



FLECK FOUNTAIN

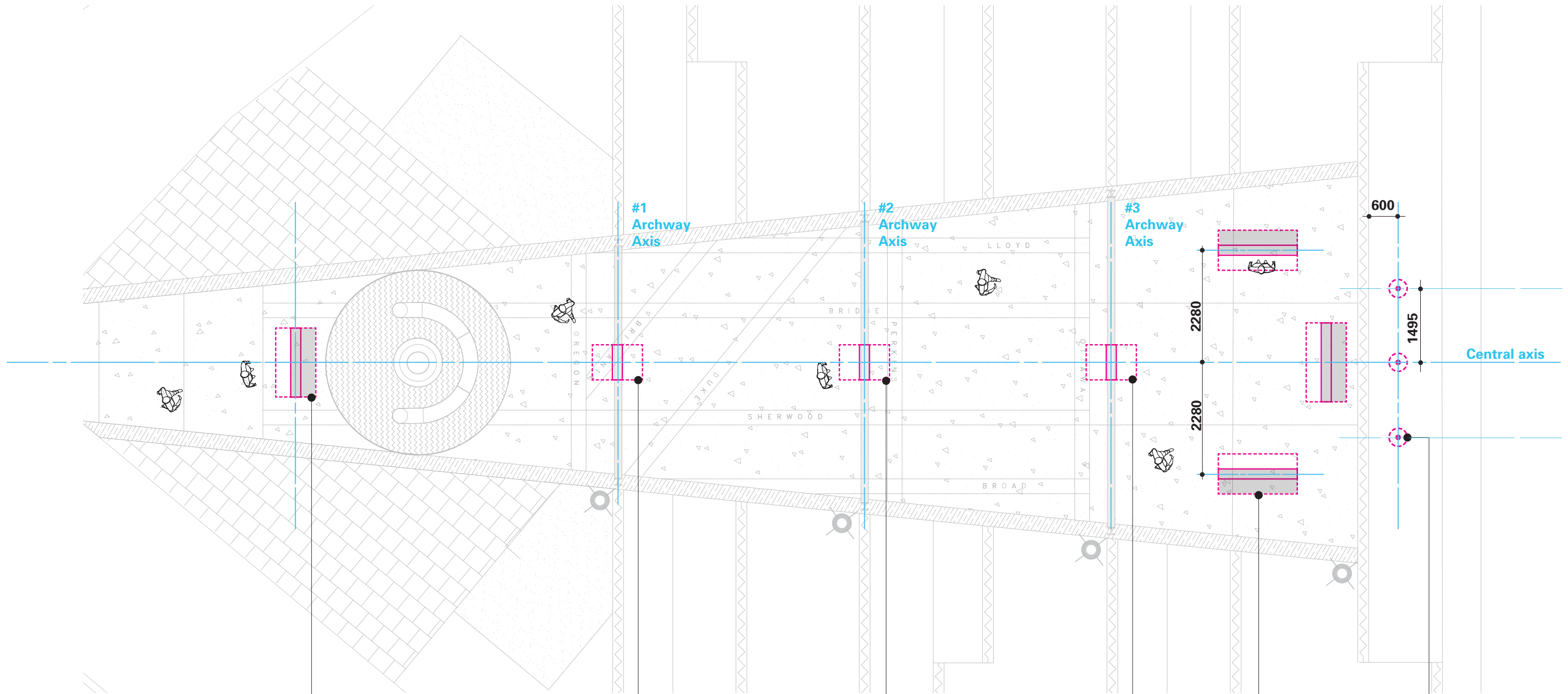
LEBRETON FLATS PARK: WEST SIDE

INTERPRETIVE PANELS

Presented to
Canadian Heritage
July 26 2016, revision

2D | 3D | 3W

L'idée projetée
dans la **forme**



ZONE 1
Fleck Fountain
Text rail panel
(Low) &
foundation

ZONE 2
Vertical
panel #1
& foundation

ZONE 2
Vertical
panel #2
& foundation

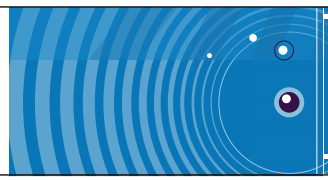
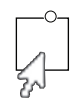
ZONE 2
Vertical
panel #3
& foundation

ZONE 3
(3) x Text rail
panel (High)
& foundation

ZONE 3
(3) x Banner post
& foundation

NOTES

Phase 3 : DESIGN FINAL
For Reference Only



'idée projetée dans la forme

Michel Paquette



NOM DU PROJET / PROJECT NAME

Interpretive
Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

Fleck Fountain
Site plan
Panel position
layout

INFORMATIONS

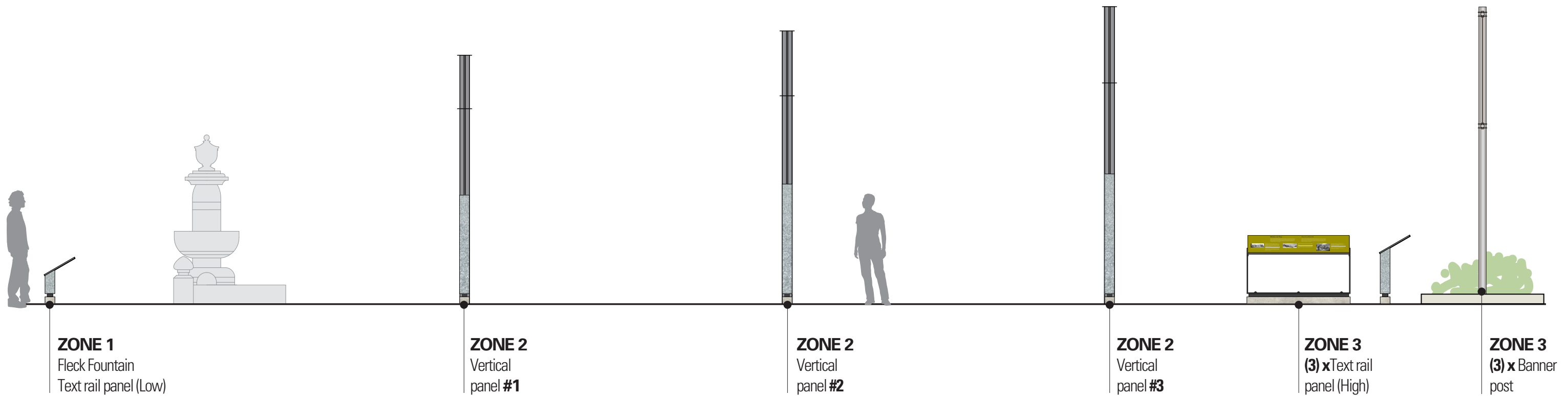
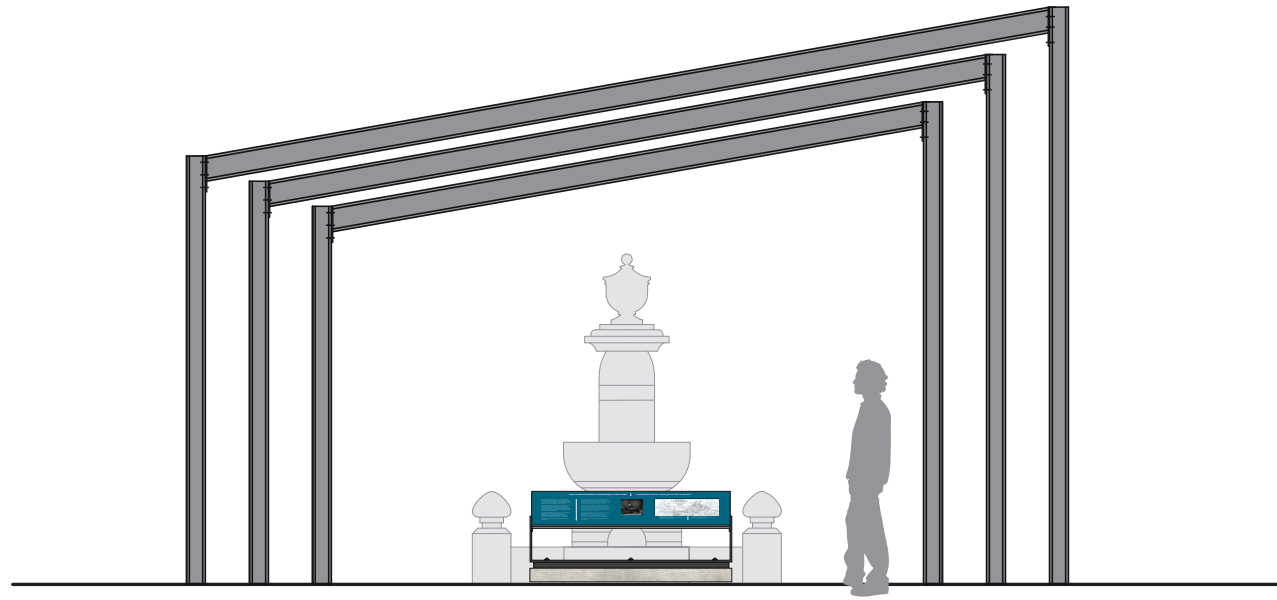
DATE: 28/04/2016
DRAWN BY: Michel Paquette
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 80

