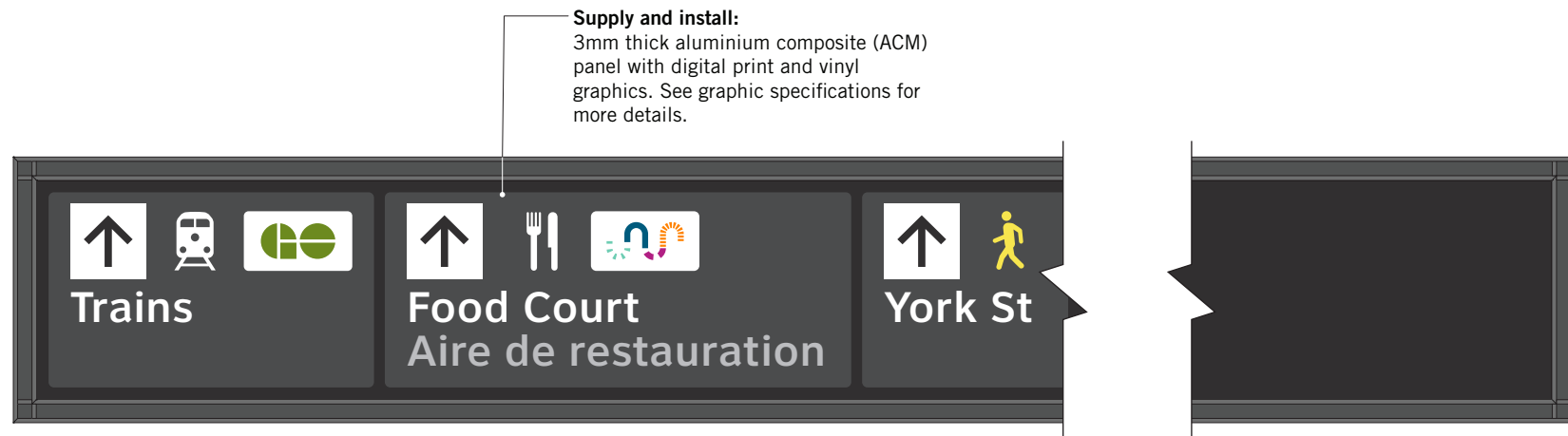


EXPLODED VIEW - ISOMETRIC  
N.T.S

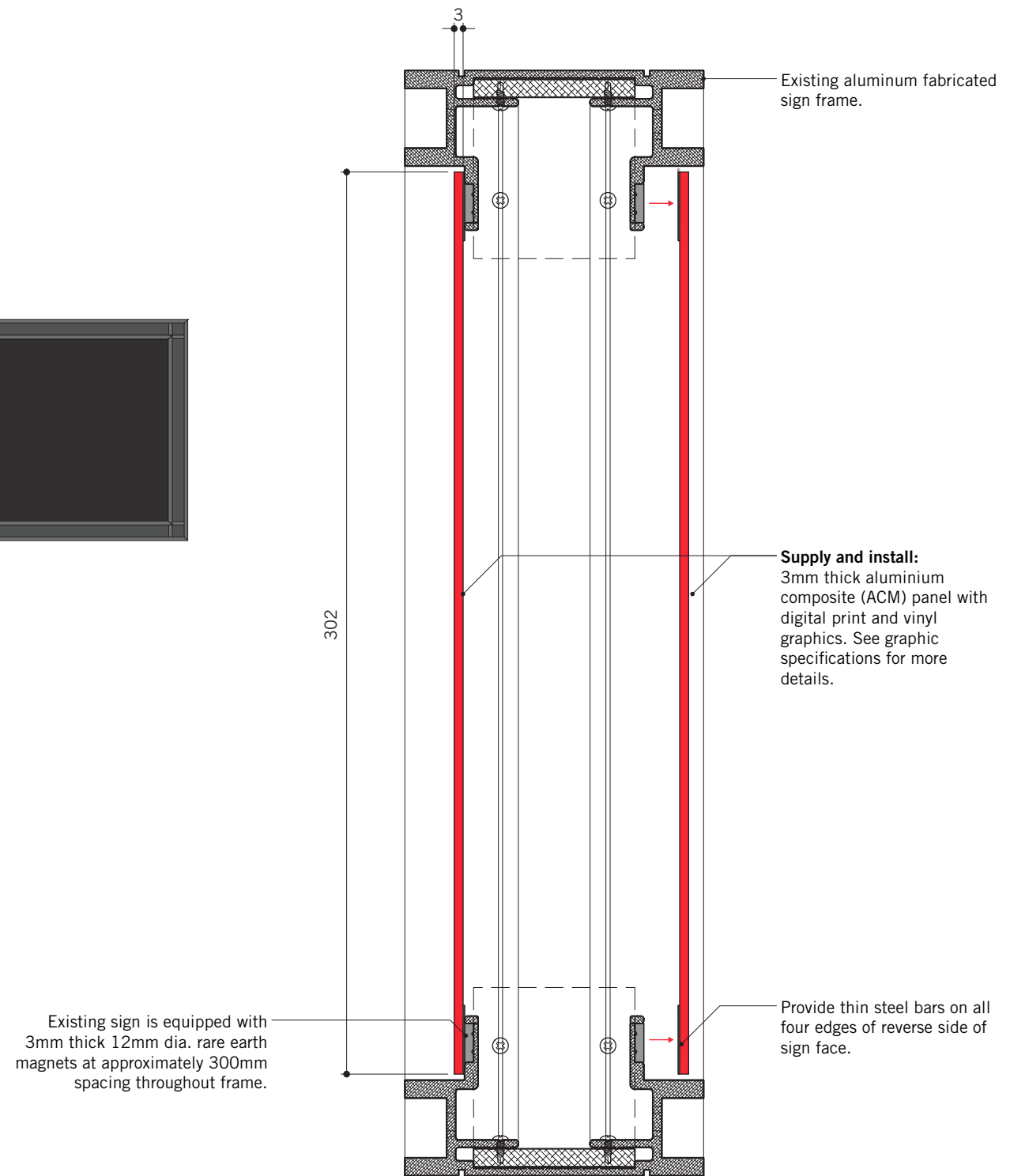


TYPICAL SECTION  
1:2

Sign B1 Suspended Directional: Panel Specifications



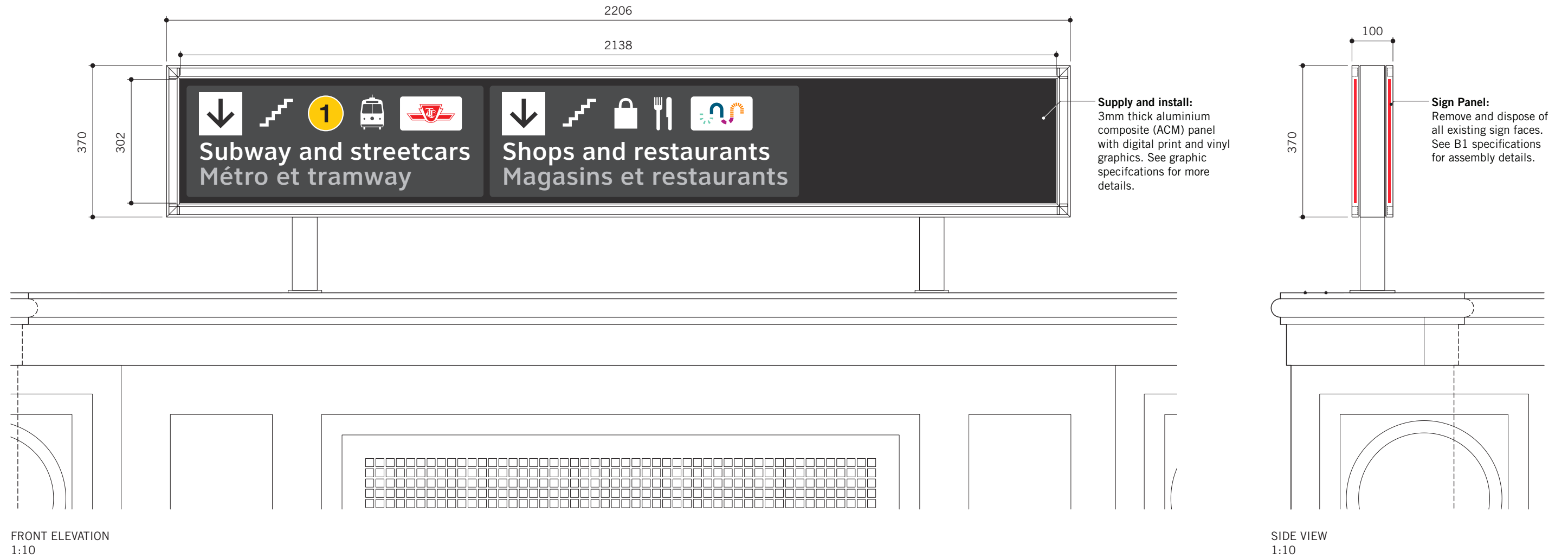
TYPICAL MESSAGE PANEL (ALL B1 SIGNTYPES)  
1:10



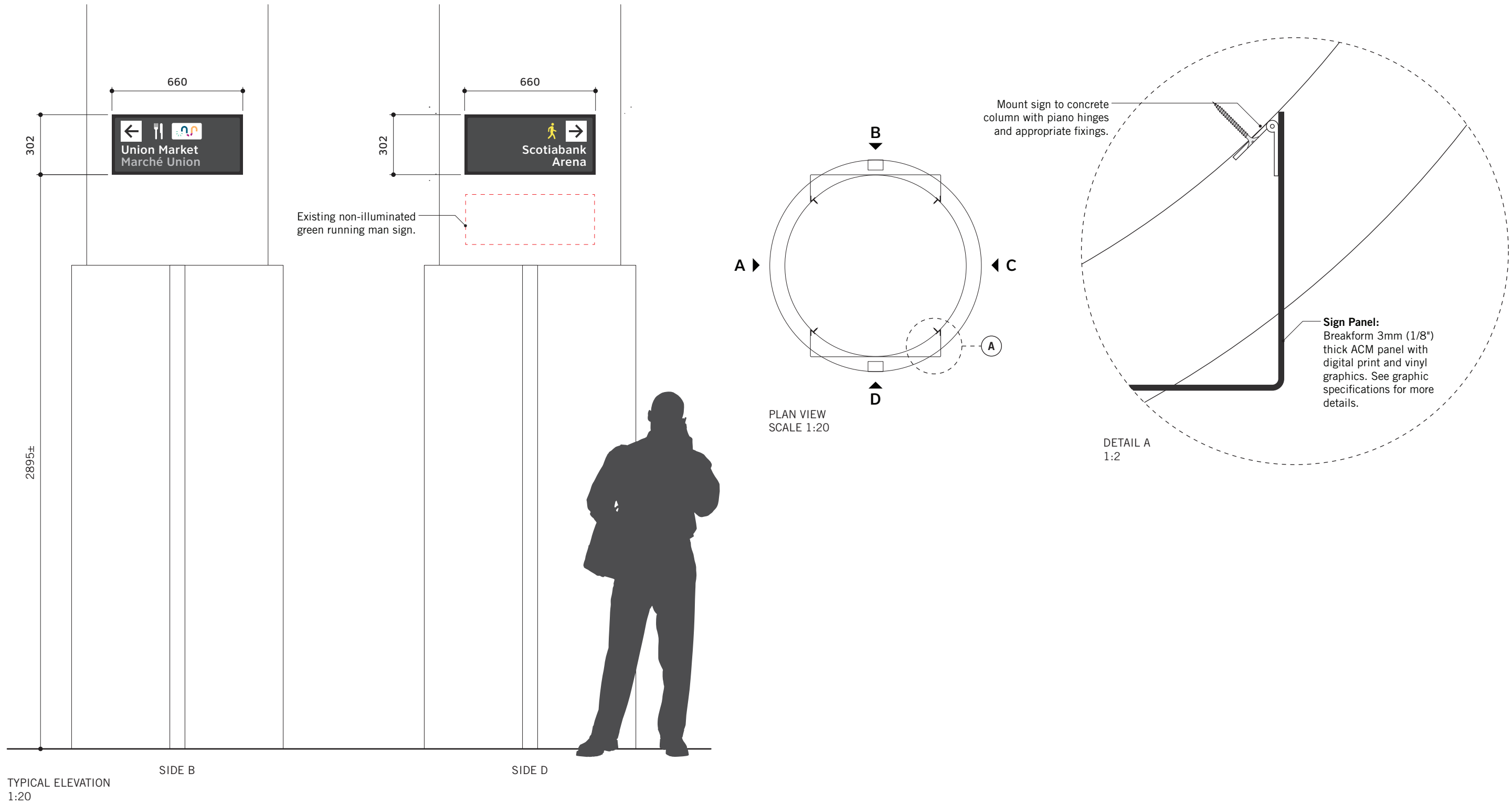
TYPICAL CROSS SECTION  
1:15



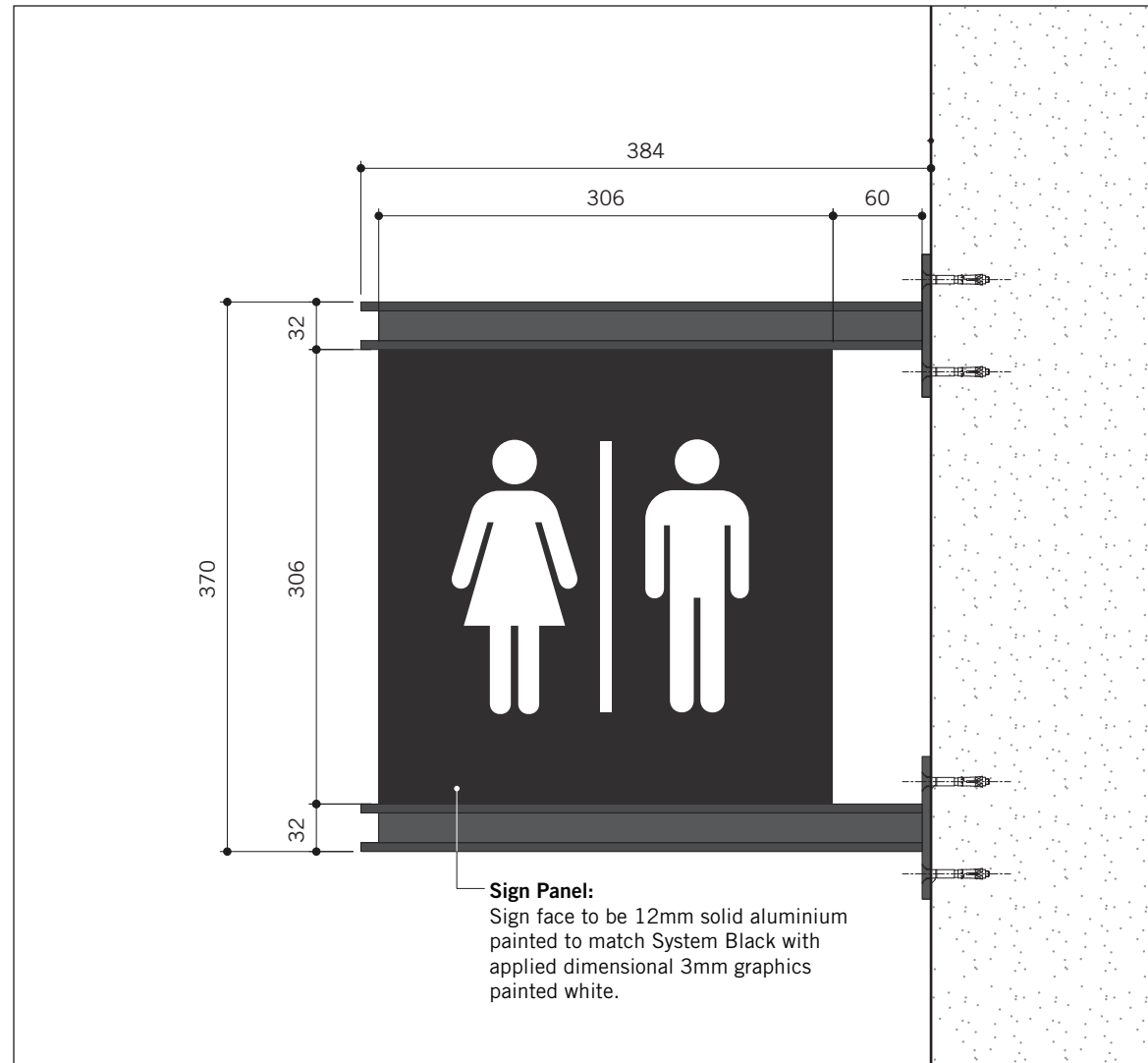
Sign B2.1 Freestanding Directional: Details



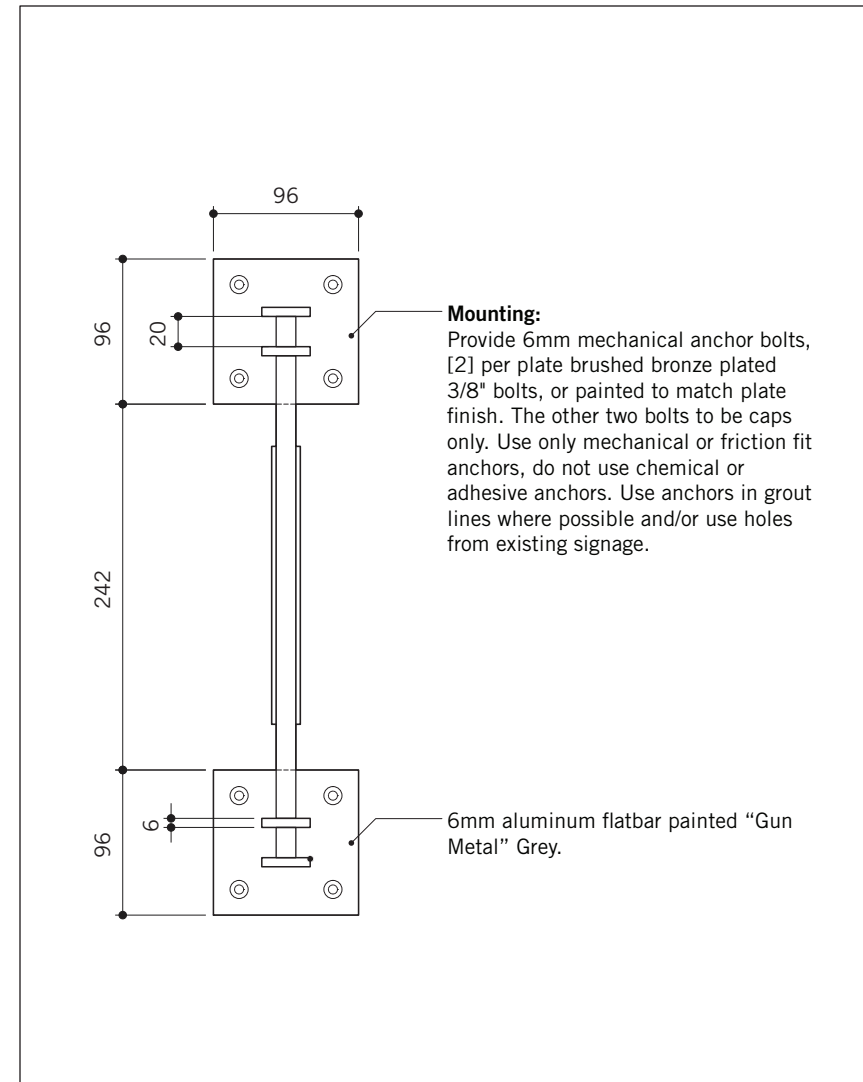
Sign B6.1 Column Directional



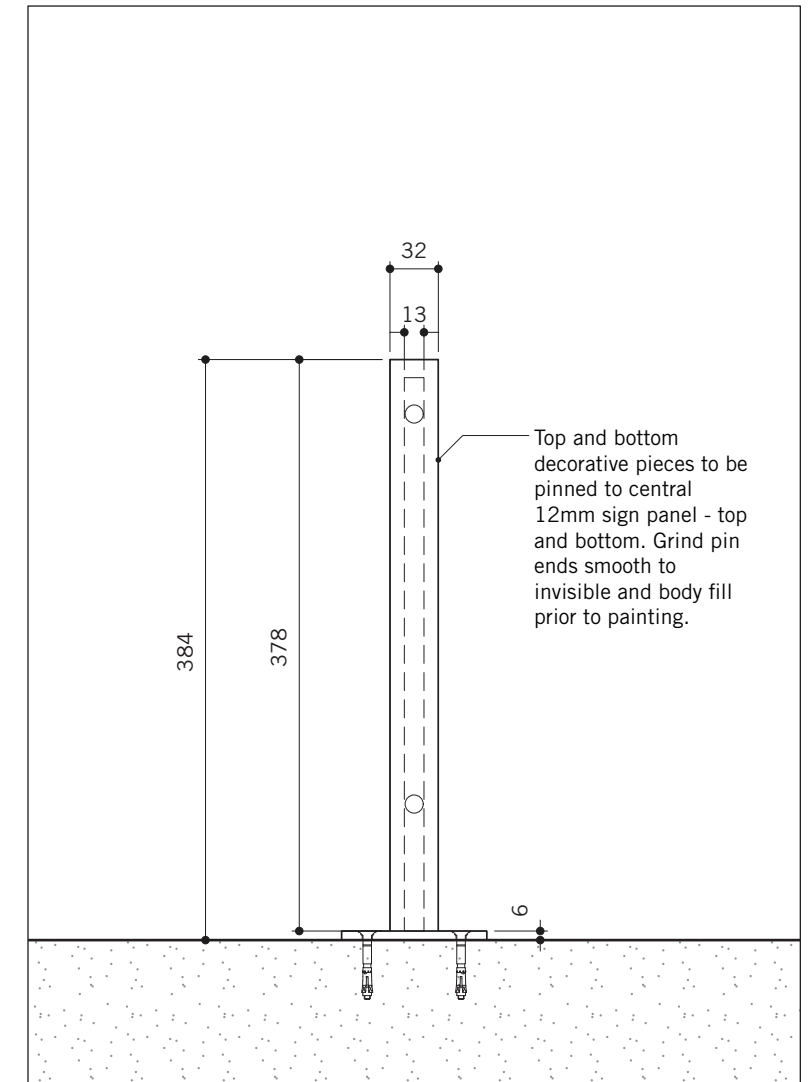
Sign H1.1 Amenity Projecting



FRONT ELEVATION  
1:5

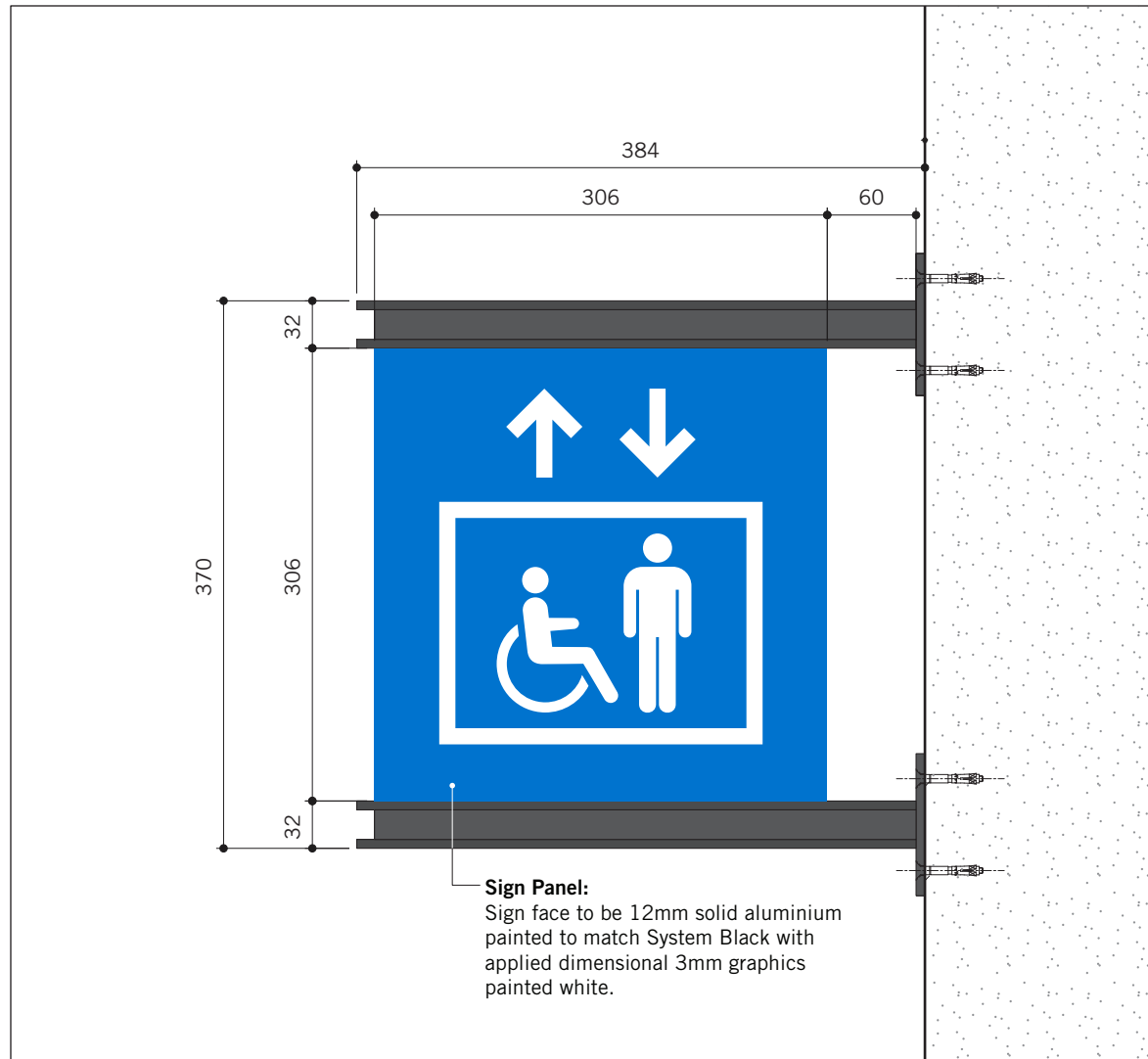


SECTION  
1:5

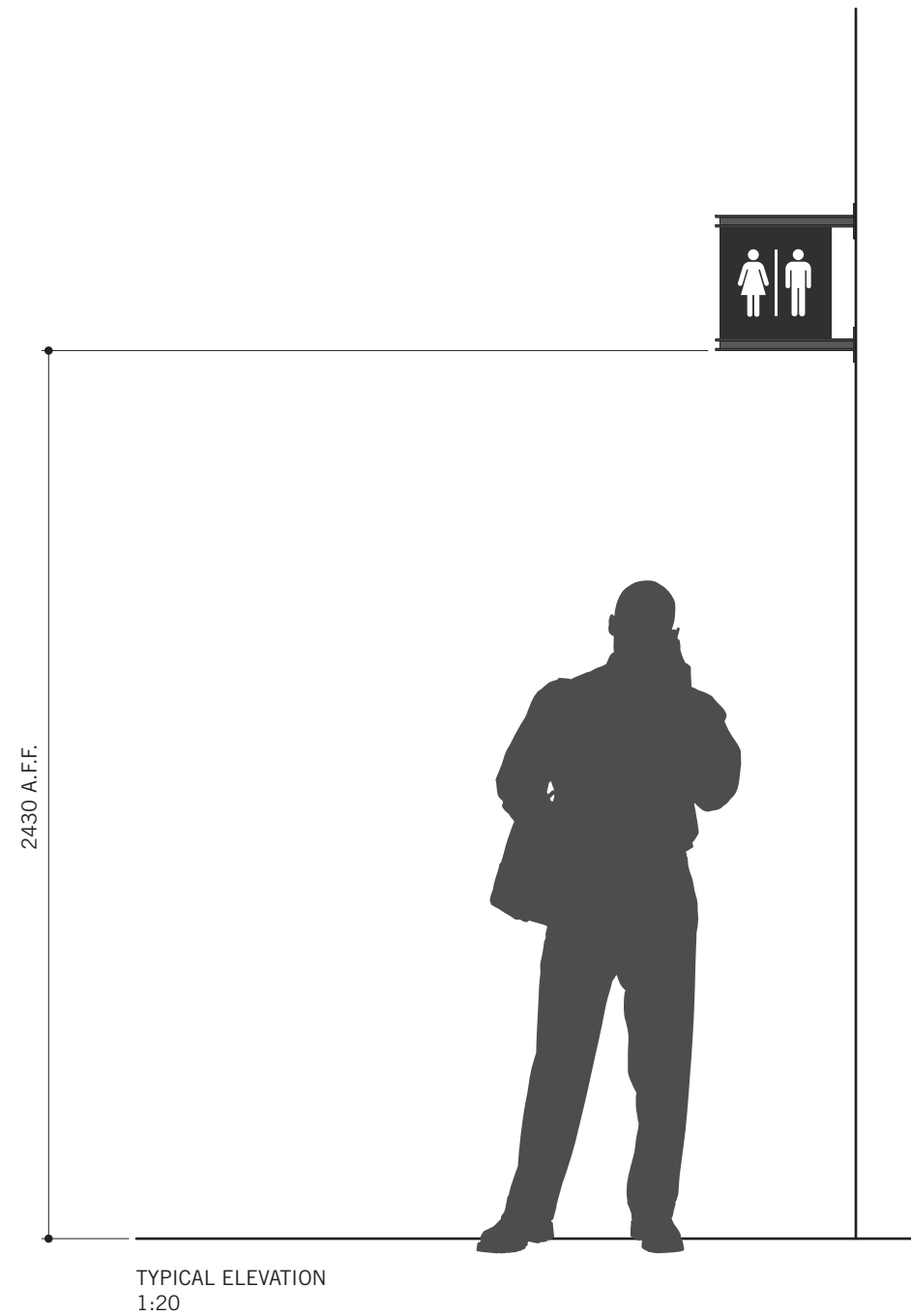


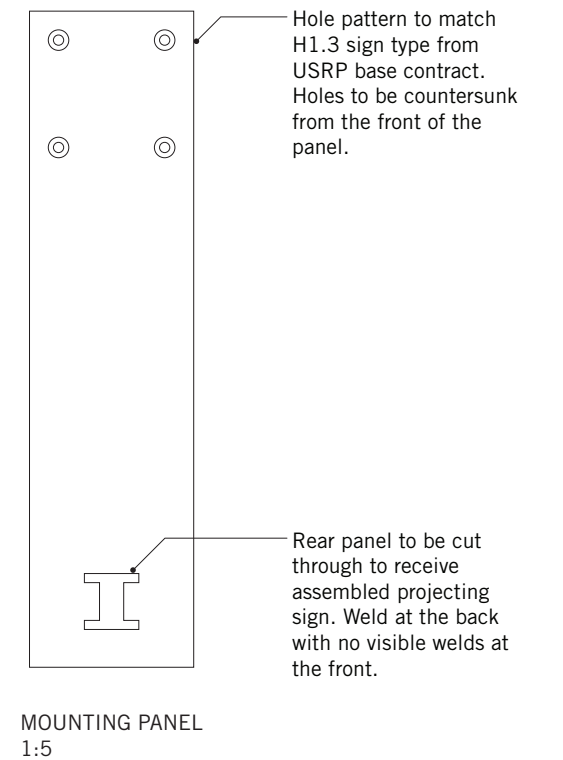
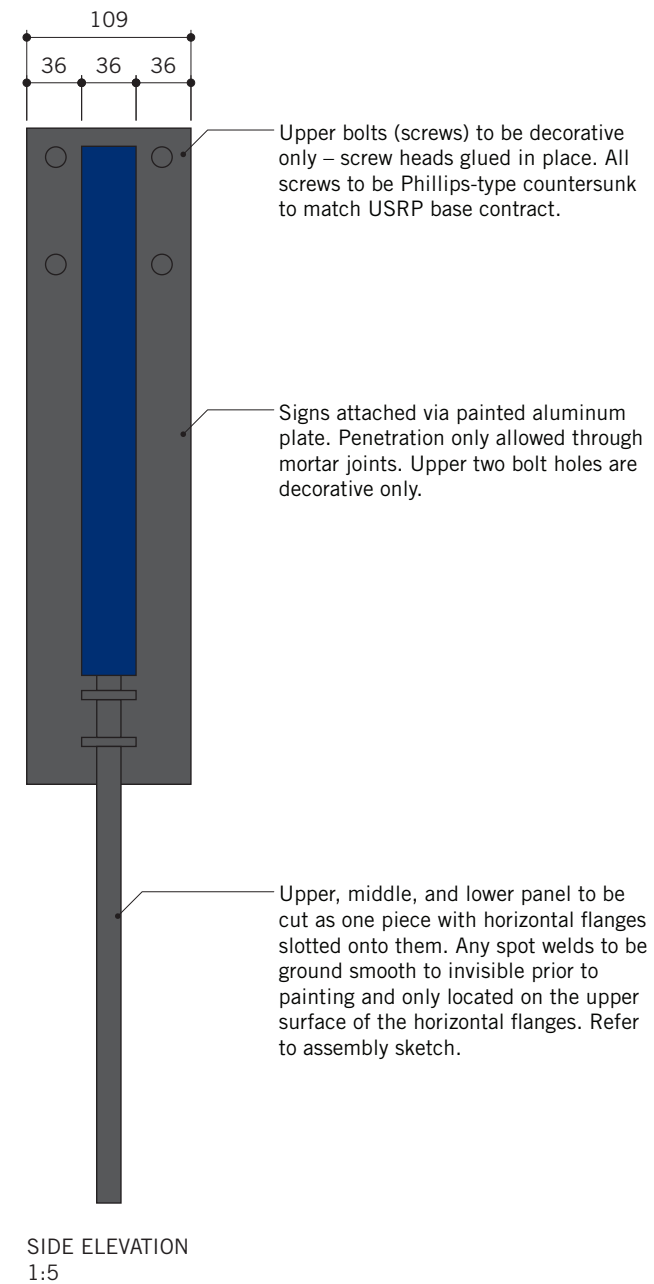
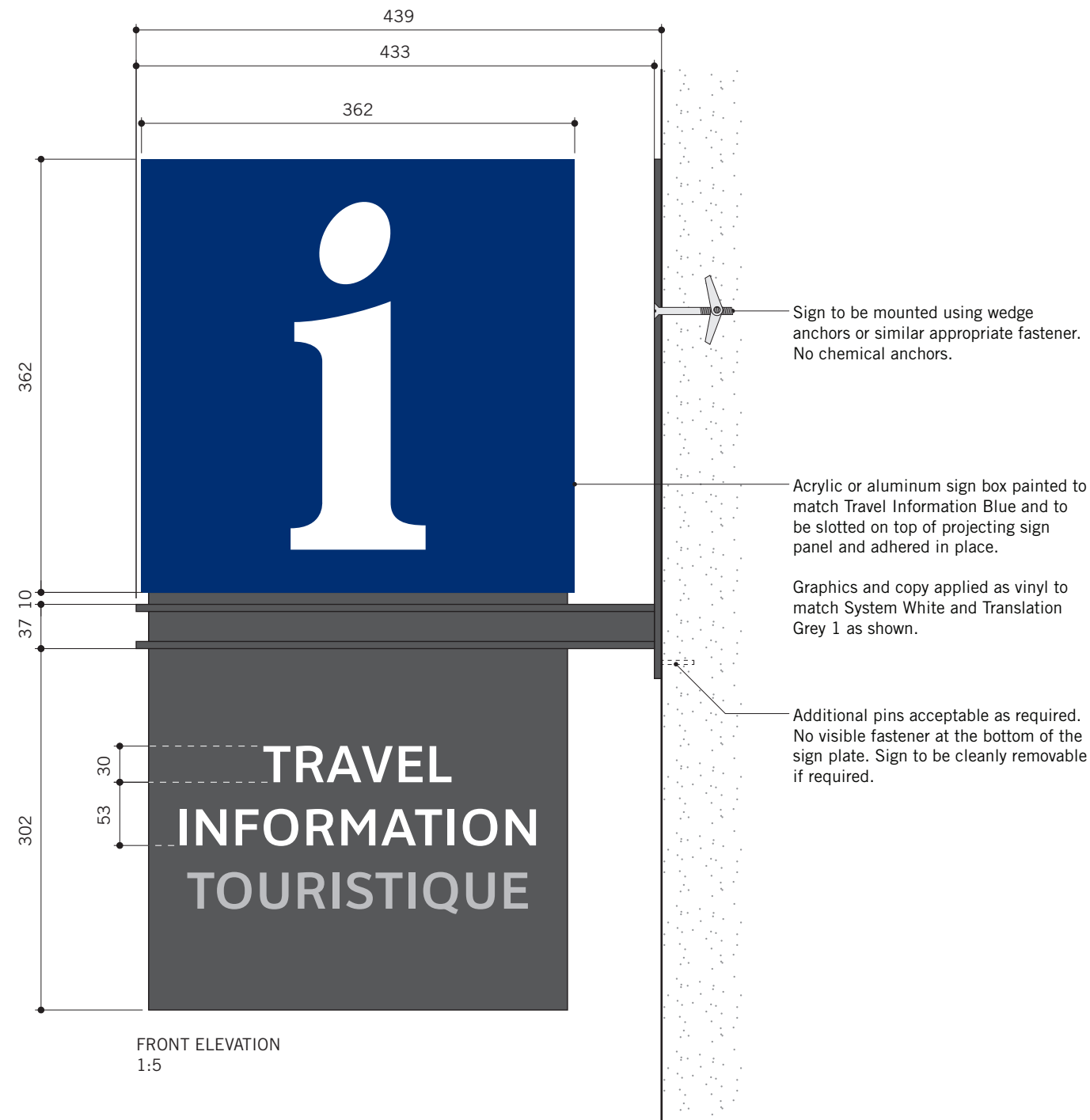
PLAN VIEW  
1:5