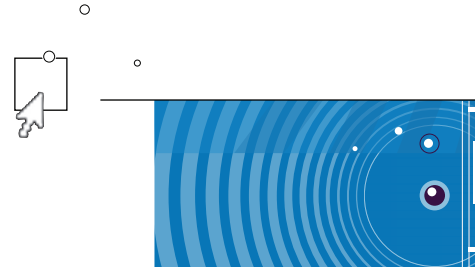
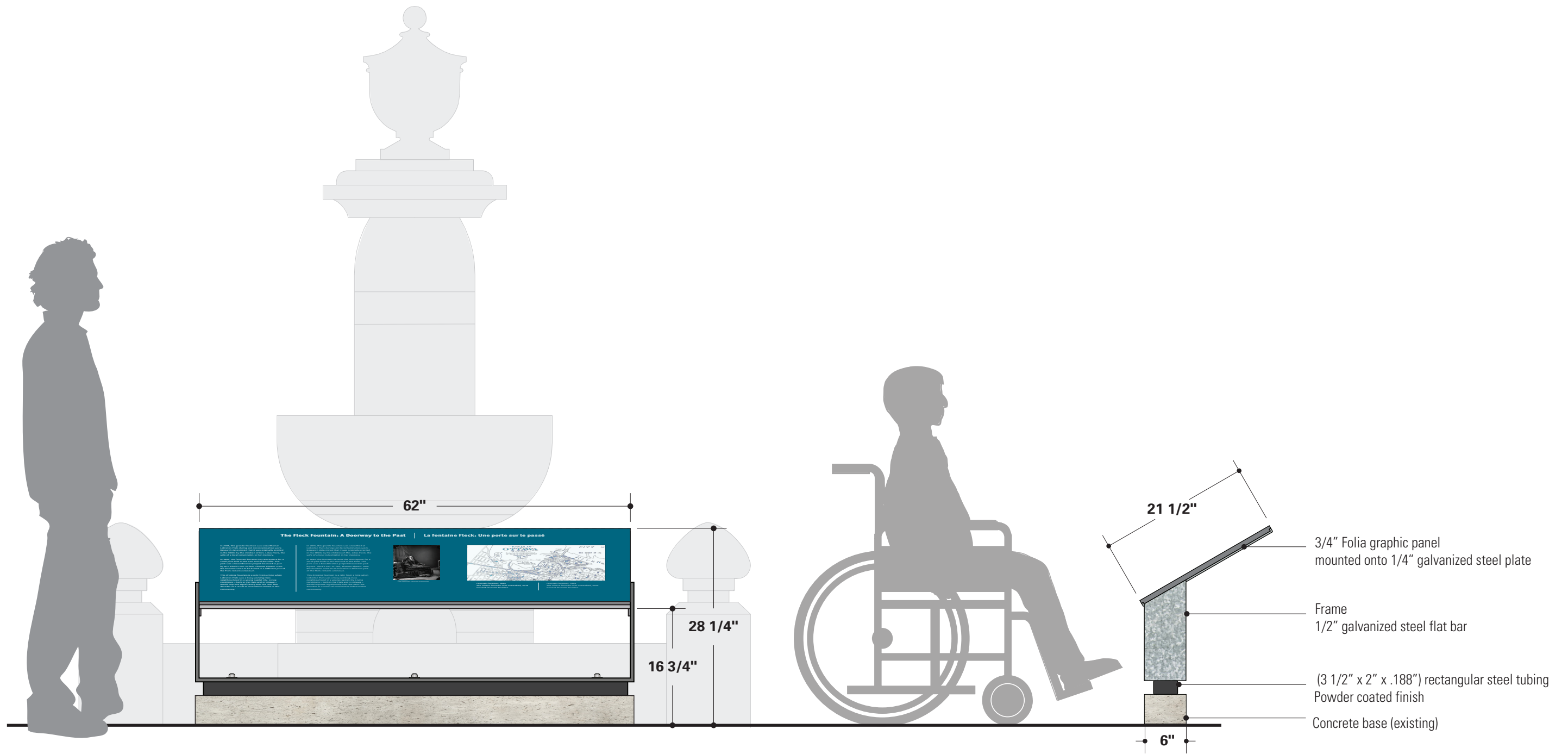
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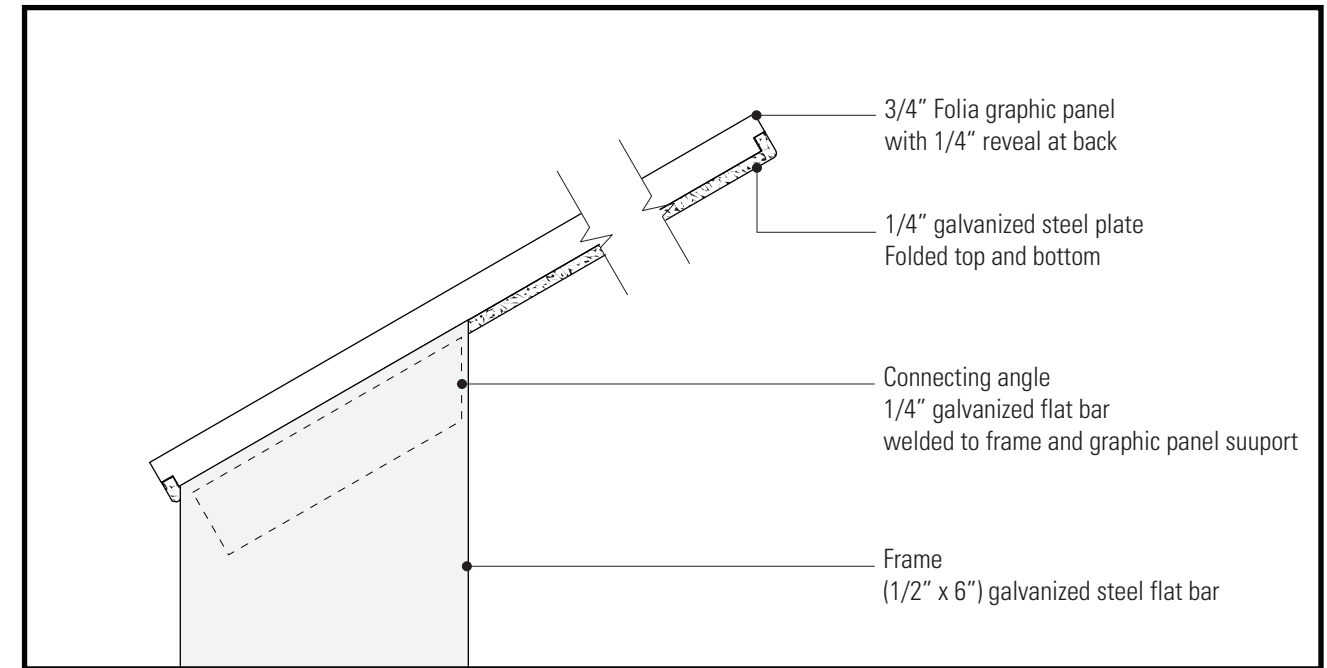
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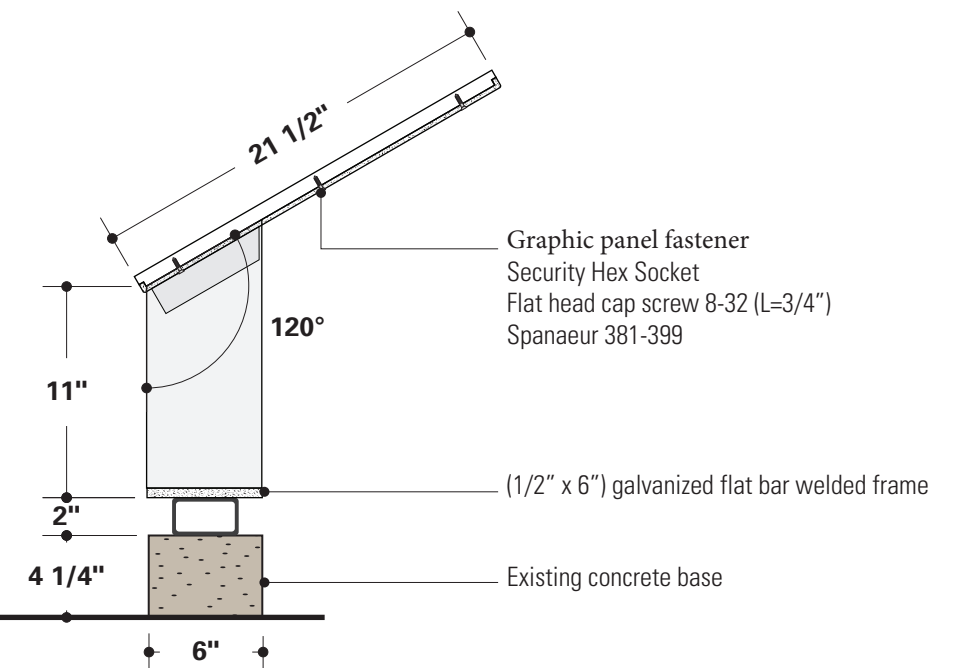
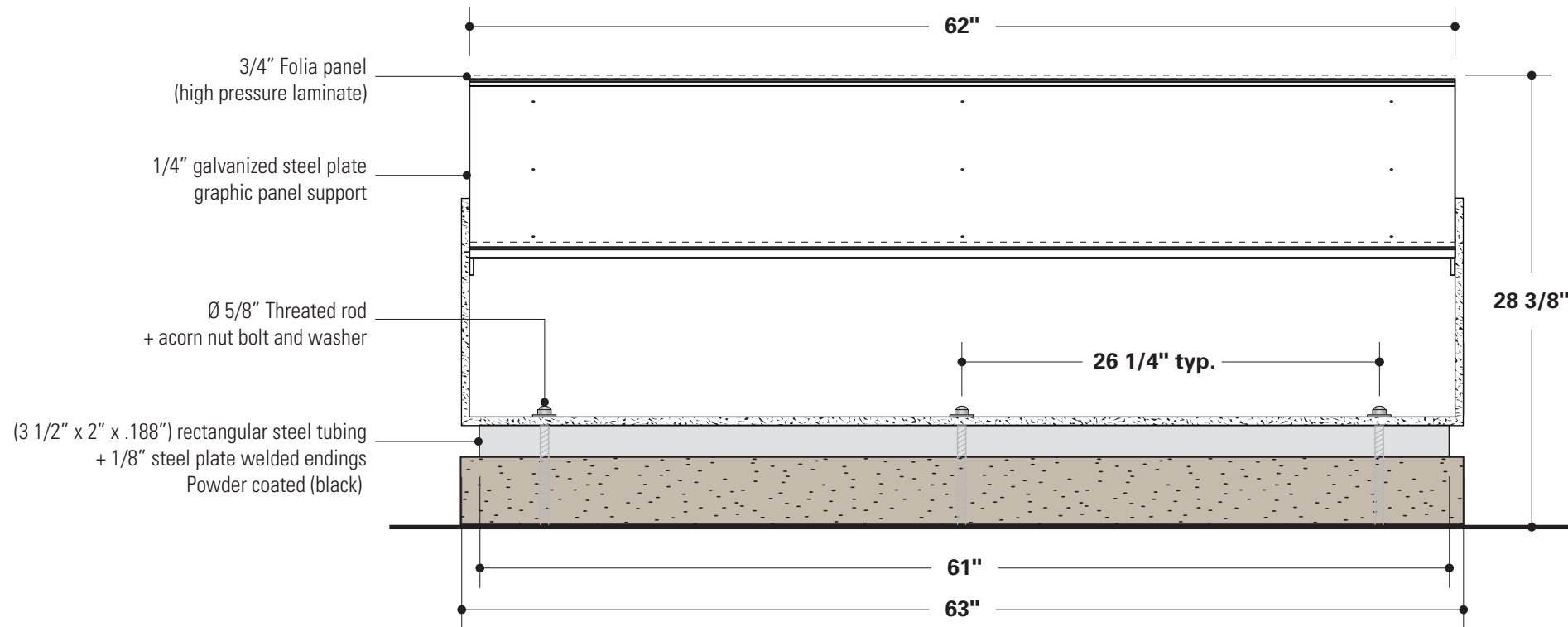
LEBRETON FLATS
WEST SIDE
CANADIAN HERITAGE







SIDE VIEW SCALE 1:2



CROSS SECTION

NOTES

Phase 4: PLANS AND SPECIFICATIONS



l'idée projetée dans la forme

Michel Paquette

NOM DU PROJET / PROJECT NAME

Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

**Zone 1
Text rail
structure
detail**

INFORMATIONS

DATE: 12/05/2016
DRAWN BY: Julien Le Hégarat
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 10

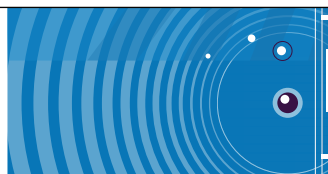
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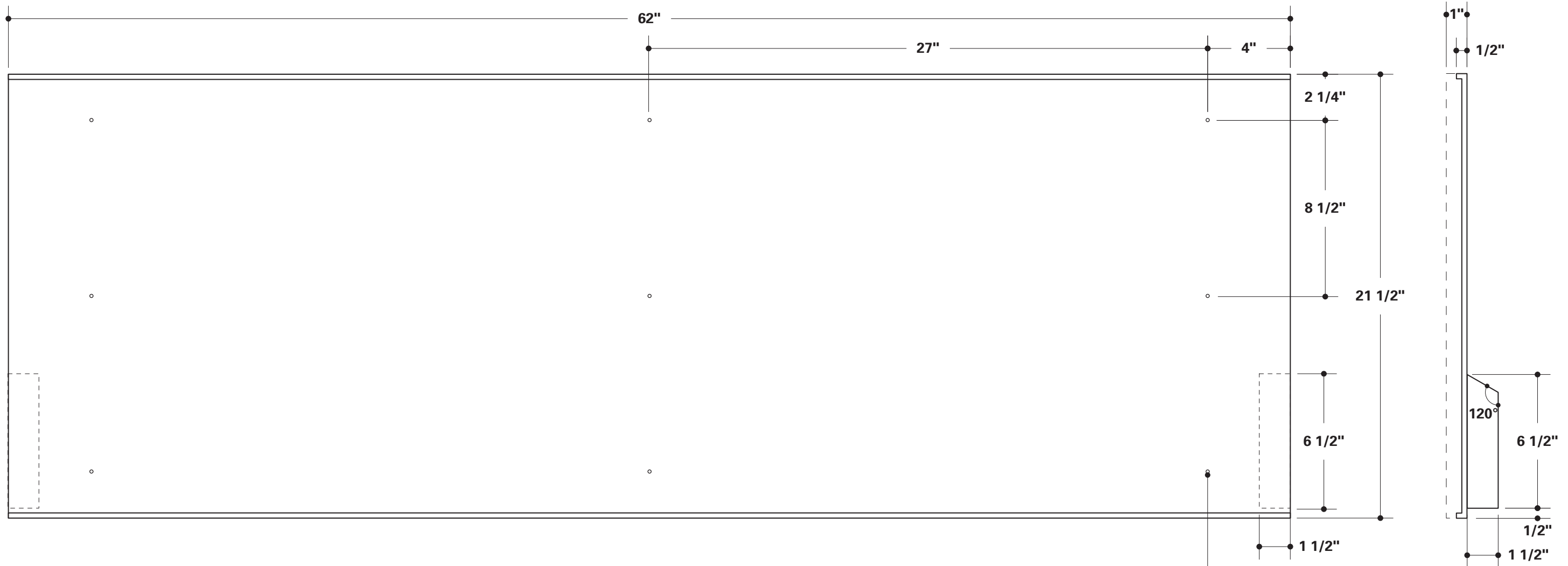
04



LEBRETON FLATS
WEST SIDE

CANADIAN HERITAGE





Perforations for 8-32 screws for graphic panel assembly to galvanized steel support plate

3/4" Folia graphic pane

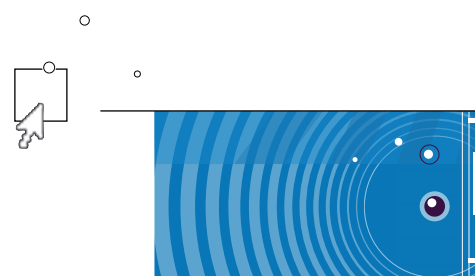
(1 1/2" x 1 1/2" x 1/4") galvanized steel connecting angle welded to graphic panel support and frame

1/4" galvanized steel plate welded to connecting angle

Frame (1/2" x 6") galvanized steel flat bar



NOTES
Phase 4: PLANS AND SPECIFICATIONS



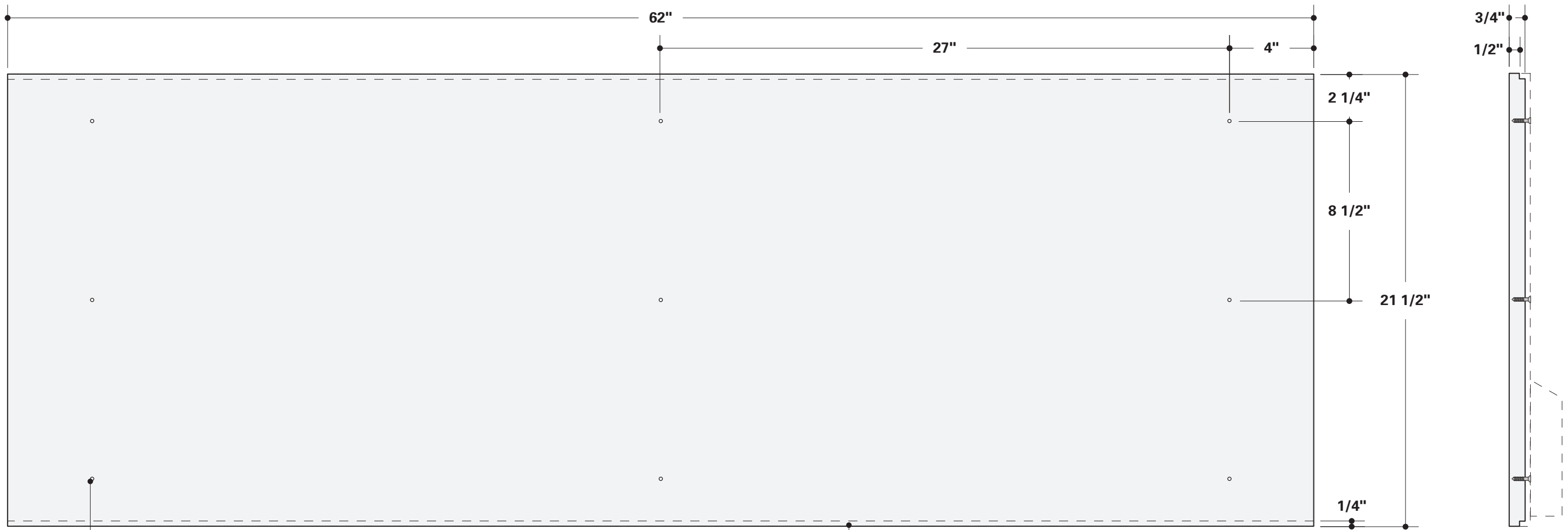
l'idée projetée dans la forme
Michel Paquette