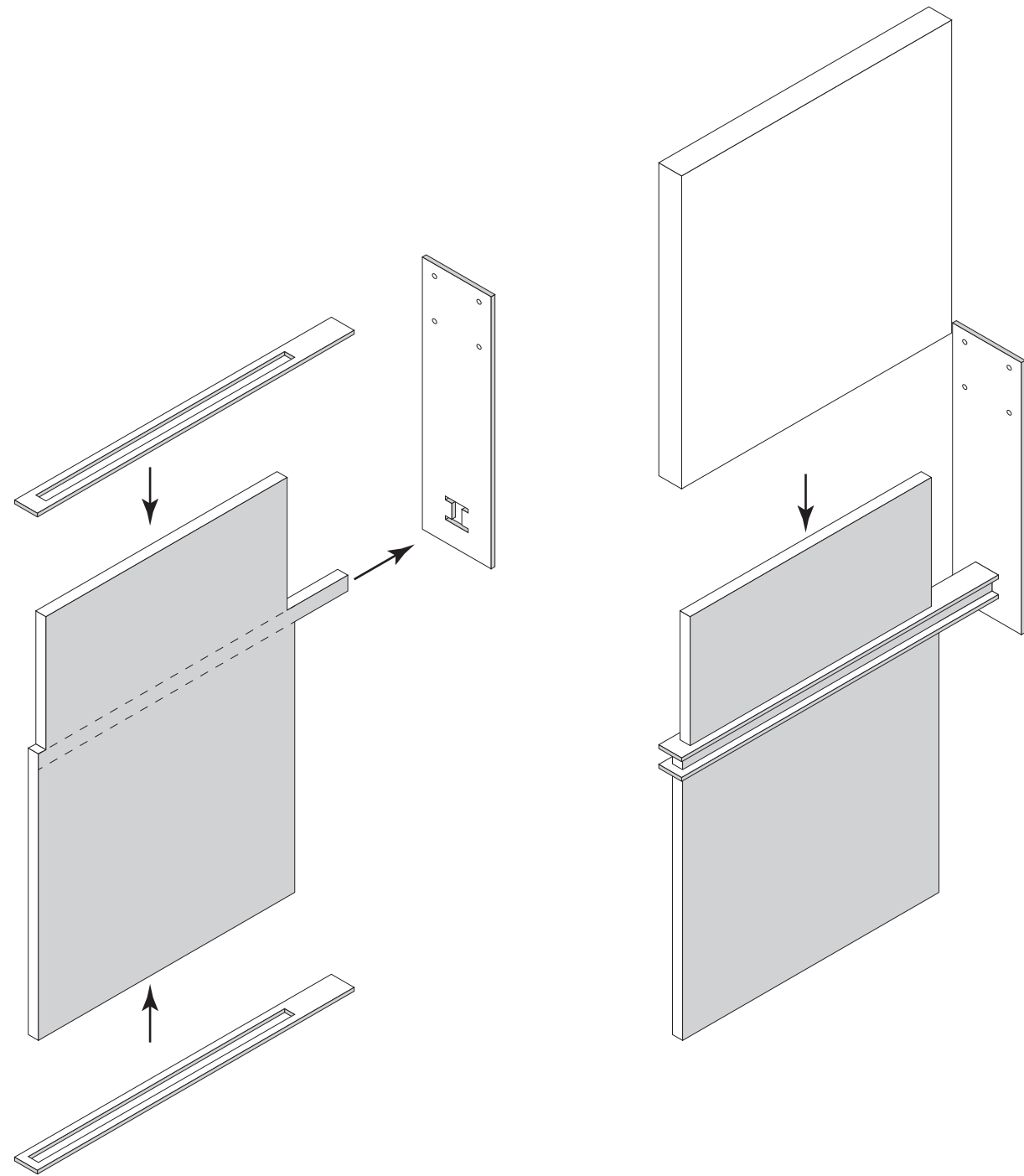
Sign H1.1 Amenity Projecting



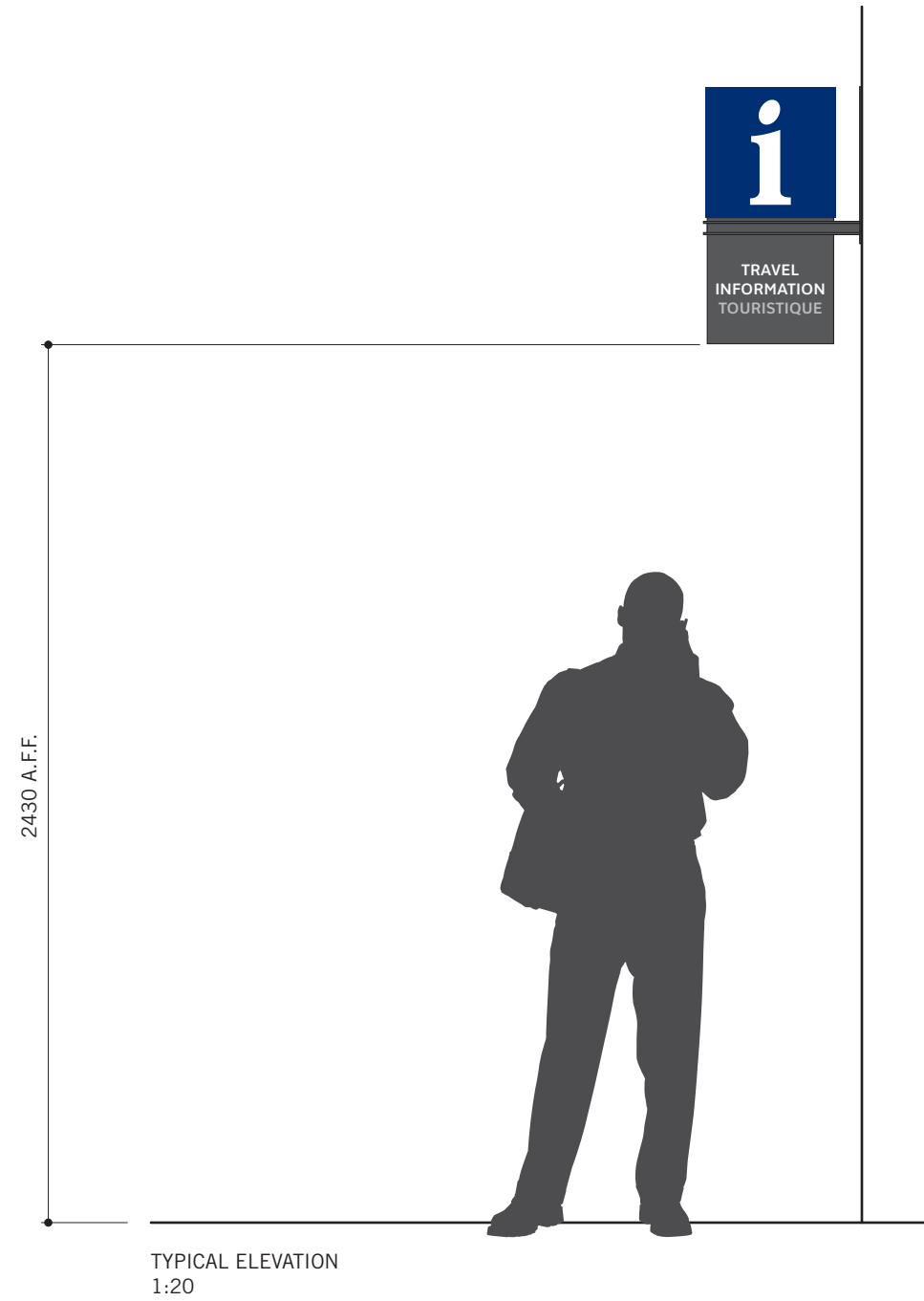
FRONT ELEVATION - ELEVATOR VARIATION  
1:5



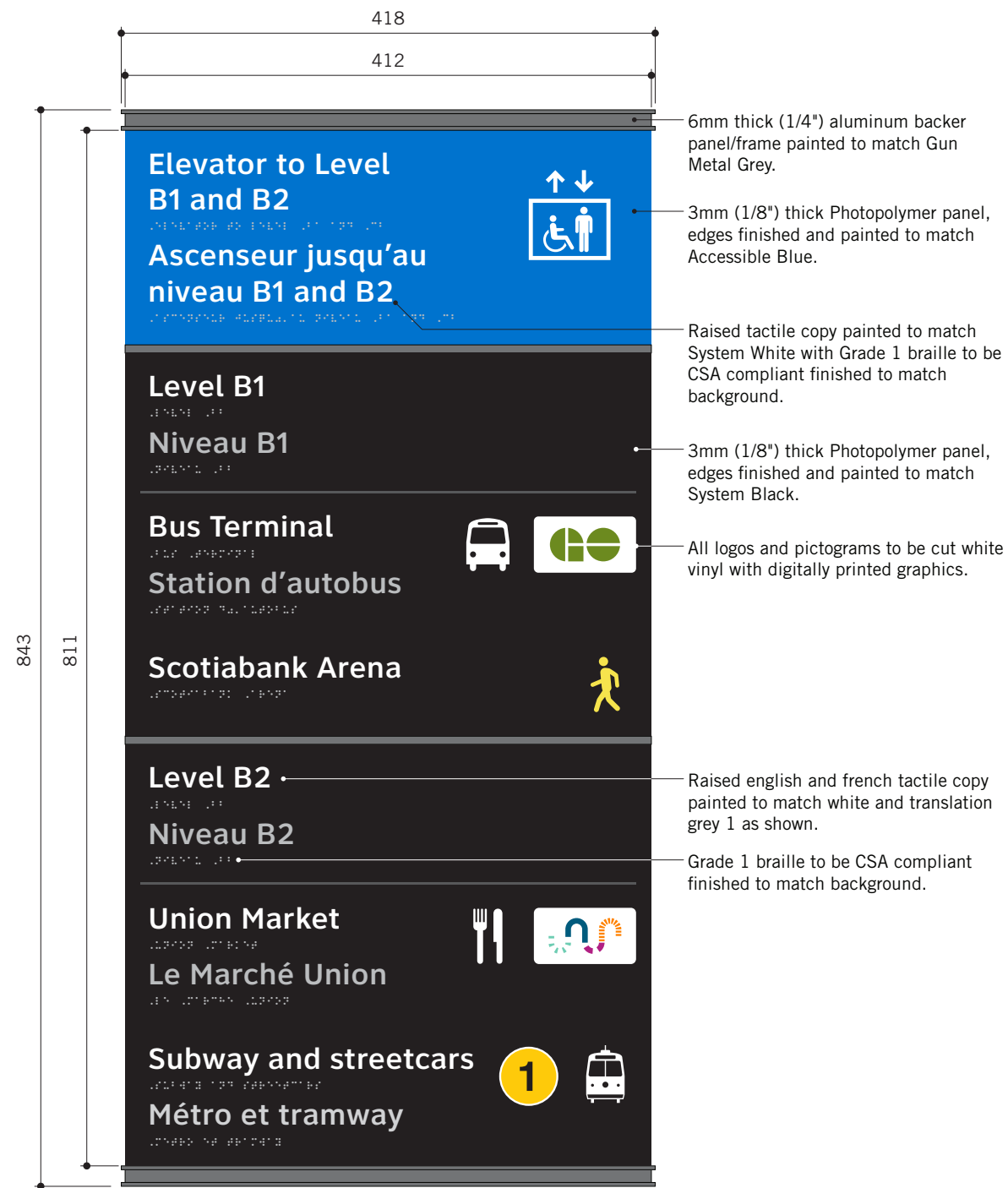




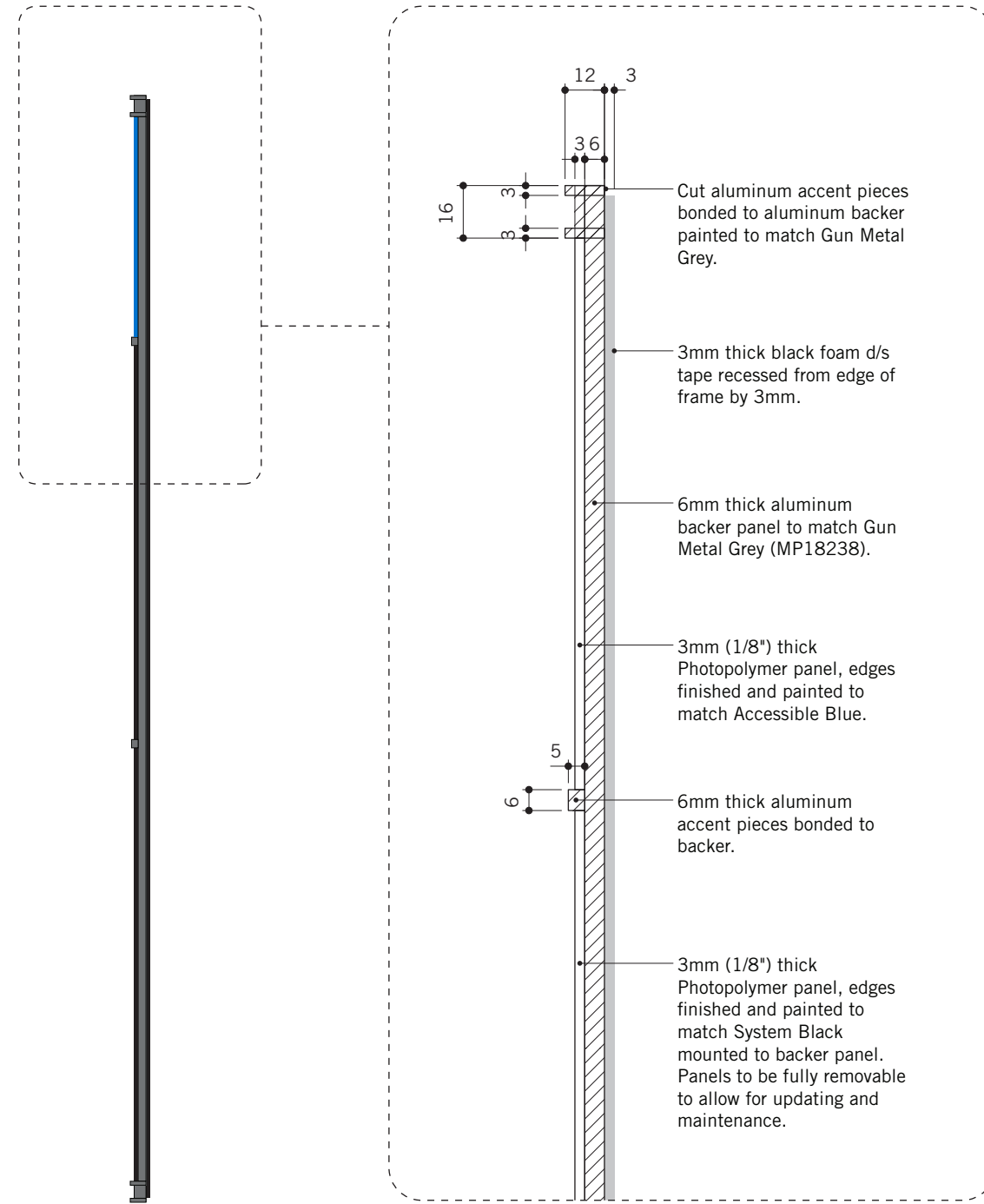
ASSEMBLY ISOMETRIC  
N.T.S.



Sign G3.1 Elevator Directory



FRONT VIEW  
SIGN: UN-C2-G3.1-037  
1:5

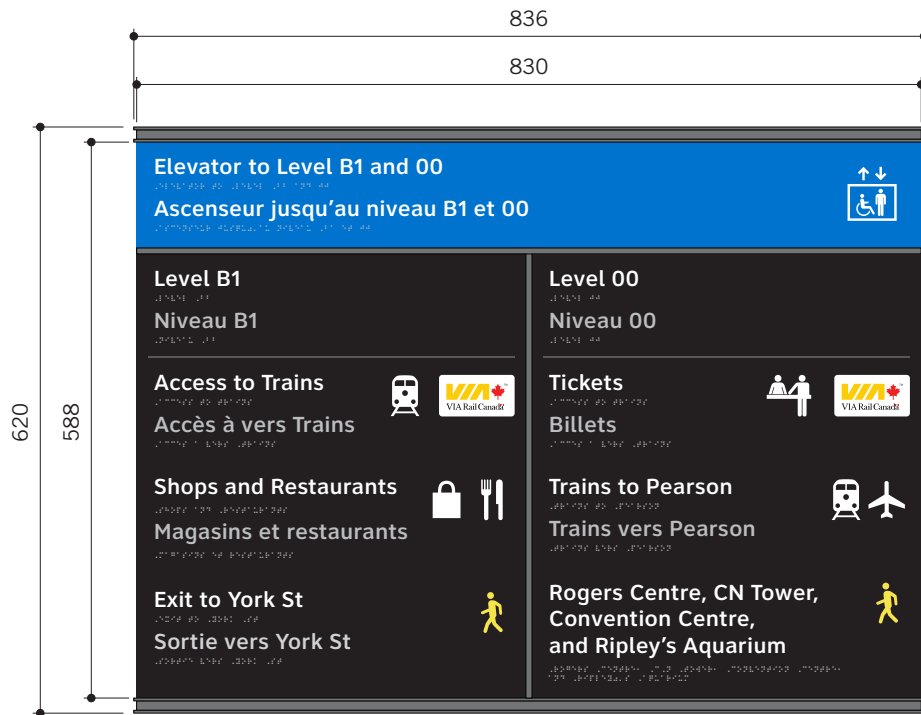


SIDE VIEW  
1:5

DETAIL  
1:2

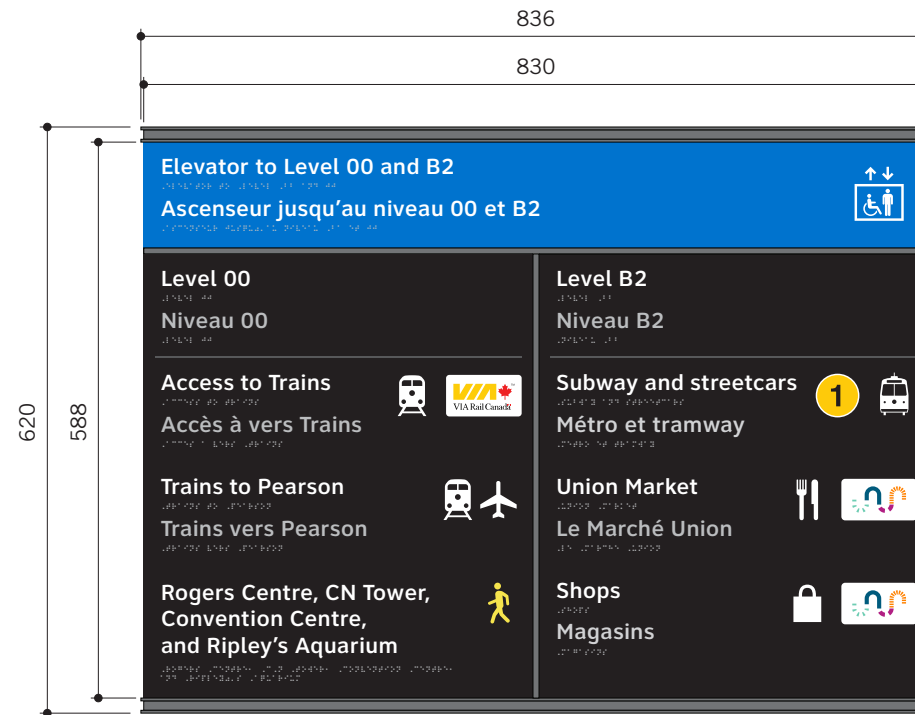
Sign G3.1 Elevator Directory - Elevator 12

LEVEL B2  
BAY STREET PROMENADE



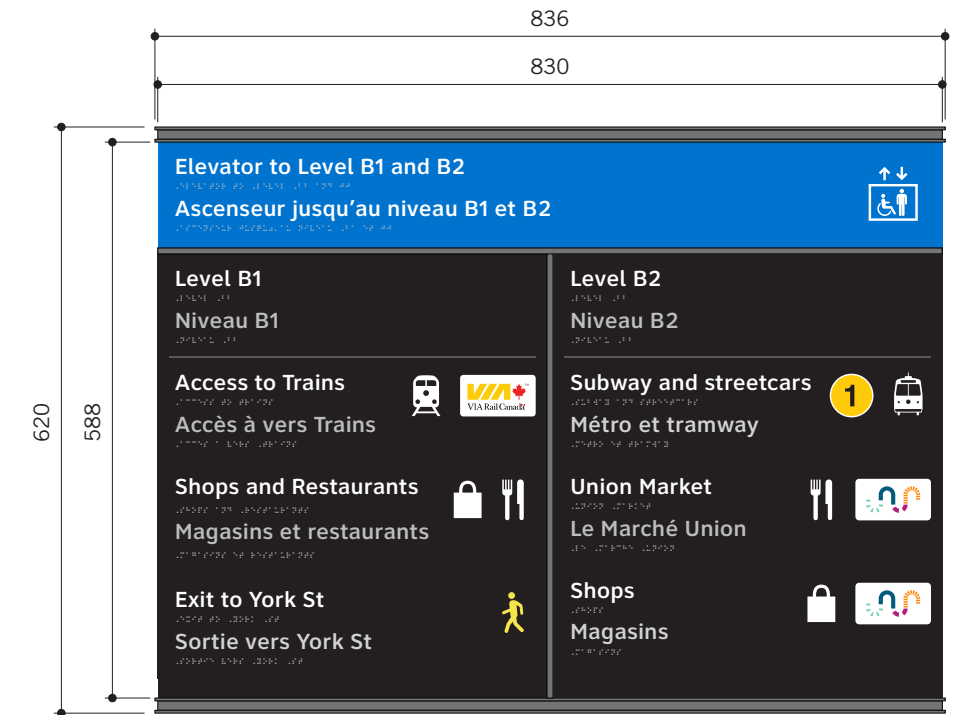
SIGN: UN-B2-G3.1-214  
1:8

LEVEL B1  
FRONT STREET PROMENADE



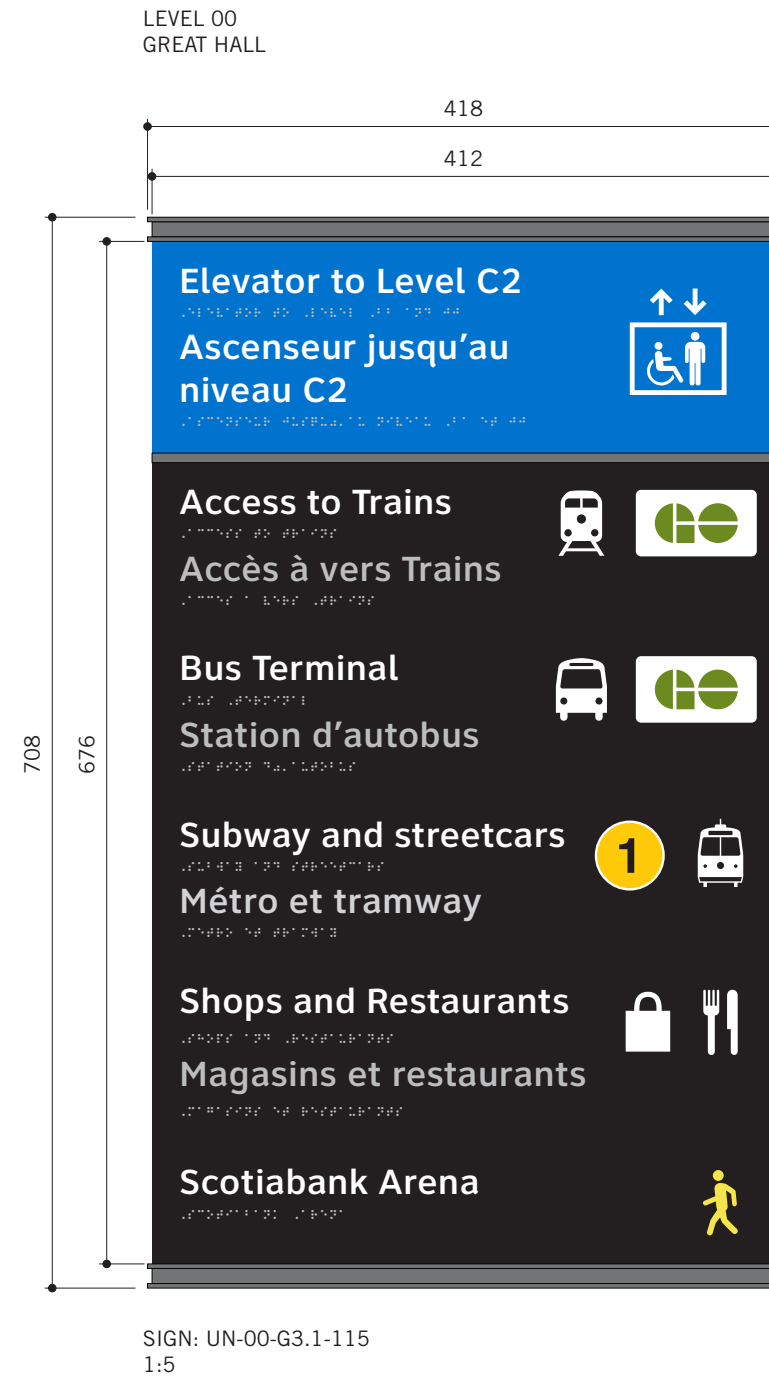
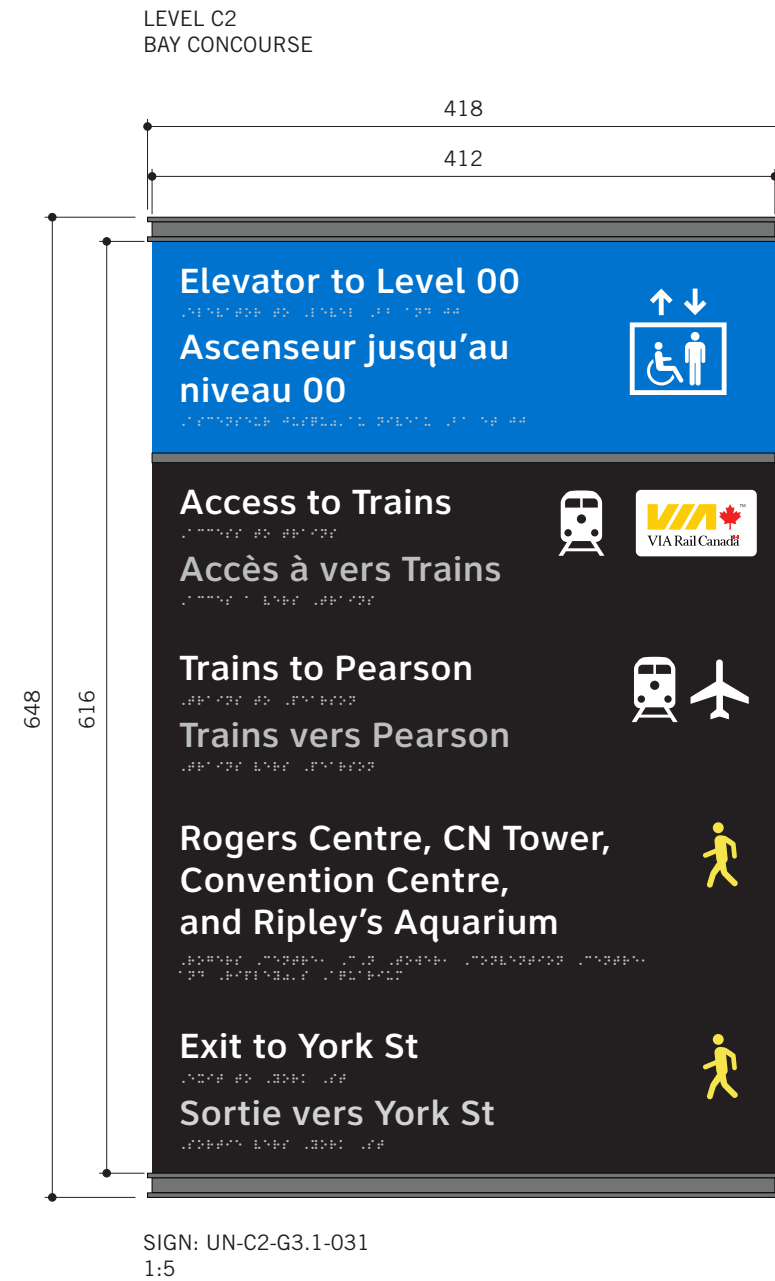
SIGN: UN-B1-G3.1-112  
1:8

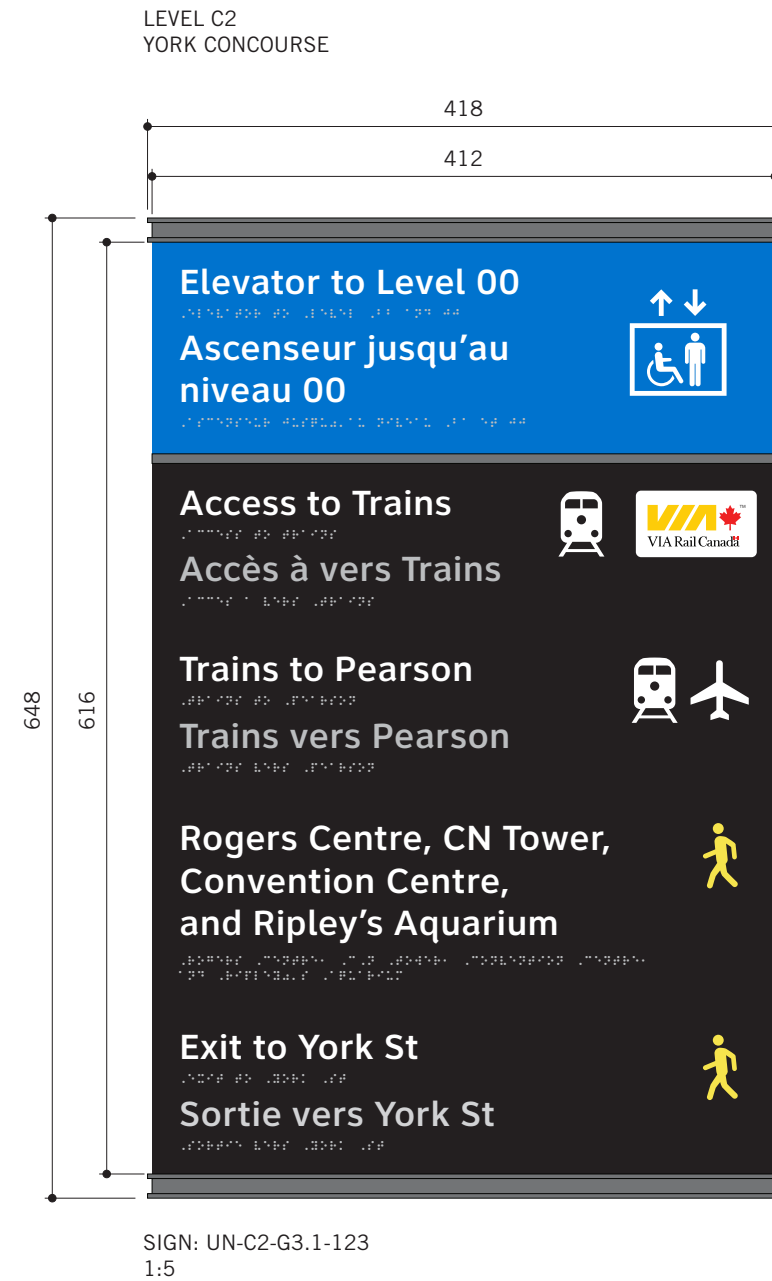
LEVEL 00  
EAST WING



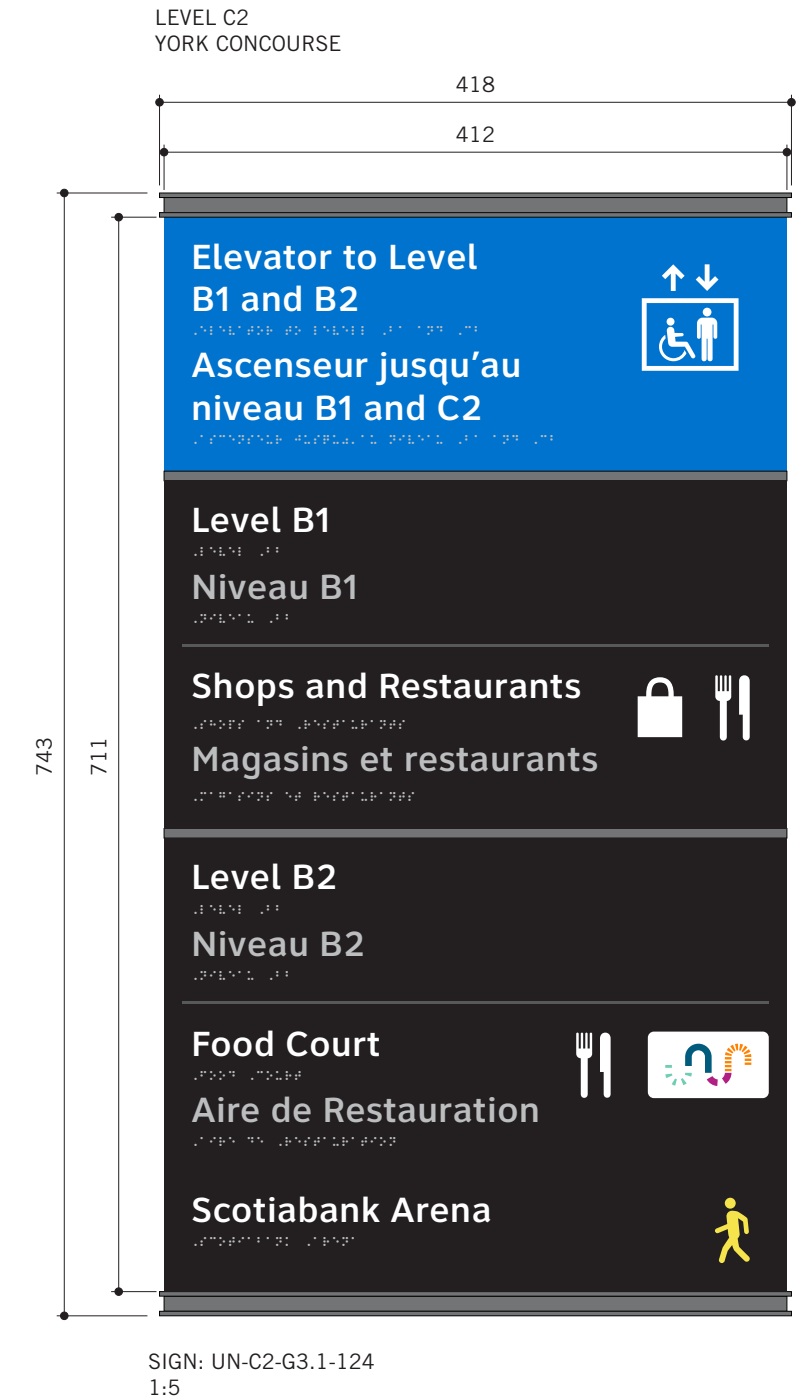
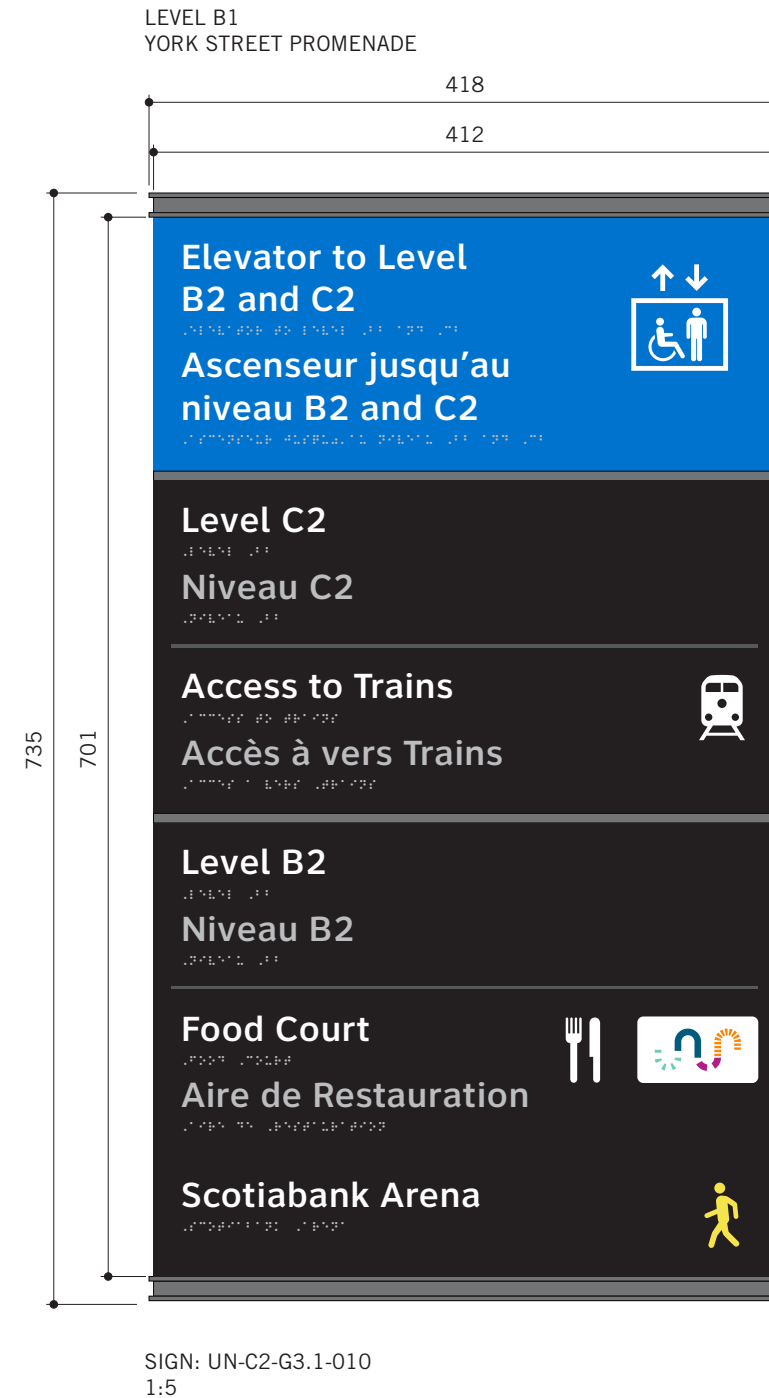
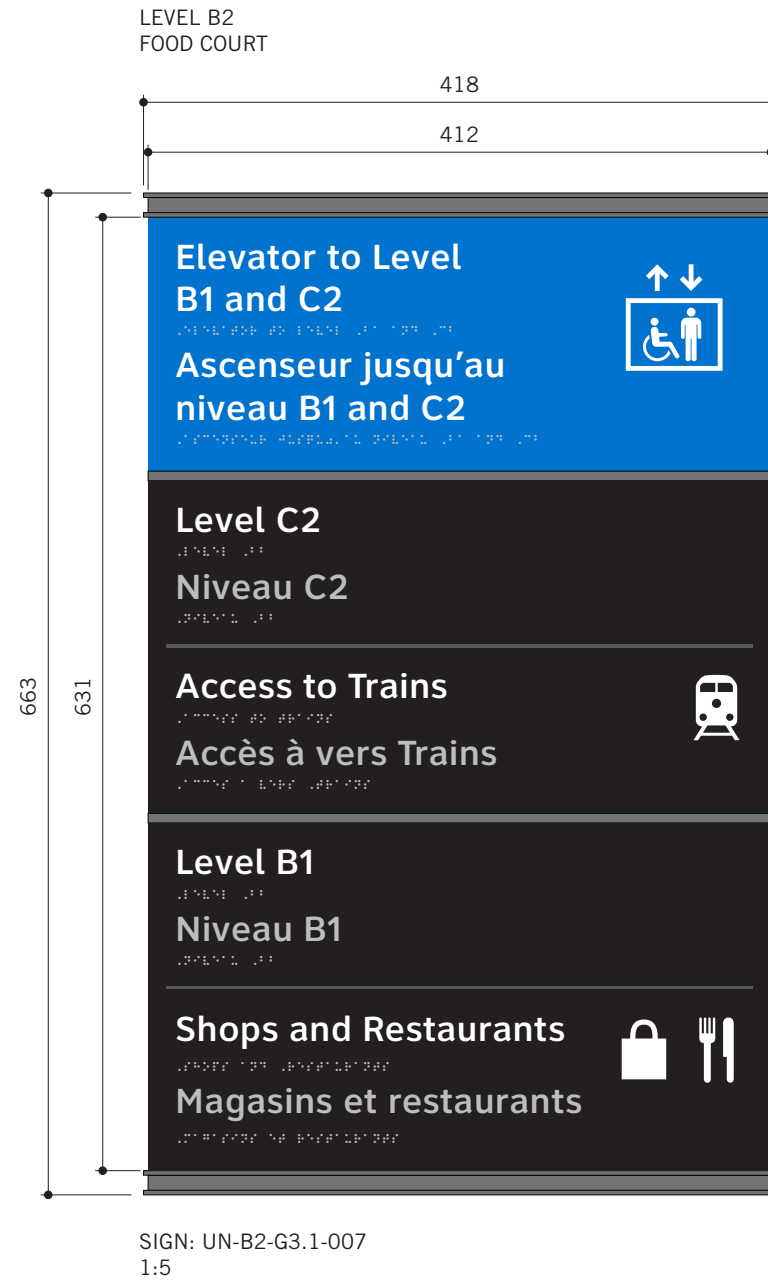
SIGN: UN-00-G3.1-206  
1:8



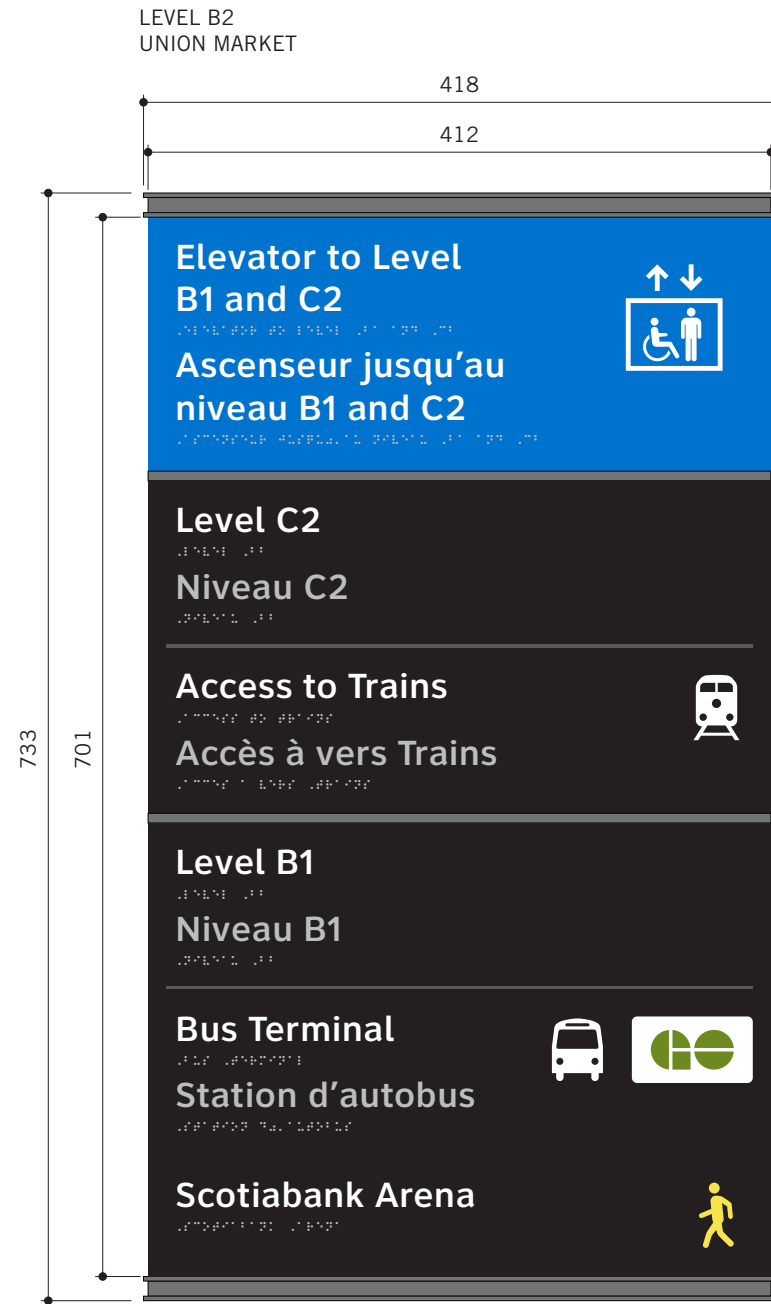




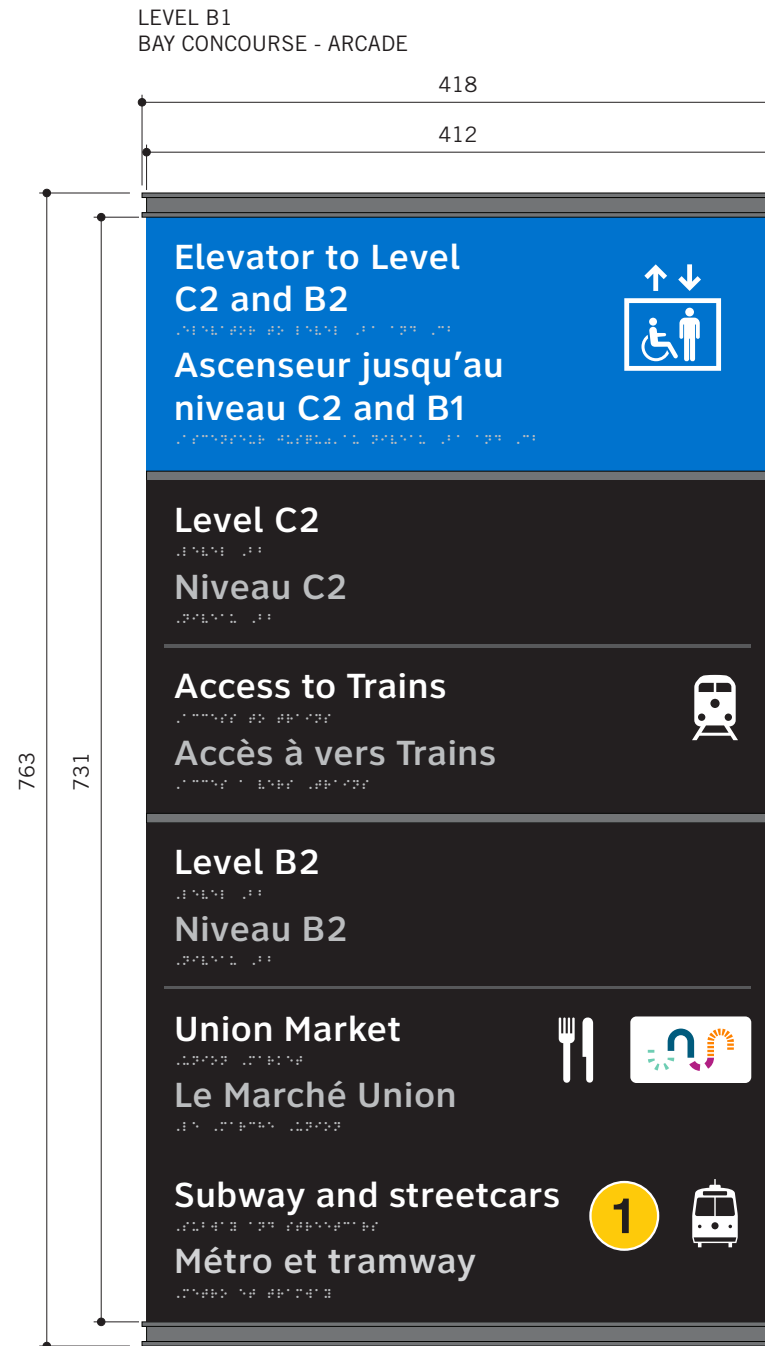
Sign G3.1 Elevator Directory - Elevator 21



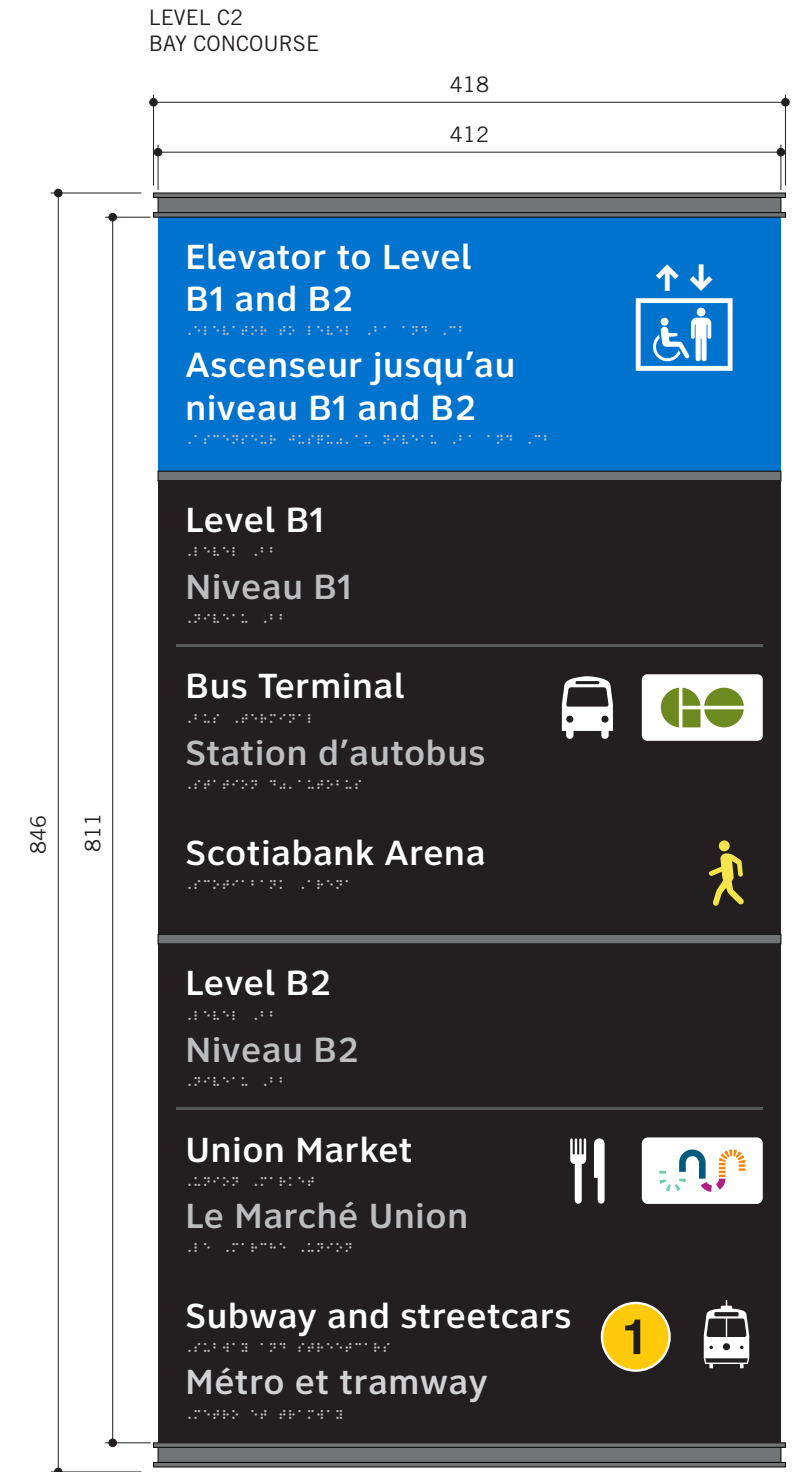
Sign G3.1 Elevator Directory - Elevator 36



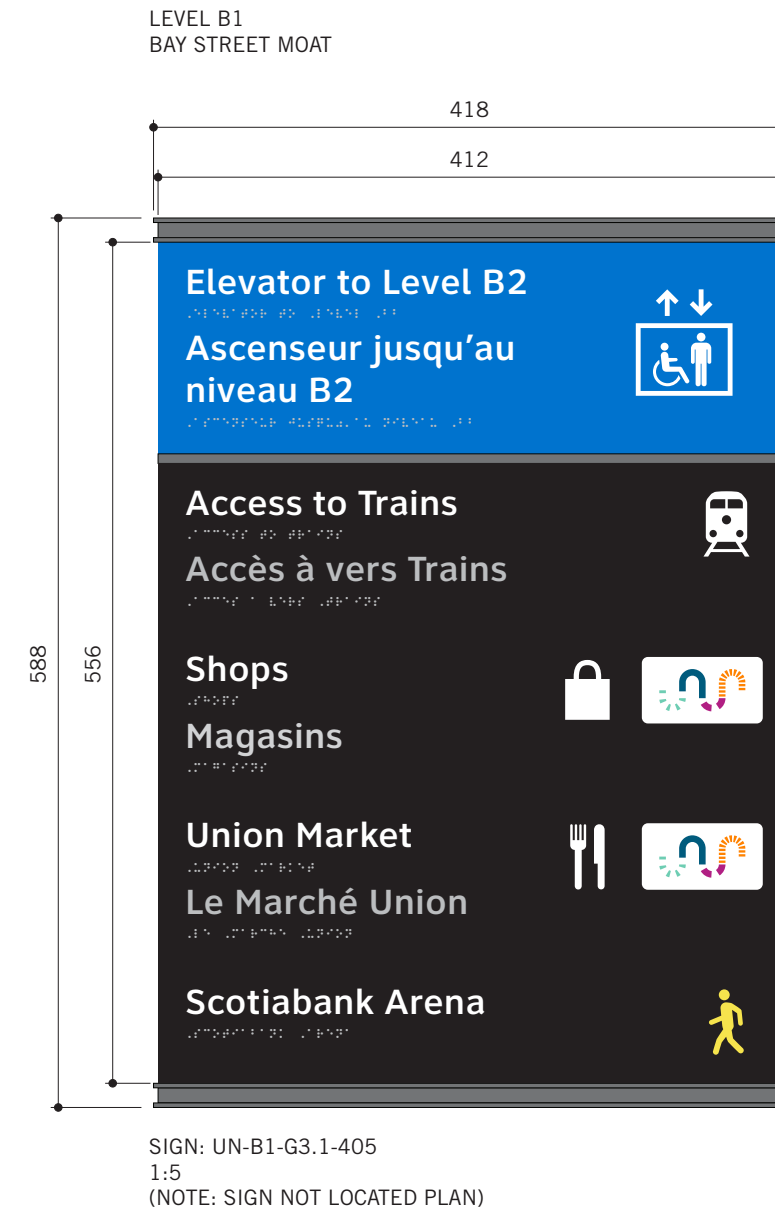
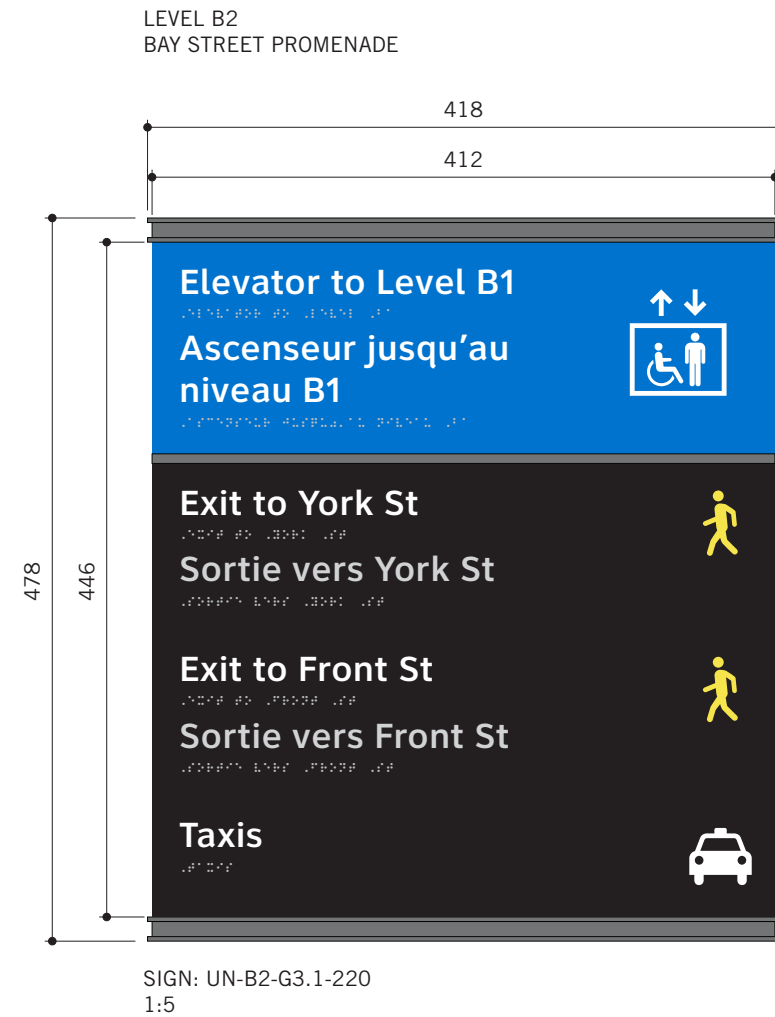
SIGN: UN-B2-G3.1-224  
1:5

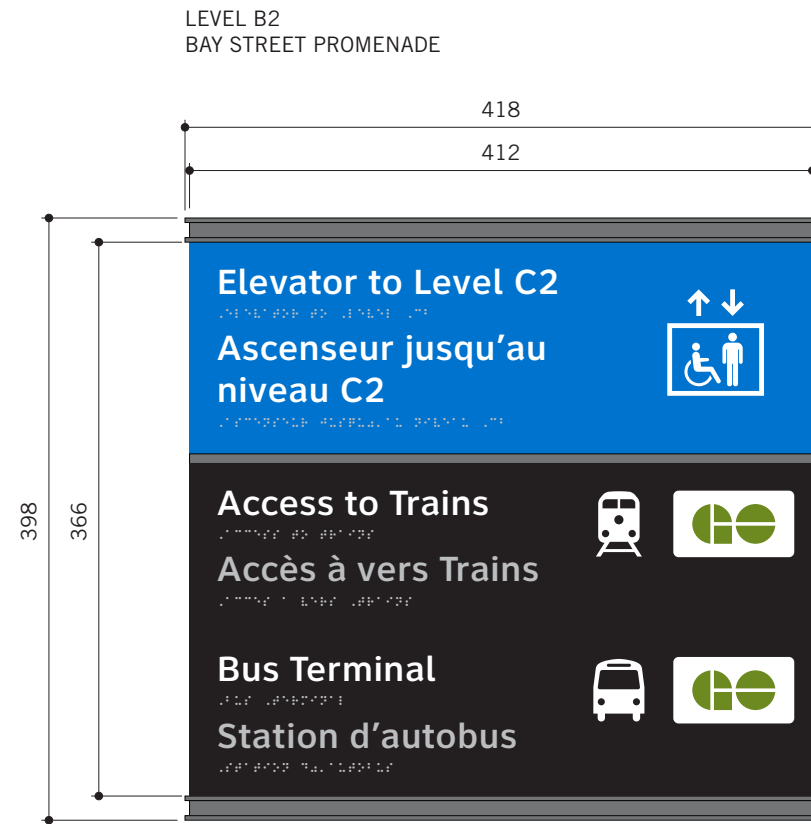


SIGN: UN-B1-G3.1-040  
1:5

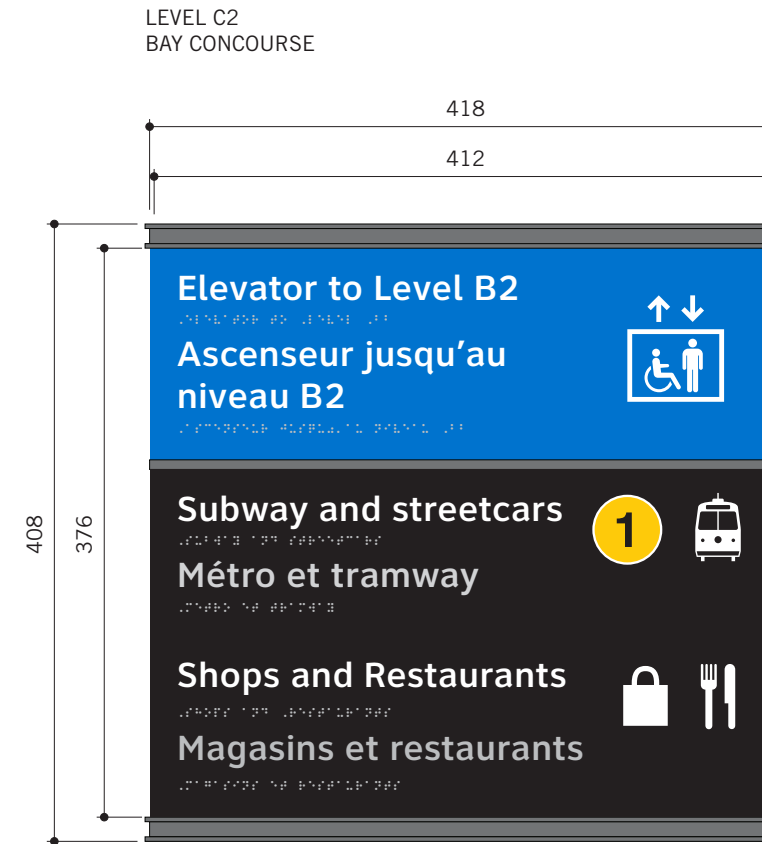


SIGN: UN-C2-G3.1-037  
1:5





SIGN: UN-B2-G3.1-217  
1:5

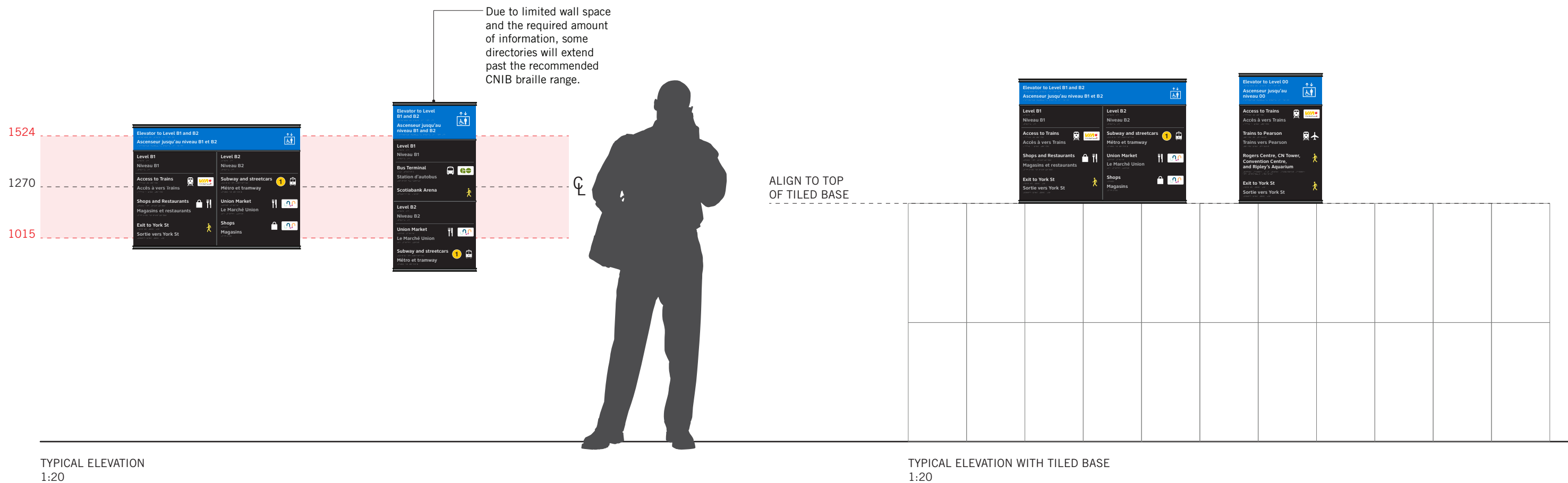


SIGN: UN-C2-G3.1-028  
1:5

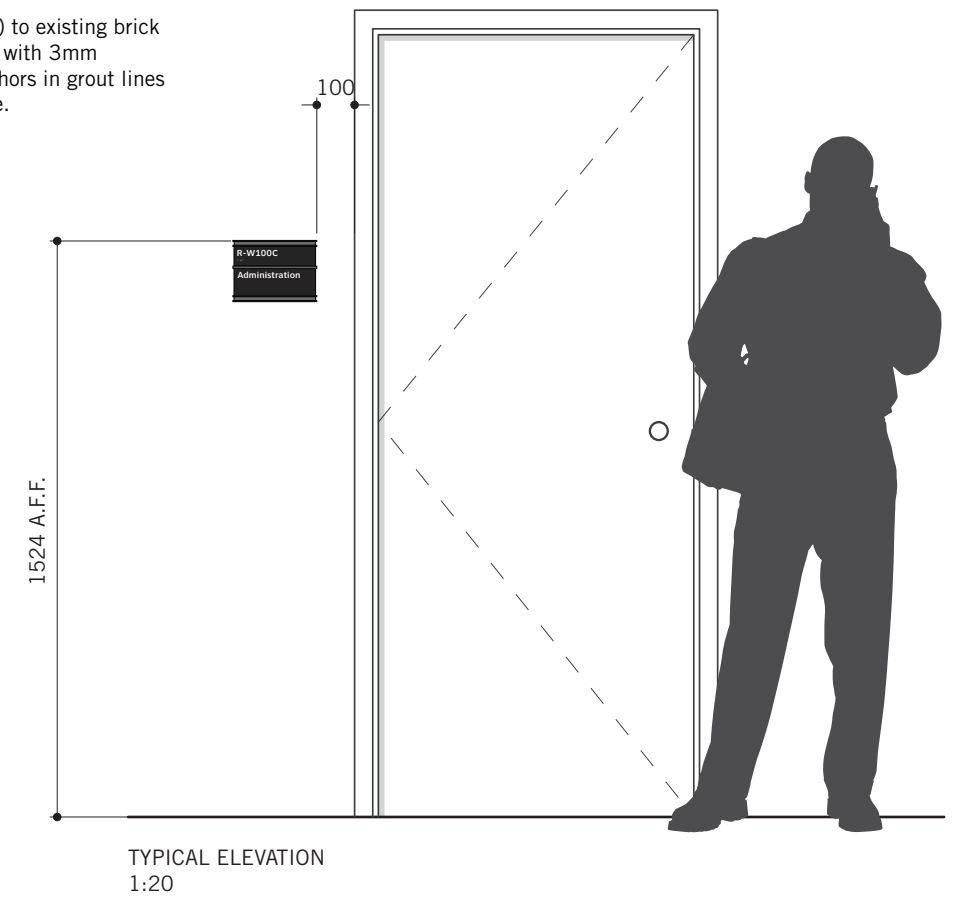
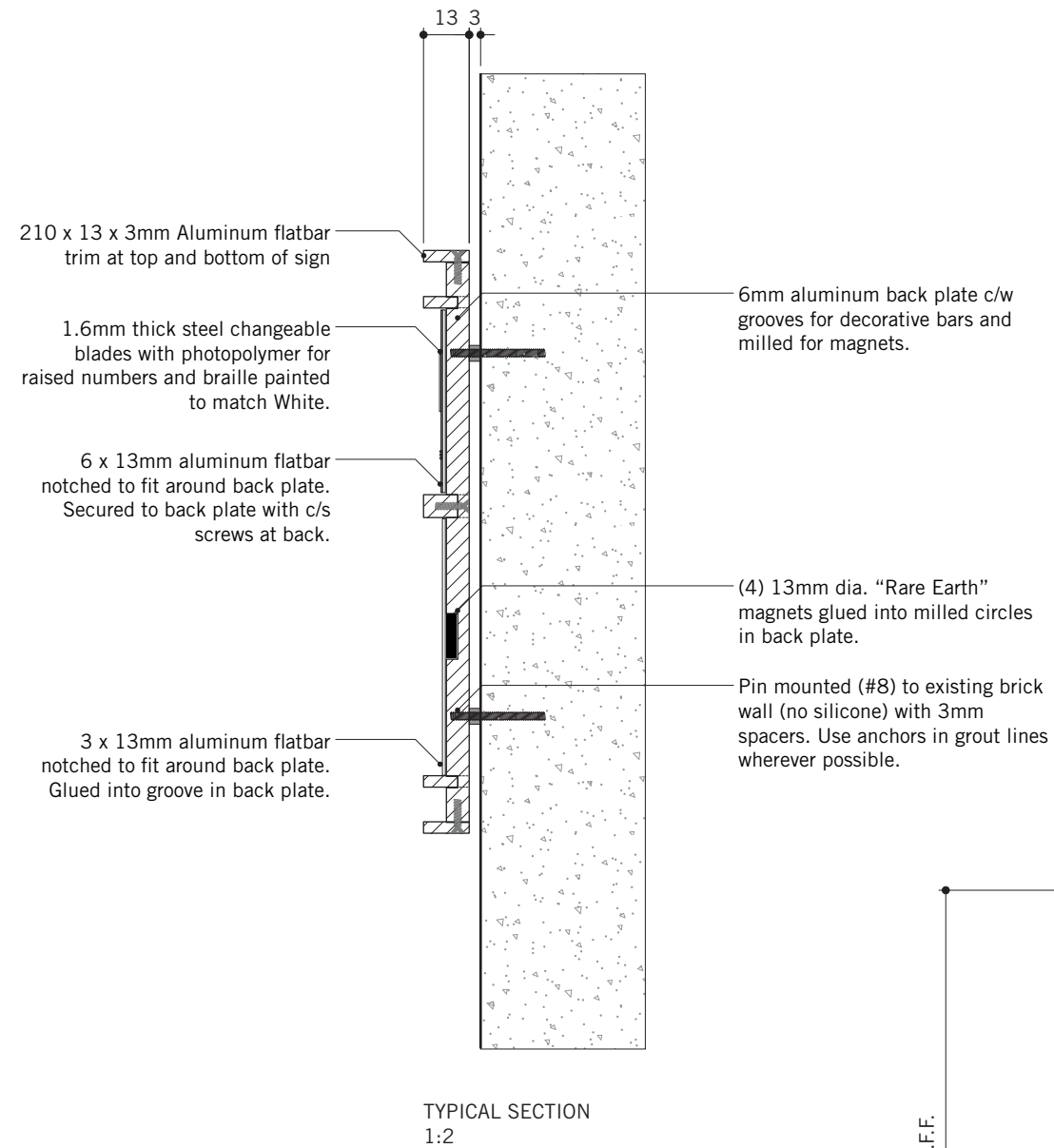
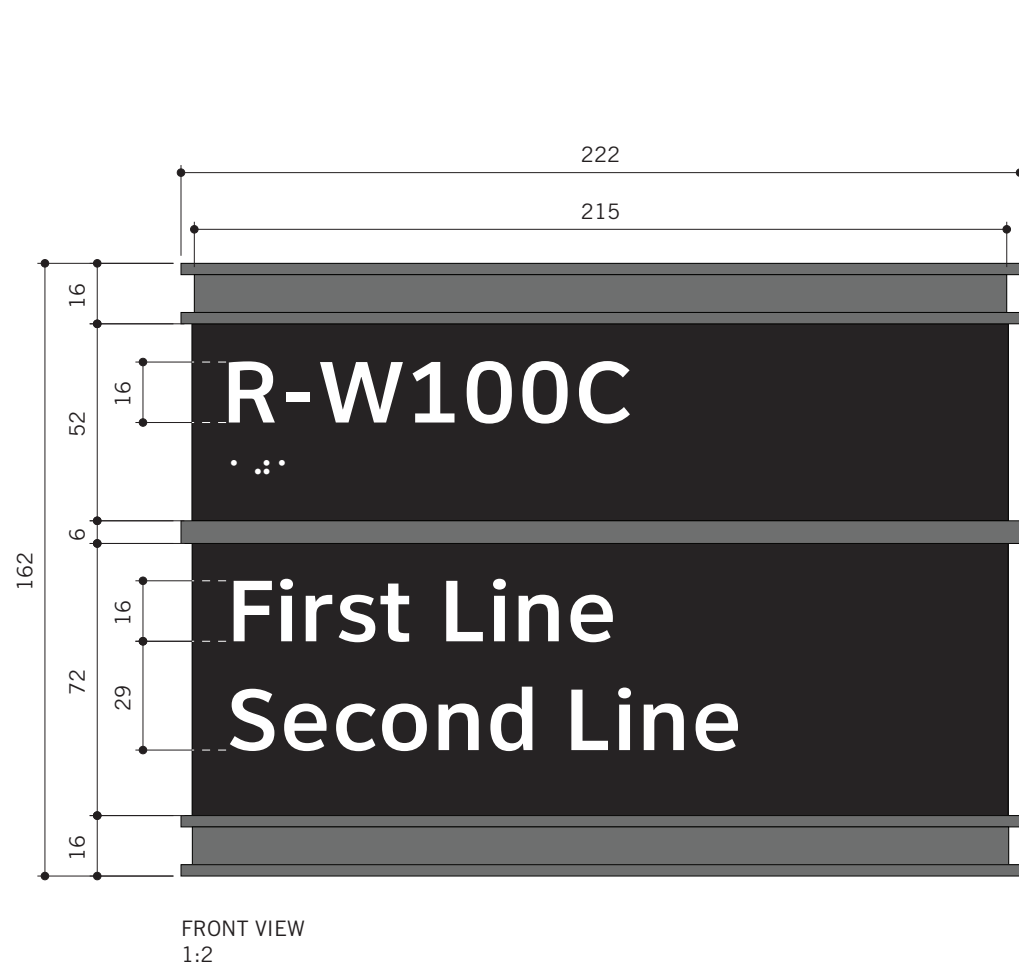
## Sign G3.1 Elevator Directory

The elevator directories are designed to accommodate a large amount of raised English and French copy with the appropriate braille and supplementary pictograms and logos. However, due to the complex nature of Union Station, the sign needs to balance all accessible requirements to provide the best overall approach for all users without sacrificing a clean and consistent design.

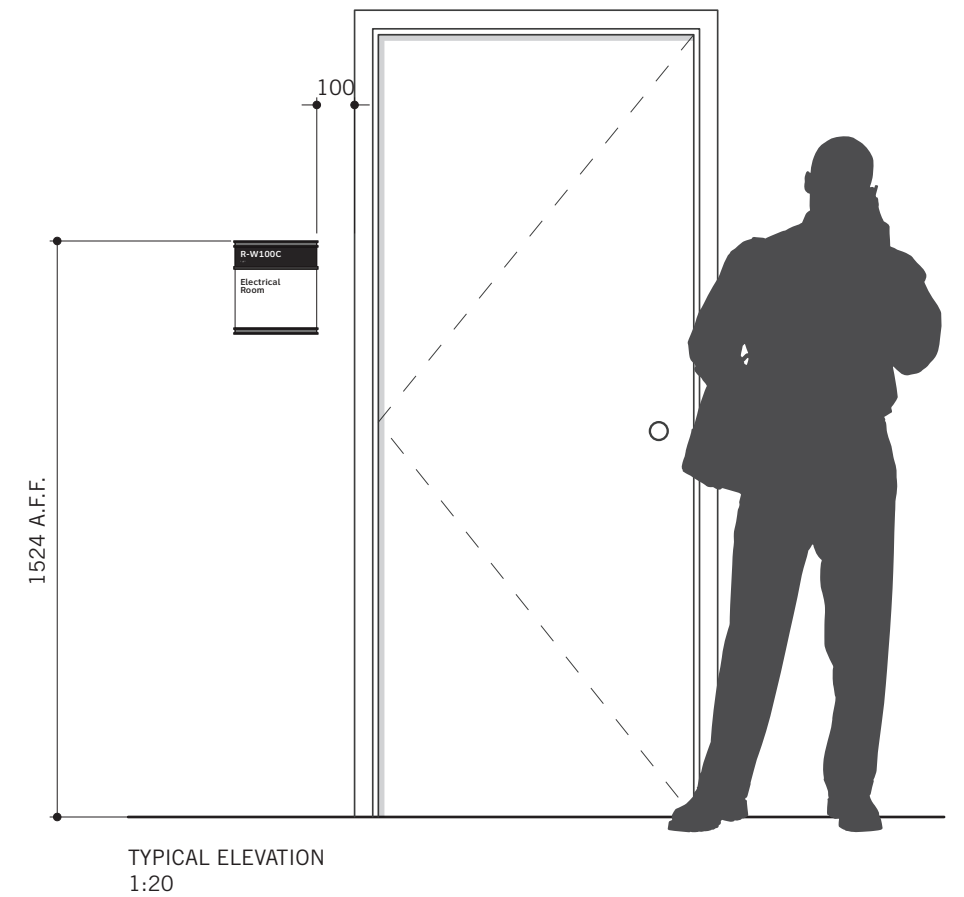
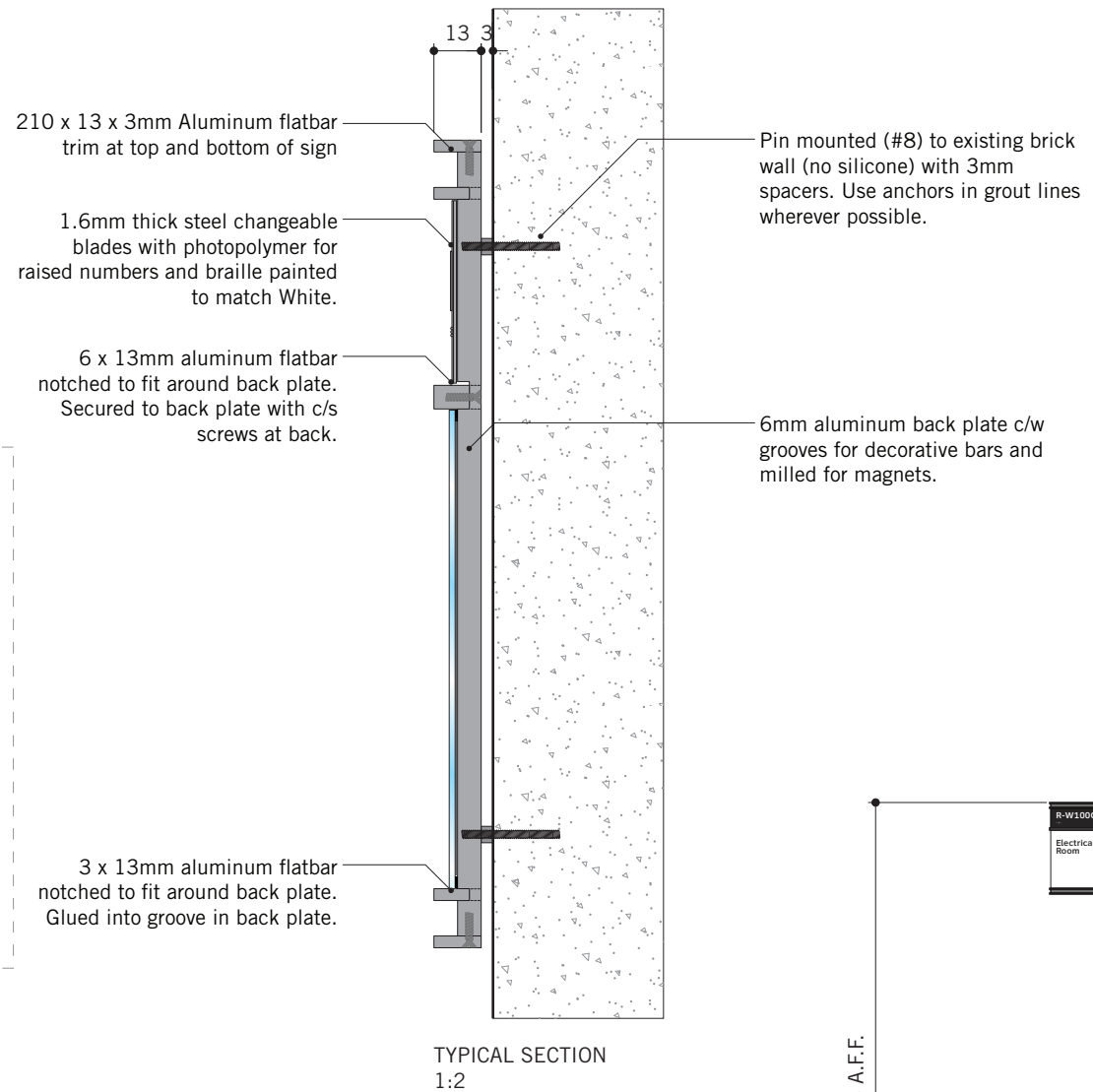
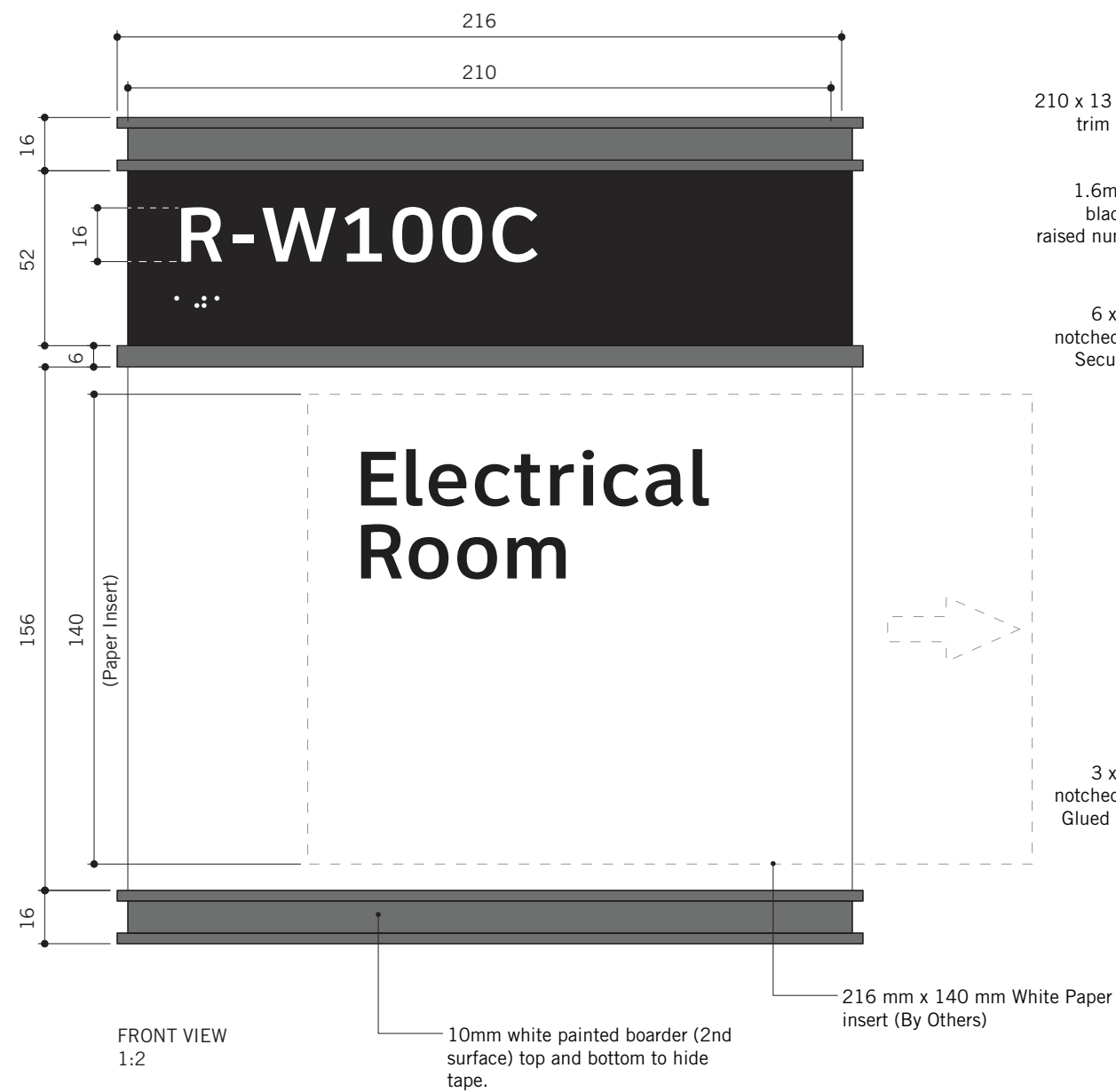
To ensure most information on the elevator directory is within the recommended CNIB braille mounting range of 1012 mm-1524 mm, mount the directory 1270 mm from the finished floor to the centre of the sign. However, Union Station sometimes has a tiled base restriction on some walls that the sign will need to sit above. See the elevations below.