NOM DU PROJET / PROJECT NAME
Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE
**Zones 1 + 3
Graphic panel
support
fabrication detail**

INFORMATIONS
DATE: 02/05/2016
DRAWN BY: Julien Le Hégarat
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 5

FEUILLE #
05

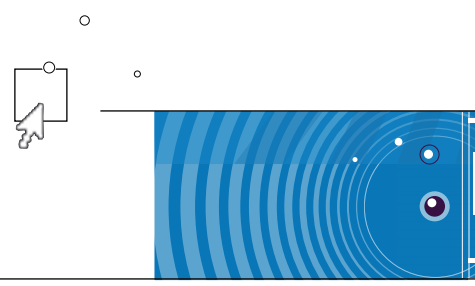


381-399 Spanaeur
 Security Hex Socket
 Flat head cap screw 8-32 (3/4" length)
 + metallic inserts
 for graphic panel assembly to plate support

3/4" Folia graphic panel
 including 1/4" reveal top and bottom
 for panle assembly to support plate



NOTES
 Phase 4: PLANS AND SPECIFICATIONS



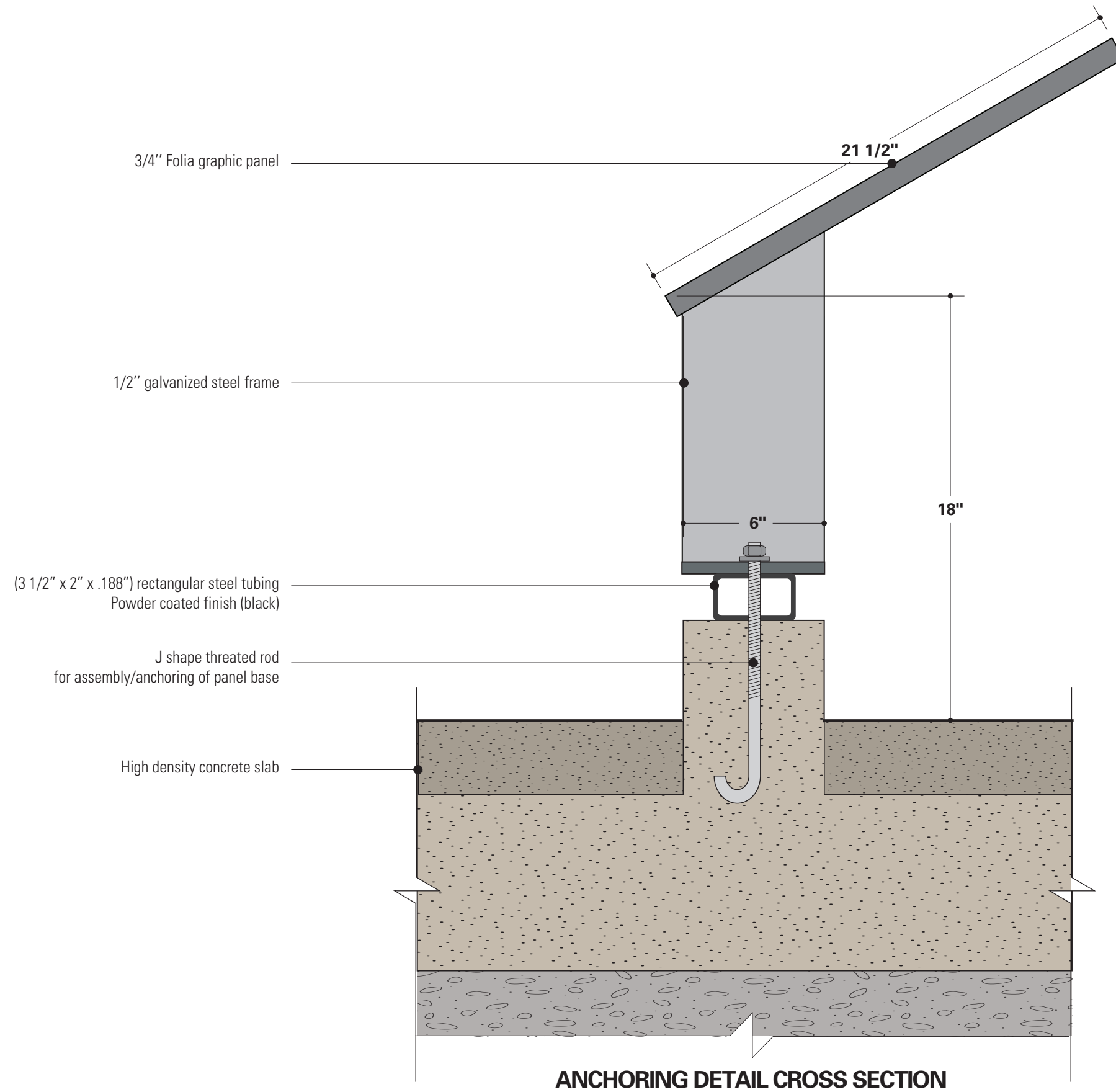
l'idée projetée dans la forme
 Michel Paquette

NOM DU PROJET / PROJECT NAME
 Interpretive Panels
 Fleck Foutain Park
 West Side

TITRE DU DESSIN / DRAWING TITLE
**Zones 1 + 3
 graphic panel
 and support
 fabrication detail**

INFORMATIONS
 DATE: 02/05/2016
 DRAWN BY: Julien Le Hégarat
 VERIFIED BY: Frédéric Saint Laurent
 SCALE: 1 : 5

FEUILLE #
06



NOTE:
Concrete base foundation and J shape threaded rod installation are not included in this contract.

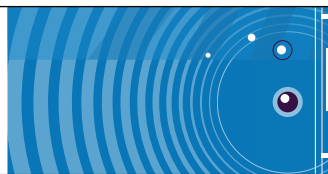
Fabricator is responsible of on site measuring and producing a template in order to position accurately hole pattern on square metal tubing and frame.

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ANCHORING DETAIL CROSS SECTION

NOTES

Phase 4: PLANS AND SPECIFICATIONS



"idée projetée dans la forme"

Michel Paquette

NOM DU PROJET / PROJECT NAME

Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

**Zone 1
Text rail
anchoring
detail**

INFORMATIONS

DATE: 15/04/2016
DRAWN BY: Julien Le Hégarat
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 5

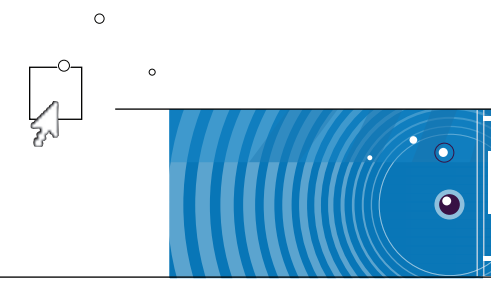
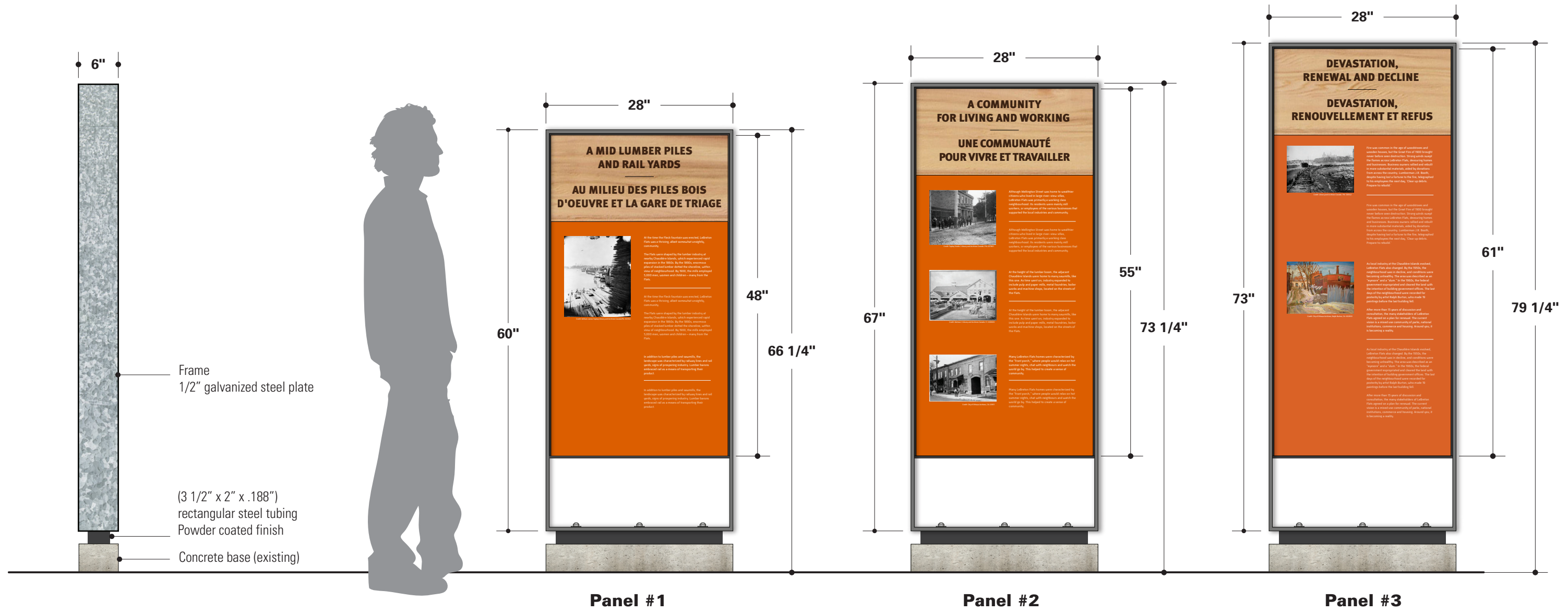
FEUILLE #

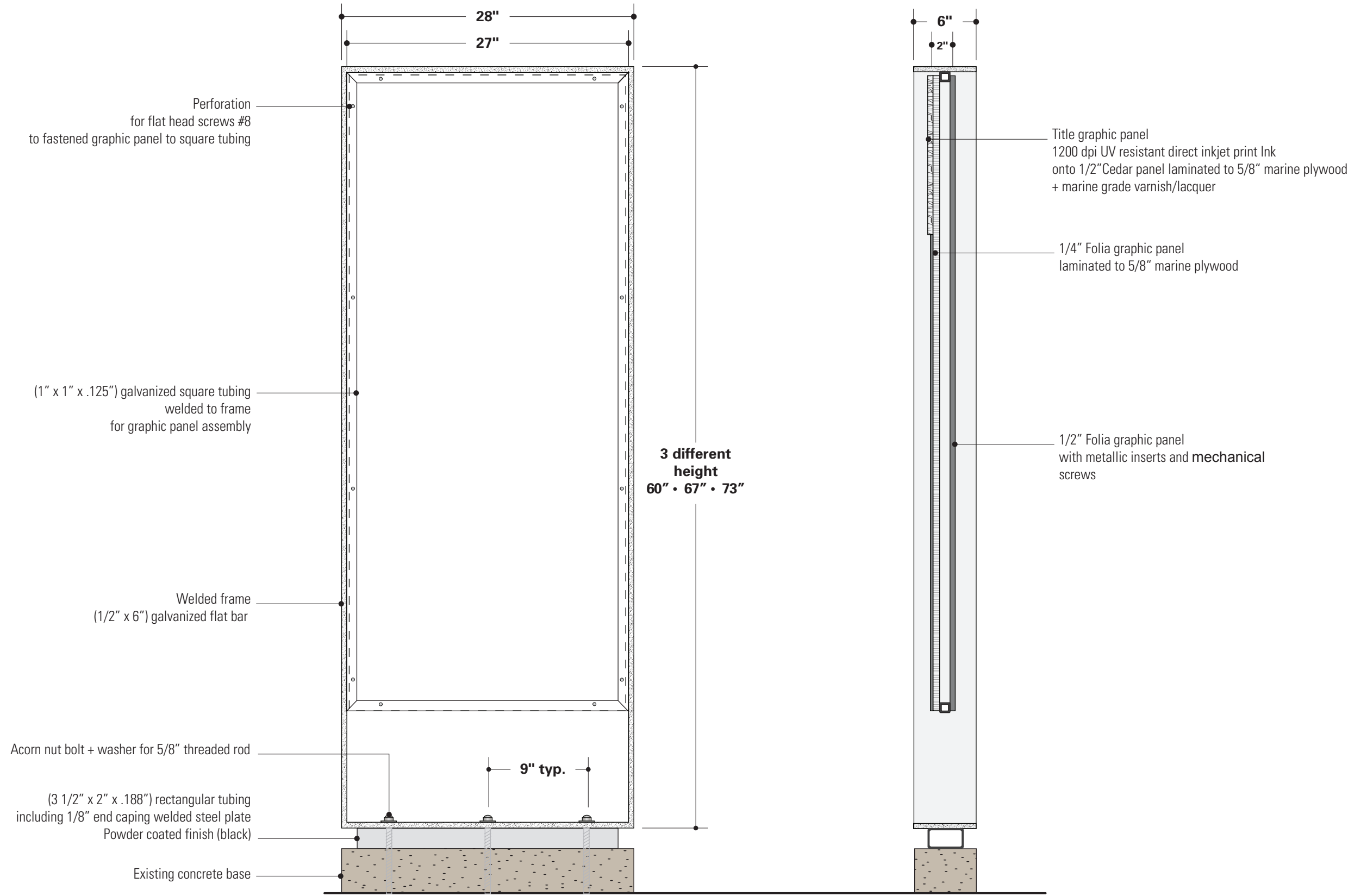
07



LEBRETON FLATS
WEST SIDE

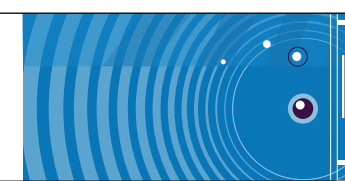
CANADIAN HERITAGE

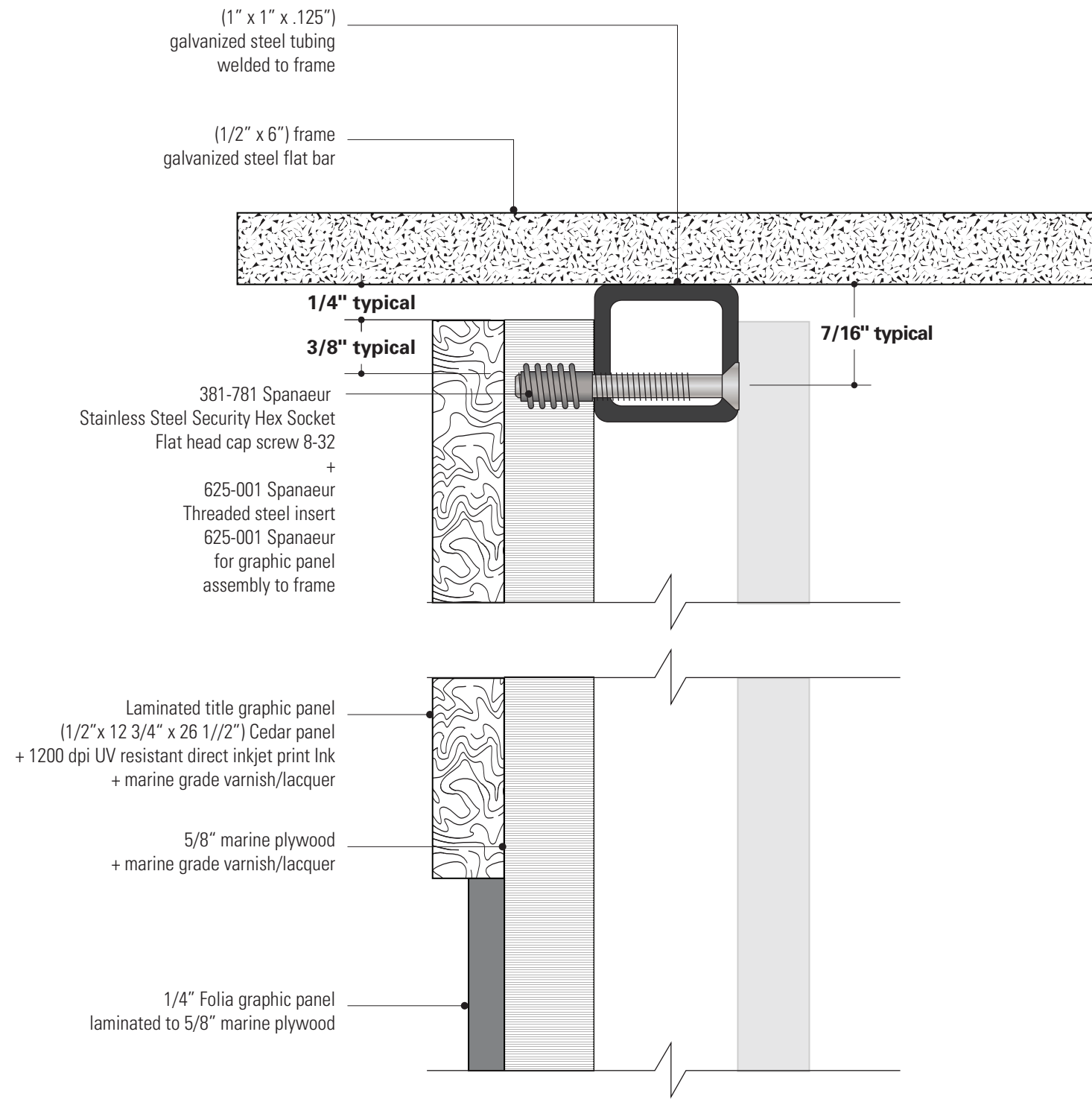




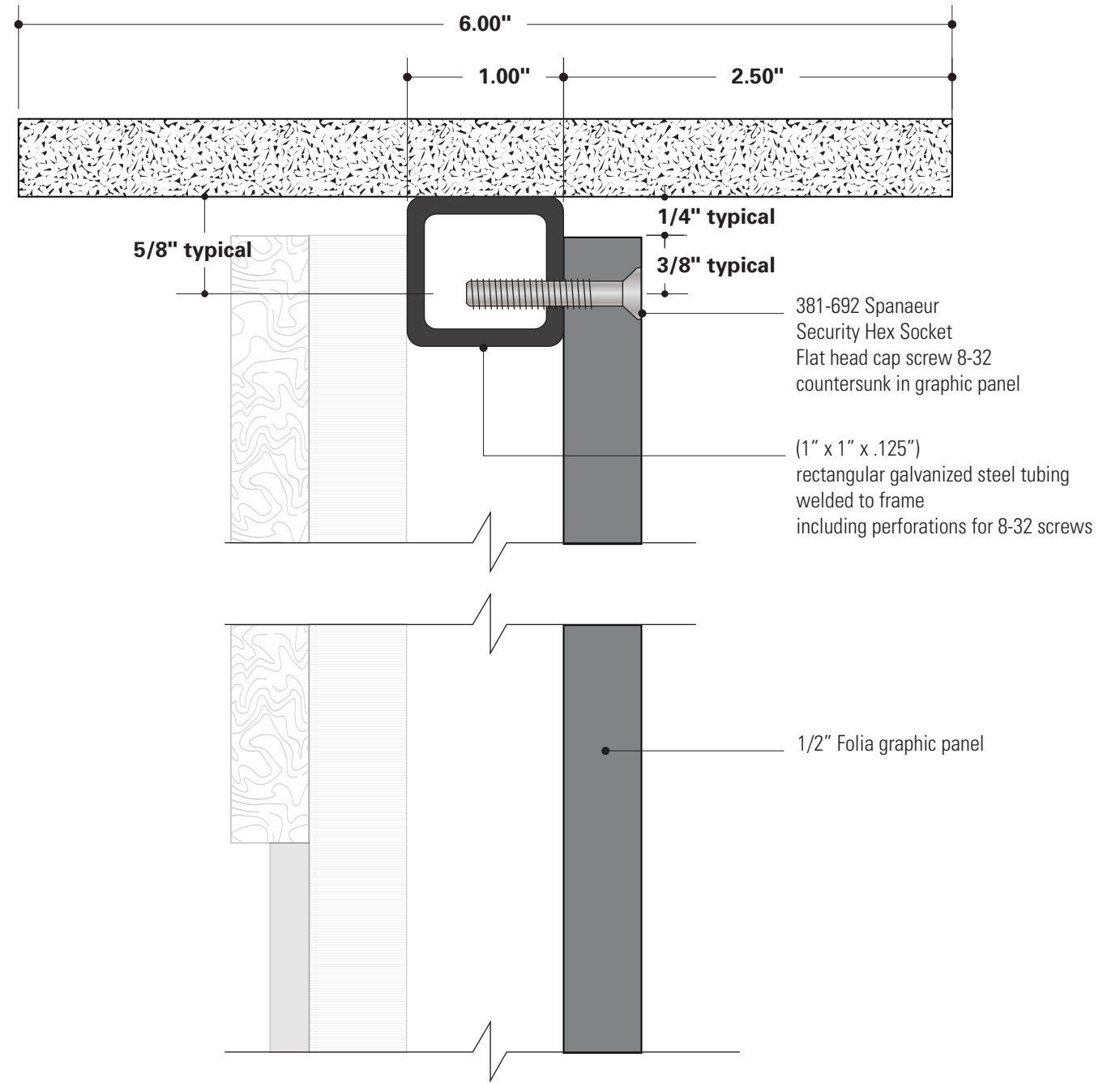
REAR VIEW

CROSS SECTION





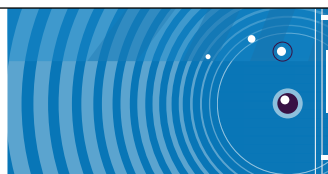
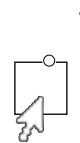
**CROSS SECTION
BACK PANEL ASSEMBLY**



**CROSS SECTION
FRONT PANEL ASSEMBLY**

NOTES

Phase 4: PLANS AND SPECIFICATIONS



l'idée projetée dans la forme

Michel Paquette

NOM DU PROJET / PROJECT NAME

Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

**Zone 2
Graphic
panel
details**

INFORMATIONS

DATE: 15/04/2016
DRAWN BY: Julien Le Hégarat
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 1

FEUILLE #

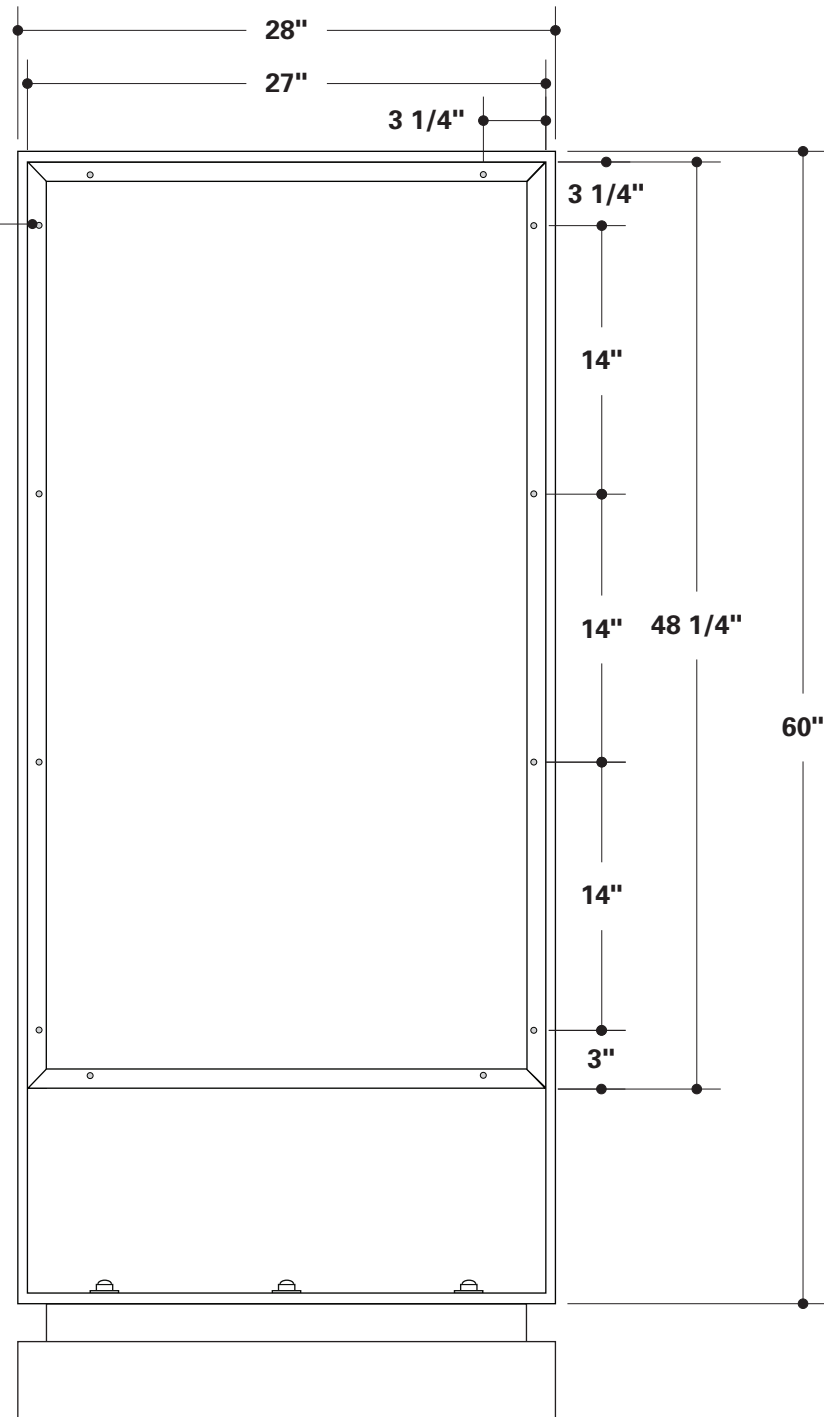
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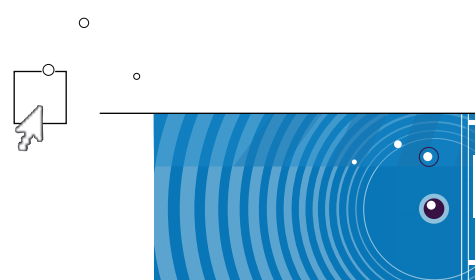
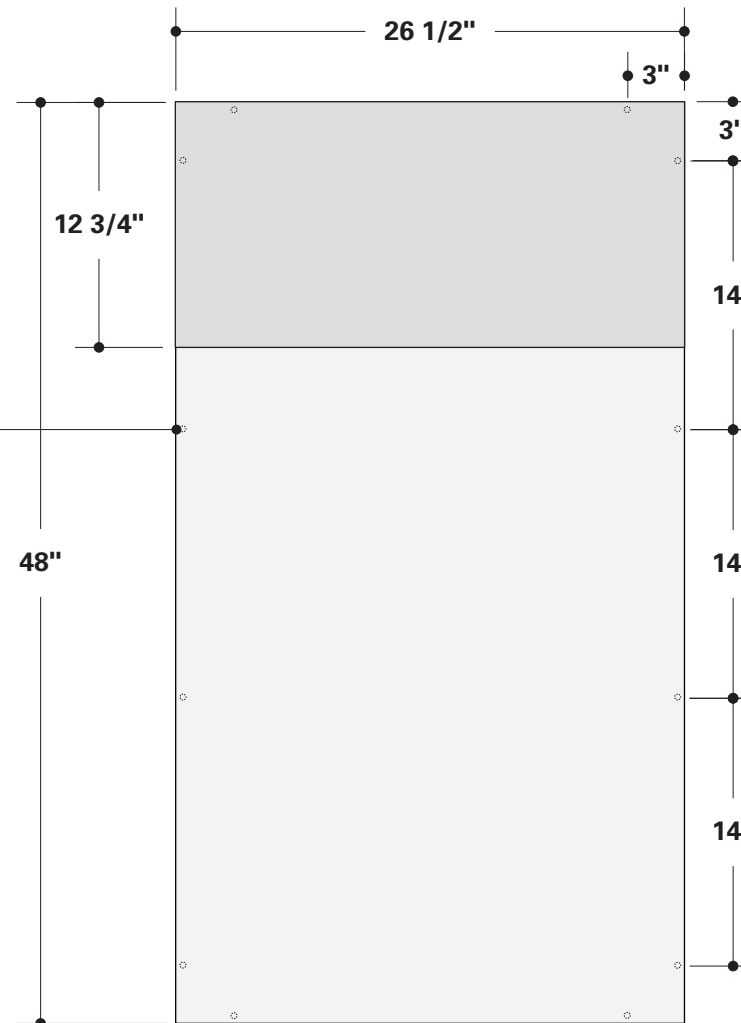
LEBRETON FLATS
WEST SIDE