Sign R1.1 Room ID





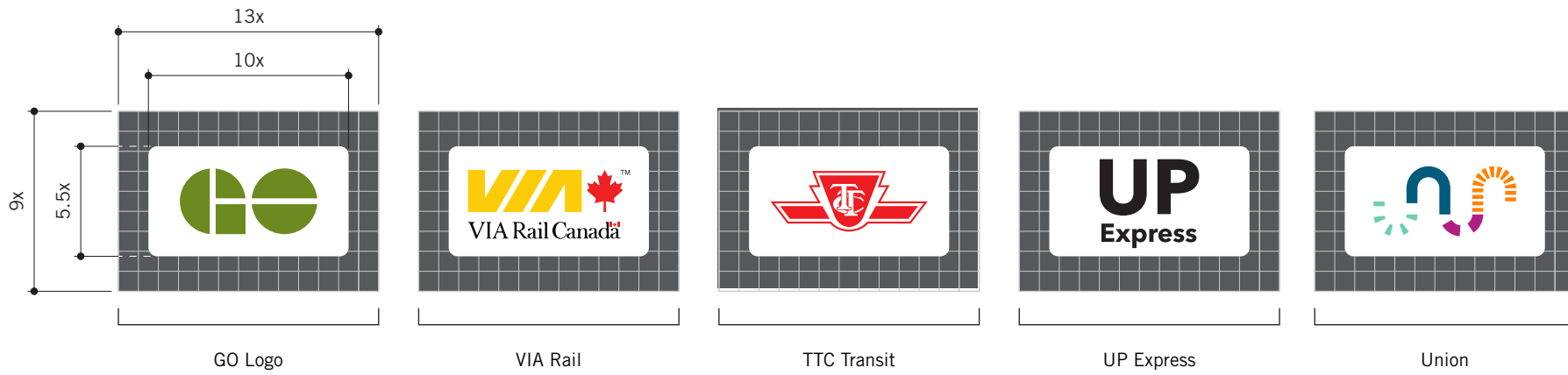


Section 2

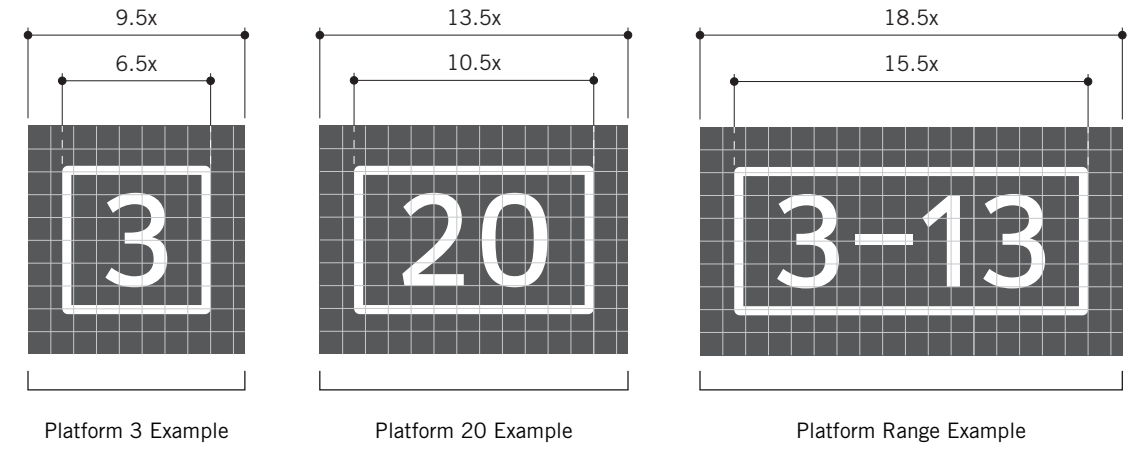
# **Union Station Guidelines**

Union Guidelines Arrow, Pictogram, and Logo Guidelines

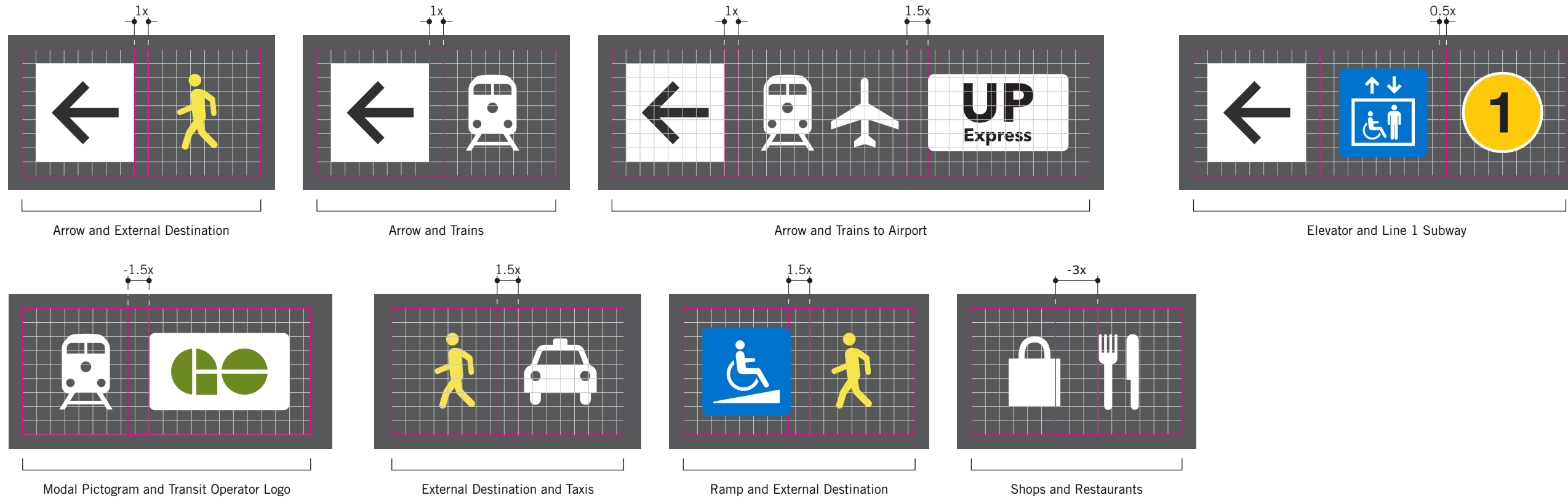
Transit Operators



Platform Numbers



Overlap Conditions



# Union Guidelines Typical B1 Layout

All directional sign layouts are to follow a grid system to ensure visual continuity.

This grid system was developed to fit existing signs and will require flexibility on how it is applied. See Figure A and B for more details.

Standard 'x' value = 15.1mm

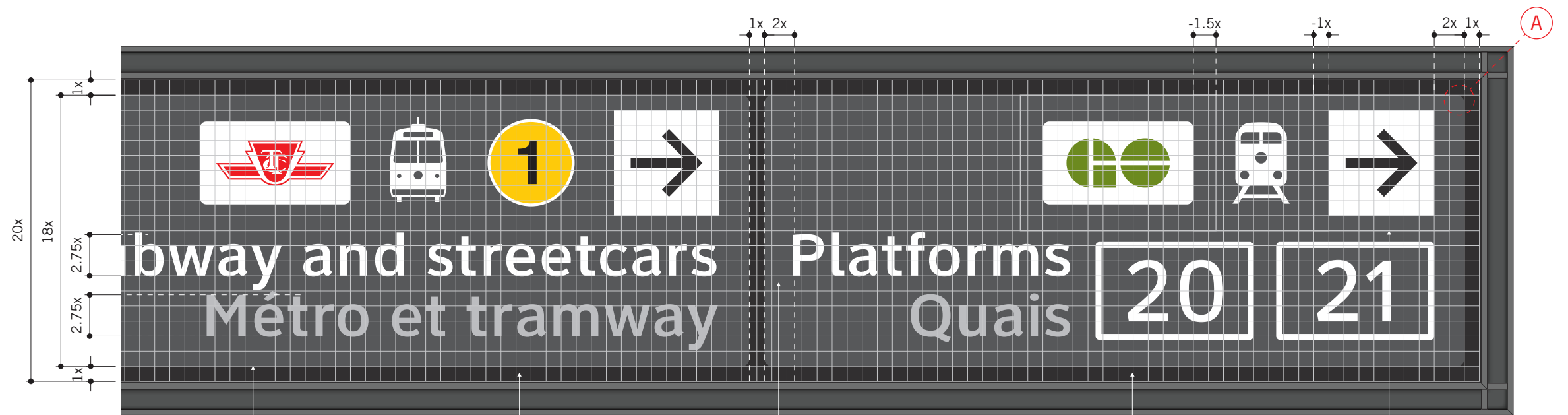


FIGURE A  
1:5

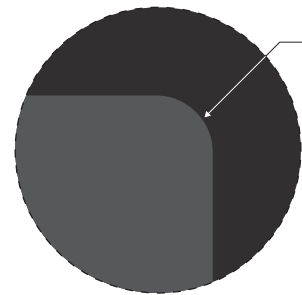
**Modules**  
All messages will be provided in a grey module.

**Background**  
System Black (95% PMS Process Black C)

All modules are to have a minimum of 2x clear space on the left and right margins of the message module. Ensure all message modules are divisible by the standard 'x' value of 15.1mm. Modules can be aligned to half an 'x' value to ensure spacing is optically even.

1x clear space to be applied around message modules.

**Arrow, Pictograms, and Logos**  
See overlap conditions and typical modules on how pictograms are positioned next to the arrow.



Message modules to have corner radius of 7.55mm or 0.5x.

DETAIL A  
1:2

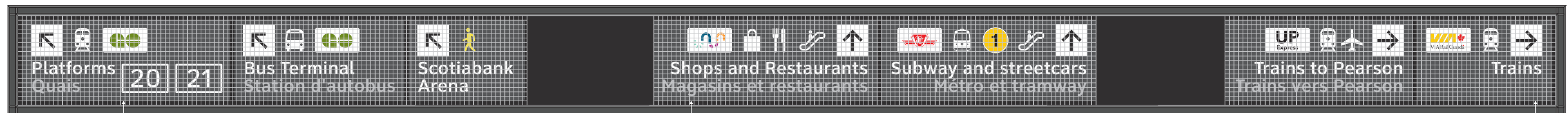
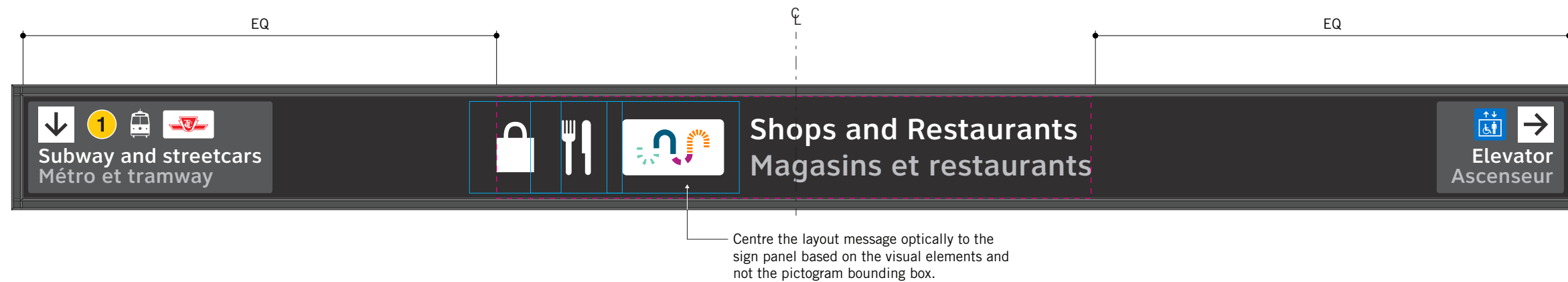


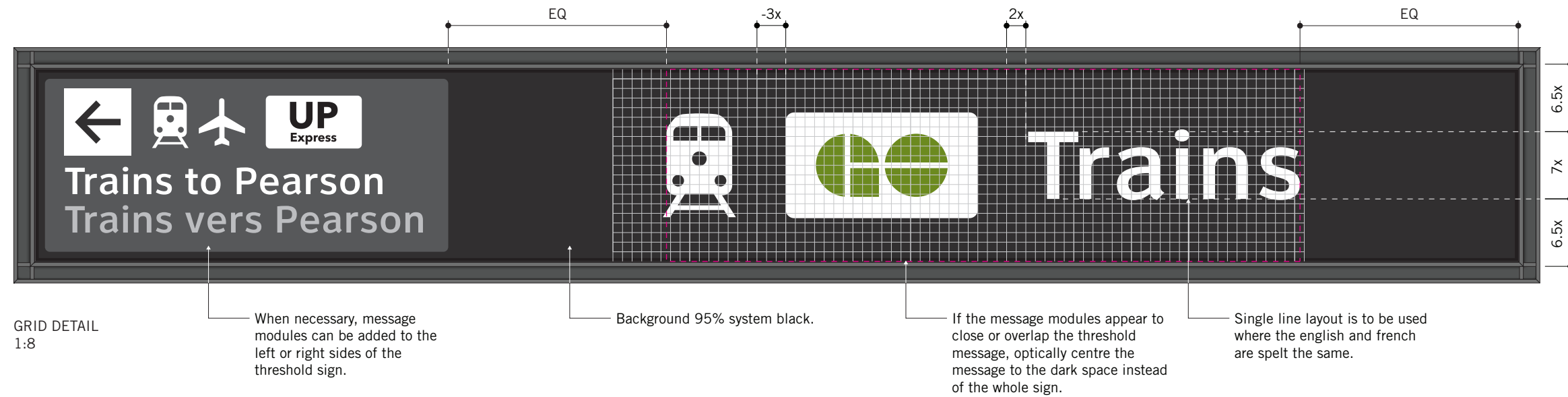
FIGURE B  
1:5

**Left Alignment**  
Modules aligned to the left side of the sign panel will follow a grid starting from the left.

**Centre**  
Modules in the centre of the sign panel will be centre aligned between the left cluster and right cluster and follow a separate centre grid.

**Right Alignment**  
Modules aligned to the right side of the sign panel will follow a grid starting from the right.





Typical Modules

<p>Platforms Quais 20 21</p>	<p>Platforms Quais 3-13</p>	<p>Platforms Quais 6 7</p>	<p>Subway and streetcars Métro et tramway</p>	<p>Bus Terminal Station d'autobus</p>		
<p>Platforms Quais 20 21</p>	<p>Platforms Quais 3-13</p>	<p>Platforms Quais 6 7</p>	<p>Subway and streetcars Métro et tramway</p>	<p>Bus Terminal Station d'autobus</p>		
<p>Trains to Pearson Trains vers Pearson</p>	<p>Bay St</p>	<p>Scotiabank Arena</p>	<p>Front St Taxis</p>	<p>Washrooms Toilettes</p>	<p>Elevator Ascenseur</p>	<p>Shops and Restaurants Magasins et restaurants</p>
<p>Trains to Pearson Trains vers Pearson</p>	<p>Bay St</p>	<p>Scotiabank Arena</p>	<p>Front St Taxis</p>	<p>Washrooms Toilettes</p>	<p>Elevator Ascenseur</p>	<p>Shops and Restaurants Magasins et restaurants</p>
<p>Food Court Aire de restauration</p>	<p>Trains</p>	<p>Trains</p>	<p>Tickets Billets</p>	<p>Baggage Bagages</p>	<p>Alcove B Alcôve B</p>	
<p>Food Court Aire de restauration</p>	<p>Trains</p>	<p>Trains</p>	<p>Tickets Billets</p>	<p>Baggage Bagages</p>	<p>Alcove B Alcôve B</p>	

Typical Modules

<p>Union Market Le Marché Union</p>	<p>Royal Bank Plaza Brookfield Place</p>	<p>Convention Centre Ripley's Aquarium</p>	<p>Rogers Centre CN Tower</p>	<p>Business Lounge Salon Affaires</p>	<p>TD Comfort Spot</p>	
<p>Union Market Le Marché Union</p>	<p>Royal Bank Plaza Brookfield Place</p>	<p>Convention Centre Ripley's Aquarium</p>	<p>Rogers Centre CN Tower</p>	<p>Business Lounge Salon Affaires</p>	<p>TD Comfort Spot</p>	
<p>Trains</p>	<p>Trains</p>	<p>Great Hall</p>	<p>Bremner Bl</p>	<p>Queens Quay</p>	<p>Harbourfront</p>	<p>Tourist Info Info touristique</p>
<p>Trains</p>	<p>Trains</p>	<p>Great Hall</p>	<p>Bremner Bl</p>	<p>Queens Quay</p>	<p>Harbourfront</p>	<p>Tourist Info Info touristique</p>
<p>Elevator to subway and streetcars Ascenseur vers métro et tramway</p>	<p>Ramp to York St Rampe vers York St</p>					
<p>Elevator to subway and streetcars Ascenseur vers métro et tramway</p>	<p>Ramp to York St Rampe vers York St</p>					

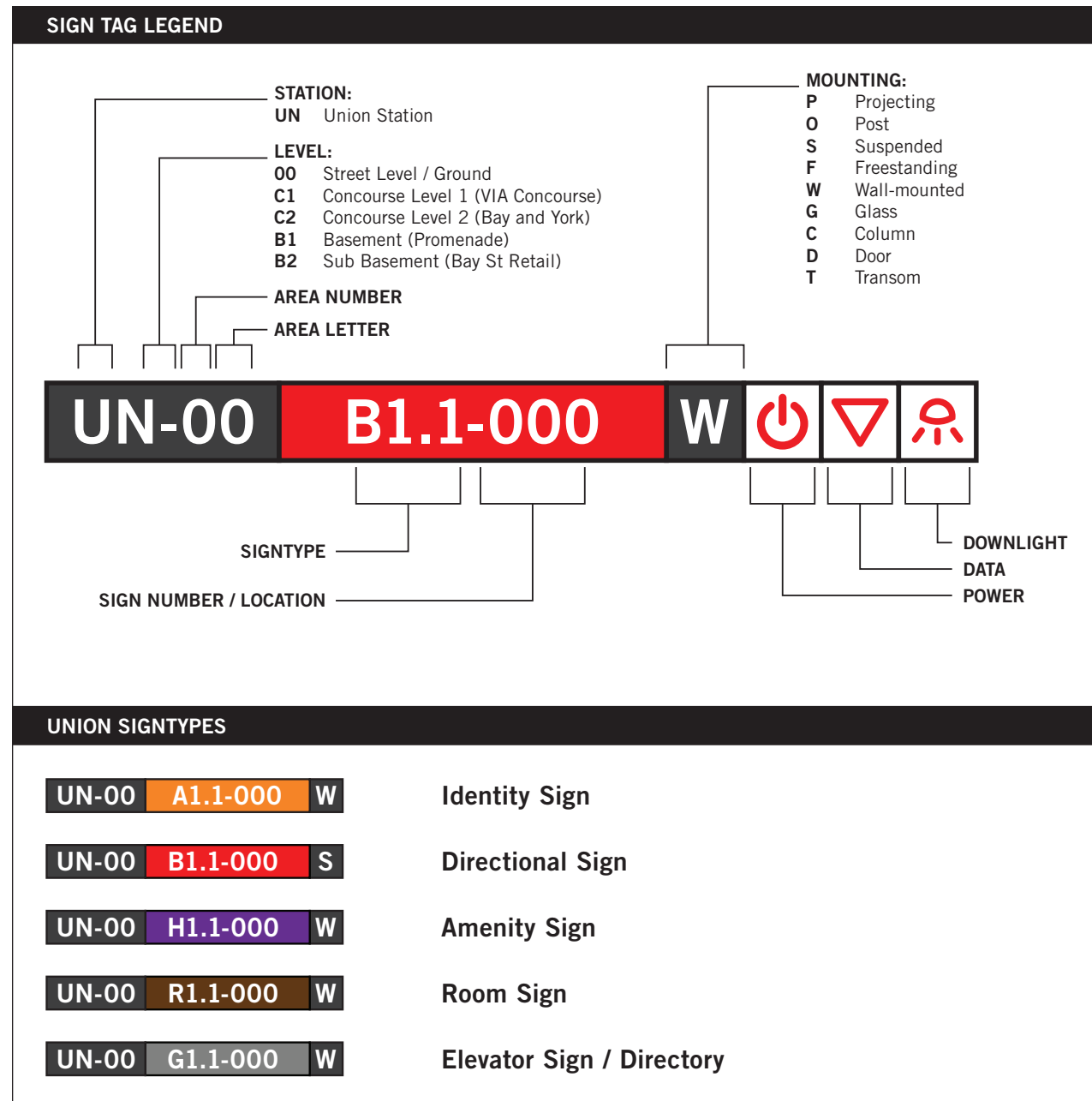


Section 3

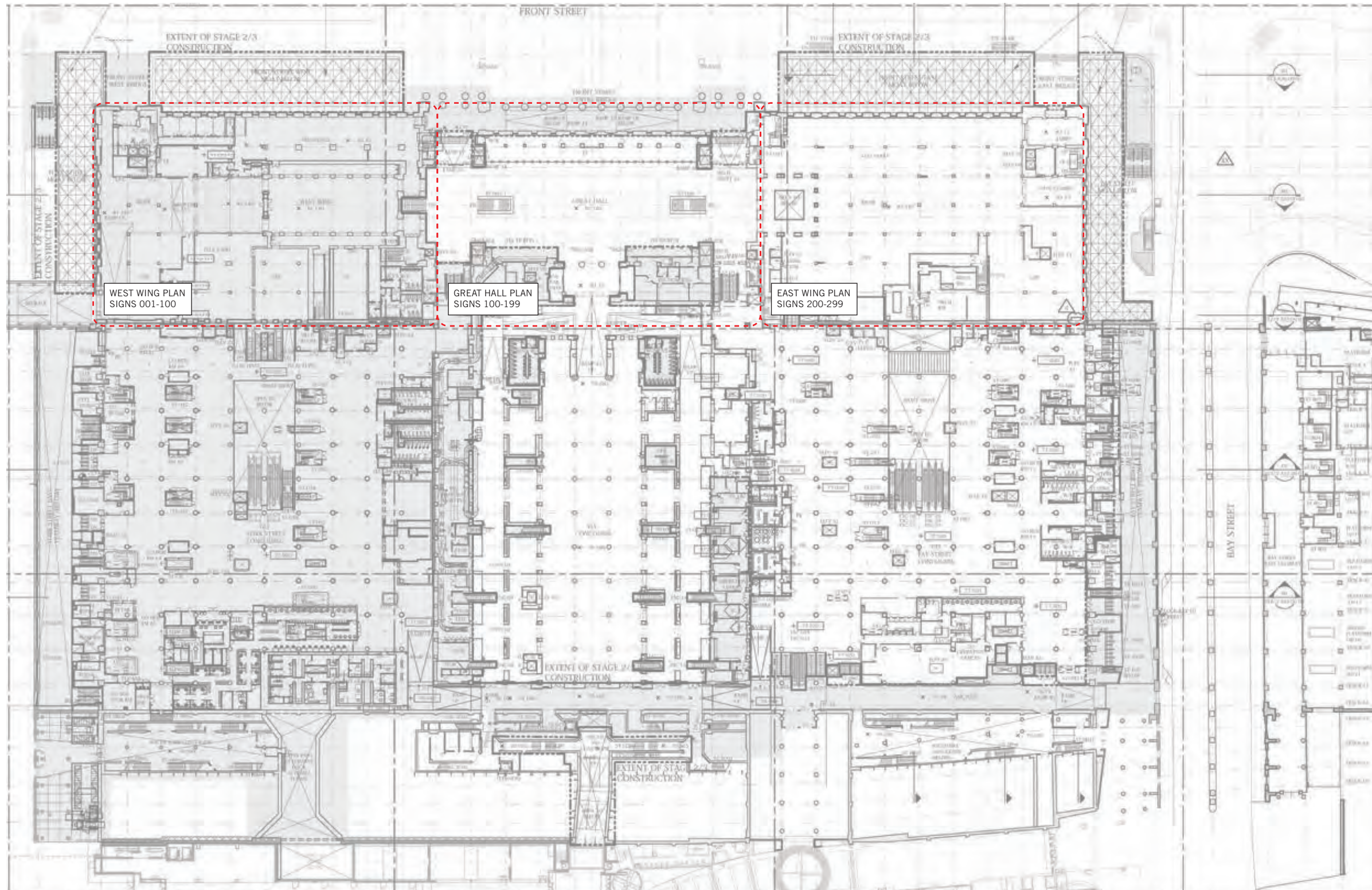
# **Union Station Location Plans**

General Sign Quantity List

SIGN TYPE	SIGN TYPE DESCRIPTION	PAGE NO.	LOCATION DESCRIPTION / NOTES	QTY
A3.2	Operator Logos (Transom Identifiers)	-	Quantity determined by existing signs. New operator logos will replace existing.	58
A6.1	Obelisk - Concourse ID	-	Vinyl Replacement.	4
A7.1	Elevator ID	-		21
A8.1	Street ID	-		2
A8.2	Suspended Directional: Reduced Height	-		8
B1.1	Suspended Directional: 5266 x 370	-		55
B1.2	Suspended Directional: 4654 x 370	-	Original Sign Type: B1.5	13
B1.3	Suspended Directional: 3430 x 370	-	Original Sign Type: B1.4	21
B1.4	Suspended Directional: 2512 x 370	-	Original Sign Type: B1.2	32
B1.5	Suspended Directional: 2206 x 370	-	Original Sign Type: B1.3	7
B1.6	Suspended Directional: 1902 x 370	-		2
B1.7	Suspended Directional: 982 x 370	-		3
B2.1	Freestanding Directional	-		2
B6.1	Column Directional	-		1
H1.1	Amenity Projecting	-	Site verify locations.	12
H1.4	Retail Projecting	-	Site verify locations.	2
G3.1	Elevator Directory	-	Work in progress.	17
R1.1	Room ID	-	Locations to be to coordinated.	27
R2.1	Room ID - BOH	-	Locations to be to coordinated.	1
				230

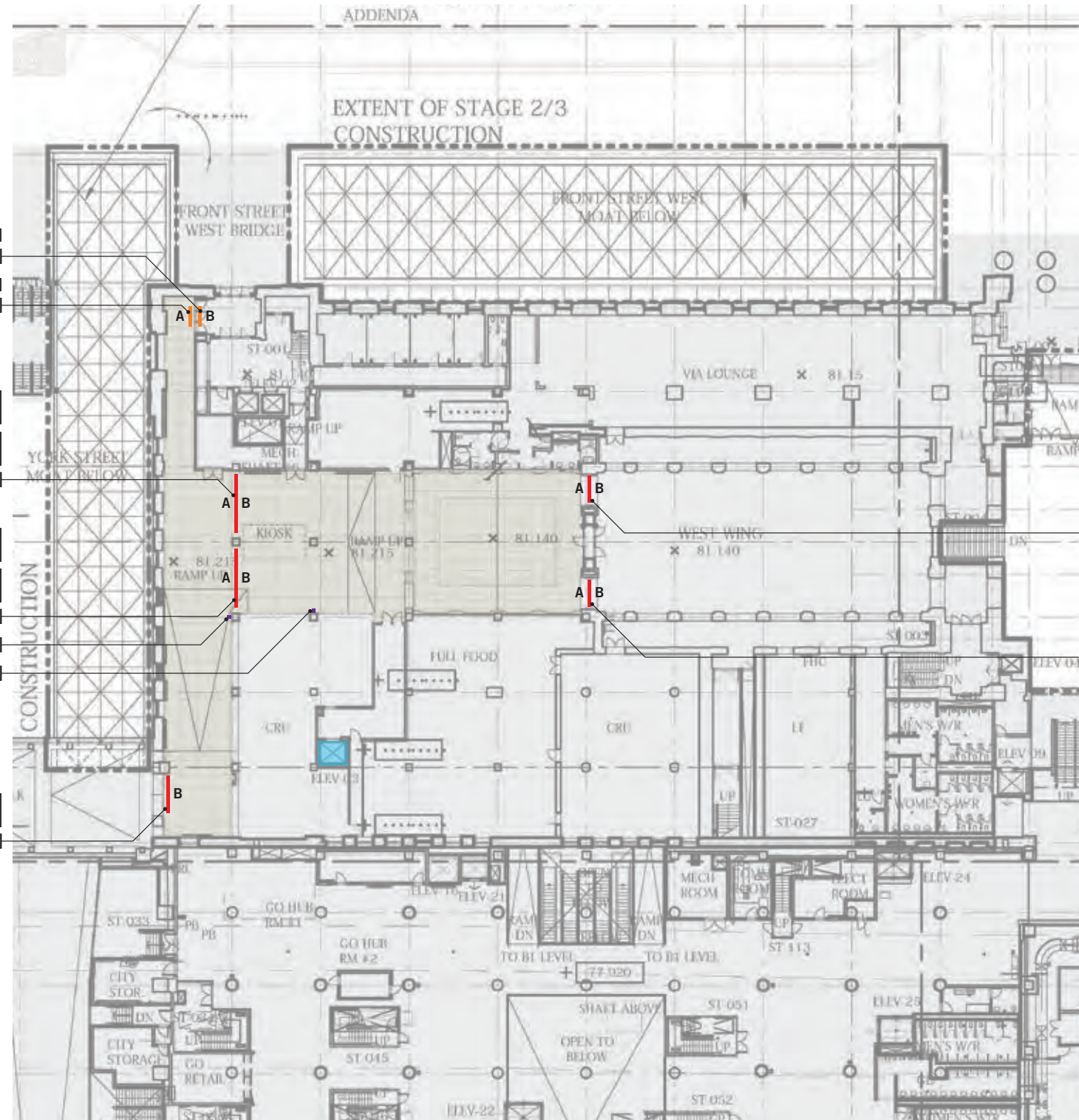


Level 00 - Overall Plan (UN-00)



SCALE N.T.S.

Level 00 - West Wing Plan (UN-00)



A York St

UN-00 A8.2-001 S

B Trains

UN-00 A8.2-002 S

A York St

UN-00 B1.1-003 S

B Trains to Pearson, Rogers Centre, Convention Centre

A York St

UN-00 B1.1-004 S

B Trains to Pearson, Rogers Centre, Convention Centre

UN-00 H1.4-008 P

UN-00 H1.4-009 P

B Trains to Pearson, Rogers Centre, Convention Centre

UN-00 B1.3-005 S

A Business Lounge, Front St Taxis

UN-00 B1.4-006 S

B Trains to Pearson, Tourist Info, Rogers Centre, Convention Centre

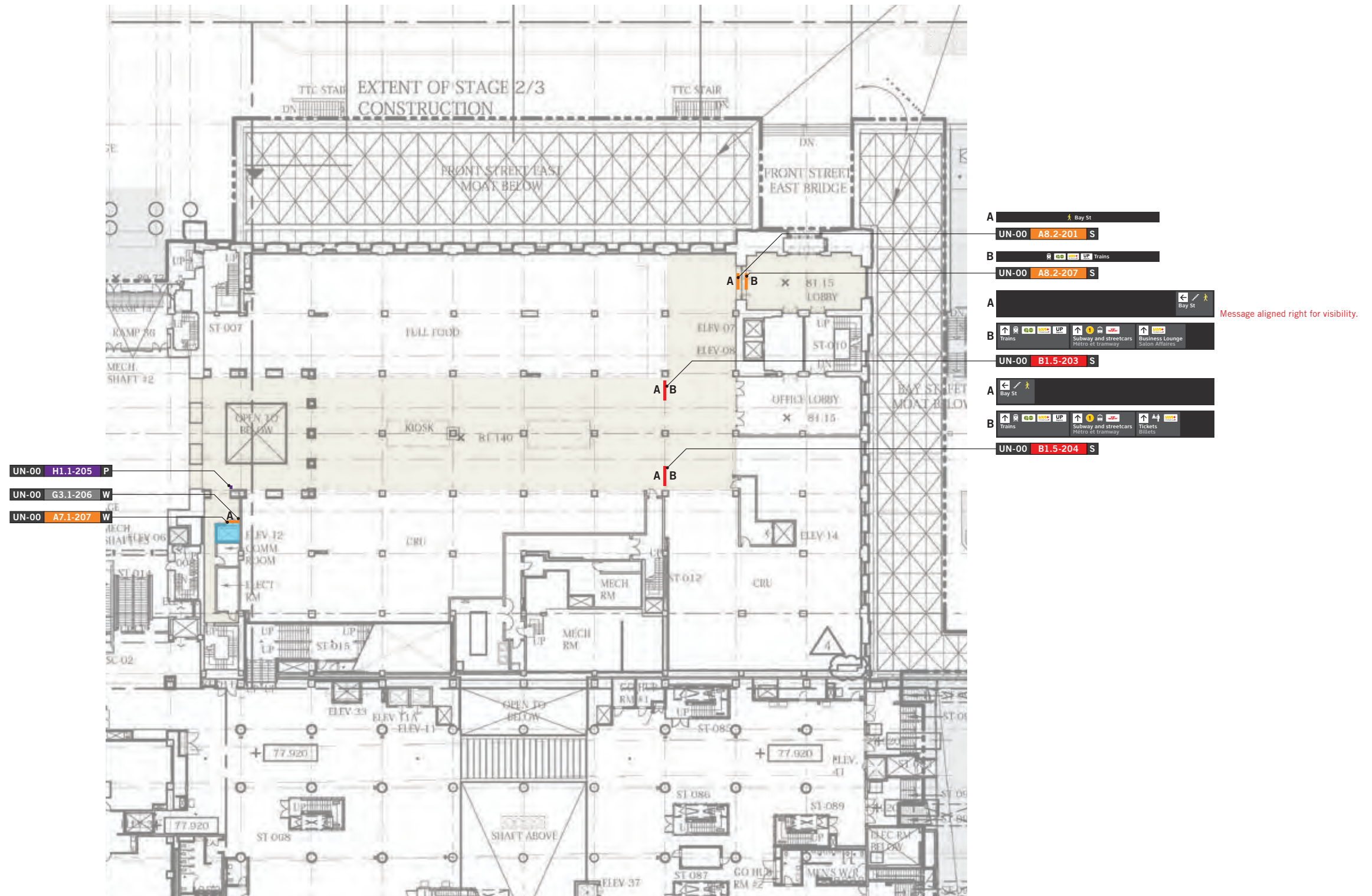
A Trains, Subway and streetcars, Tickets, Washrooms

UN-00 B1.4-007 S

B Trains to Pearson, Tourist Info, Rogers Centre, Convention Centre

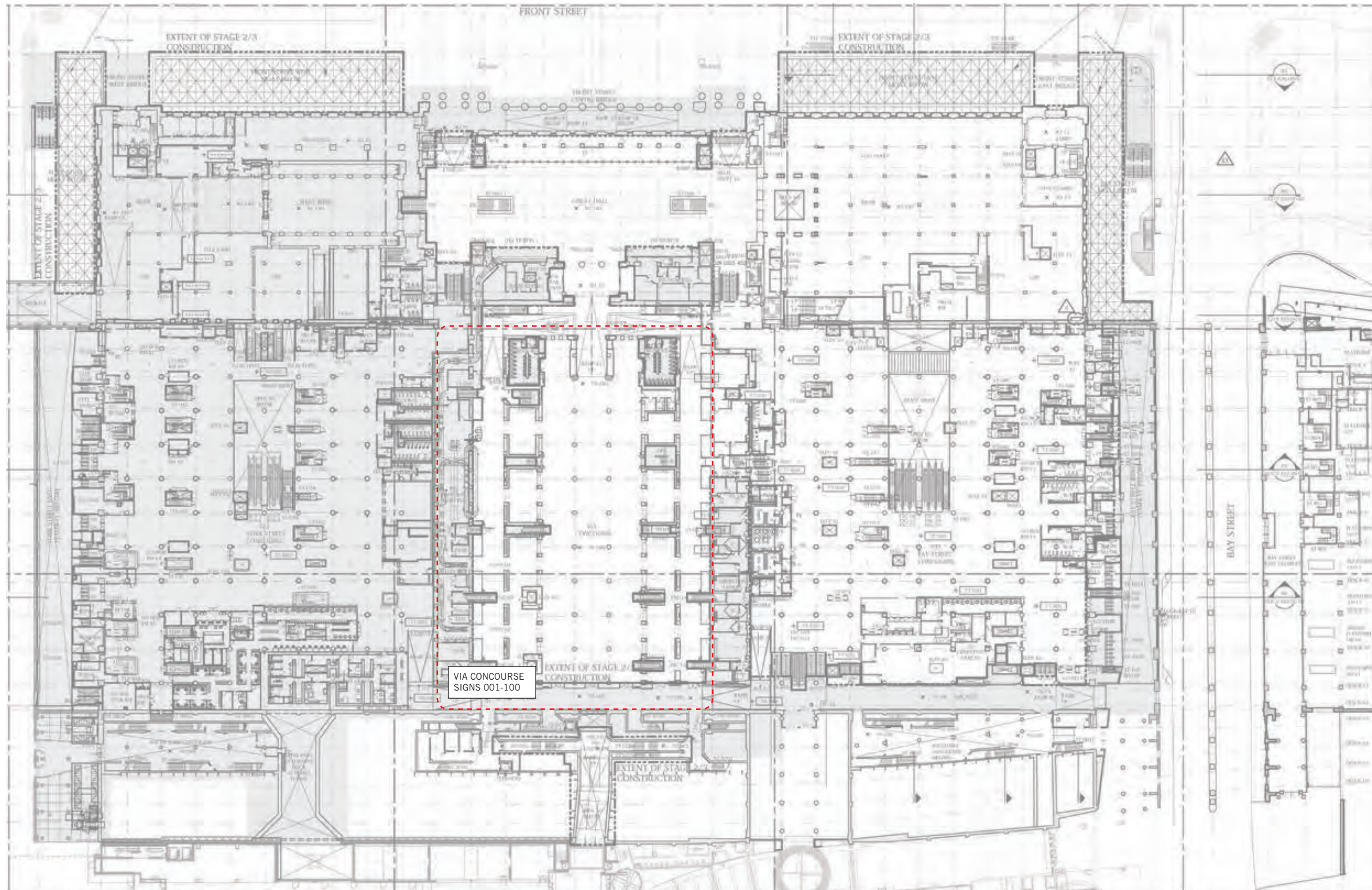
SCALE 1:500





SCALE 1:500

Level C1 - Overall Plan (UN-C1)

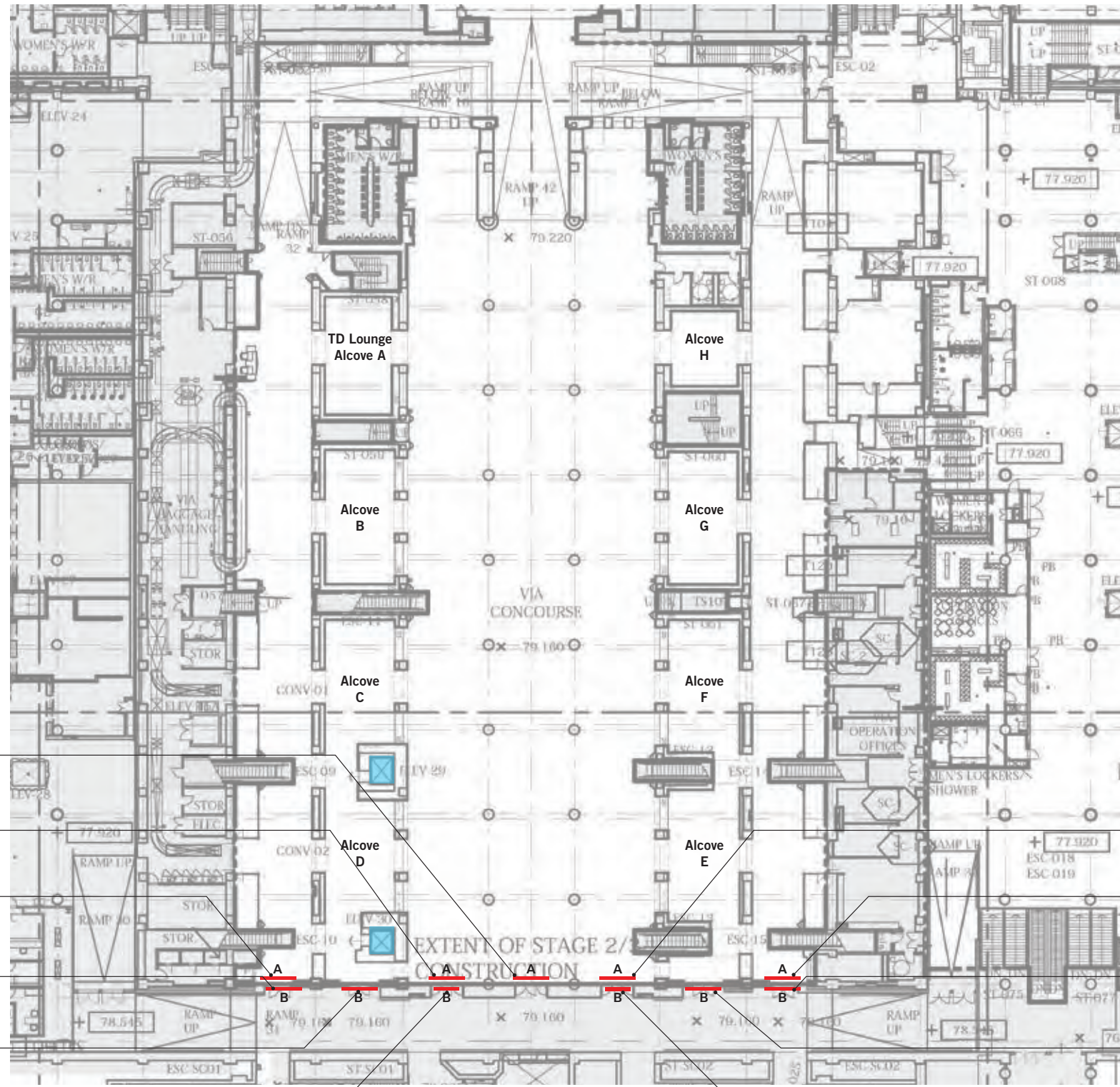


SCALE N.T.S.