CANADIAN HERITAGE

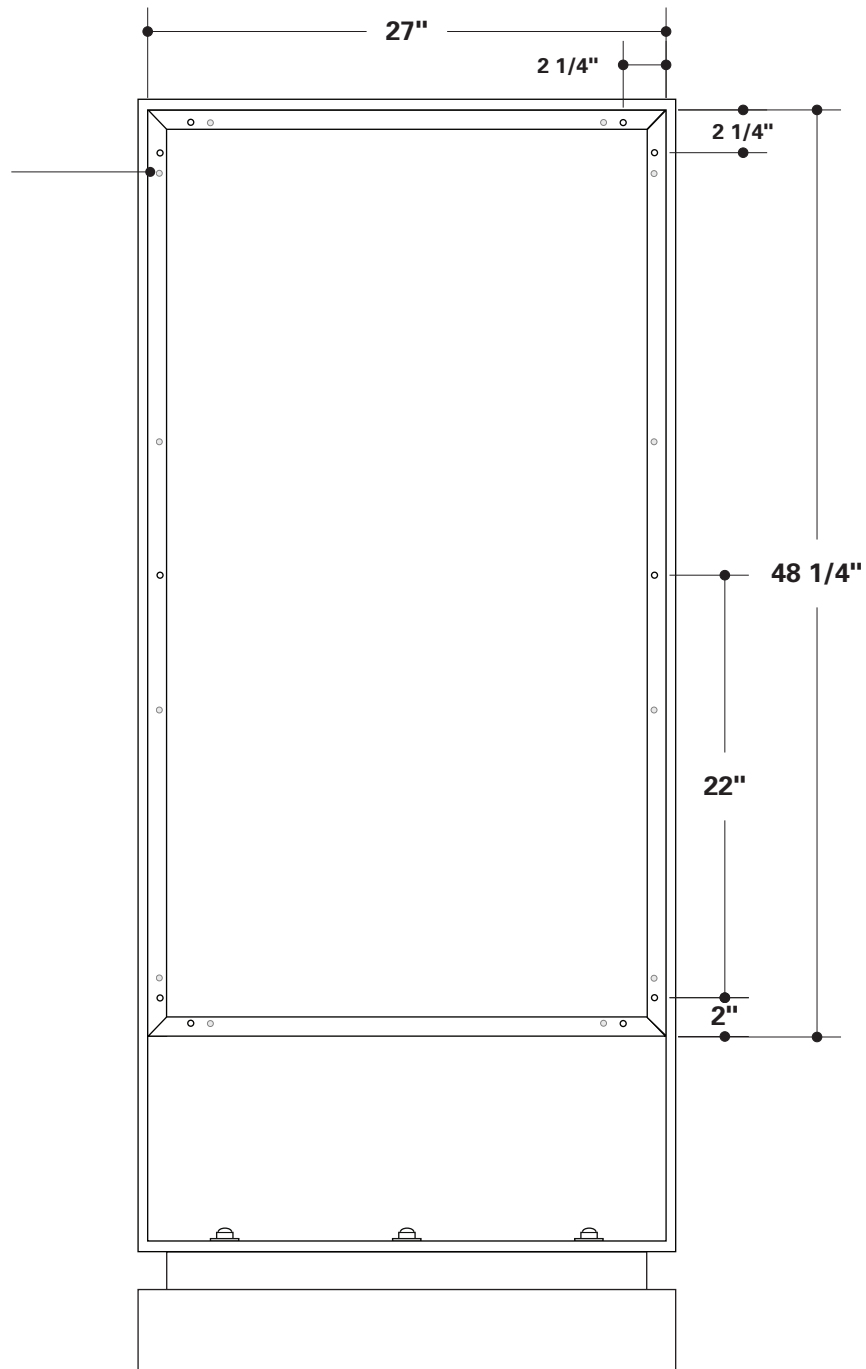
Threaded perforations for 8-32 screws for graphic panel assembly to square tubing



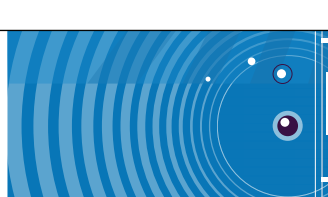
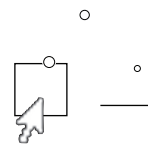
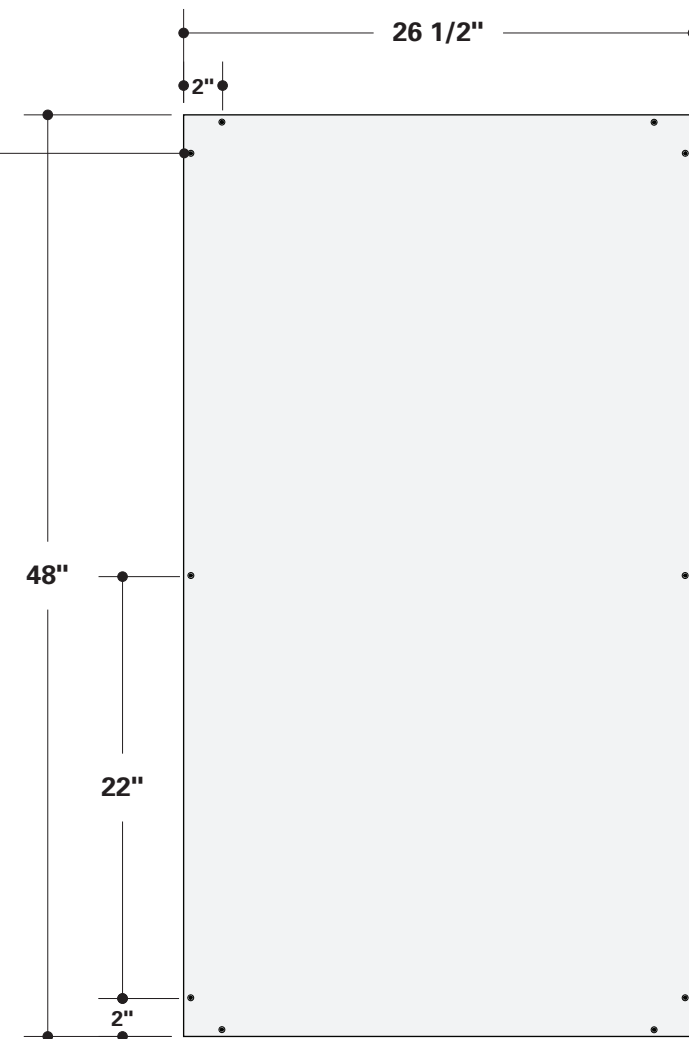
Metallic inserts at back of graphic panel



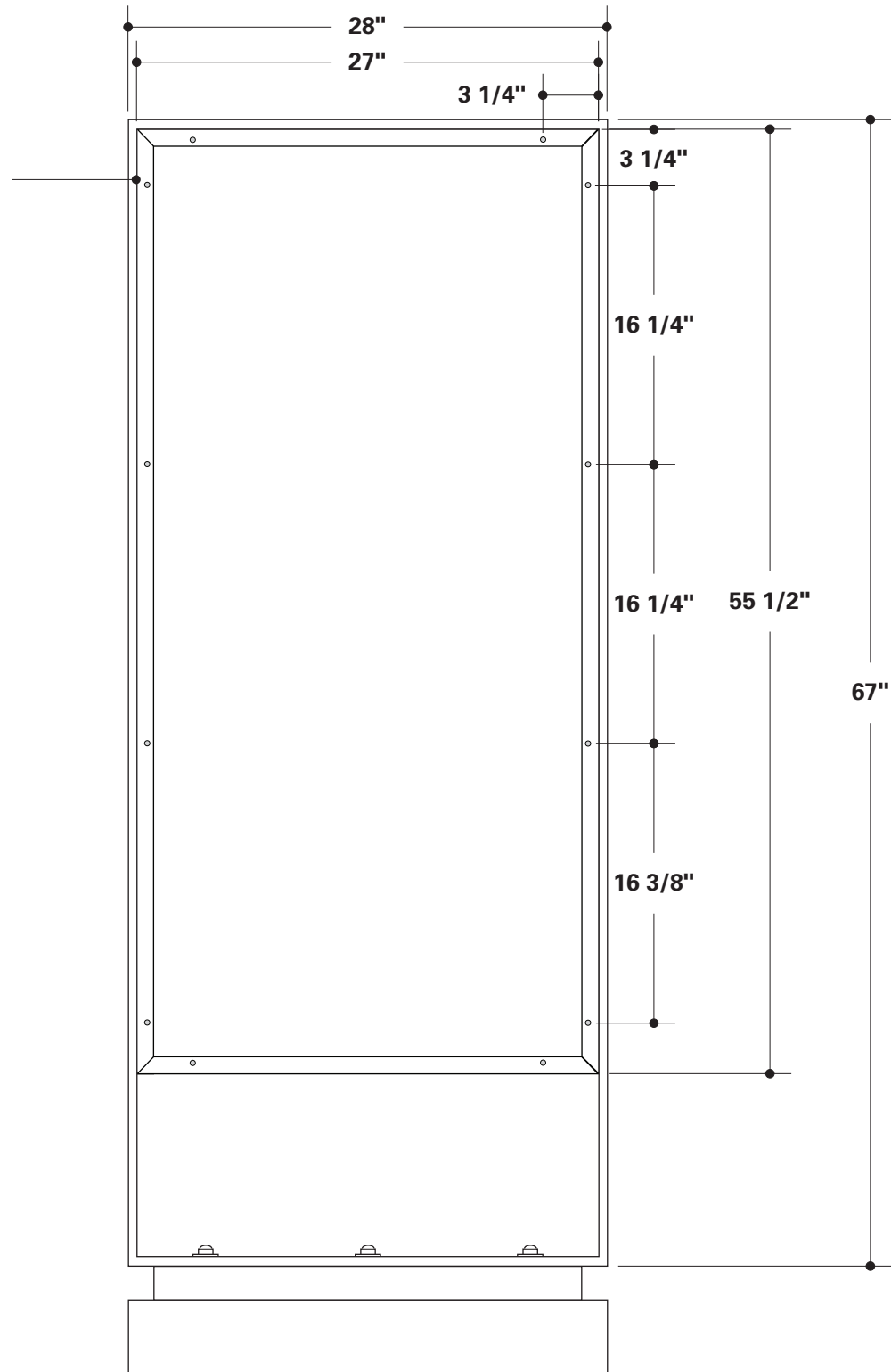
Threaded perforations for 8-32 screws for graphic panel assembly to square tubing