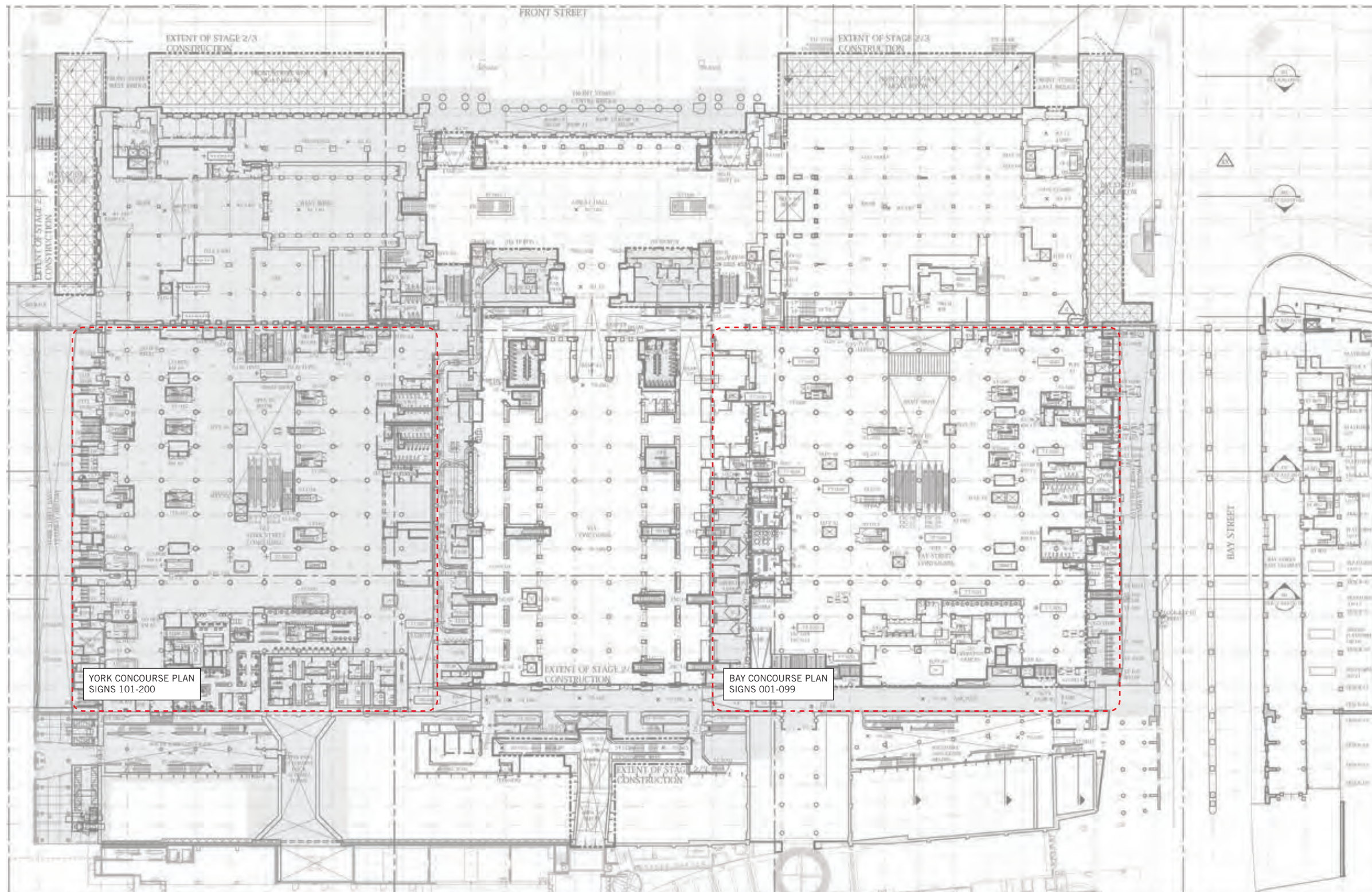
Level C1 - VIA Concourse Plan (UN-C1)



- A UN-C1 B1.3-029 S
- A UN-C1 B1.3-030 S
- A UN-C1 B1.3-031 S
- B UN-C1 B1.3-021 S
- B UN-C1 B1.3-022 S
- B UN-C1 B1.4-023 S

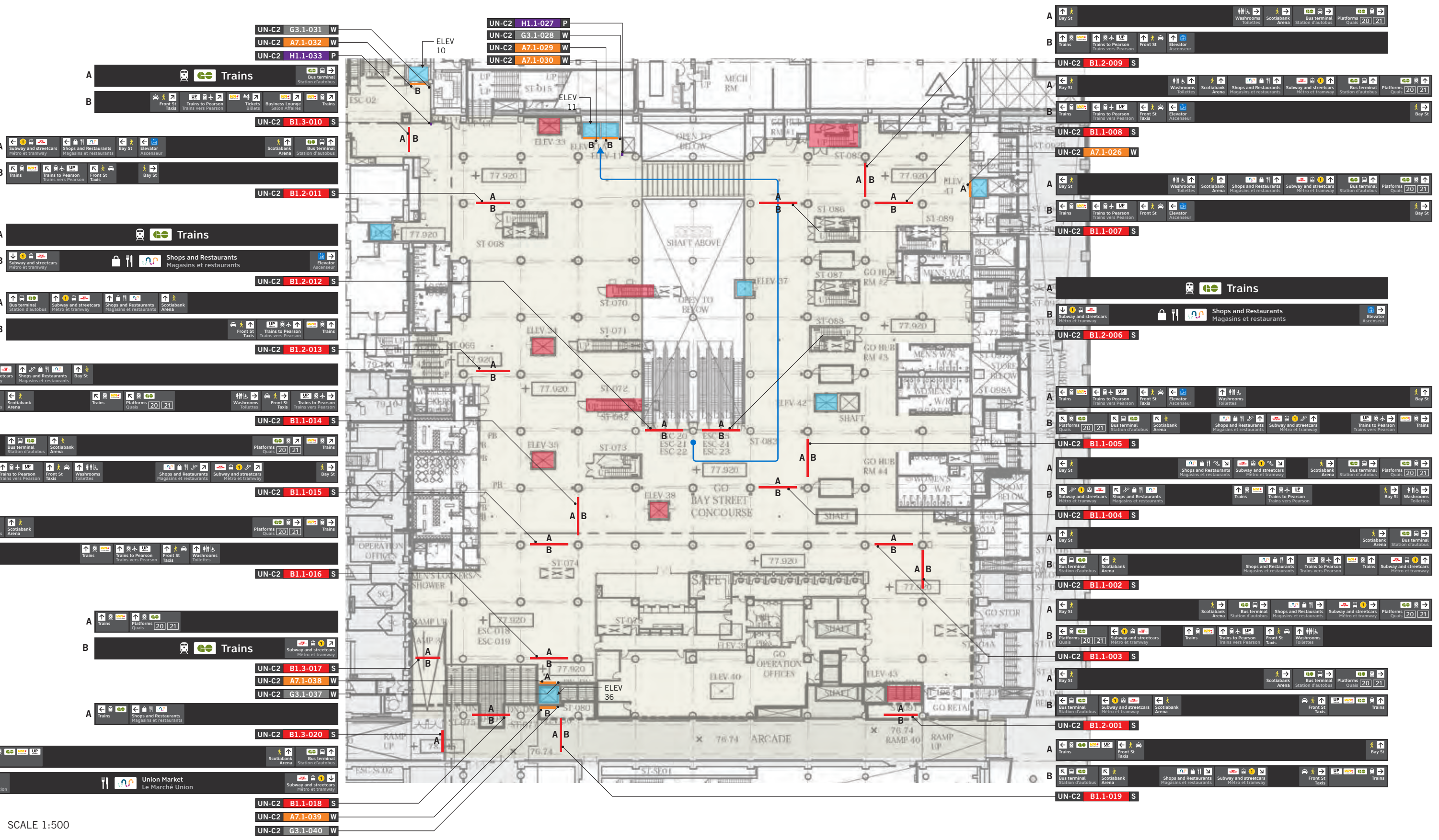
- A UN-C1 B1.3-028 S
- A UN-C1 B1.3-027 S
- B UN-C1 B1.3-026 S
- B UN-C1 B1.3-025 S
- B UN-C1 B1.4-024 S

SCALE 1:500



SCALE N.T.S.

Level C2 - Bay Concourse Plan (UN-C2)

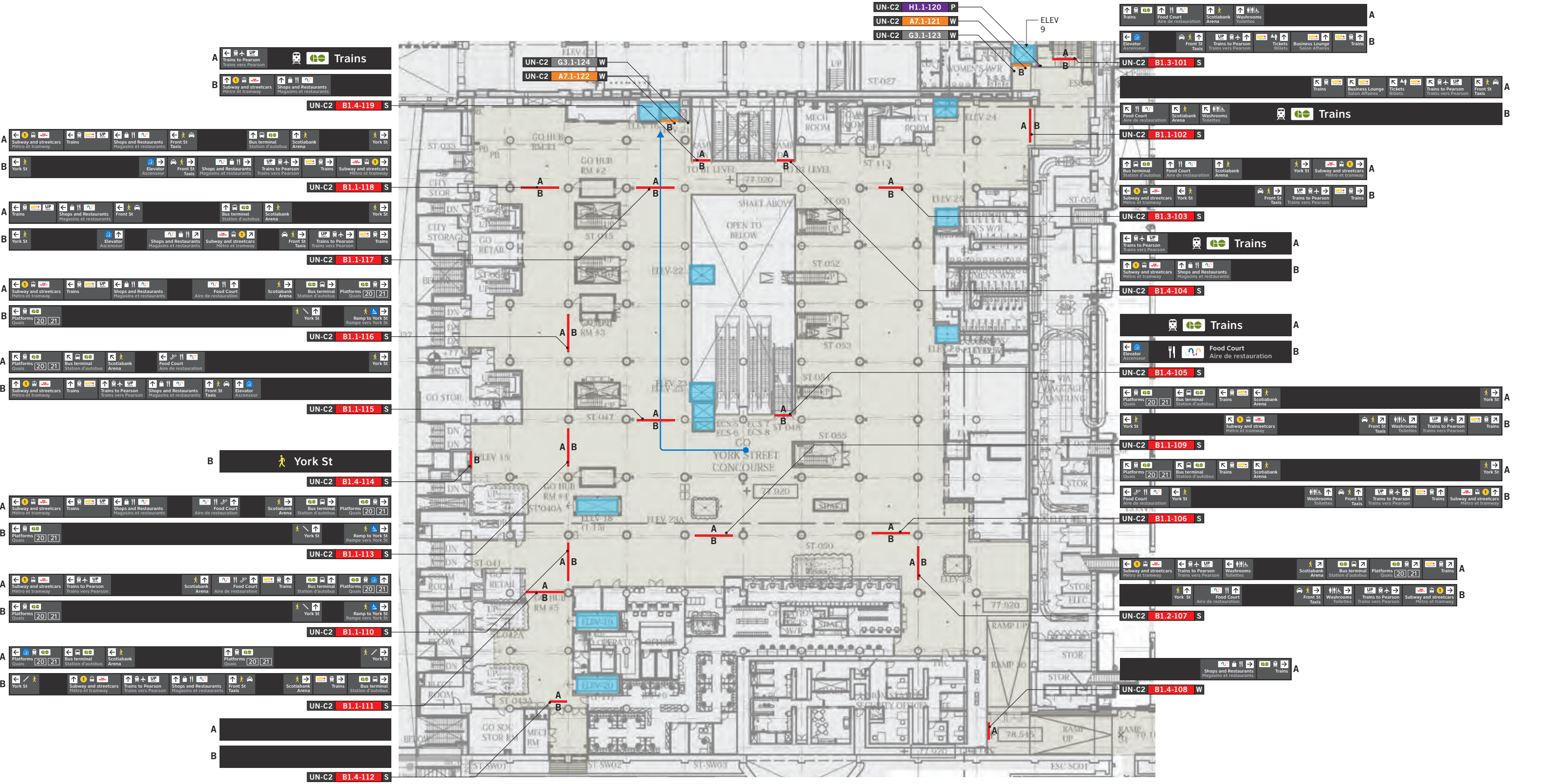


SCALE 1:500



# Level C2 - York Concourse Plan (UN-C2)

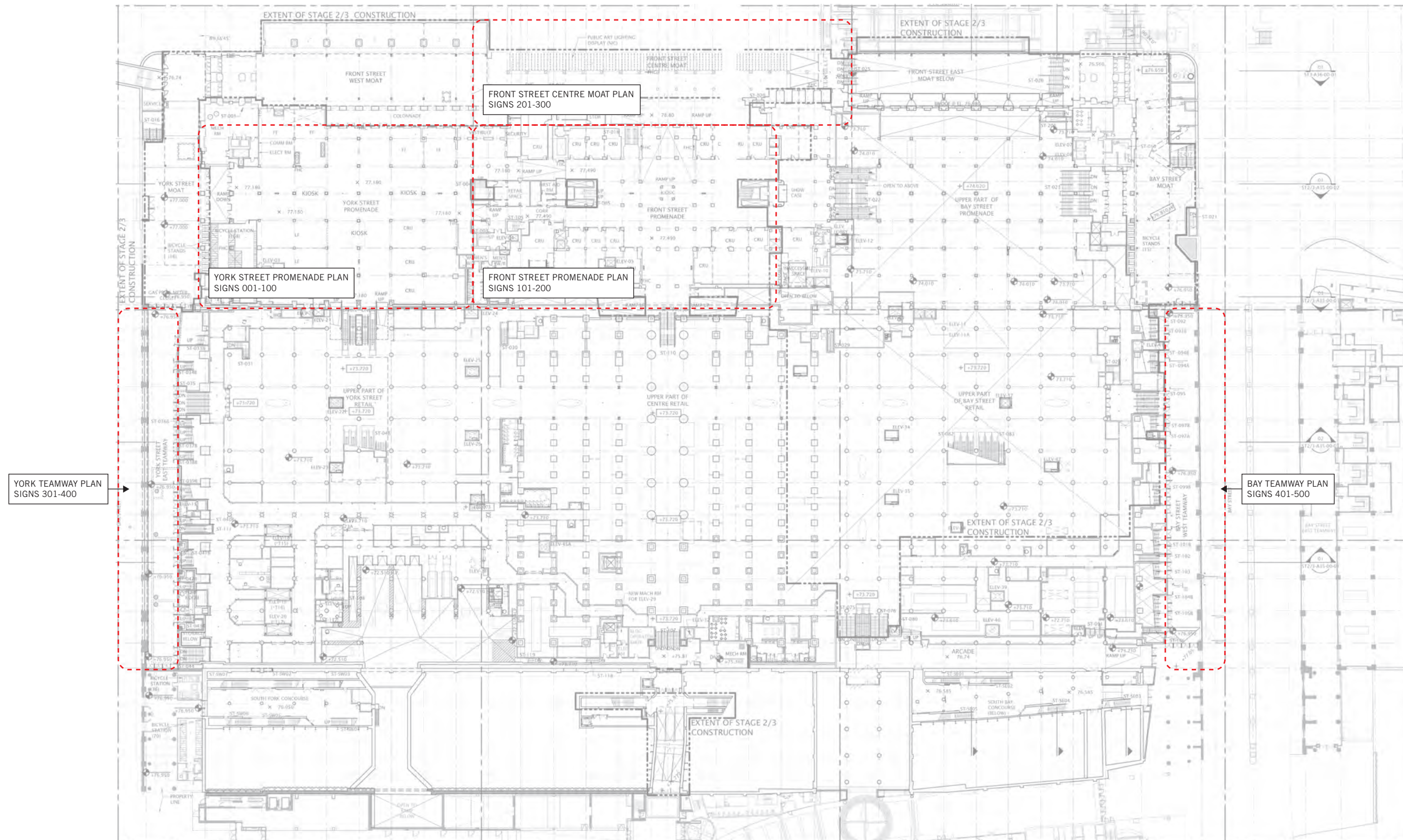
UN-C2 H1.1-120 P  
 UN-C2 A7.1-121 W  
 UN-C2 G3.1-123 W



SCALE 1:500

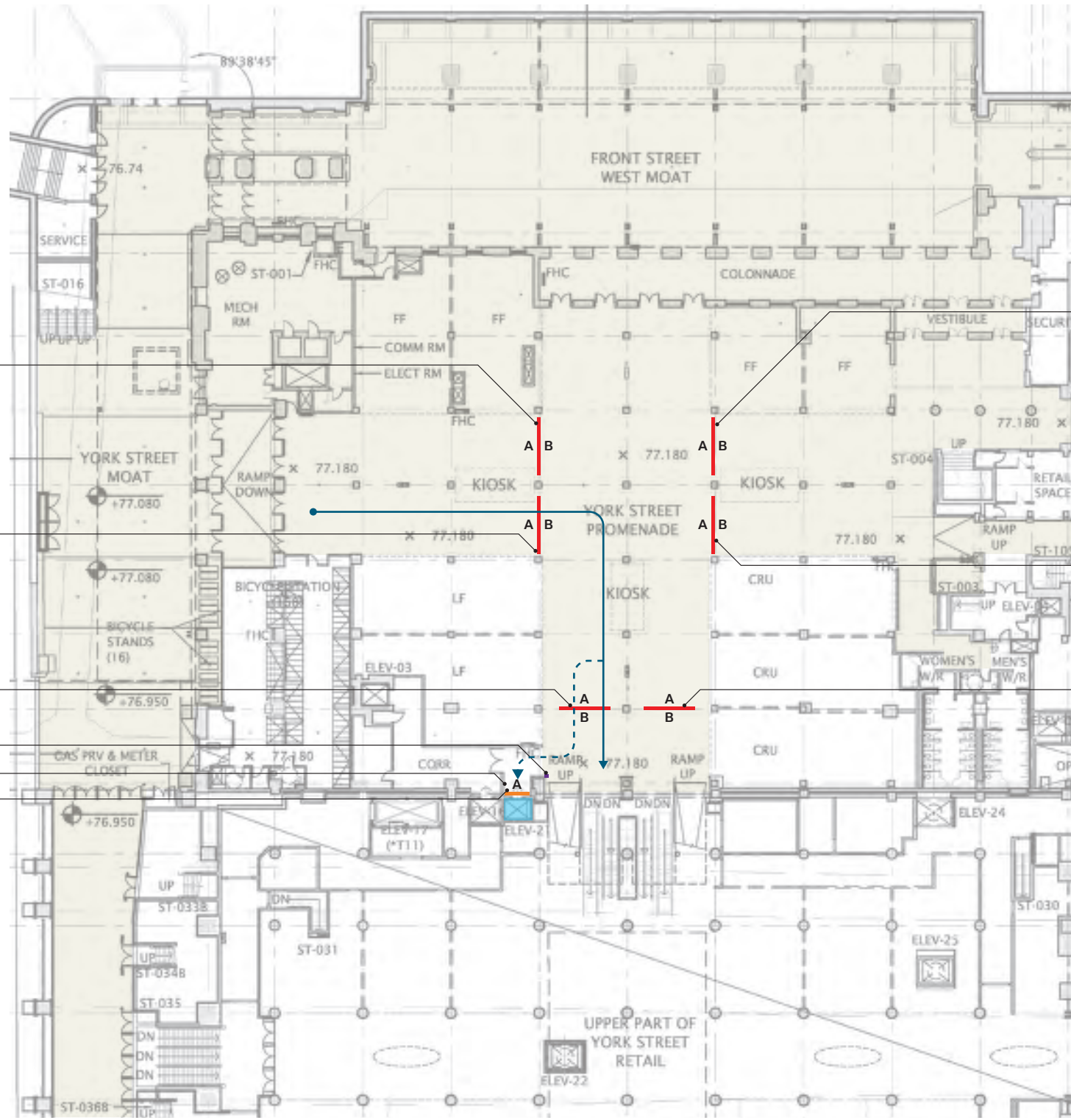


Level B1 - Overall Plan (UN-B1)



SCALE N.T.S.

Level B1 - York Street Promenade Plan (UN-B1)



**A** Trains, Subway and streetcars, Shops and Restaurants, Scotiabank Arena, Washrooms, Food Court, Trains to Pearson, Trains

**B** Trains, Trains to Pearson, Food Court, Scotiabank Arena, York St

UN-B1 B1.1-001 S

**A** Trains, Subway and streetcars, Shops and Restaurants, Scotiabank Arena, Washrooms, Food Court, Trains to Pearson, Trains

**B** Trains, Trains to Pearson, Food Court, Scotiabank Arena, York St

UN-B1 B1.1-002 S

**A** Food Court, Scotiabank Arena, Trains

**B** Subway and streetcars, Shops and Restaurants, York St

UN-B1 B1.4-003 S

UN-C2 H1.1-008 P

UN-C2 G3.1-010 W

UN-C2 A7.1-009 W

Trains, Subway and streetcars, Shops and Restaurants, Front St, Scotiabank Arena, Rogers Centre, Convention Centre, Washrooms, Trains to Pearson, Food Court, Scotiabank Arena, York St

UN-B1 B1.1-004 S

Trains, Subway and streetcars, Shops and Restaurants, Front St, Scotiabank Arena, Rogers Centre, Convention Centre, Washrooms, Trains to Pearson, Food Court, Scotiabank Arena, York St

UN-B1 B1.1-006 S

Trains, Scotiabank Arena, Food Court

Subway and streetcars, Shops and Restaurants, York St

UN-B1 B1.4-007 S

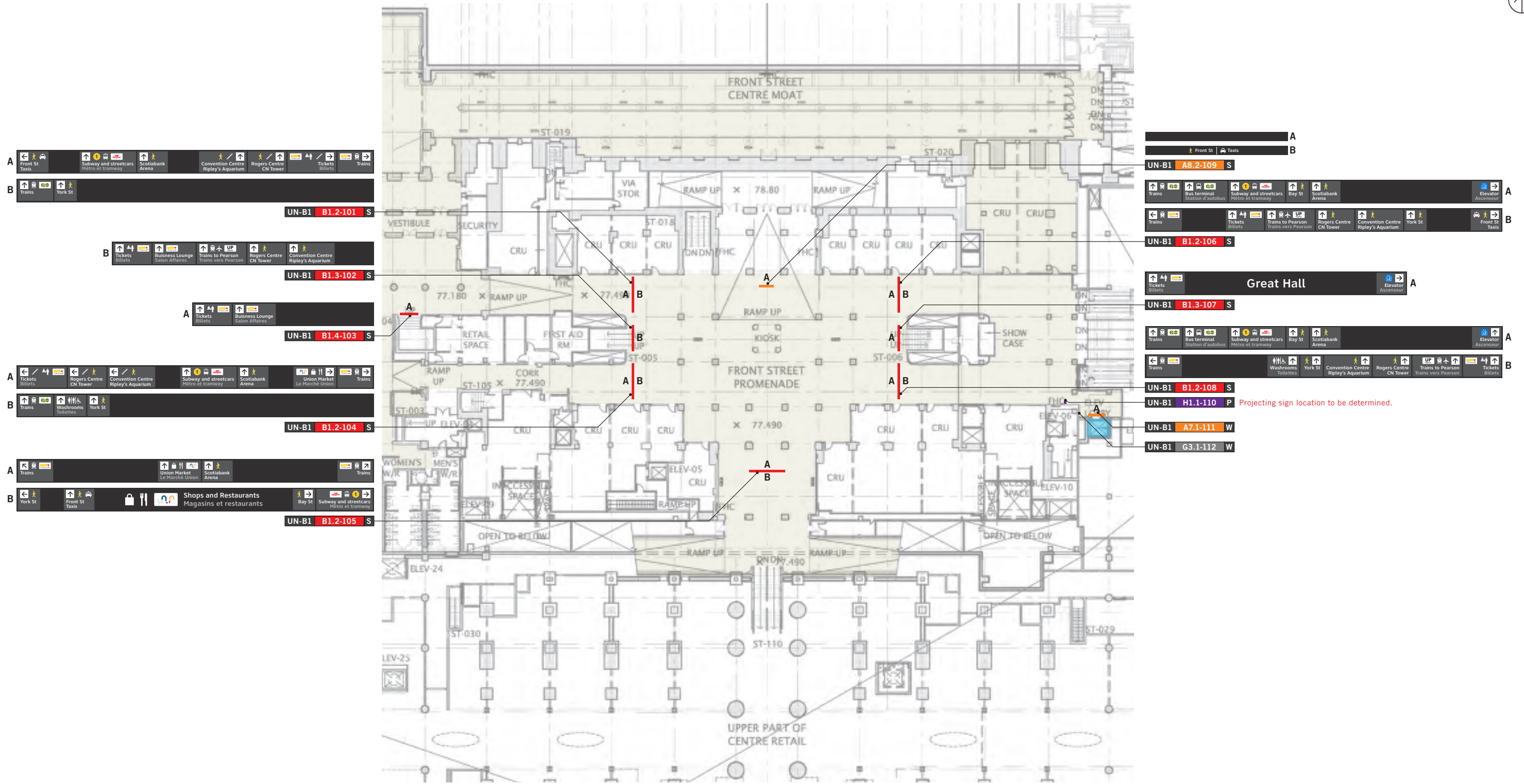
LEGEND

- Path to Scotiabank Arena
- - -> Accessible path to Scotiabank Arena

SCALE 1:500



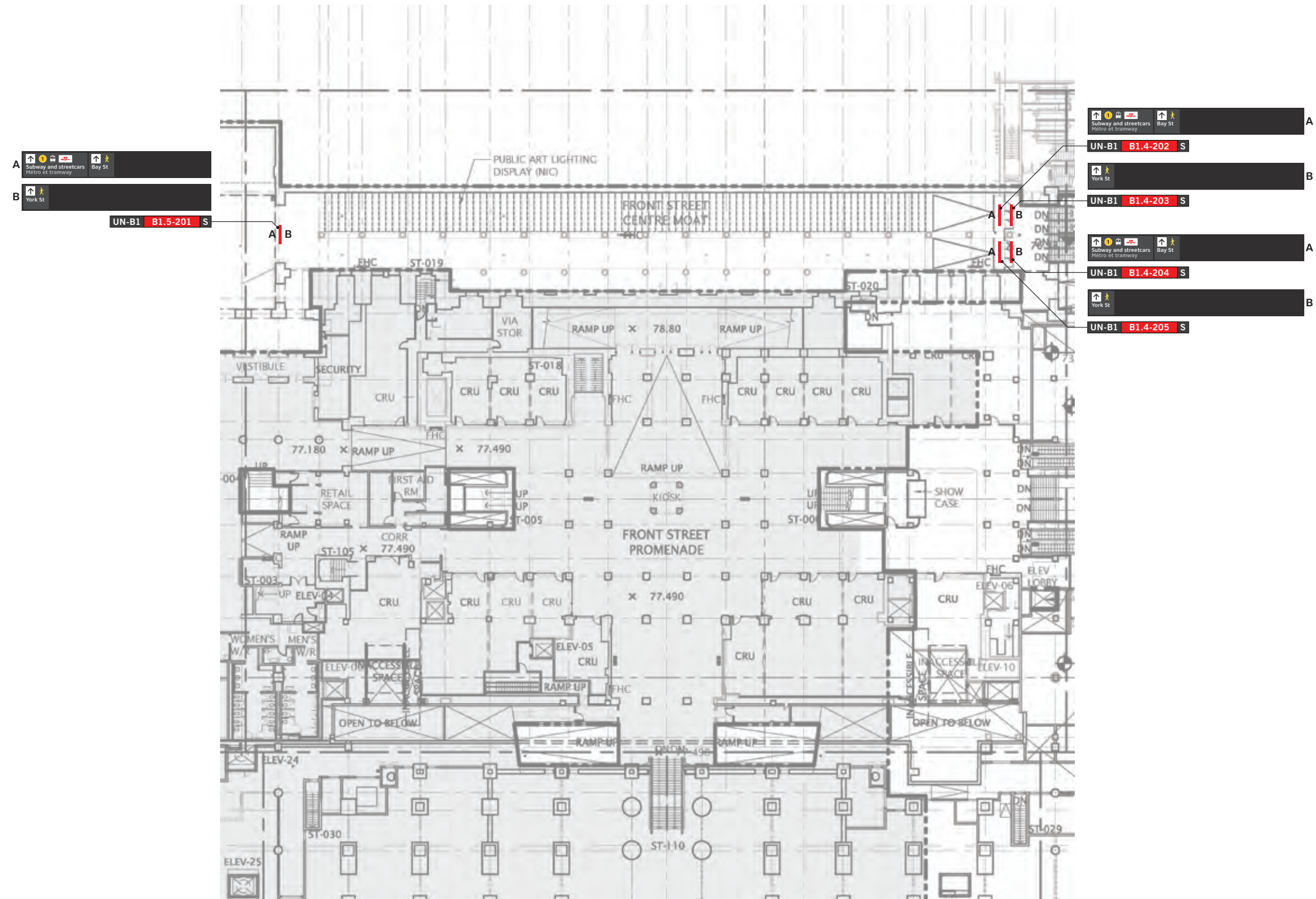
Level B1 - Front Street Promenade Plan (UN-B1)



SCALE 1:500

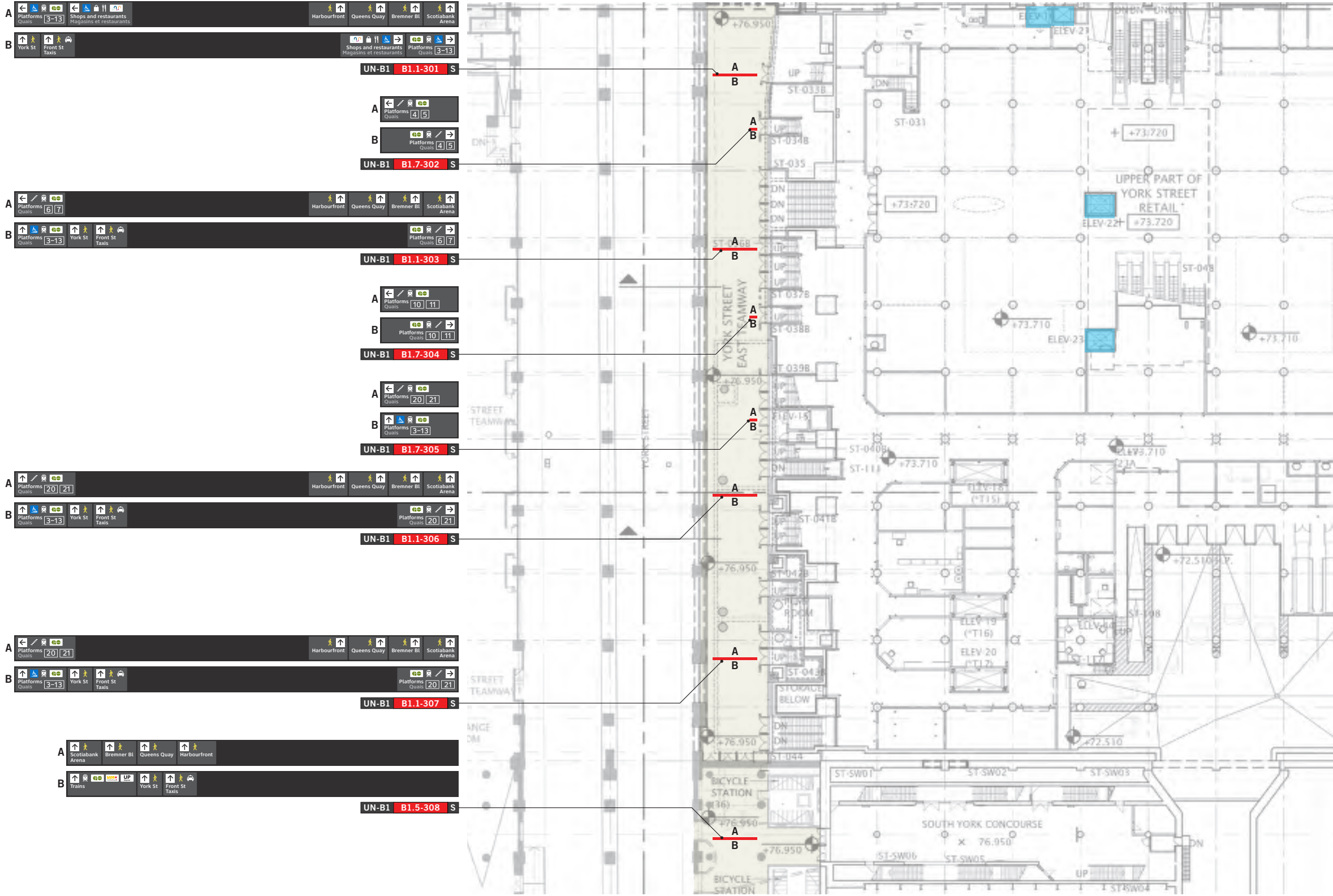


Level B1 - Front Street Centre Moat Plan (UN-B1)



SCALE 1:500

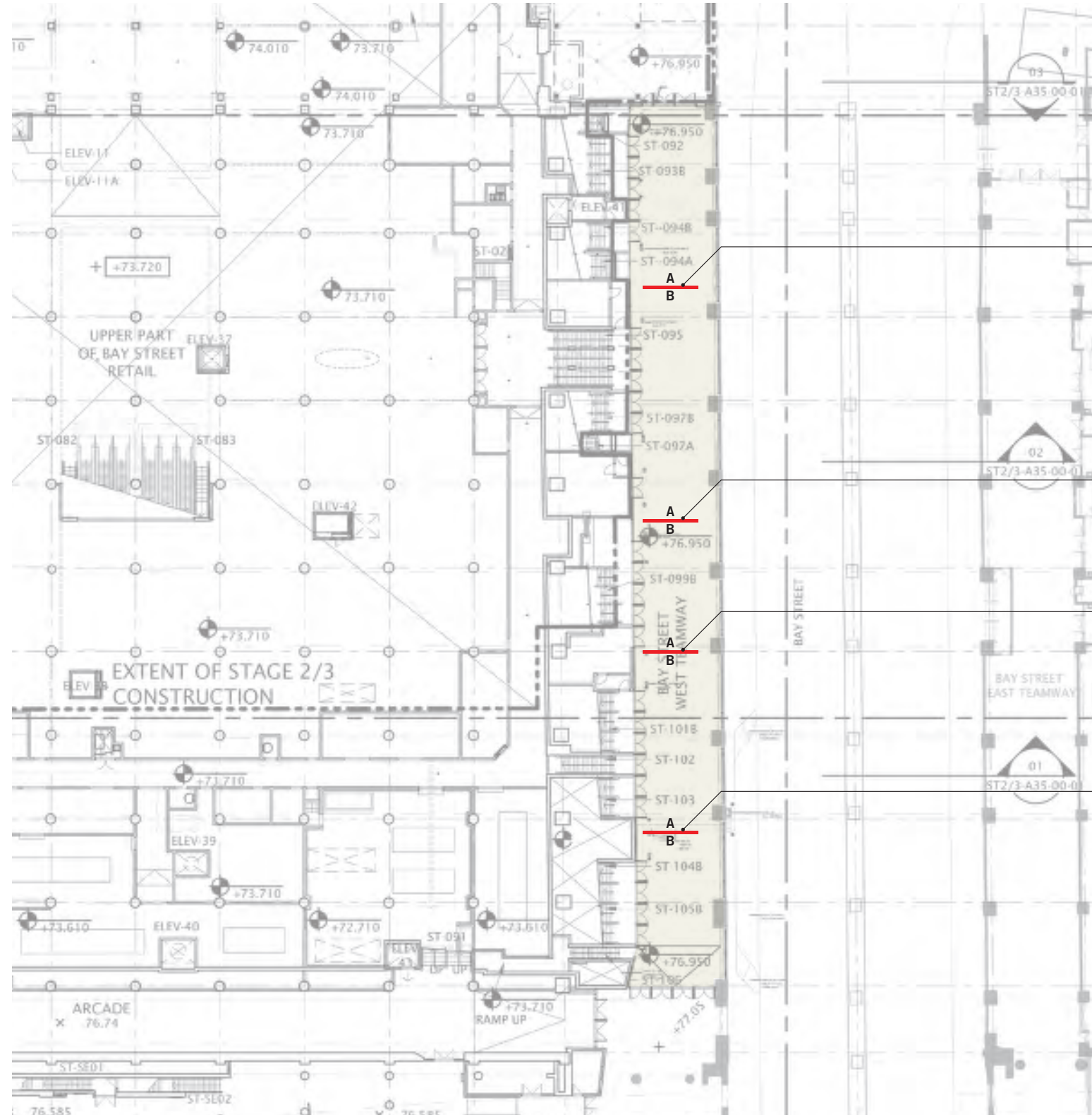
# Level B1 - York Street Teamway Plan (UN-B1)



SCALE 1:500



Level B1 - Bay Street Teamway Plan (UN-B1)

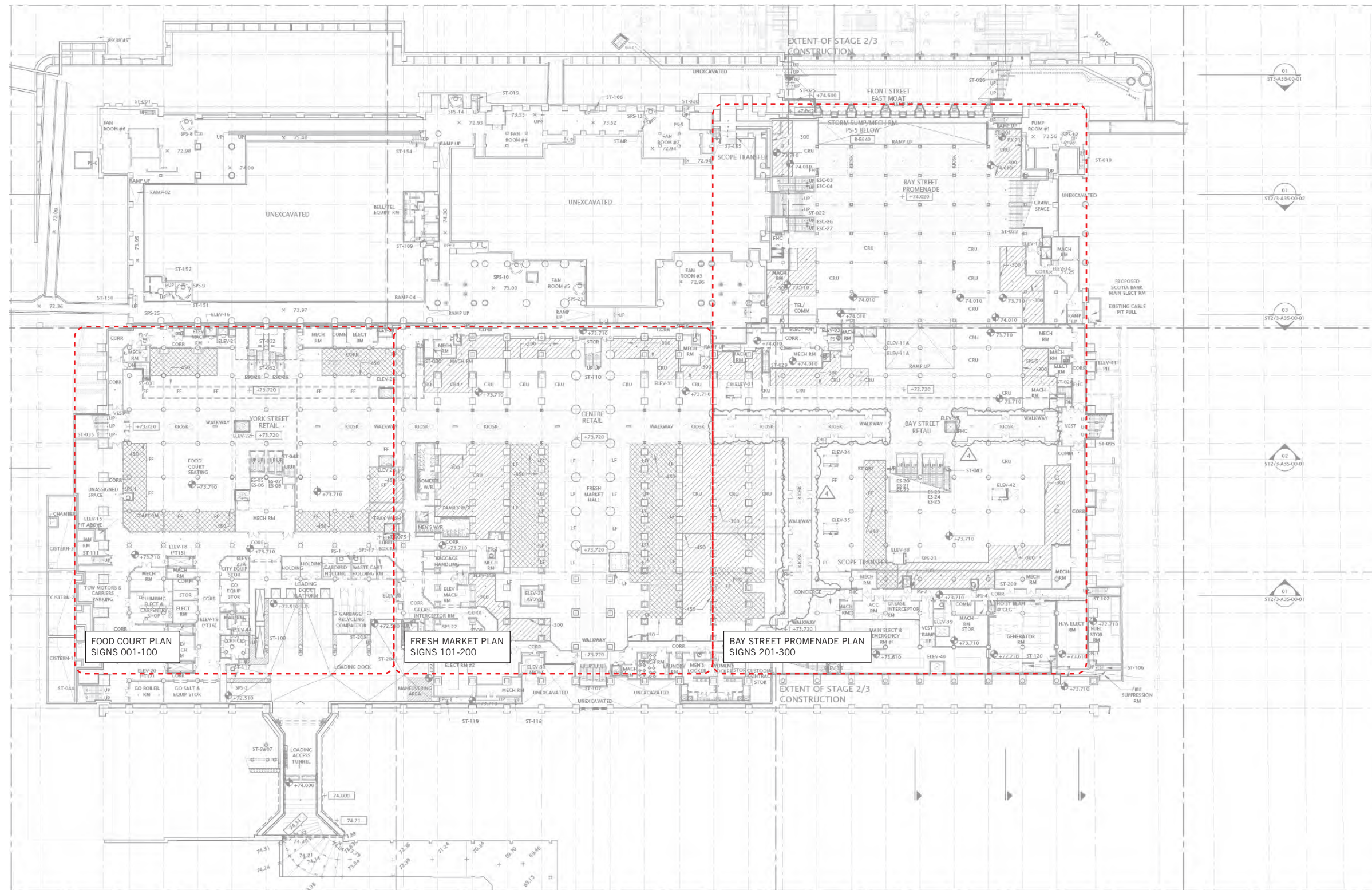


N  
↑

Platforms Quais	20	21	Bus terminal Station d'autobus	Scotiabank Arena	CIBC Square 81 Bay South	Queens Quay	Harbourfront
Subway and streetcars Métro et tramway	Front St Taxis						
<b>UN-B1 B1.1-401 S</b>							
Platforms Quais	20	21	Bus terminal Station d'autobus	Scotiabank Arena	CIBC Square 81 Bay South	Queens Quay	Harbourfront
Subway and streetcars Métro et tramway	Front St Taxis						
<b>UN-B1 B1.1-402 S</b>							
Platforms Quais	20	21	Bus terminal Station d'autobus	Scotiabank Arena	CIBC Square 81 Bay South	Queens Quay	Harbourfront
Subway and streetcars Métro et tramway	Front St Taxis						
<b>UN-B1 B1.1-403 S</b>							
Bus terminal Station d'autobus	Scotiabank Arena	CIBC Square 81 Bay South	Queens Quay	Harbourfront	Platforms Quais	20	21
Subway and streetcars Métro et tramway	Front St Taxis						
<b>UN-B1 B1.1-404 S</b>							

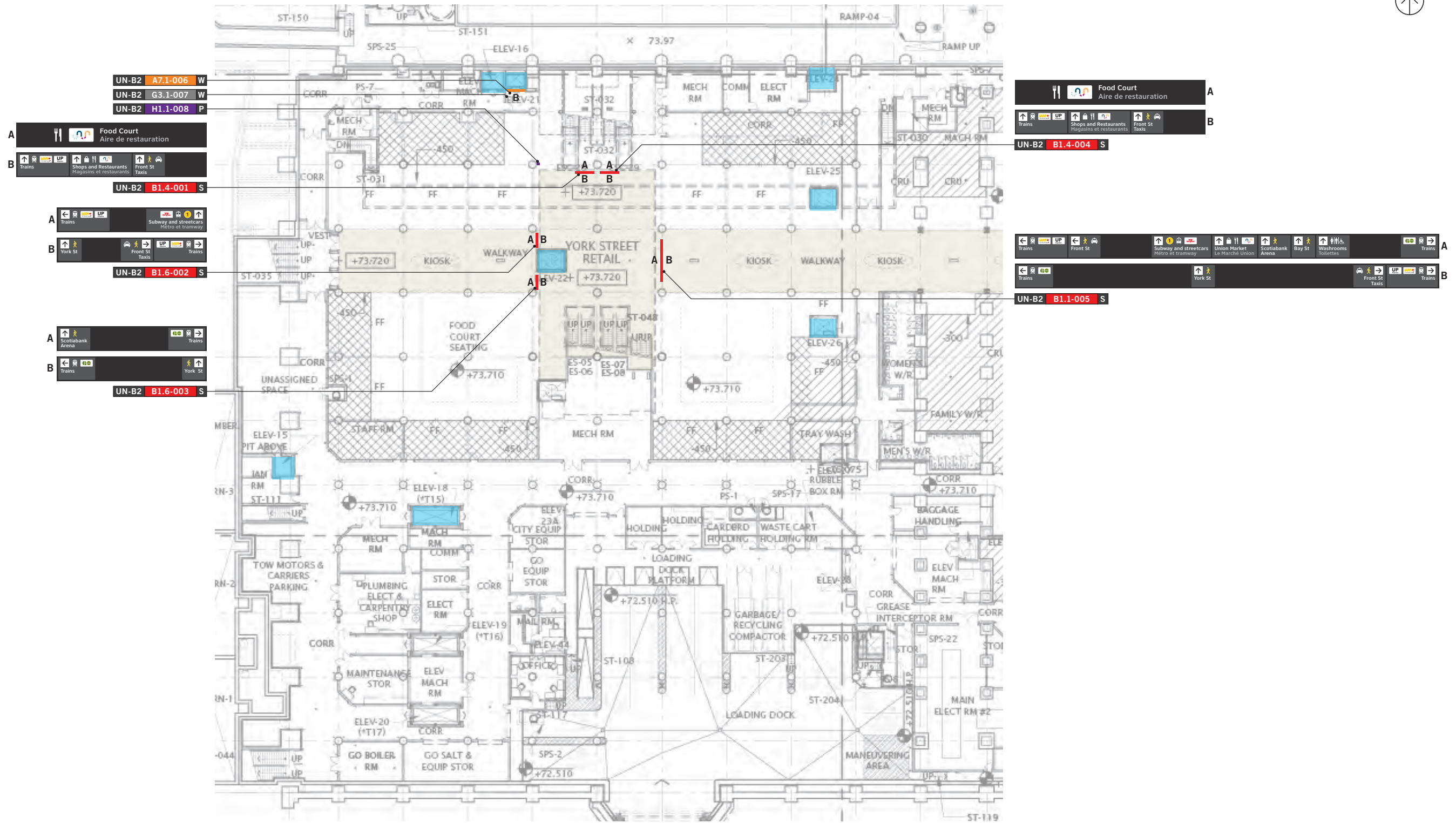
SCALE 1:500

Level B2 - Overall Plan (UN-B2)



SCALE N.T.S.

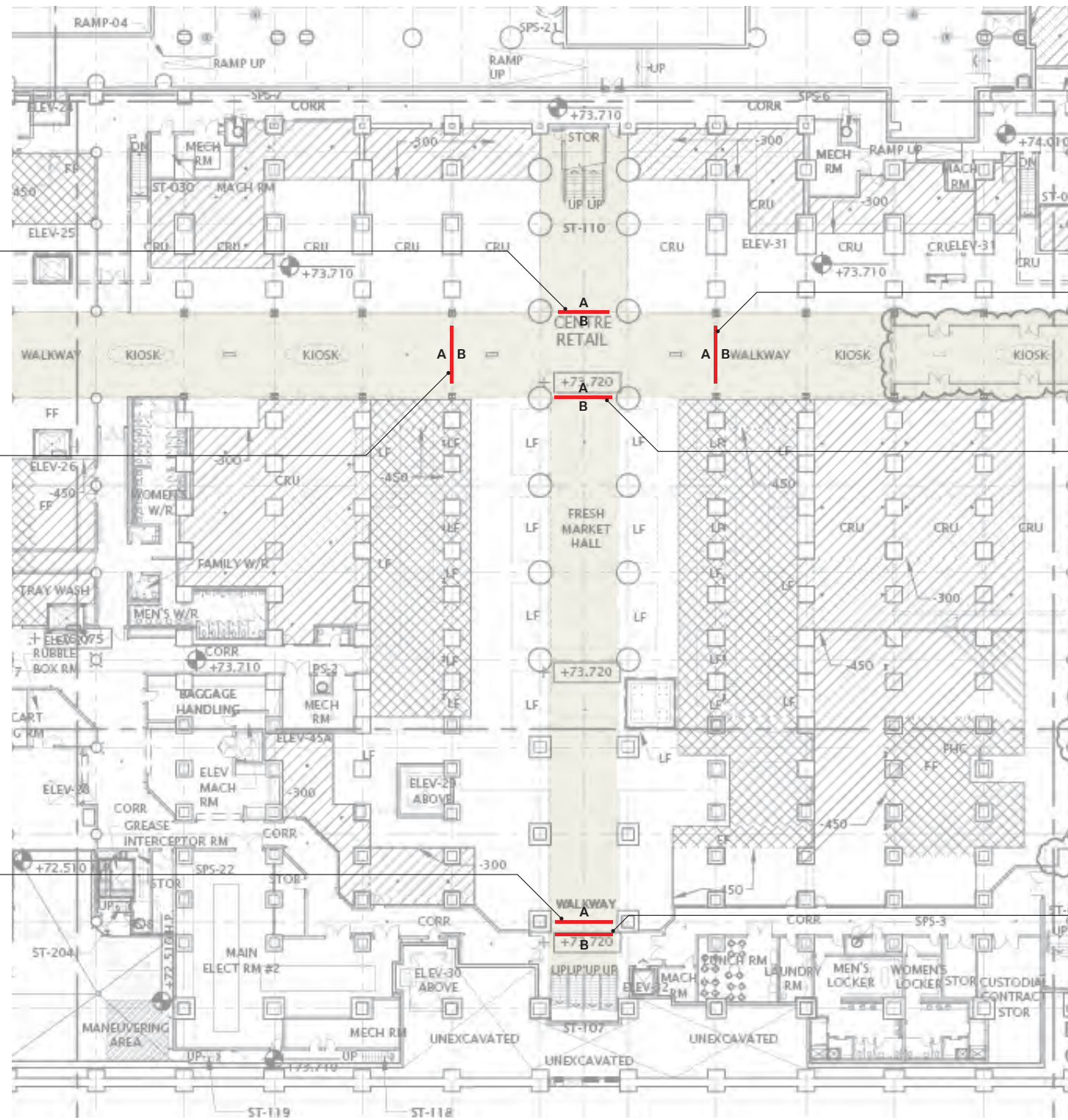
Level B2 - Food Court Plan (UN-B2)



SCALE 1:500



Level B2 - Fresh Market Plan (UN-B2)



**A** Trains, Subway and streetcars, Scotiabank Arena, Bay St, York St, Food Court, Aire de restauration, Trains

**B** Trains, Front St Taxis

UN-B2 B1.2-101 S

Trains, Subway and streetcars, Scotiabank Arena, Bay St

Trains, Food Court, Aire de restauration, York St, Washrooms, Toiletttes, Front St Taxis, Shops and Restaurants, Magasins et restaurants, Trains

UN-B2 B1.1-104 S

**A** Trains, Shops and Restaurants, Magasins et restaurants, Front St Taxis, Bay St, Scotiabank Arena, Subway and streetcars, Metro et tramway, Trains

**B** Trains, Food Court, Aire de restauration, York St, Washrooms, Toiletttes

UN-B2 B1.1-102 S

Trains, Subway and streetcars, Scotiabank Arena, Bay St, York St, Food Court, Aire de restauration, Trains

Trains, Food Court, Aire de restauration, York St, Trains, Front St Taxis, Bay St, Scotiabank Arena, Subway and streetcars, Metro et tramway, Trains

UN-B2 B1.1-105 S

**A** Trains

UN-B2 B1.1-103 W

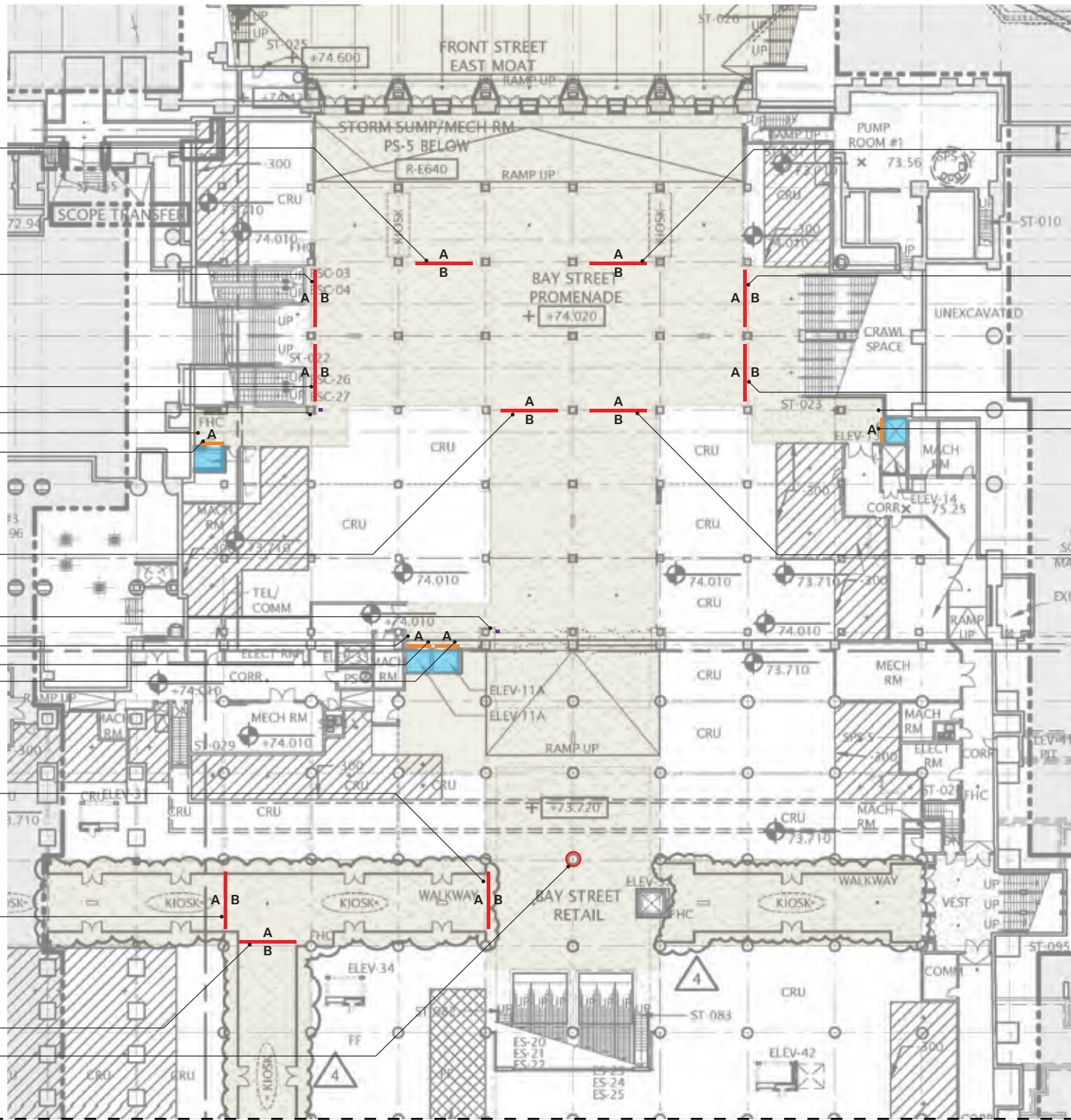
Food Court, Aire de restauration, Union Market, Le Marché Union, Shops and Restaurants, Magasins et restaurants

UN-B2 B1.1-106 W

SCALE 1:500



# Level B2 - Bay Street Promenade Plan (UN-B2)



UN-B2 B1.1-201 S  
 Bay St Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena CIBC Square York St Shops and Restaurants Magasins et restaurants Trains

UN-B2 B1.1-208 S  
 Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 B1.1- S  
 Subway and streetcars Métro et tramway Bay St Scotiabank Arena Union Market Le Marché Union Bus terminal Station d'autobus Trains

UN-B2 B1.1- S  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Rogers Centre CN Tower Convention Centre Ripley's Aquarium York St

UN-B2 B1.1-203 S  
 Subway and streetcars Métro et tramway Bay St Scotiabank Arena Union Market Le Marché Union Bus terminal Station d'autobus Trains

UN-B2 H1.1-213 P  
 Elevator Ascenseur Trains Shops and Restaurants Magasins et restaurants Rogers Centre CN Tower Convention Centre Ripley's Aquarium York St

UN-B2 G3.1-214 W  
 Elevator Ascenseur Trains Shops and Restaurants Magasins et restaurants Rogers Centre CN Tower Convention Centre Ripley's Aquarium York St

UN-B2 A7.1-215 W  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Elevator Ascenseur

UN-B2 B1.1-204 S  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Elevator Ascenseur

UN-B2 H1.1-216 P  
 Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 G3.1-217 W  
 Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 A7.1-218 W  
 Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 A7.1-219 W  
 Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 B1.1-205 S  
 Subway and streetcars Métro et tramway Trains Bay St Bus terminal Station d'autobus Trains

UN-B2 B1.1-206 S  
 Scotiabank Arena Union Market Le Marché Union Food Court Aire de restauration

UN-B2 B1.1-207 S  
 Trains Bus terminal Station d'autobus Subway and streetcars Métro et tramway Bay St Scotiabank Arena

UN-B2 B1.1-206 S  
 Scotiabank Arena York St Food Court Aire de restauration Trains

UN-B2 B1.1-207 S  
 Scotiabank Arena Trains Food Court Aire de restauration York St Subway and streetcars Métro et tramway Bay St Bus terminal Station d'autobus Trains

UN-B2 B6.1-222 W  
 Trains Food Court Aire de restauration York St Subway and streetcars Métro et tramway Bay St Bus terminal Station d'autobus Trains

UN-B2 B1.1-208 S  
 Bay St Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena CIBC Square York St Shops and Restaurants Magasins et restaurants Trains

UN-B2 B1.1-209 S  
 Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 B1.1-209 S  
 Bay St Front St Trains Elevator Ascenseur

UN-B2 B1.1-209 S  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway

UN-B2 B1.1-210 S  
 Bay St Front St Taxis Elevator Ascenseur

UN-B2 B1.1-210 S  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway

UN-B2 G3.1-220 W  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway

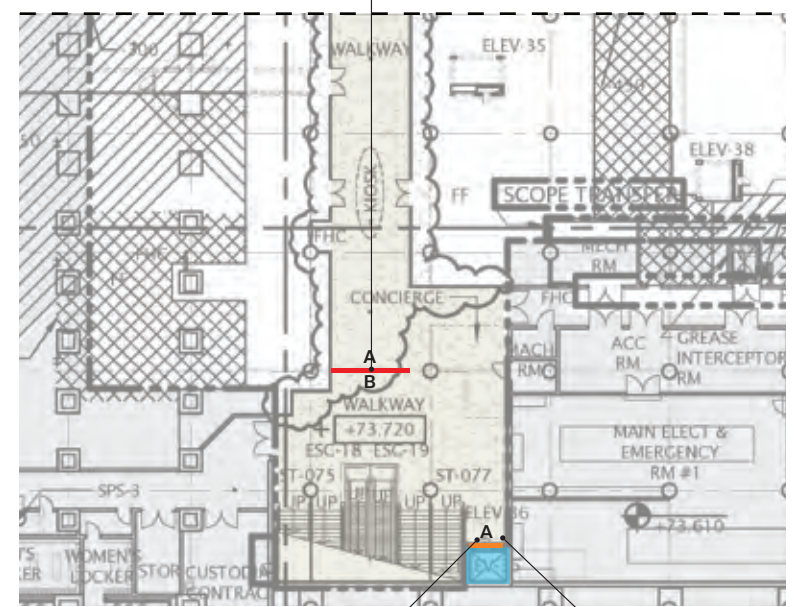
UN-B2 A7.1-221 W  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Elevator Ascenseur

UN-B2 B1.1-211 S  
 Trains Bus terminal Station d'autobus Union Market Le Marché Union Scotiabank Arena Elevator Ascenseur

UN-B2 B1.1-211 S  
 Trains Shops and Restaurants Magasins et restaurants York St Subway and streetcars Métro et tramway Royal Bank Plaza Brookfield Place Front St Taxis Bay St

UN-B2 B1.1-212 S  
 Elevator Ascenseur Scotiabank Arena

UN-B2 B1.1-212 S  
 Food Court Aire de restauration Union Market Le Marché Union Subway and streetcars Métro et tramway



UN-B2 A7.1-223 W  
 UN-B2 G3.1-224 W

SCALE 1:500



Section 4

# Sign Layouts



SIDE A  York St

A8.2-001

SIDE B     Trains

A8.2-002

SIDE A   York St    Front St Taxis   Buisness Lounge Salon Affaires   Convention Centre Ripley's Aquarium   Rogers Centre CN Tower     Trains to Pearson Trains vers Pearson

SIDE B     Trains to Pearson Trains vers Pearson   Rogers Centre CN Tower   Convention Centre Ripley's Aquarium   York St

B1.1-003

SIDE A   York St   Washrooms Toilettes    Tickets Billets     Subway and streetcars Métro et tramway     Trains

SIDE B     Trains to Pearson Trains vers Pearson   Rogers Centre CN Tower   Convention Centre Ripley's Aquarium

B1.1-004

SCALE 1:15



B1.3-005

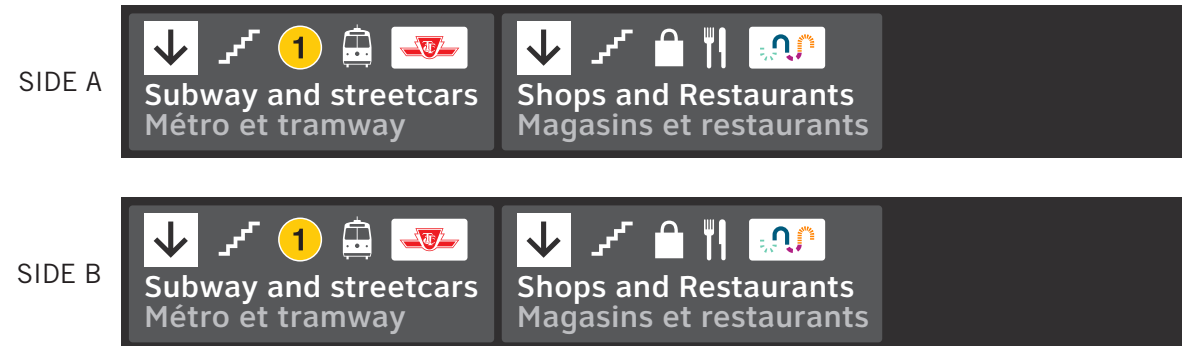


B1.4-006



B1.4-007

SCALE 1:15



B2.1-101

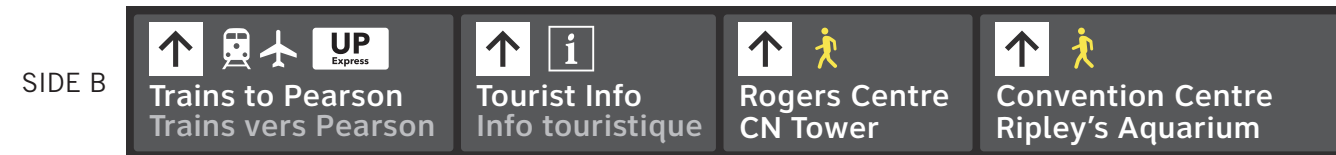


B1.4-102

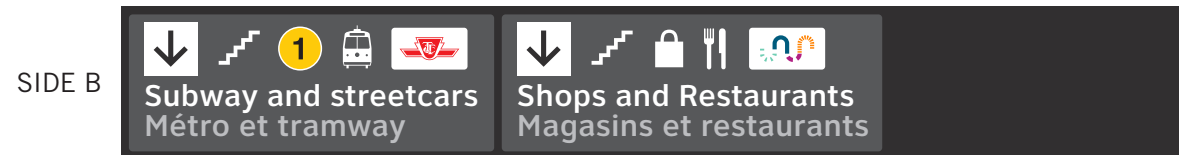
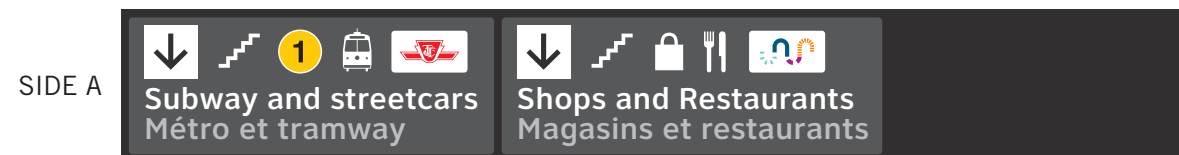


B1.4-103

SCALE 1:15



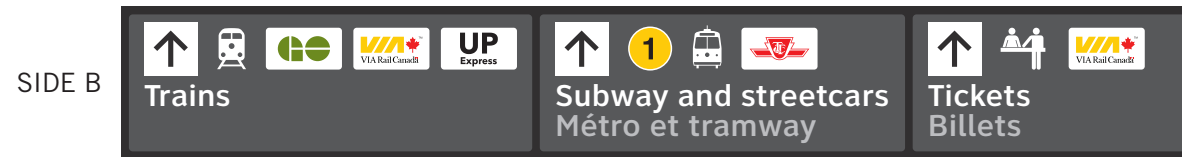
B1.4-104



B2.1-105



B1.5-106



B1.5-107



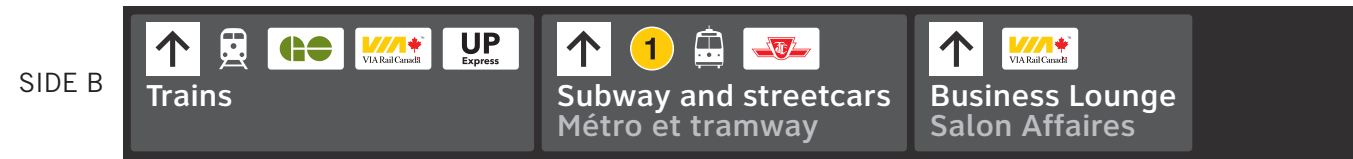
A8.1-112, A8.1-113



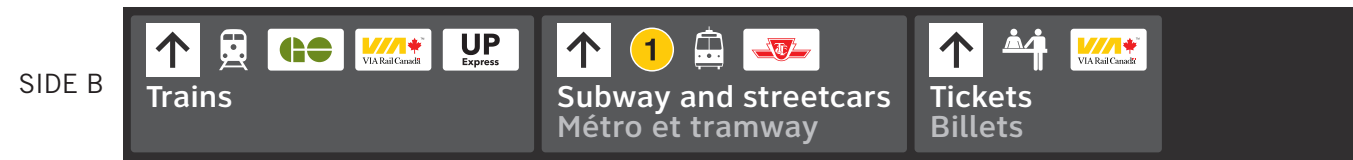
A8.2-201



A8.2-202



B1.1-203

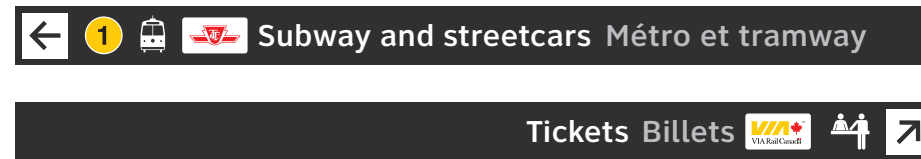


B1.1-204

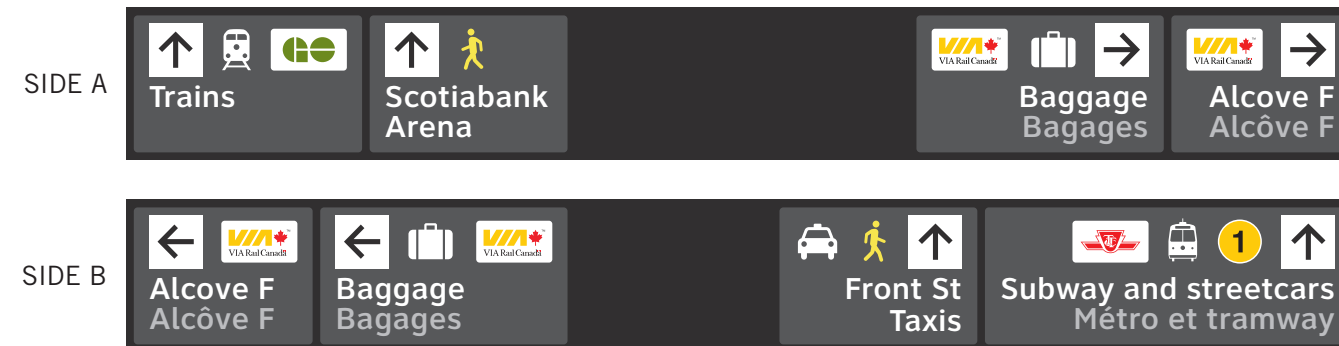
SCALE 1:15



B1.4-001



A8.2-002



B1.4-003



B1.4-004

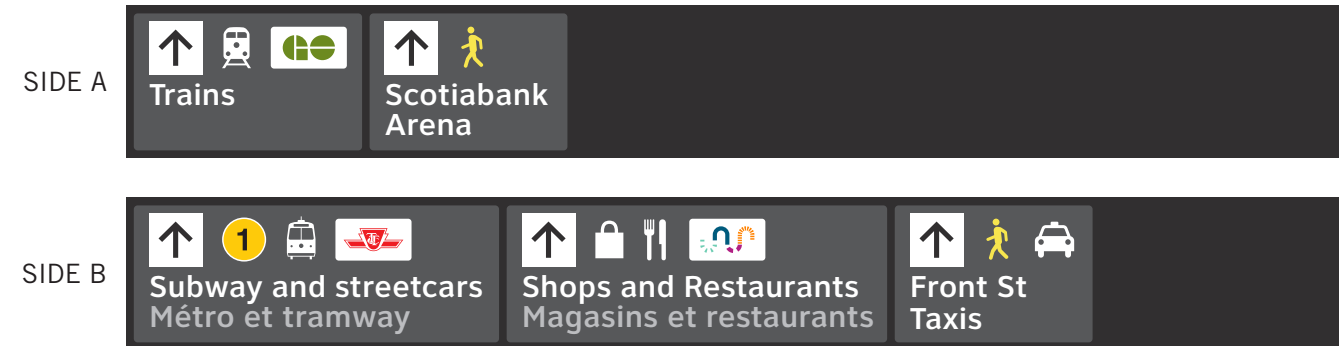


B1.3-005

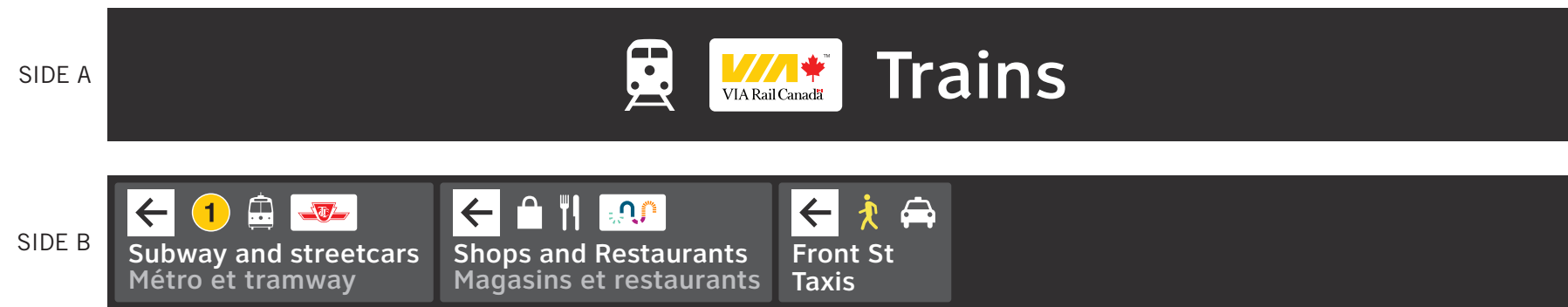


B1.5-006





B1.4-007

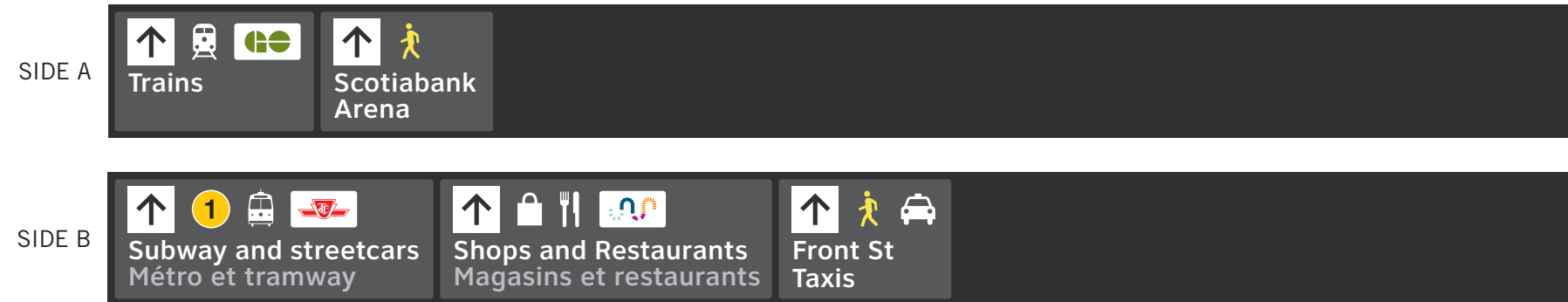


B1.3-008



B1.3-009

SCALE 1:15



B1.3-010

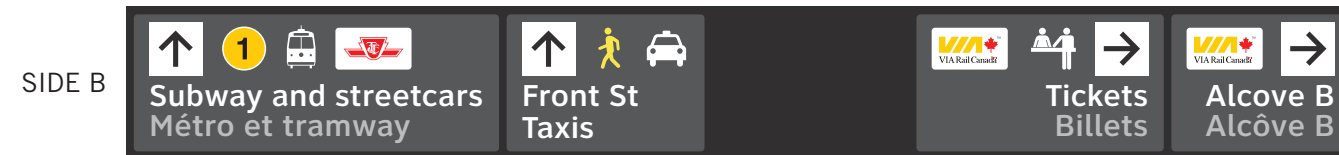


B1.4-011

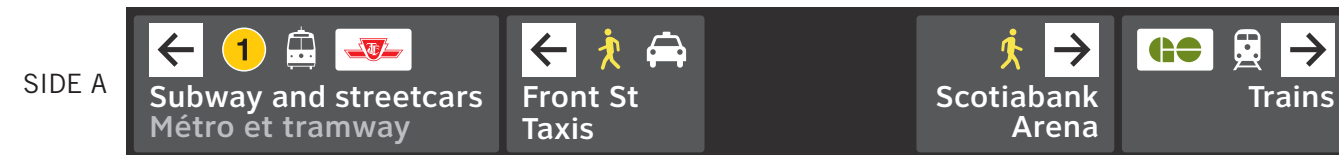


B1.4-012

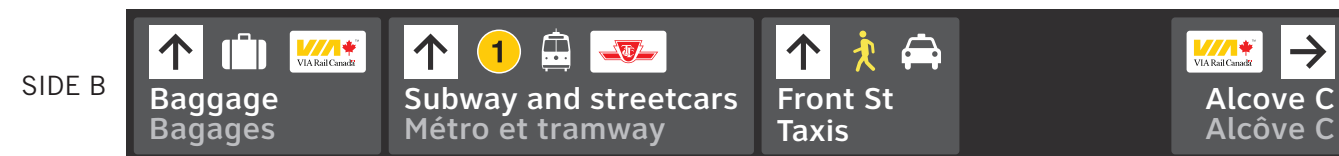
SCALE 1:15



B1.4-013



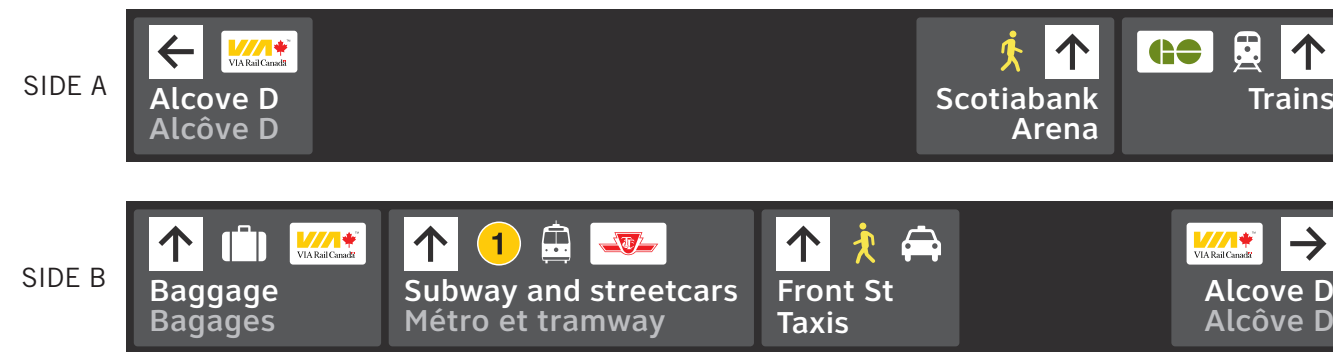
B1.4-014



B1.4-015



A8.2-016



B1.4-017



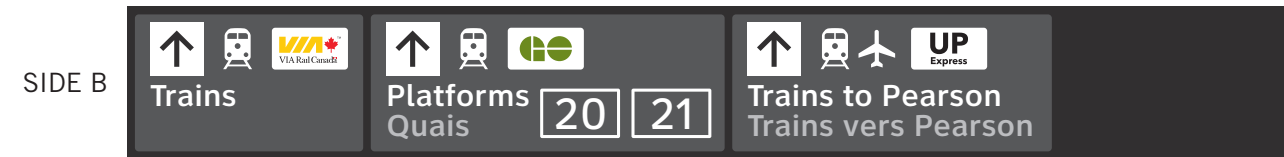
A8.2-018



B1.1-019



B1.1-020



B1.4-024



B1.3-025



B1.3-026



B1.3-027



B1.3-028



B1.3-029



B1.3-030

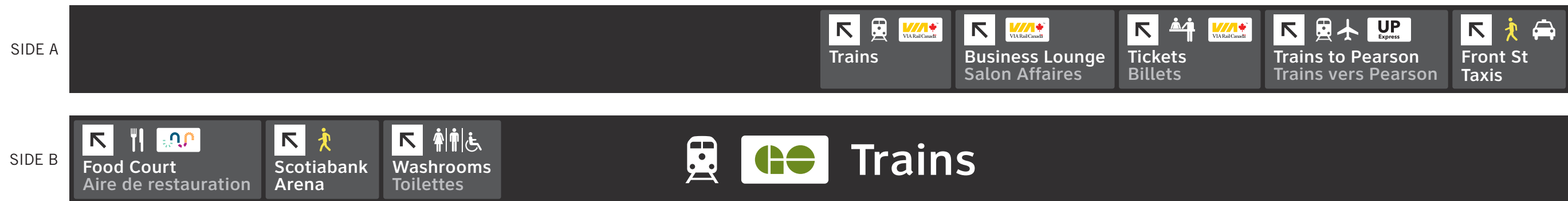


B1.3-031

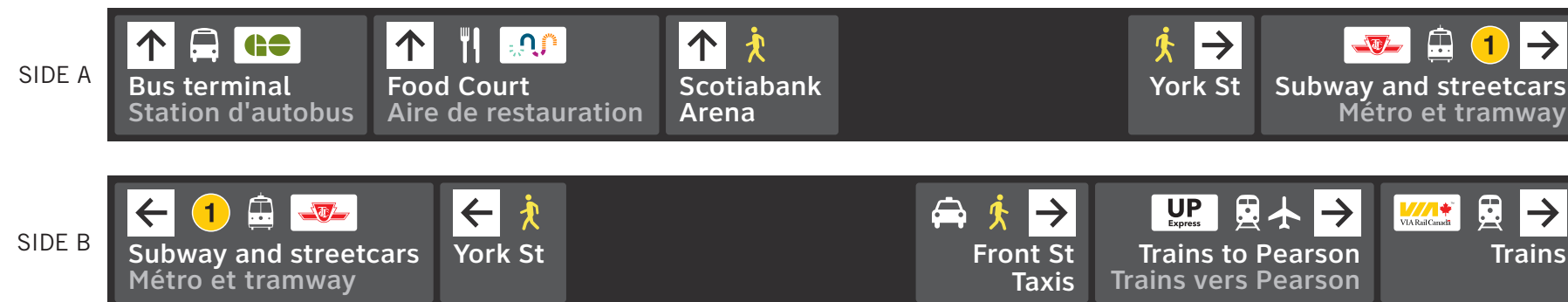




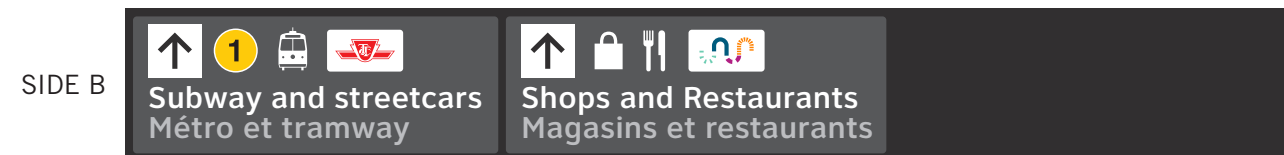
B1.3-101



B1.1-102



B1.3-103



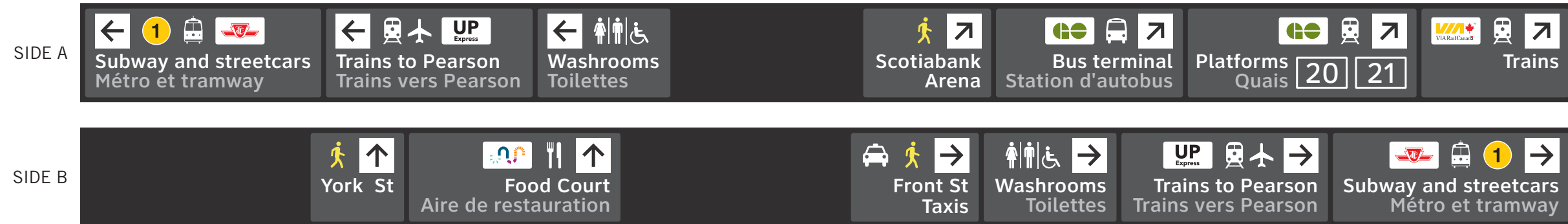
B1.4-104, B1.4-119



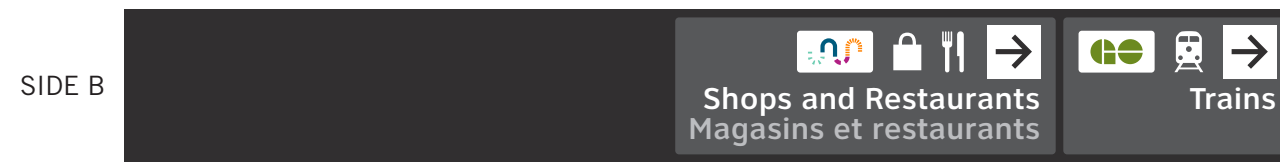
B1.4-105



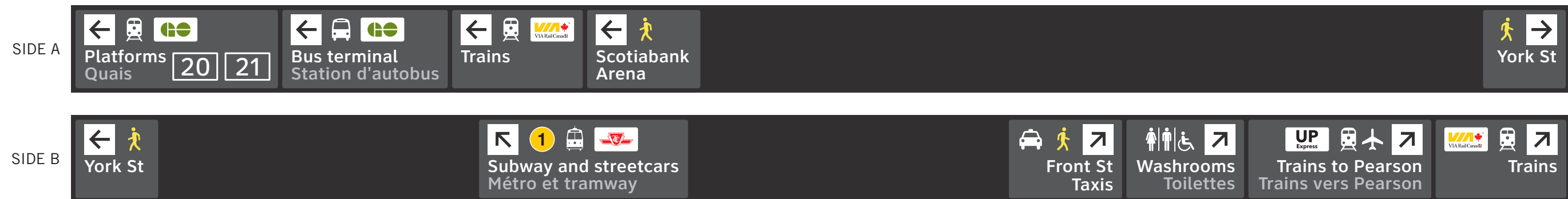
B1.1-106



B1.2-107



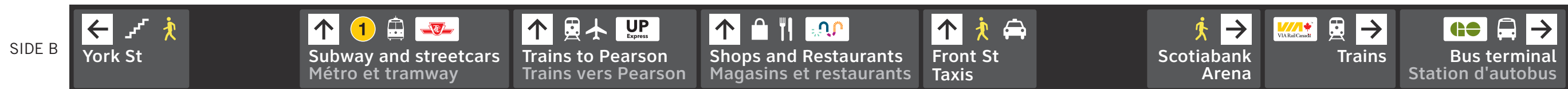
B1.4-108 (SITE VERIFY WIDTH)