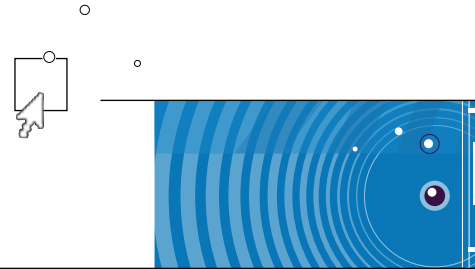
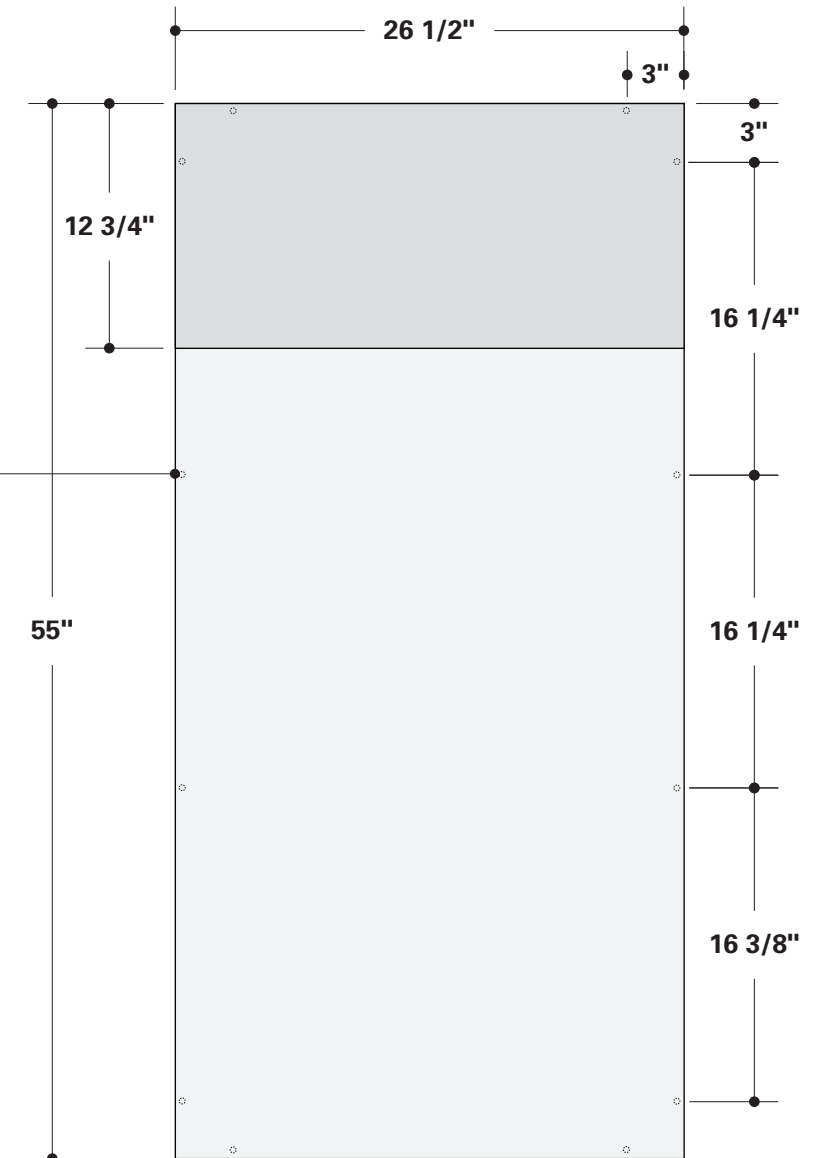
Metallic inserts at back of graphic panel



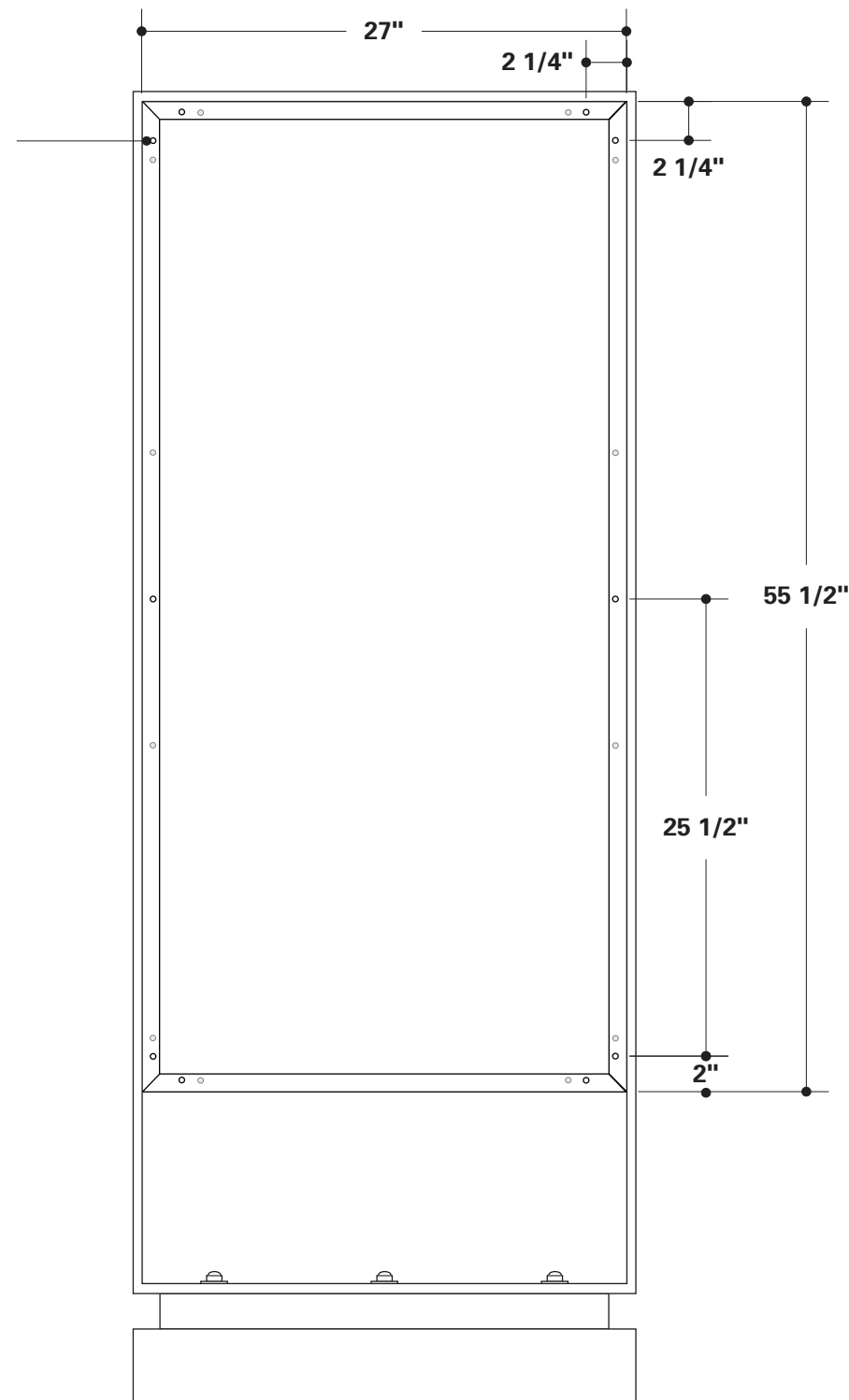
Threaded perforations for 8-32 screws for graphic panel assembly to square tubing



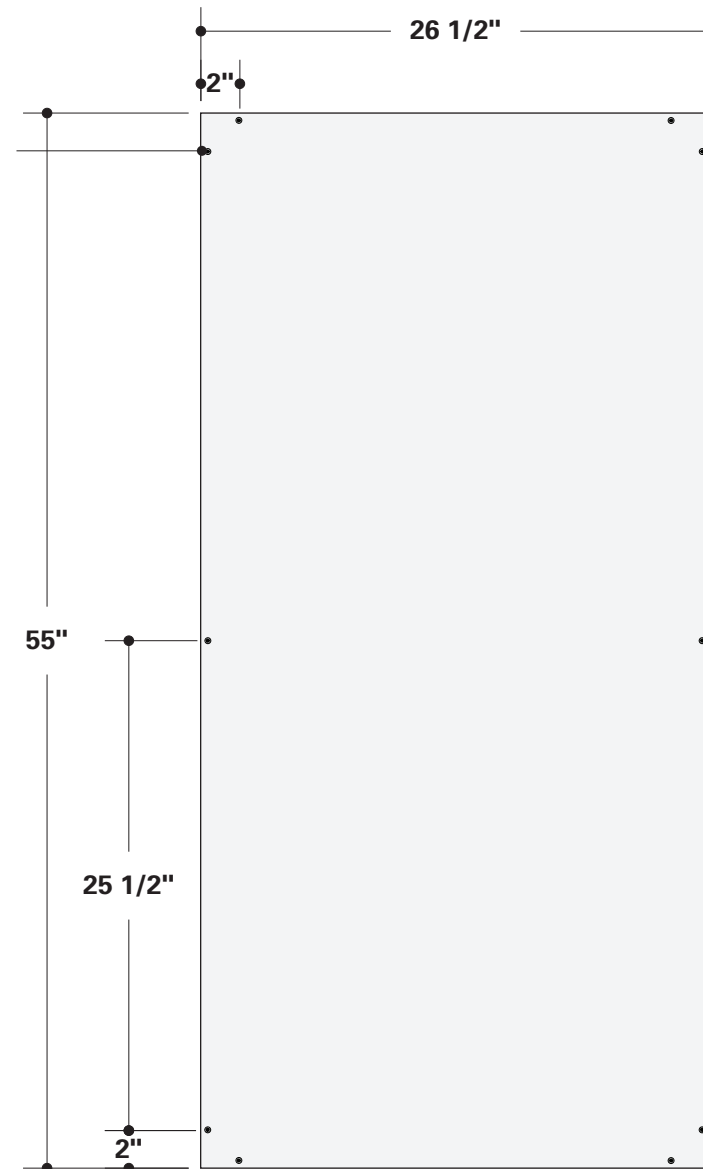
Metallic inserts at back of graphic panel



Threaded perforations for 8-32 screws for graphic panel assembly to square tubing

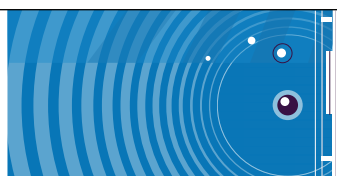
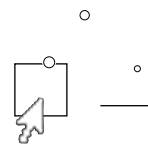


Metallic inserts at back of graphic panel



NOTES

Phase 4: PLANS AND SPECIFICATIONS



l'idée projetée dans la forme

Michel Paquette

NOM DU PROJET / PROJECT NAME

Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

Zone 2
Vertical panel #2
back face detail

INFORMATIONS

DATE: **15/04/2016**
DRAWN BY: **Julien Le Hégarat**
VERIFIED BY: **Frédéric Saint Laurent**
SCALE: **1 : 10**