B1.1-109



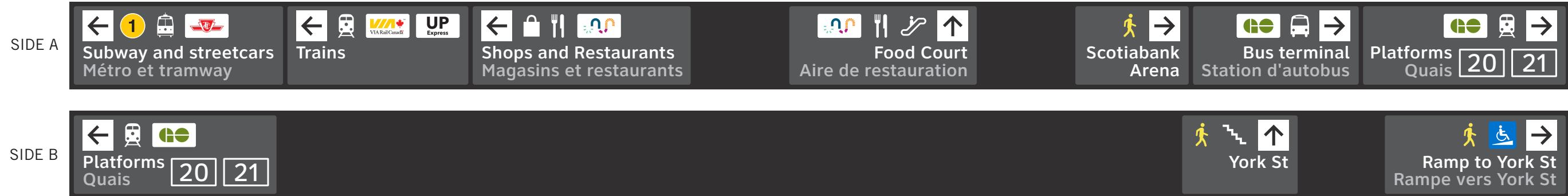
B1.1-110



B1.1-111



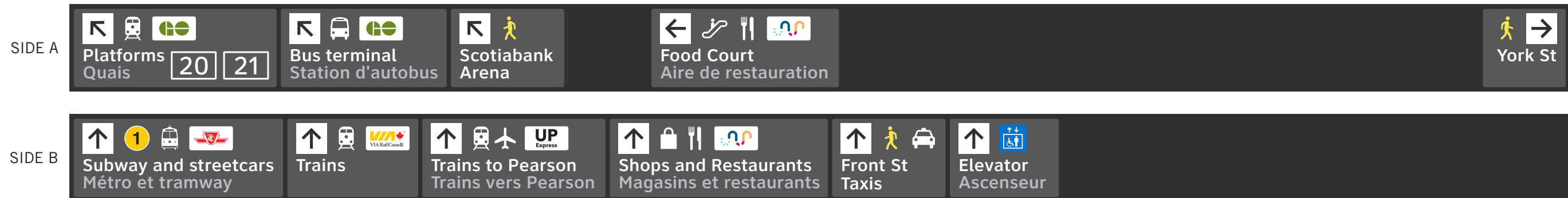
B1.4-112



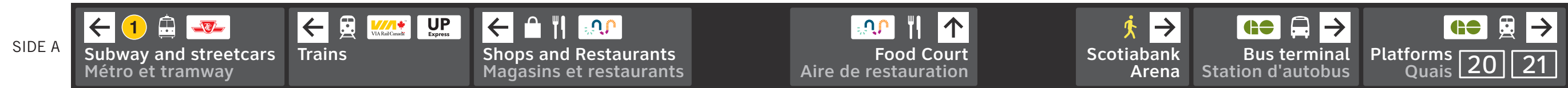
B1.1-113



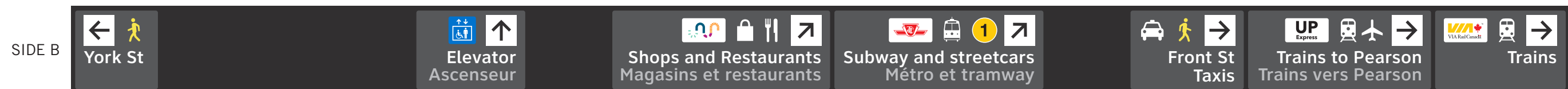
B1.1-114



B1.1-115



B1.1-116



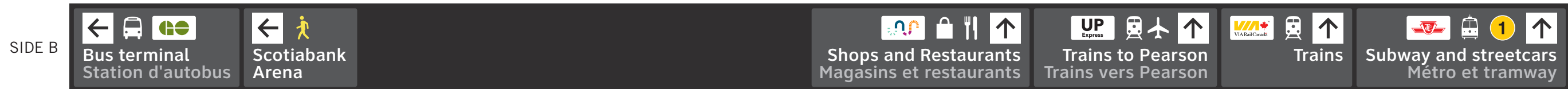
B1.1-117



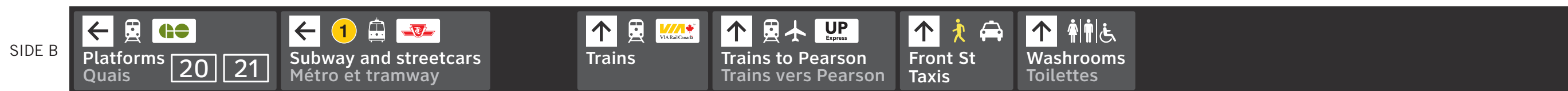
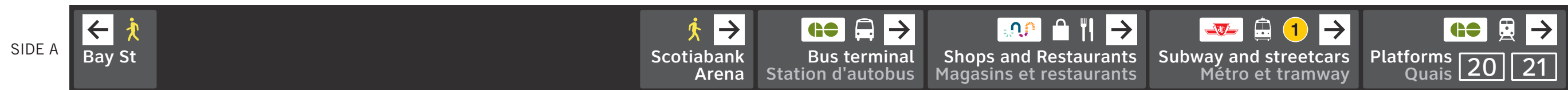
B1.1-118



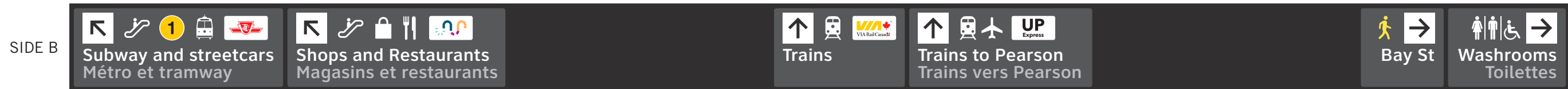
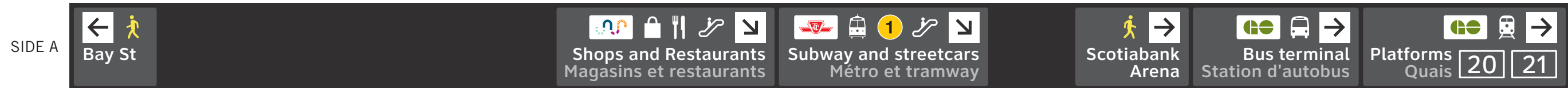
B1.2-001



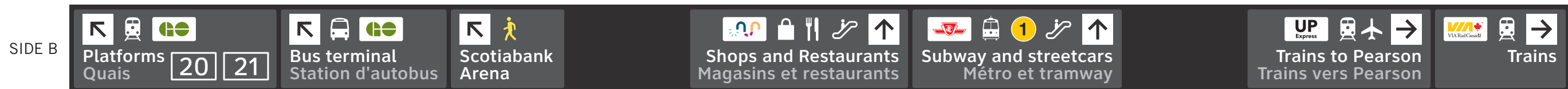
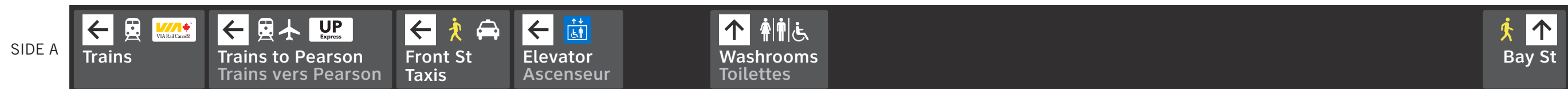
B1.1-002



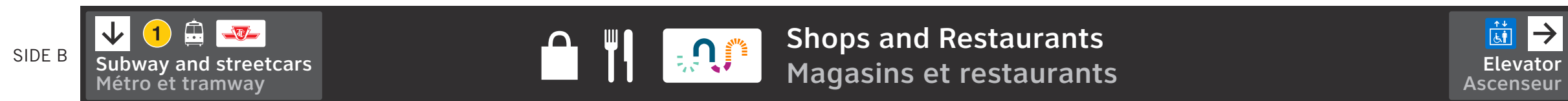
B1.1-003



B1.1-004

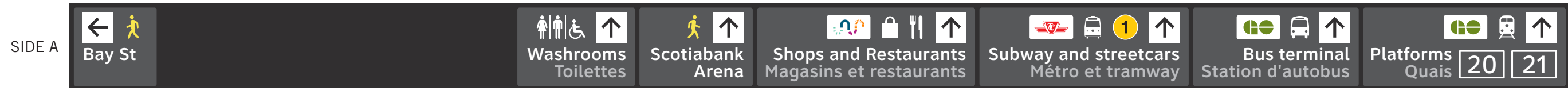


B1.1-005

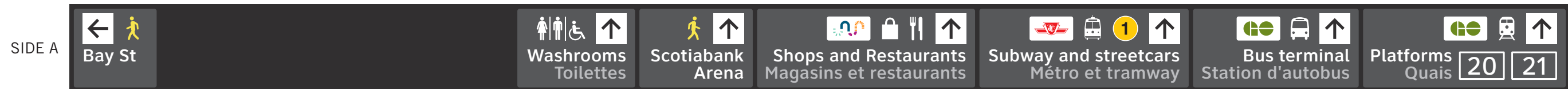


B1.2-006





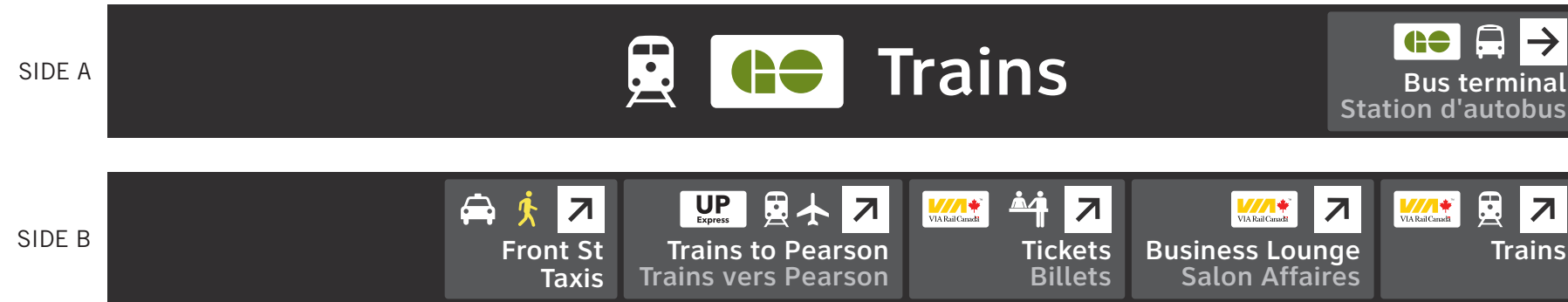
B1.1-007



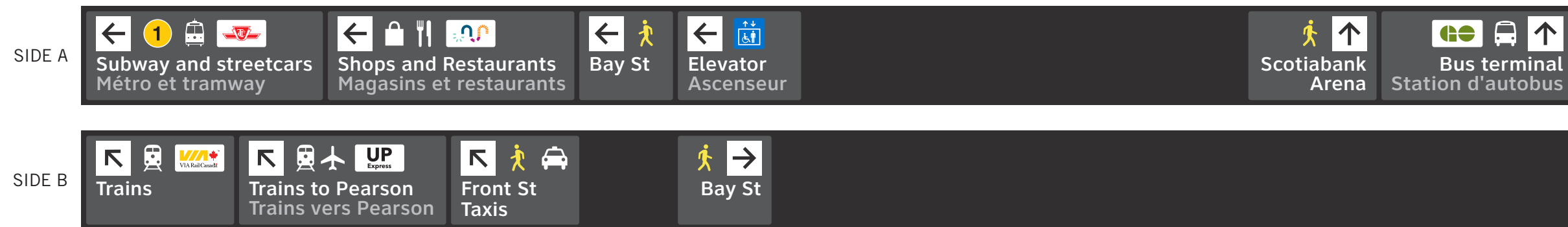
B1.1-008



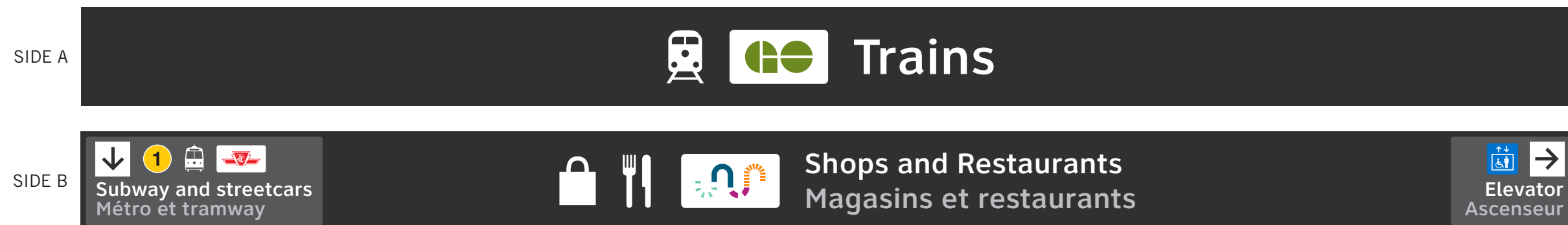
B1.2-009



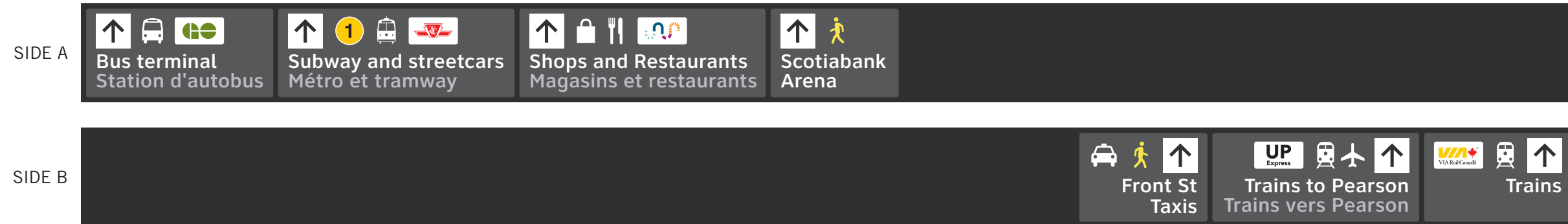
B1.3-010



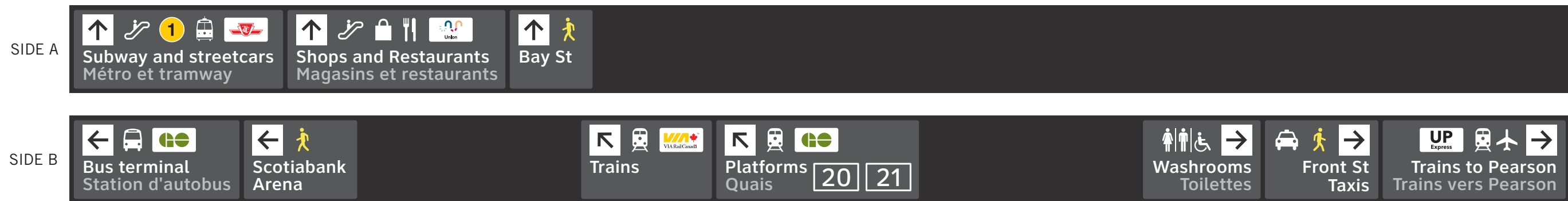
B1.2-011



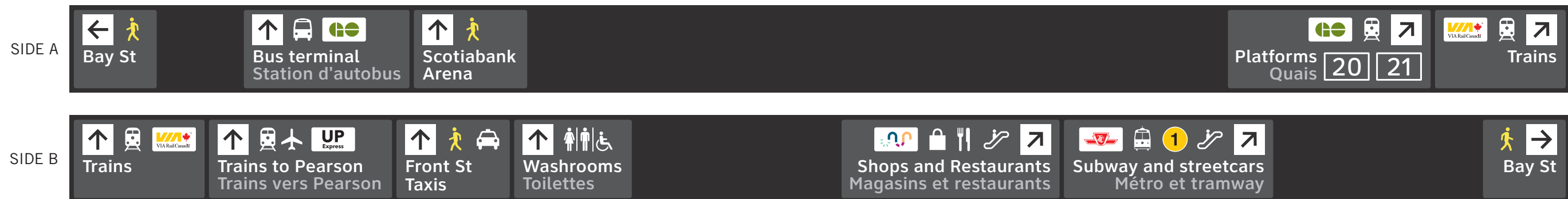
B1.2-012



B1.2-013



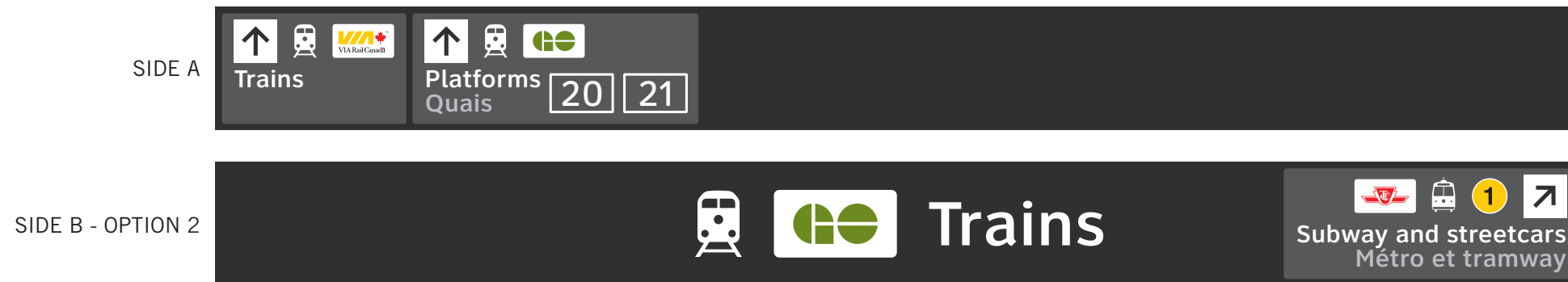
B1.1-014



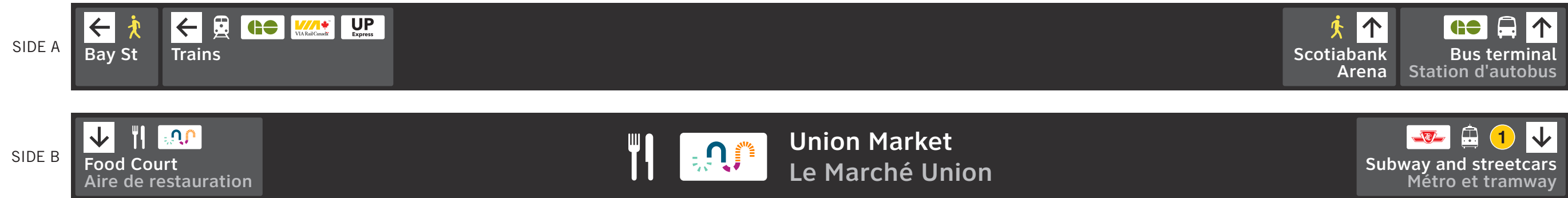
B1.1-015



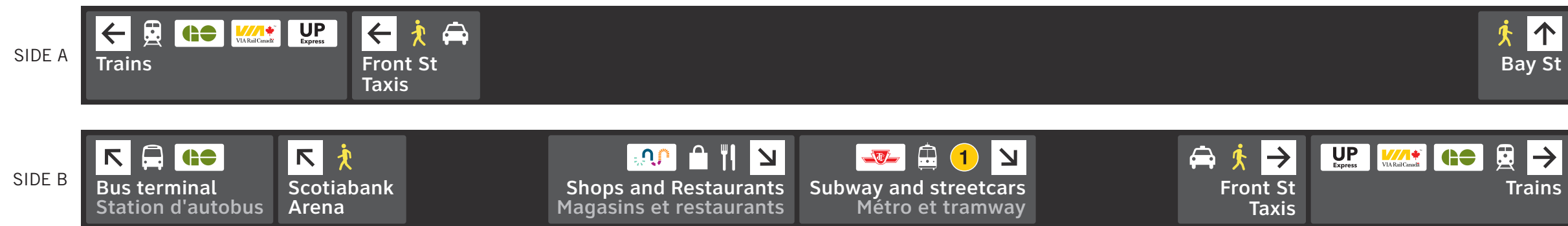
B1.1-016



B1.3-017



B1.1-018

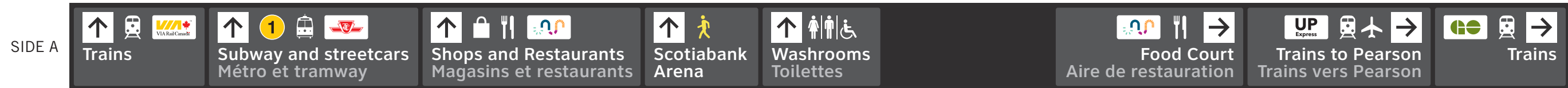


B1.2-019

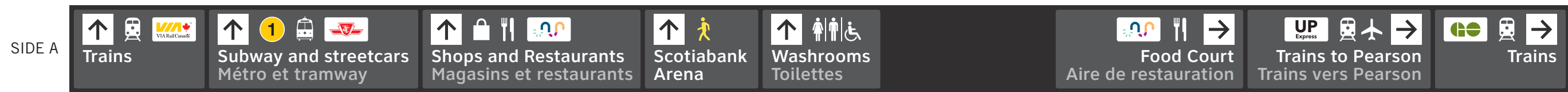


B1.3-020

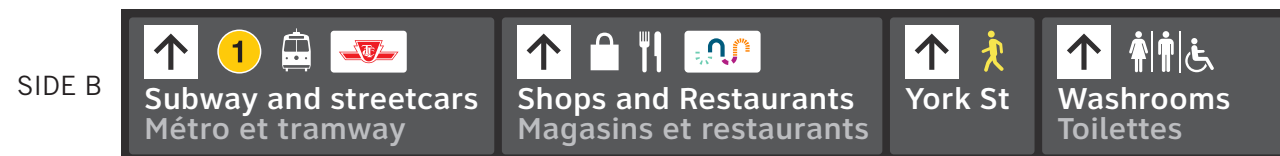
Level B1 - York Street Promenade Sign Layouts (UN-B1)



B1.1-001



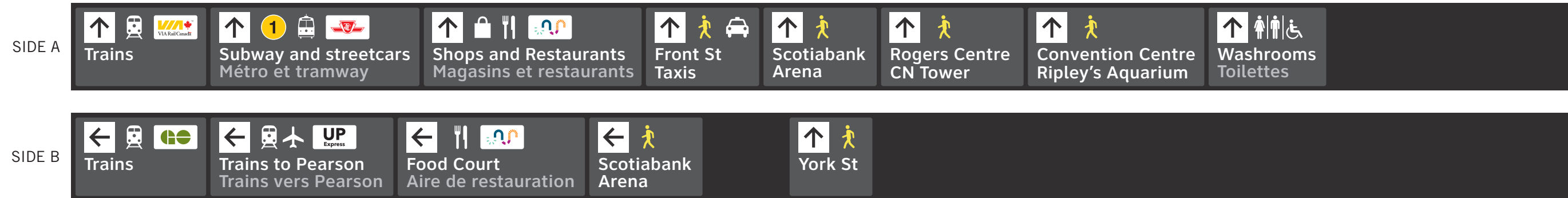
B1.1-002



B1.4-003

SCALE 1:15

Level B1 - York Street Promenade Sign Layouts (UN-B1)

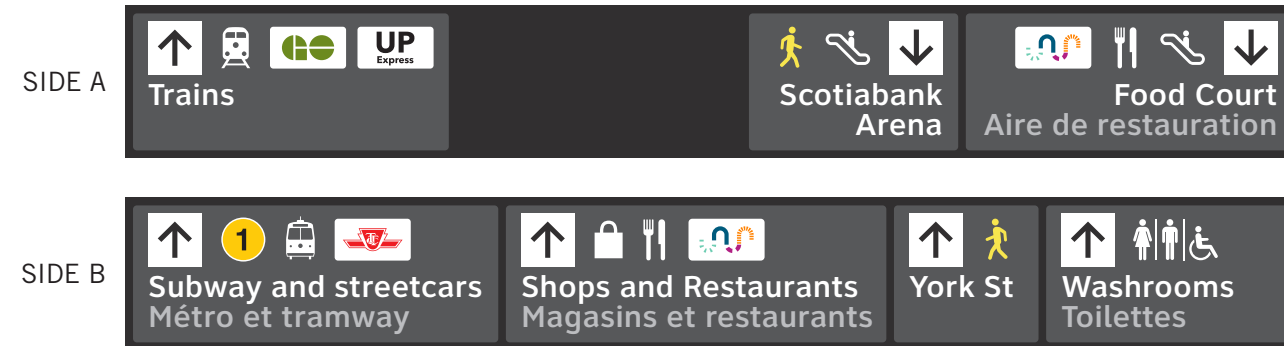


B1.1-004



B1.1-006

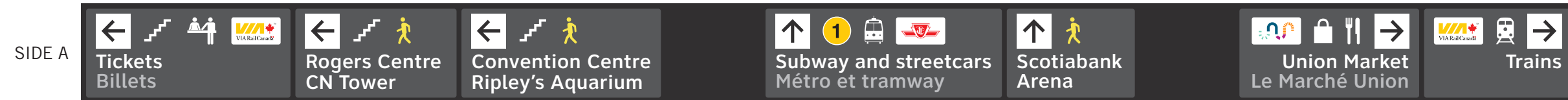
SCALE 1:15



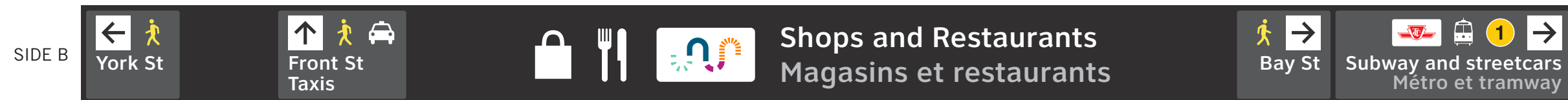
B1.4-007



Level B1 - Front Street Promenade Sign Layouts (UN-B1)



B1.2-104



B1.2-105

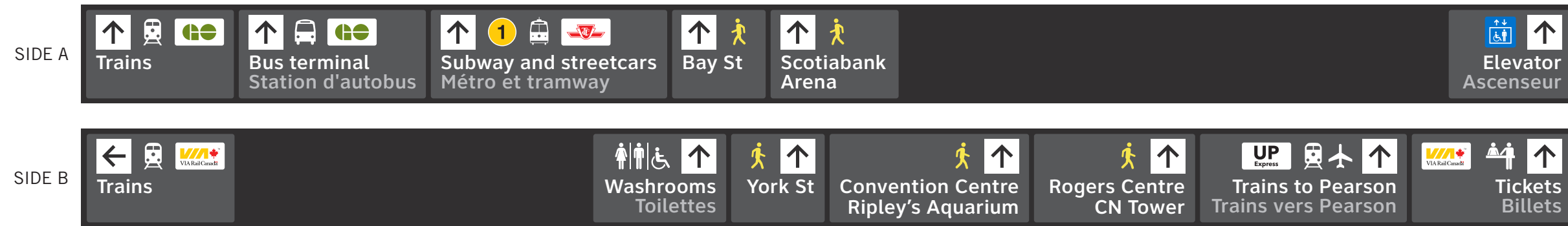


B1.2-106

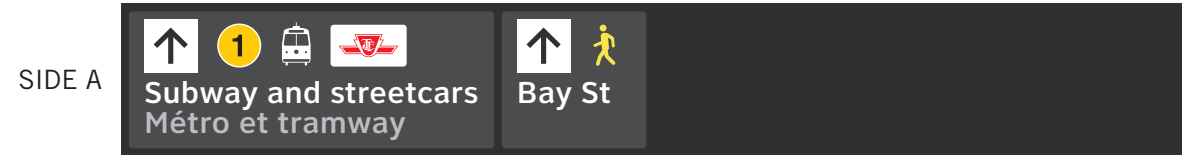
SCALE 1:15



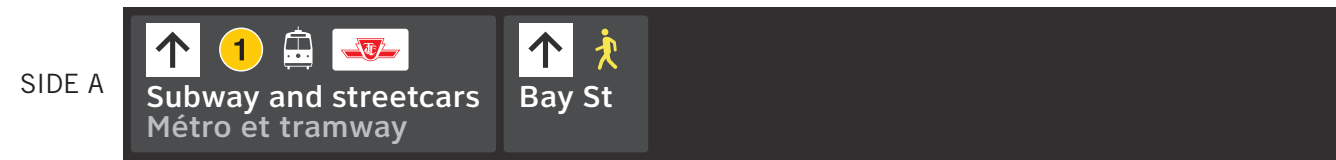
B1.3-107



B1.2-108



B1.5-201



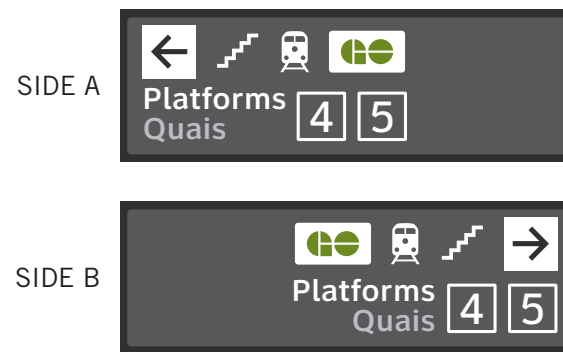
B1.4-202, B1.4-204



B1.4-203, B1.4-205



B1.1-301

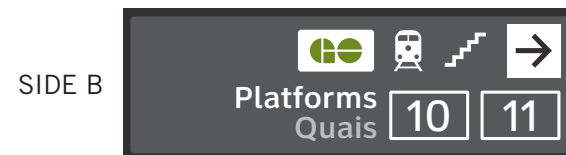
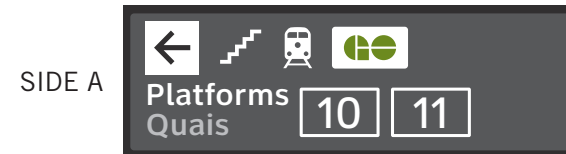


B1.7-302

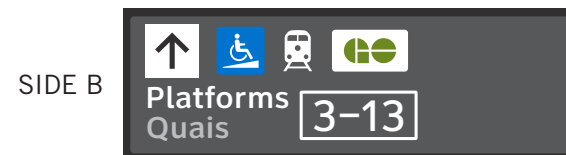
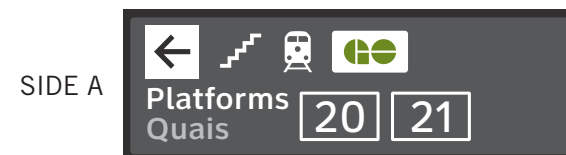


B1.1-303

SCALE 1:15



B1.7-304



B1.7-305



B1.1-306

SCALE 1:15

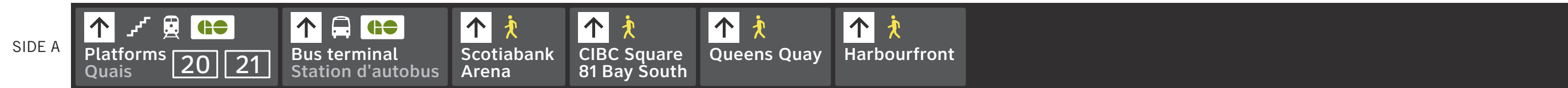


B1.1-307

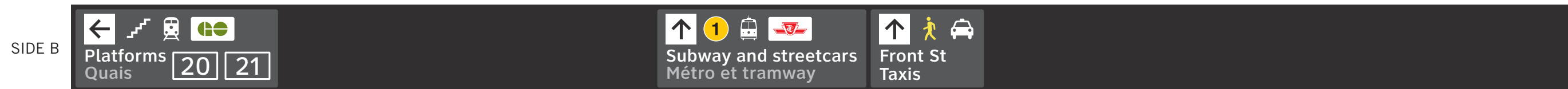
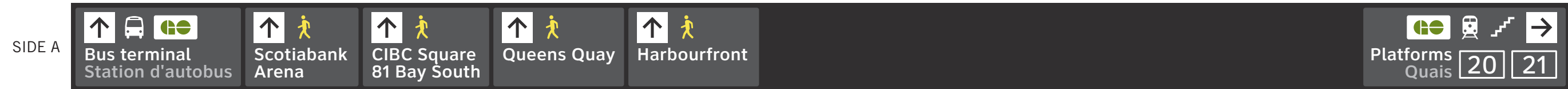


B1.2-308

Level B1 - Bay Street Teamway Sign Layouts (UN-B1)



B1.1-401, B1.1-402, B1.1-403

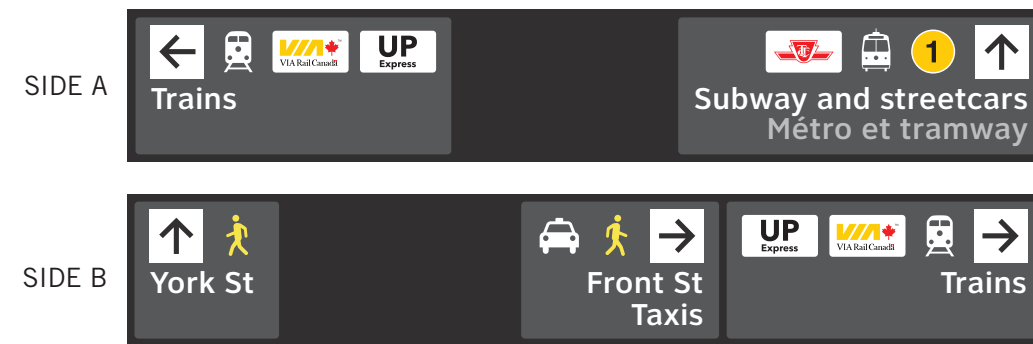


B1.1-404

SCALE 1:15



B1.4-001



B1.6-002

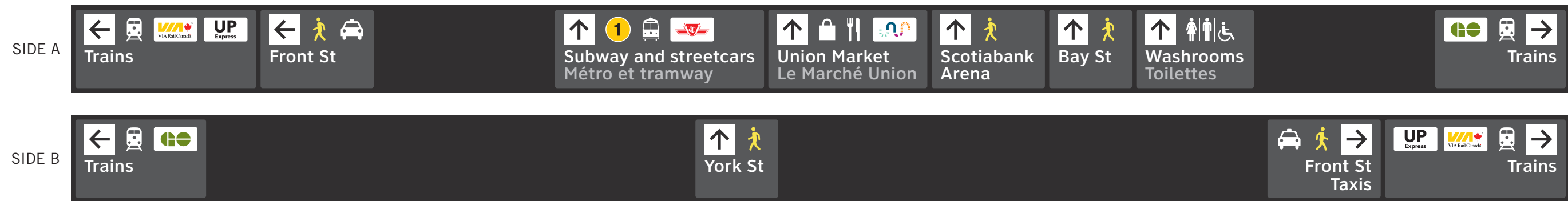


B1.6-003

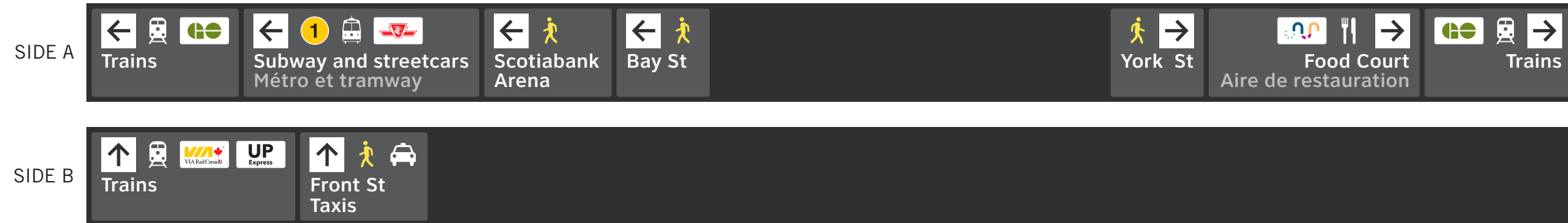




B1.4-004



B1.1-005



B1.2-101



B1.1-102



B1.1-103



B1.1-104



B1.1-105

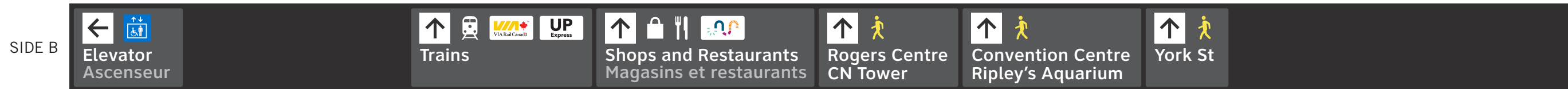


B1.1-106

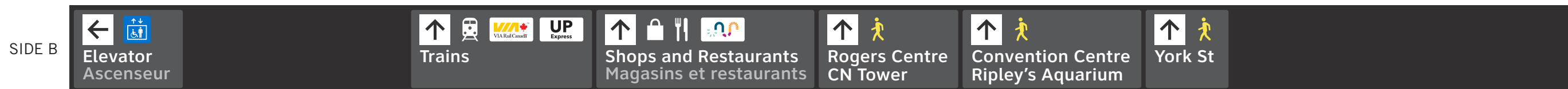
Level B2 - Bay Street Promenade Sign Layouts (UN-B2)



B1.1-201

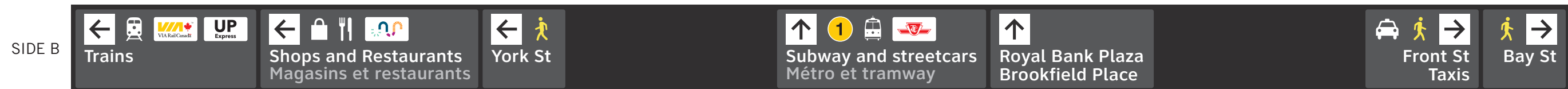
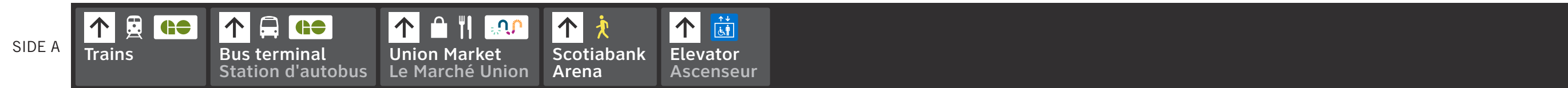