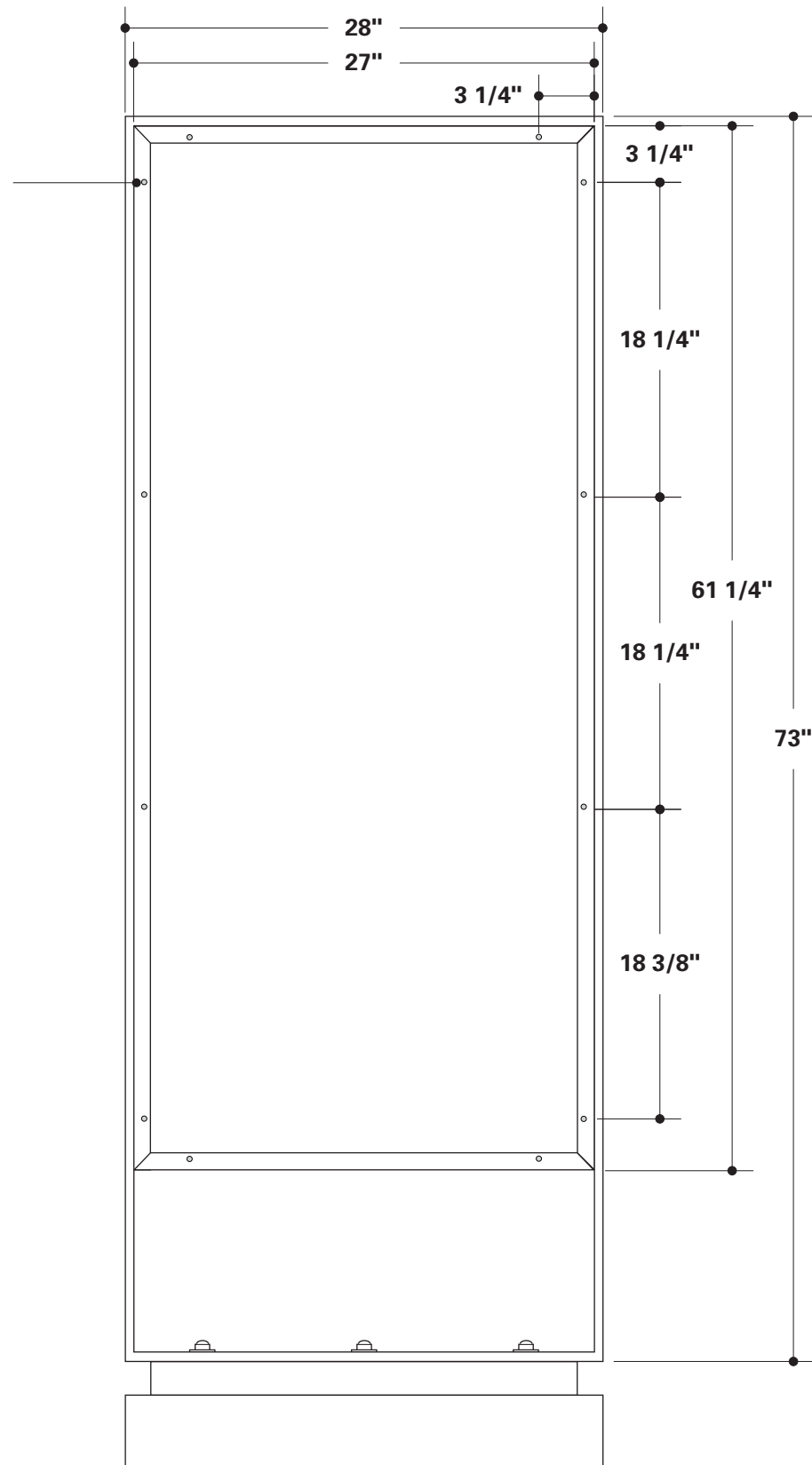
FEUILLE #

14

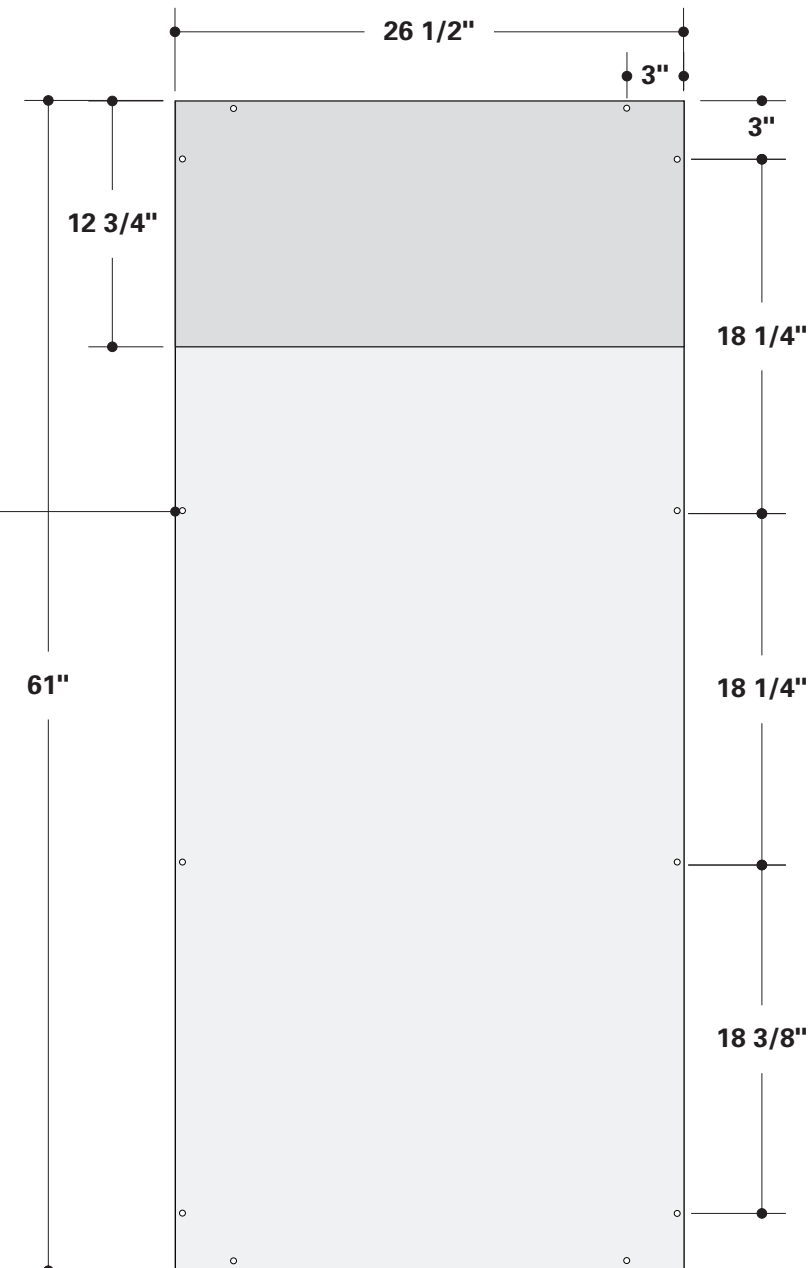
LEBRETON FLATS
WEST SIDE

CANADIAN HERITAGE

Threaded perforations for 8-32 screws for graphic panel assembly to square tubing

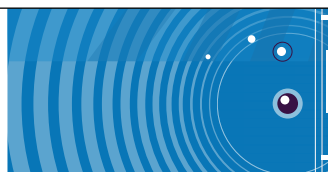
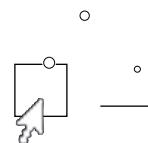


Metallic inserts at back of graphic panel



NOTES

Phase 4: PLANS AND SPECIFICATIONS



l'idée projetée dans la forme

Michel Paquette

NOM DU PROJET / PROJECT NAME

Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

Zone 2
Vertical panel #3
front face detail

INFORMATIONS

DATE: 15/04/2016
DRAWN BY: Julien Le Hégarat
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 10

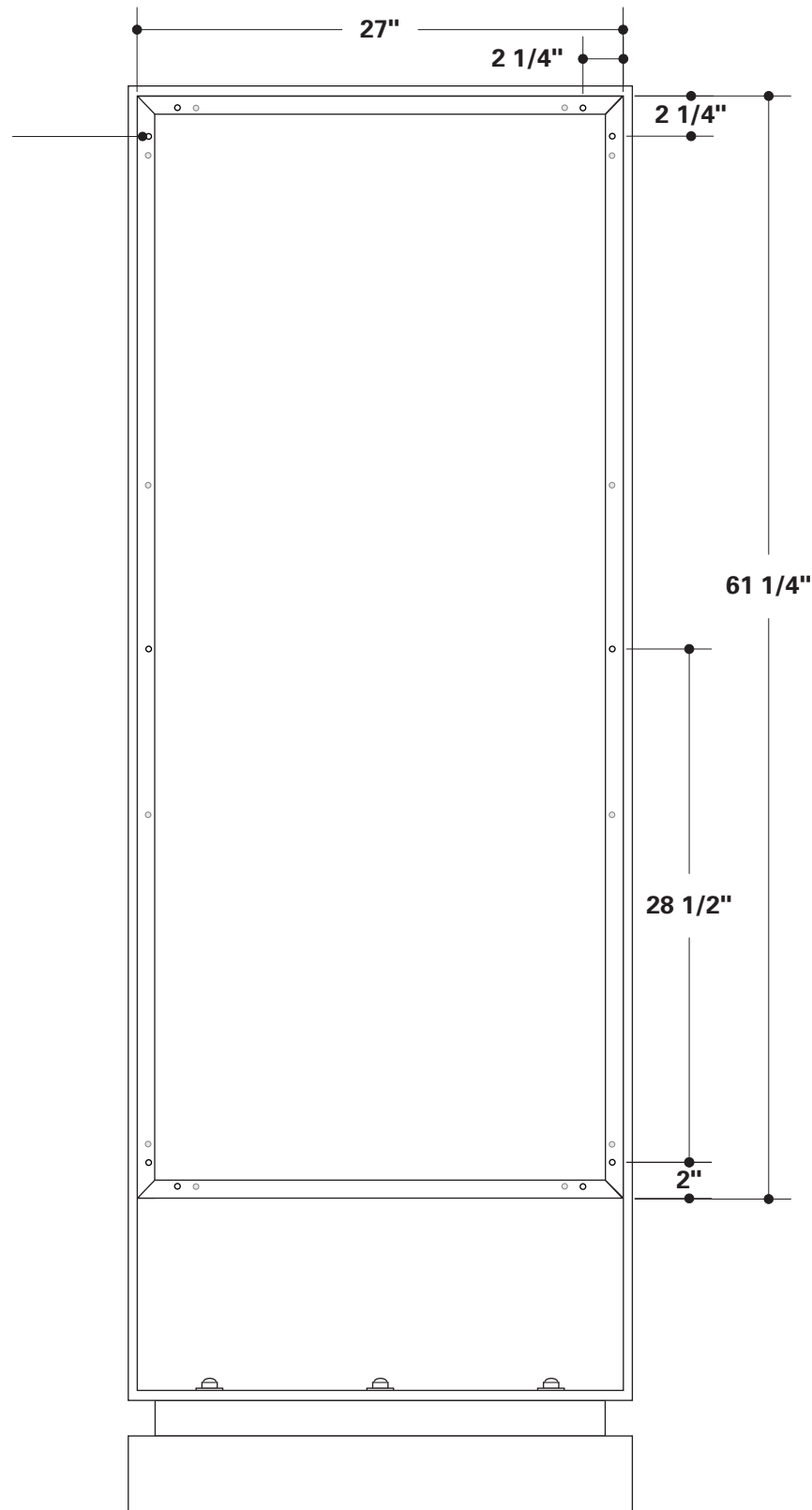
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15

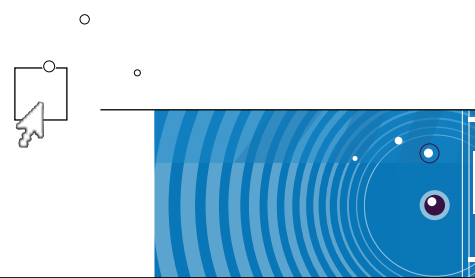
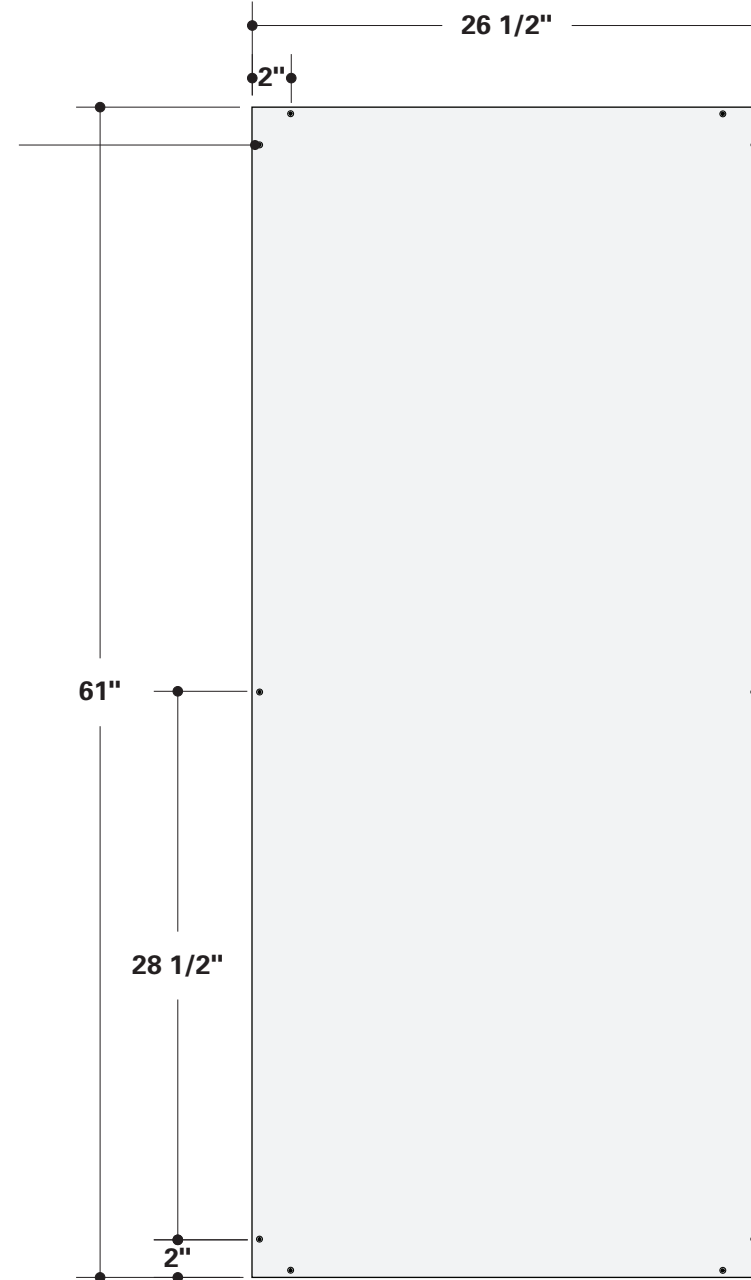
LEBRETON FLATS
WEST SIDE

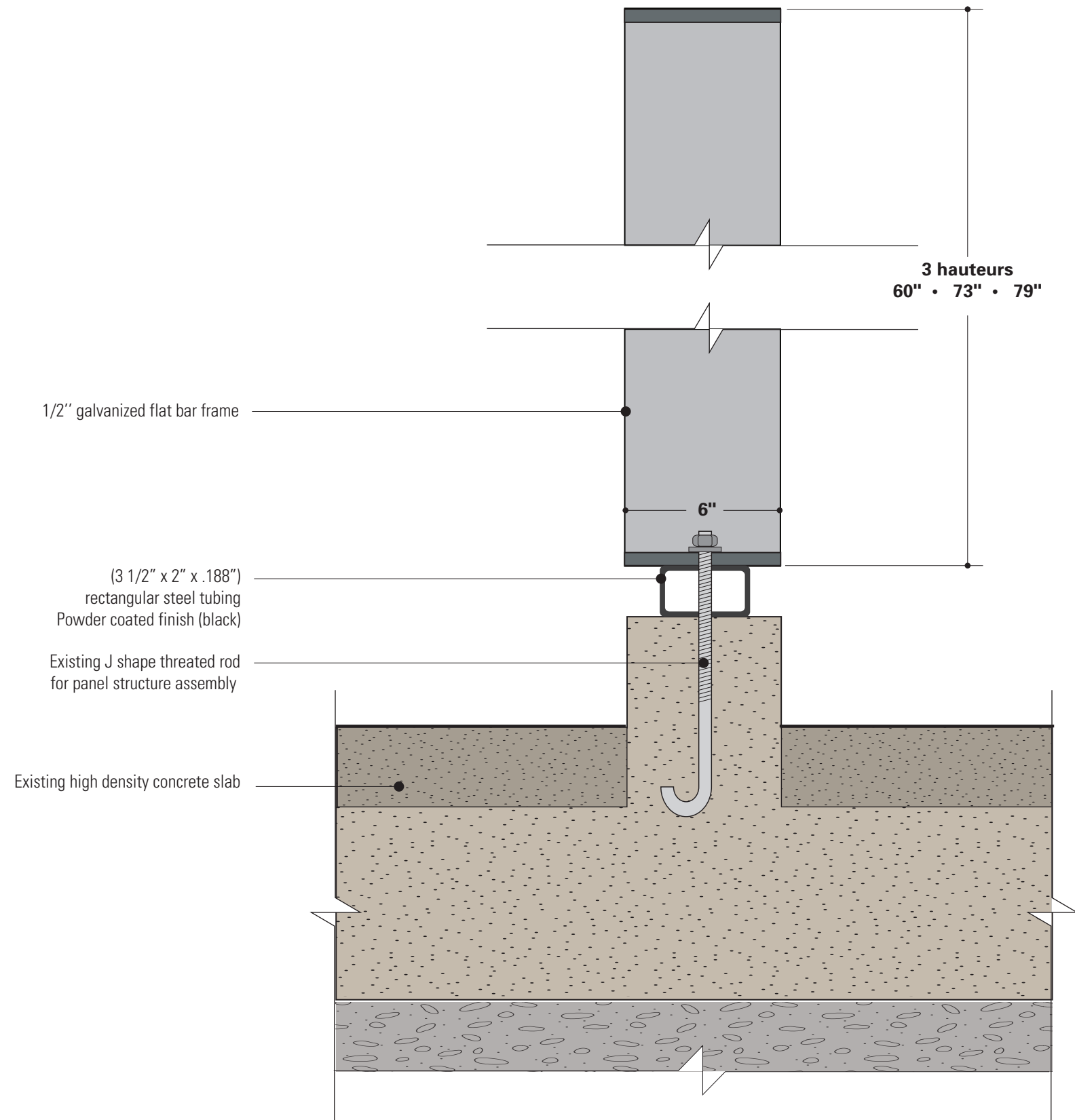
CANADIAN HERITAGE

Threaded perforations for 8-32 screws for graphic panel assembly to square tubing