B1.1-202

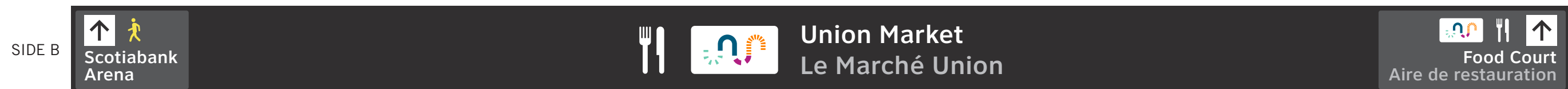


B1.1-203

SCALE 1:15



B1.1-204



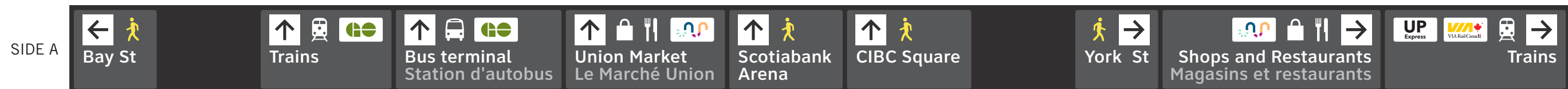
B1.1-205



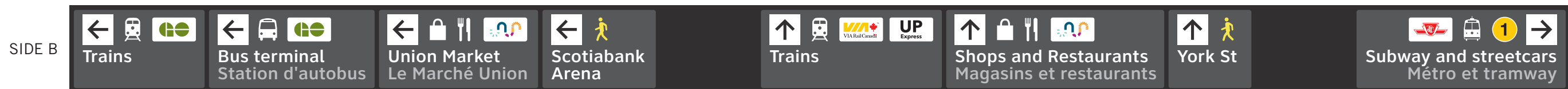
B1.1-206



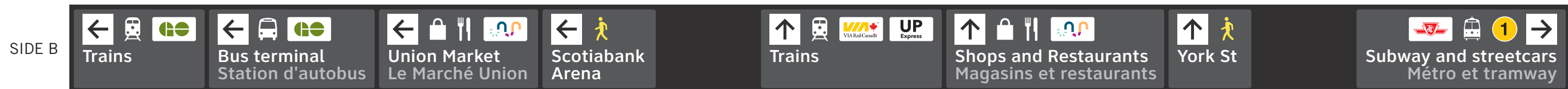
B1.1-207



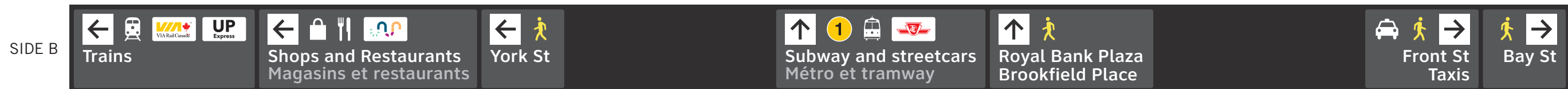
B1.1-208



B1.1-209



B1.1-210



B1.1-211



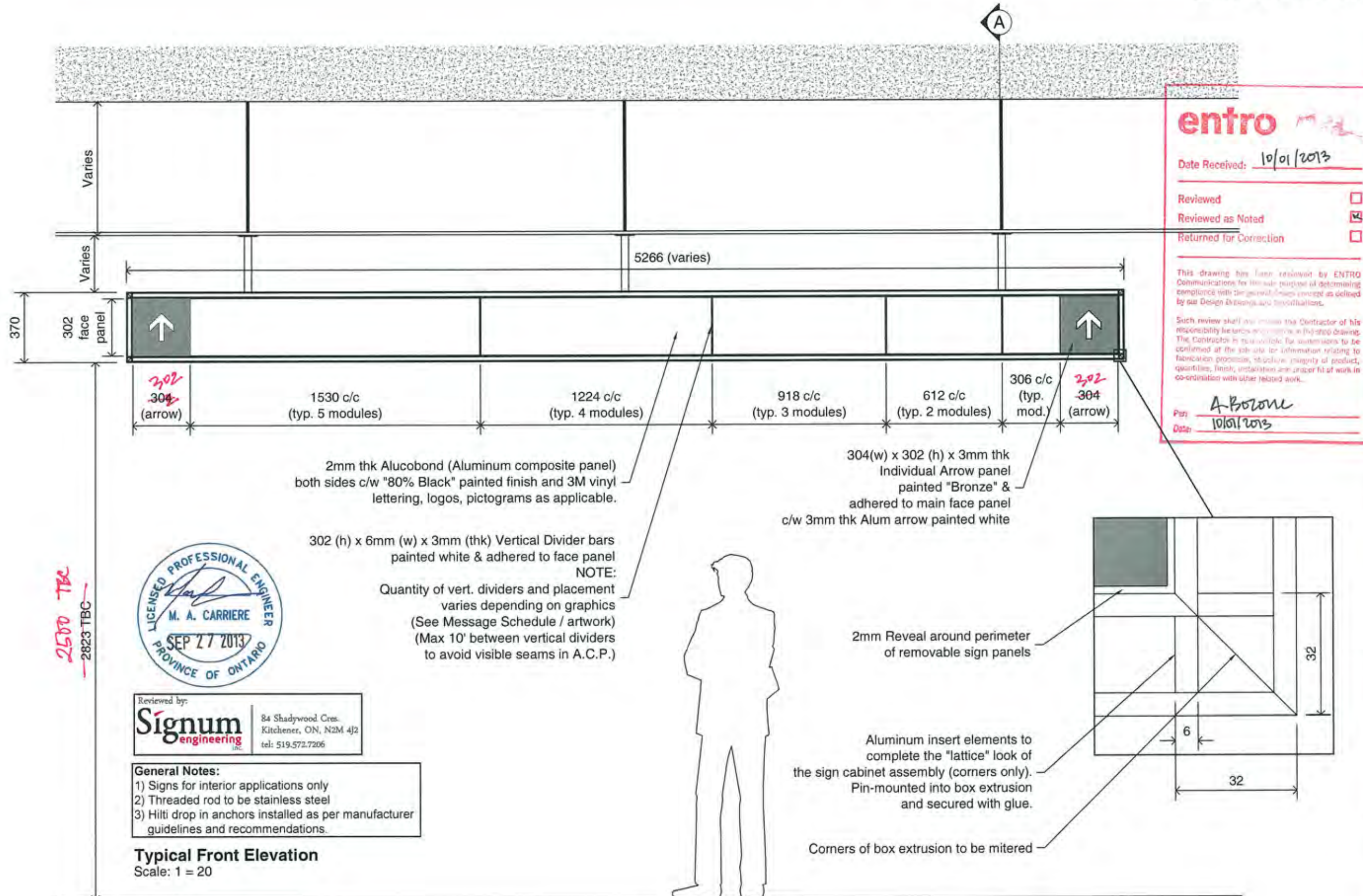
B1.1-212

Appendix

# Shop Drawings for Reference Only



# Double-Sided Non-Illuminated Suspended Directional Sign (Interior applications only)



**entro**

Date Received: 10/01/2013

Reviewed

Reviewed as Noted

Returned for Correction

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Per: A. Boroni  
Date: 10/01/2013

**UNION STATION REVITALIZATION PROJECT**  
Union Station, Toronto

Client: Carillion Canada

Account Manager: W. Dayal | Project Manager: T. Rawn

Approved By:  APPROVED  
 AS NOTED  
 RESUBMIT

Date: \_\_\_\_\_

Approved as per layout / specifications indicated or as noted on this document

Drawn	Date	Checked
RMR	Sept 10, 2013	WKL

Rev. No.	Date	By
R1	Sept 24, 2013	RMR

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**KING**  
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31 Simpson Road, Bolton, ON L7E 2R6  
TEL: 905-857-8044 FAX: 905-857-8048

File Name: Union-40249-B-Typ.dwg

Job No. **40249**

Scale: \_\_\_\_\_

**AS NOTED**

When Page is 11" X 17" and Ruler Measures 1 inch



Reviewed by:  
**Signum engineering inc.**  
84 Shadywood Cres.  
Kitchener, ON, N2M 4J2  
tel: 519.572.7206

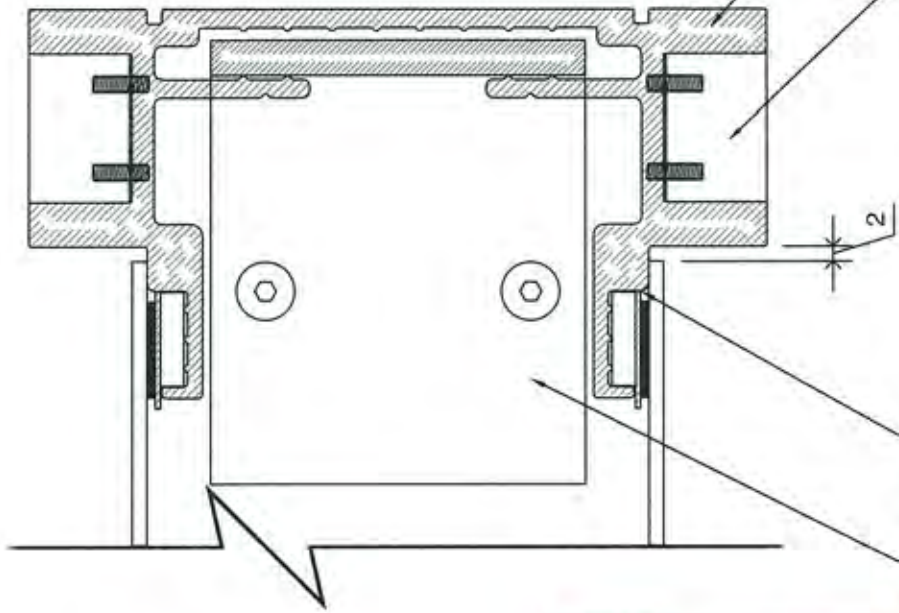
- General Notes:**
- 1) Signs for interior applications only
  - 2) Threaded rod to be stainless steel
  - 3) Hilti drop in anchors installed as per manufacturer guidelines and recommendations.

**Typical Front Elevation**  
Scale: 1 = 20

2500 TBC  
2823 TBC

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**Signum** engineering inc.  
 84 Shadywood Cres.  
 Kitchener, ON, N2M 4J2  
 tel: 519.572.7206



Union Station Custom Box Extrusion (Almag # A-21831-C)

Aluminum insert elements to complete the "lattice" look of the sign cabinet assembly (corners only). Pin-mounted into box extrusion and secured with glue.

**NOTE:**  
 Steel strip is butted to inside edge of extrusion (for alignment of face panel) at bottom only  
 (Beyond) 51 x 51 x 51(w) x 5mm thk aluminum angle (sharp-corner) corner bracket. Secure internally using pan-head screws.

1/2"-13 Hilti Drop-In Anchor  
 51mm embedment

1/2"-13 Lock Nut

100 x 100 x 6mm Escutcheon Plate

1/2"-13 Coupling nut

1/2"-13 Lock Nut

1/2"-13 Threaded Rod

38.1 x 38.1 x 3mm Alum Tube Cover

1/2"-13 Lock Nut

Union Station Custom Box Extrusion (Almag # A-21831-C)

12mm dia. x 3mm thk. "Rare Earth" magnets glued into "track" of box extrusion 612mm o/c maximum. (Strength and adhesion to be tested prior to final construction.)  
 CW corresponding 16mm wide x 22 gauge thk. steel strips with 3M 4950 VHB tape to back of Alum. Comp. Panels (Continuous along all four sides of back of panel).

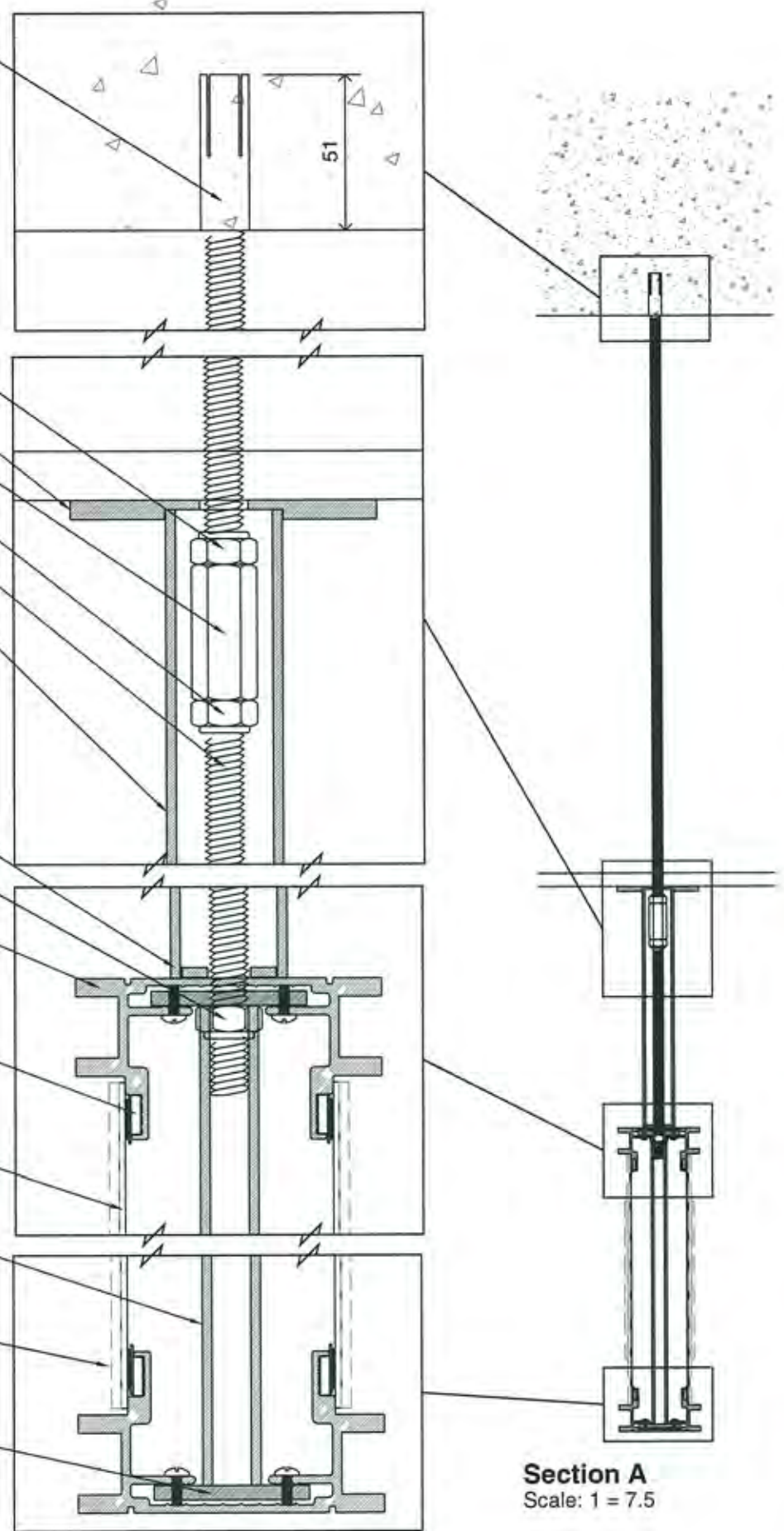
2mm thk Alucobond (Aluminum composite panel)

19 x 19 x 3mm Alum Support tube welded between plates (at threaded rod locations)

**NOTE:** 13mm dia. Alum sag rods required when span between tubes is more than 1524mm (5'-0")

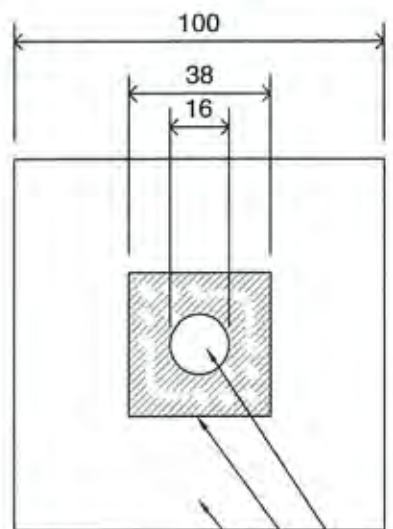
6mm (d) x 3mm (w) Vertical Divider bars (See mess. sched. / artwork for placement)

51 x 51 x 51(w) x 5mm thk Aluminum angle (sharp-corner) corner bracket. Secure internally using pan-head screws.



**Section A**  
 Scale: 1 = 7.5

**Box Extrusion Detail (at corner)**  
 Scale: 1 = 1



**entro** 3mm thk Alum plate attached to top of box for aligning Cover Tube

Date Received: 10/01/2013

Reviewed

Reviewed as Noted

Returned for Correction

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Such review shall not relieve the Contractor of his responsibility for review compliance to the shop drawing. The Contractor is responsible for dimensions to be confirmed at the job site for information relating to fabrication processes, structural integrity of product, quantities, finish, installation and proper fit of work in coordination with other related work.

Per: J. Possonc  
 Date: 10/01/2013

**Escutcheon Plate Detail (U/S)**  
 Scale: 1 = 2

- 16mm dia. hole to fit threaded rod
- 38.4 x 38.4 x 3mm (d) milled area to seat Tube Cover
- 100 x 100 x 6mm Escutcheon Plate

**UNION STATION REVITALIZATION PROJECT**  
 Union Station, Toronto

Client: Carillion Canada

Account Manager: W. Dayal  
 Project Manager: T. Rawn

Approved By:  APPROVED  
 AS NOTED  
 RESUBMIT

Date: \_\_\_\_\_

Approved as per layout / specifications indicated or as noted on this document

Drawn: RMR  
 Date: Sept 10, 2013  
 Checked: WKL

Rev. No. R1  
 Date: Sept 24, 2013  
 By: RMR

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File Name: Union-40249-B-Typ.dwg

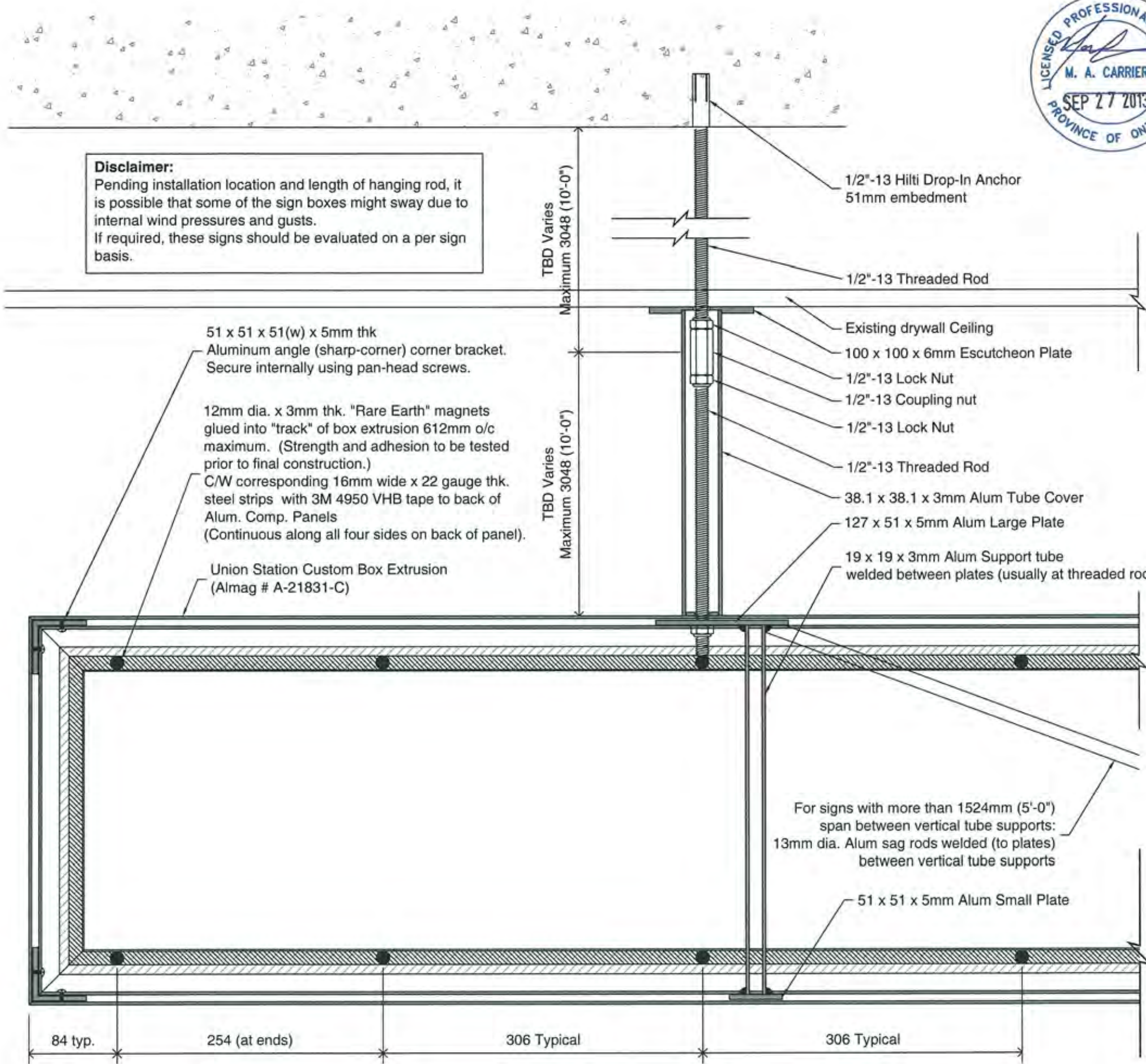
Job No: 40249

Scale: \_\_\_\_\_



Sign Type: \_\_\_\_\_

**B-Typ.**



**Disclaimer:**  
 Pending installation location and length of hanging rod, it is possible that some of the sign boxes might sway due to internal wind pressures and gusts.  
 If required, these signs should be evaluated on a per sign basis.



**General Notes:**  
 1) Signs for interior applications only  
 2) Threaded rod to be stainless steel  
 3) Hilti drop in anchors installed as per manufacturer guidelines and recommendations.

Reviewed by:  
**Signum engineering inc.**  
 84 Shadywood Cres.  
 Kitchener, ON, N2M 4J2  
 tel: 519-572-7206

**entro**

Date Received: 10/01/2013

Reviewed

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Per: A. Porone  
 Date: 10/01/2013

**UNION STATION REVITALIZATION PROJECT**  
 Union Station, Toronto

Client: Carillion Canada  
 Account Manager: W. Dayal  
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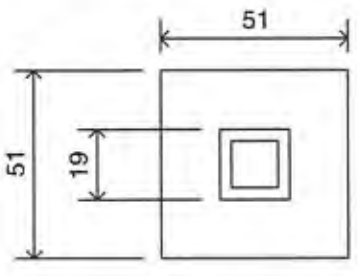
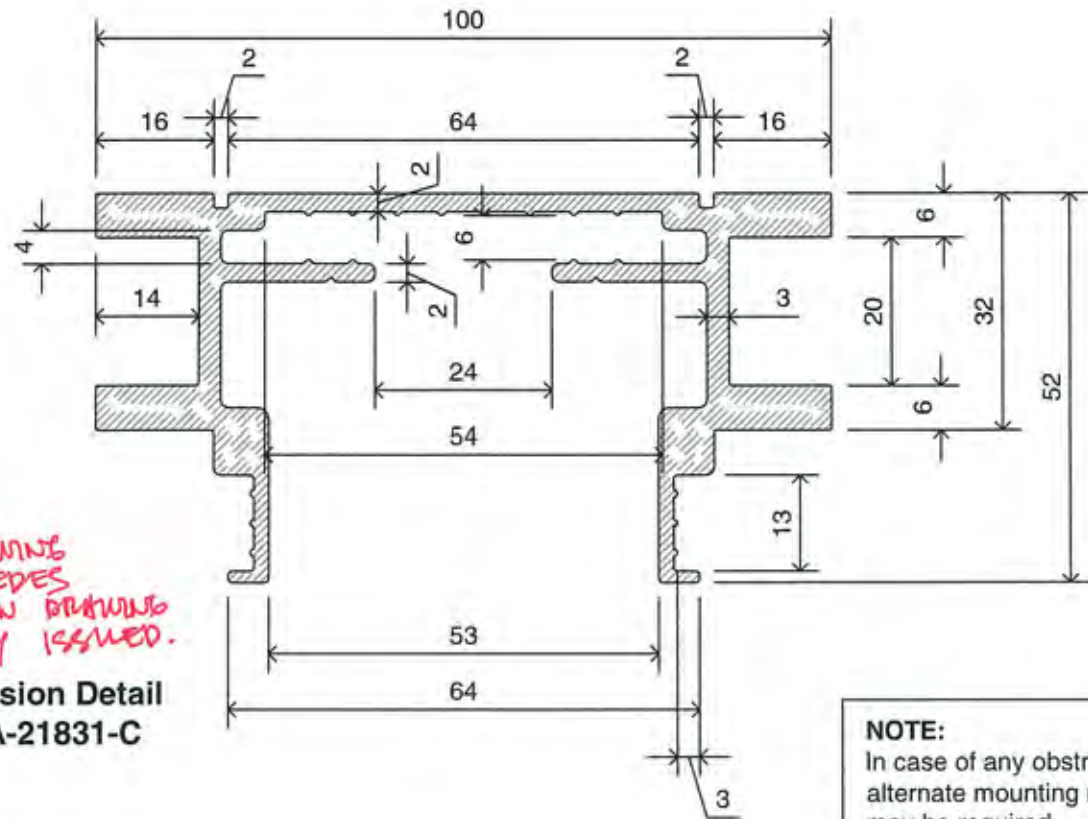
Job No. **40249**

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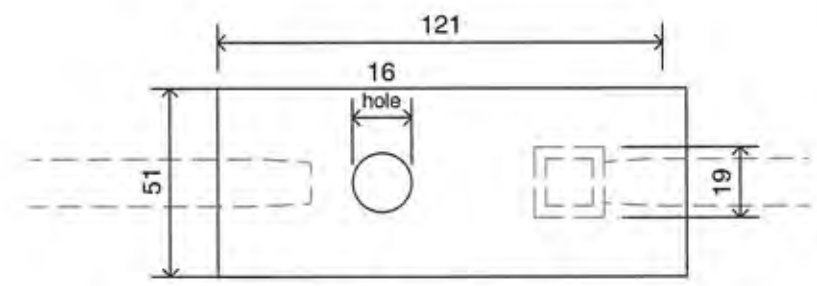
AS NOTED

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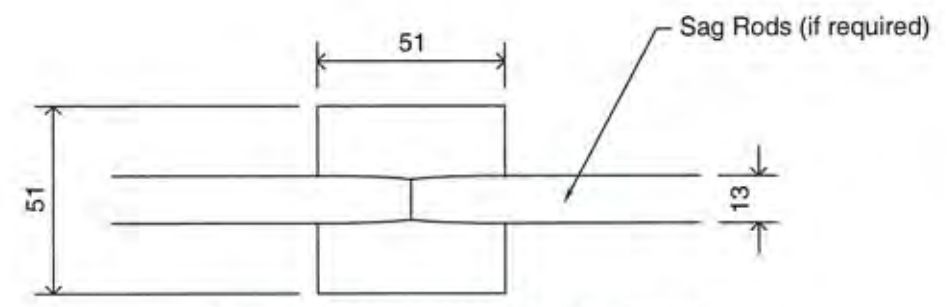
**Front Section**  
 Scale: 1 = 4



**Small Plate Detail**  
Scale: 1 = 2



**Large Plate Detail**  
Scale: 1 = 2

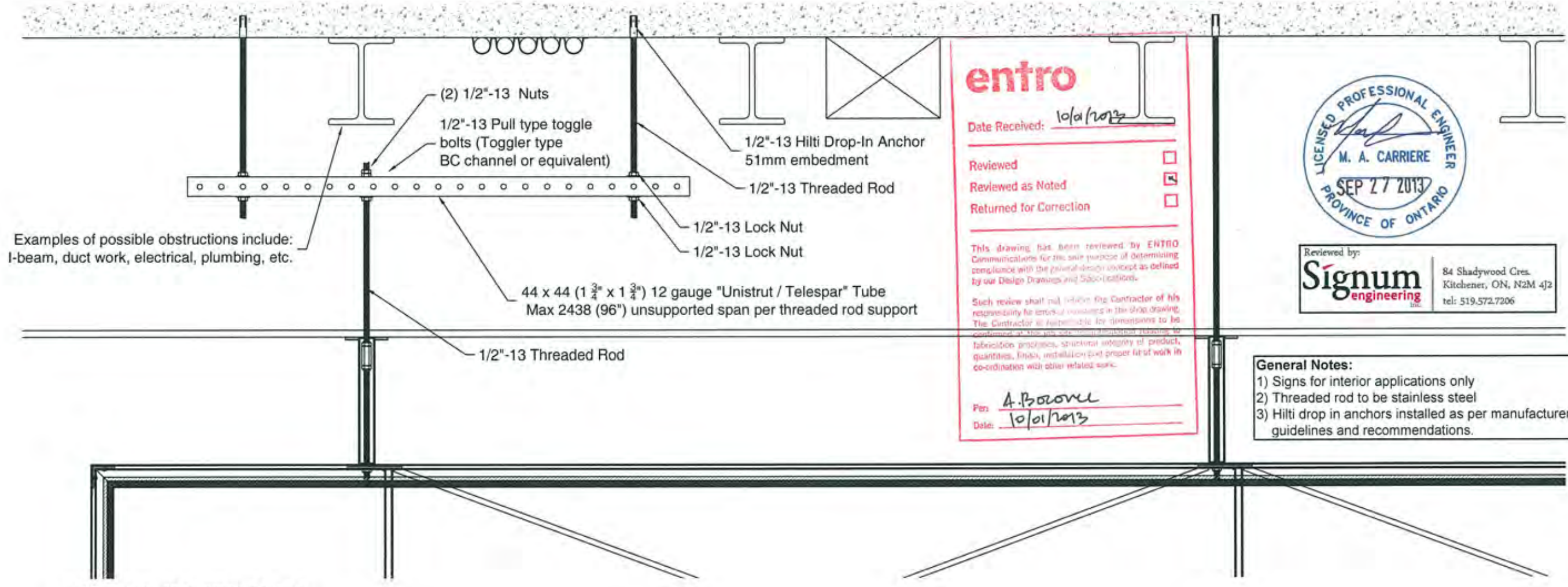


**Sag Rod Plate Detail (if required)**  
Scale: 1 = 2

**NOTE:**  
In case of any obstructions at ceiling,  
alternate mounting method (shown below)  
may be required.

*THIS DRAWING  
SUPERSEDES  
EXTENSION DRAWING  
PREVIOUSLY ISSUED.*

**Box Extrusion Detail**  
**Almag # A-21831-C**  
Scale: 1 = 1



**Alternate Mounting Detail**  
Scale: 1 = 10

**entro**

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Per: A. Borovik

Date: 10/01/2013



Reviewed by:  
**Signum engineering**  
84 Shadywood Cres.  
Kitchener, ON, N2M 4J3  
tel: 519.572.7206

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Union Station, Toronto

Client: Carillion Canada

Account Manager: W. Dayal | Project Manager: T. Rawn

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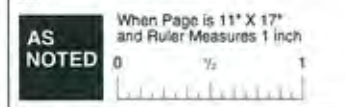
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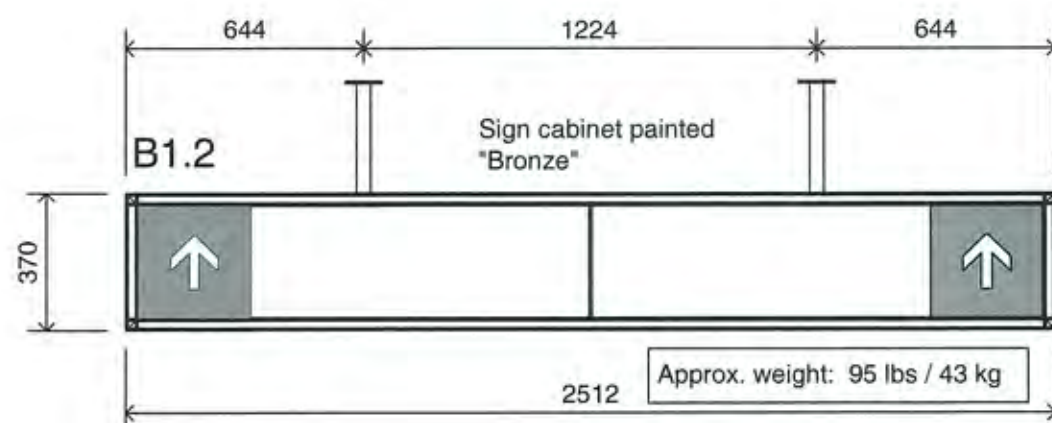
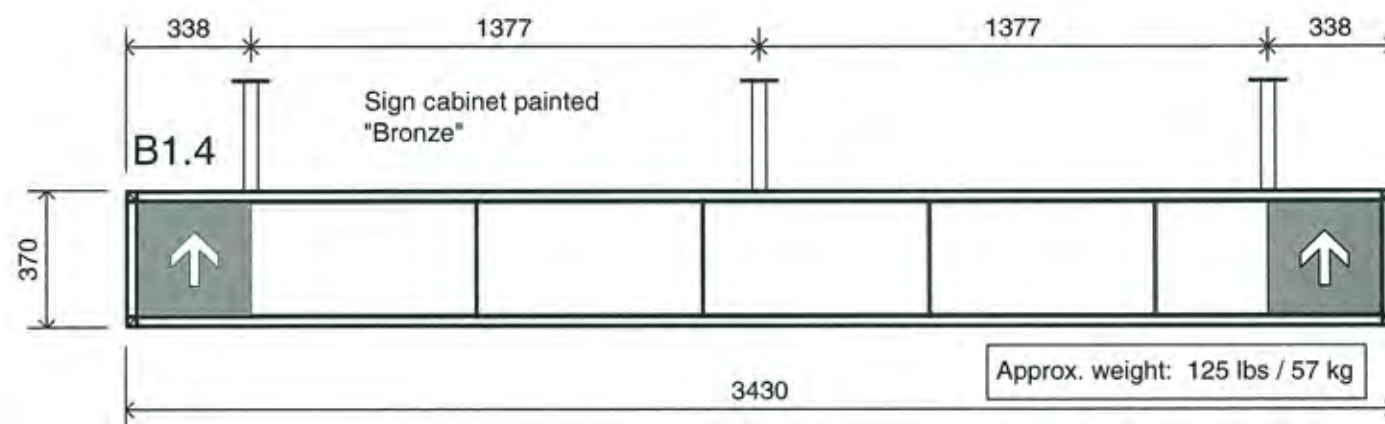
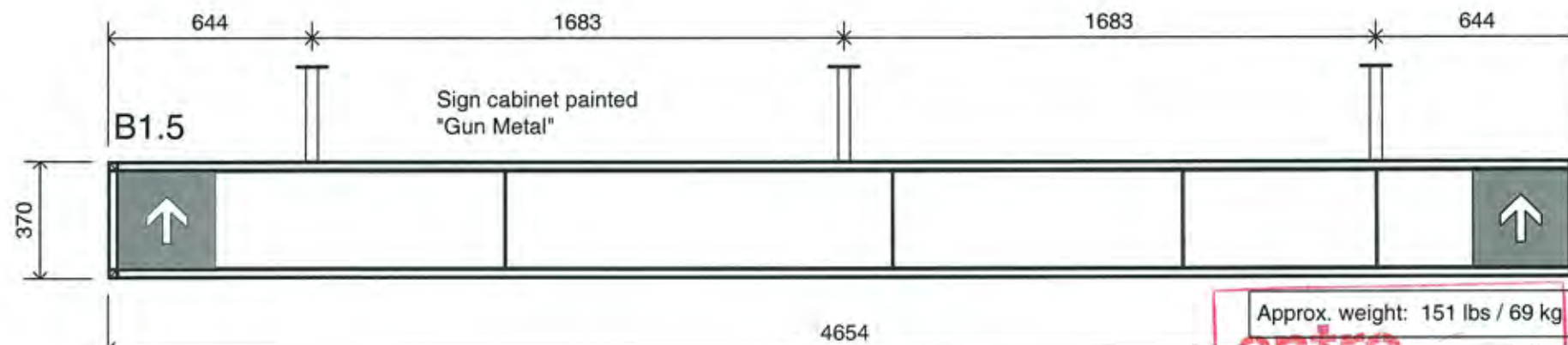
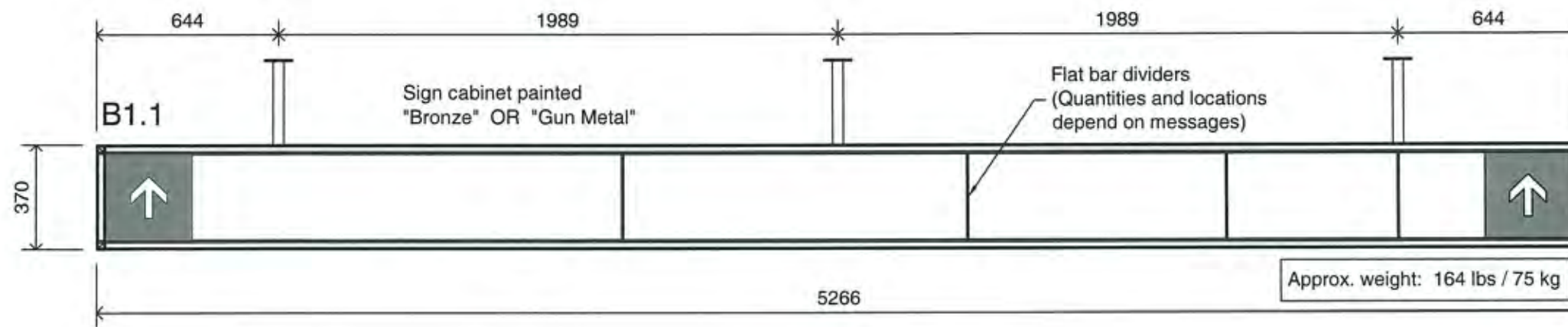
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Job No. **40249**





Flat bar dividers  
(Quantities and locations  
depend on messages)

**entro**

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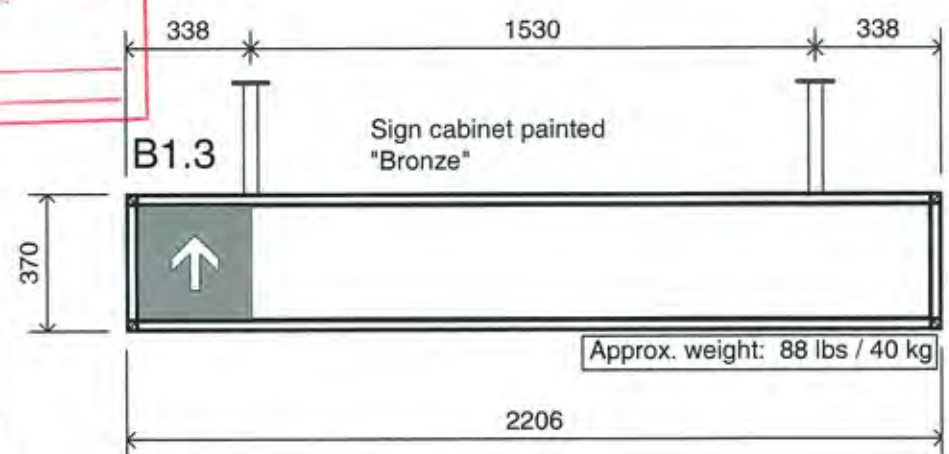
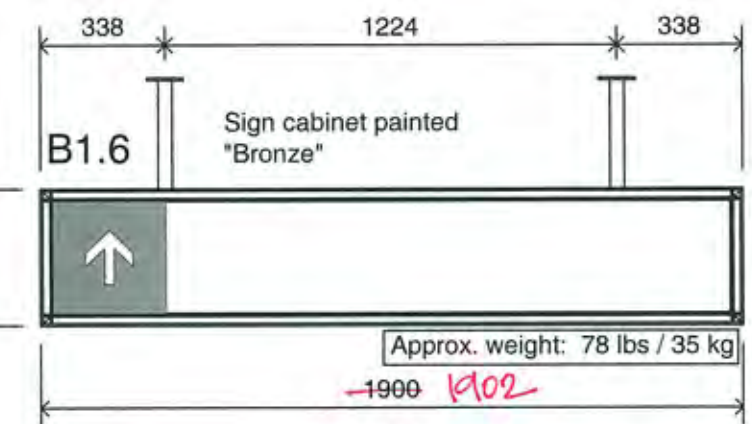
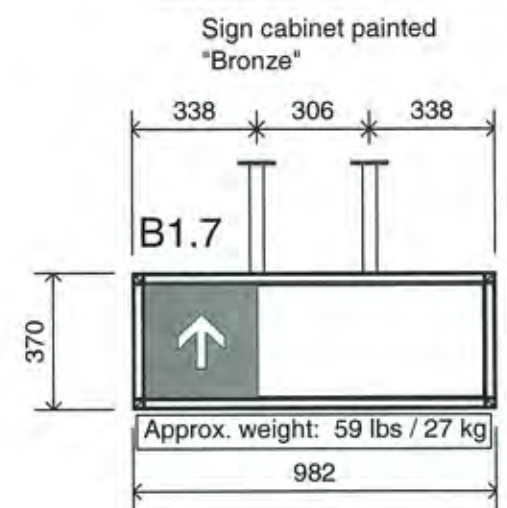
Per: A. Bolove  
Date: 10/01/2013

**NOTE:**  
Sign cabinet construction to be painted to match "Bronze" or "Gun Metal" finish as required.

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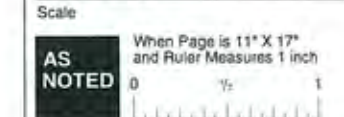


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Sign Type

**B-Typ.**

**Typical Front Elevations**  
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