Metallic inserts at back of graphic panel



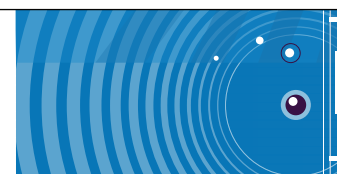


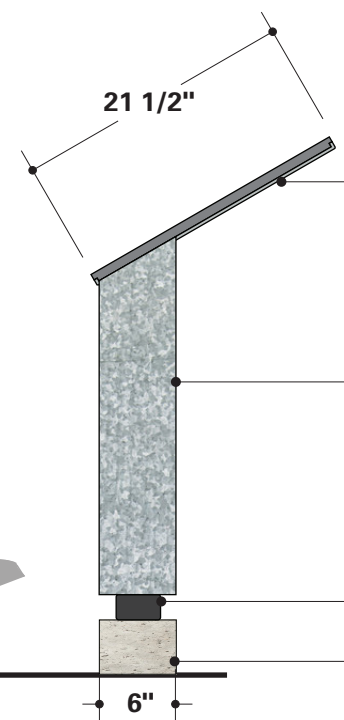
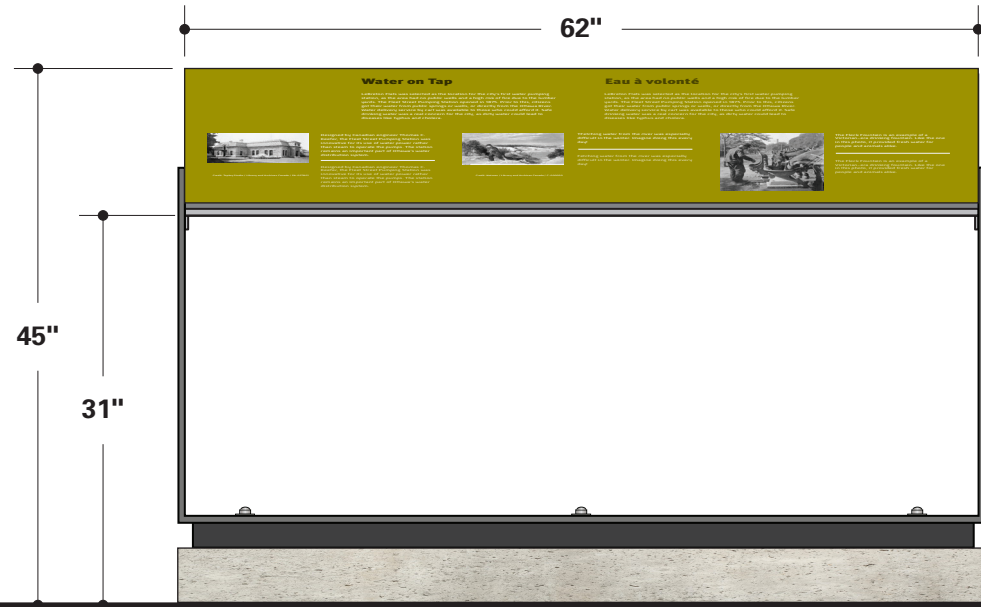
NOTE:

Concrete base foundation and J shape threaded rod installation are not included in this contract.

Fabricator is responsible of on site measuring and producing a template in order to position accurately hole pattern on square metal tubing and frame.

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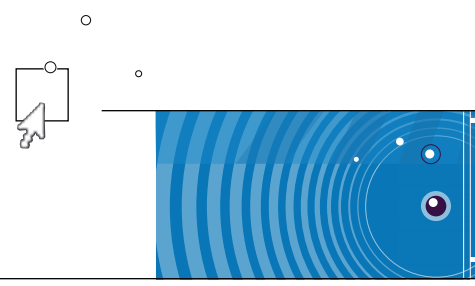
QUANTITY: 3 units

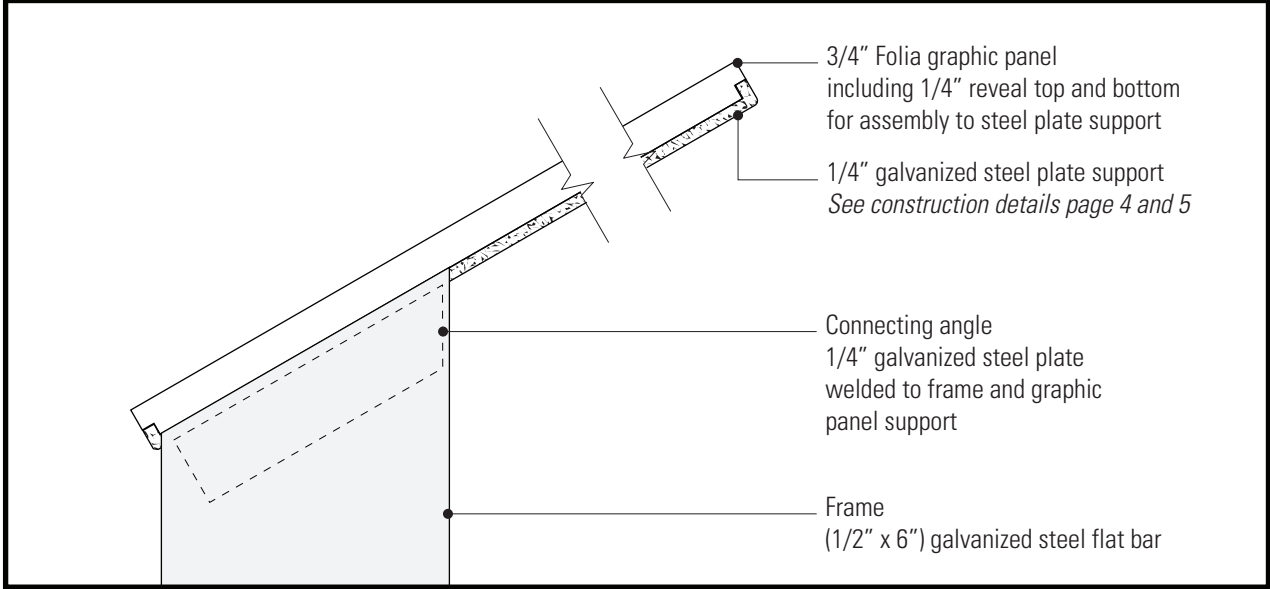
3/4" Folia graphic panel fastened to 1/4" galvanized steel plate assembled on galvanized steel 1/4" See details page 4 and 5

Frame 1/2" galvanized steel flat bar

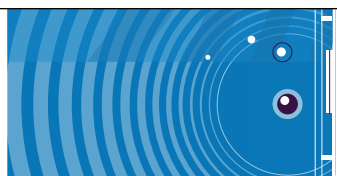
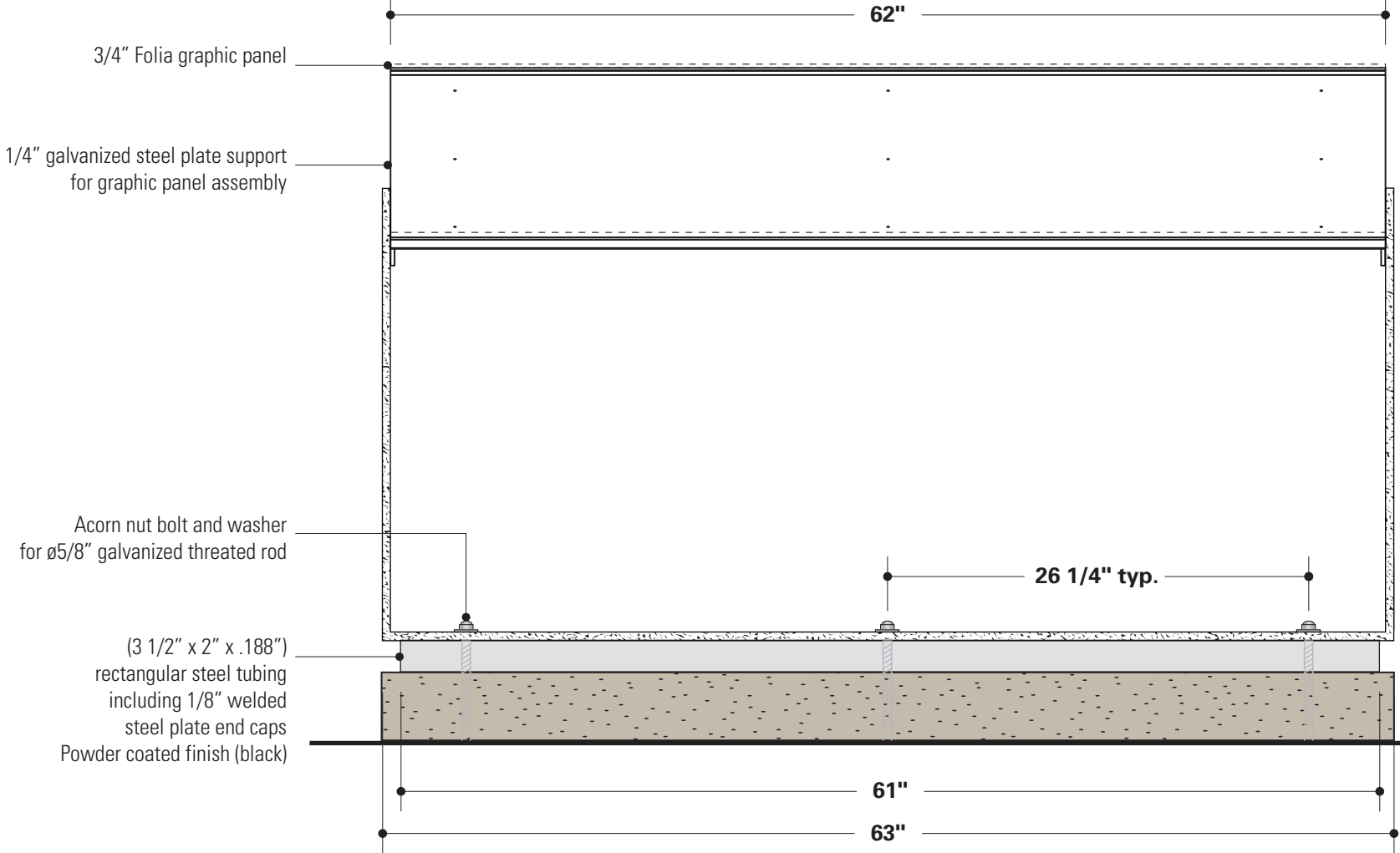
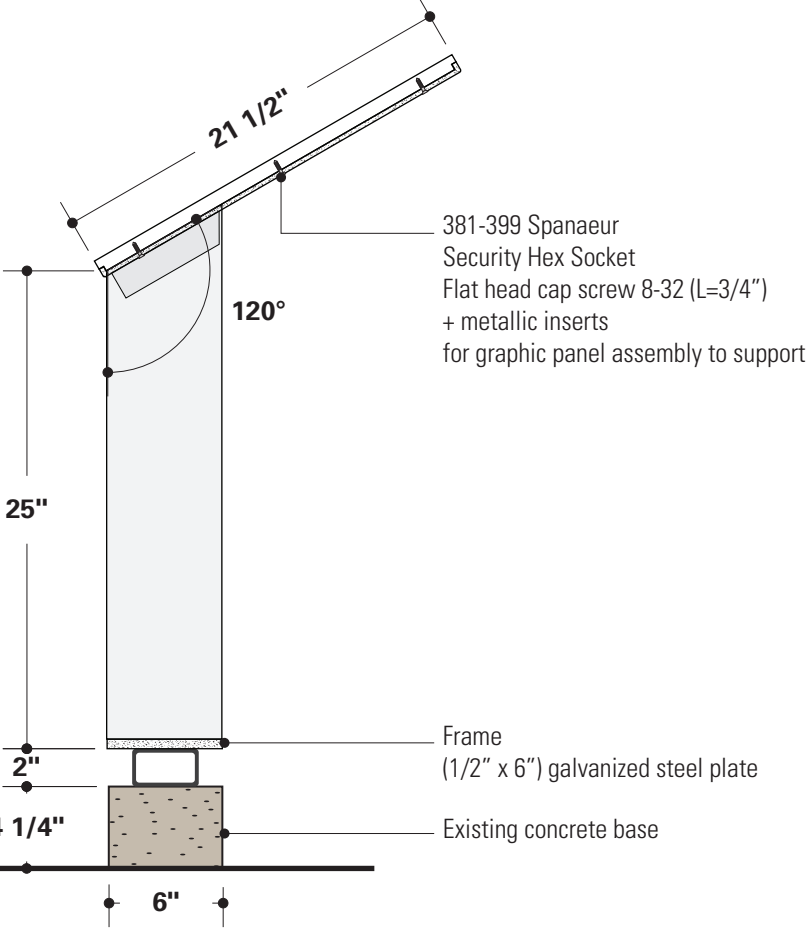
(3 1/2" x 2" x .188") rectangular steel tubing powder coated finish (black)

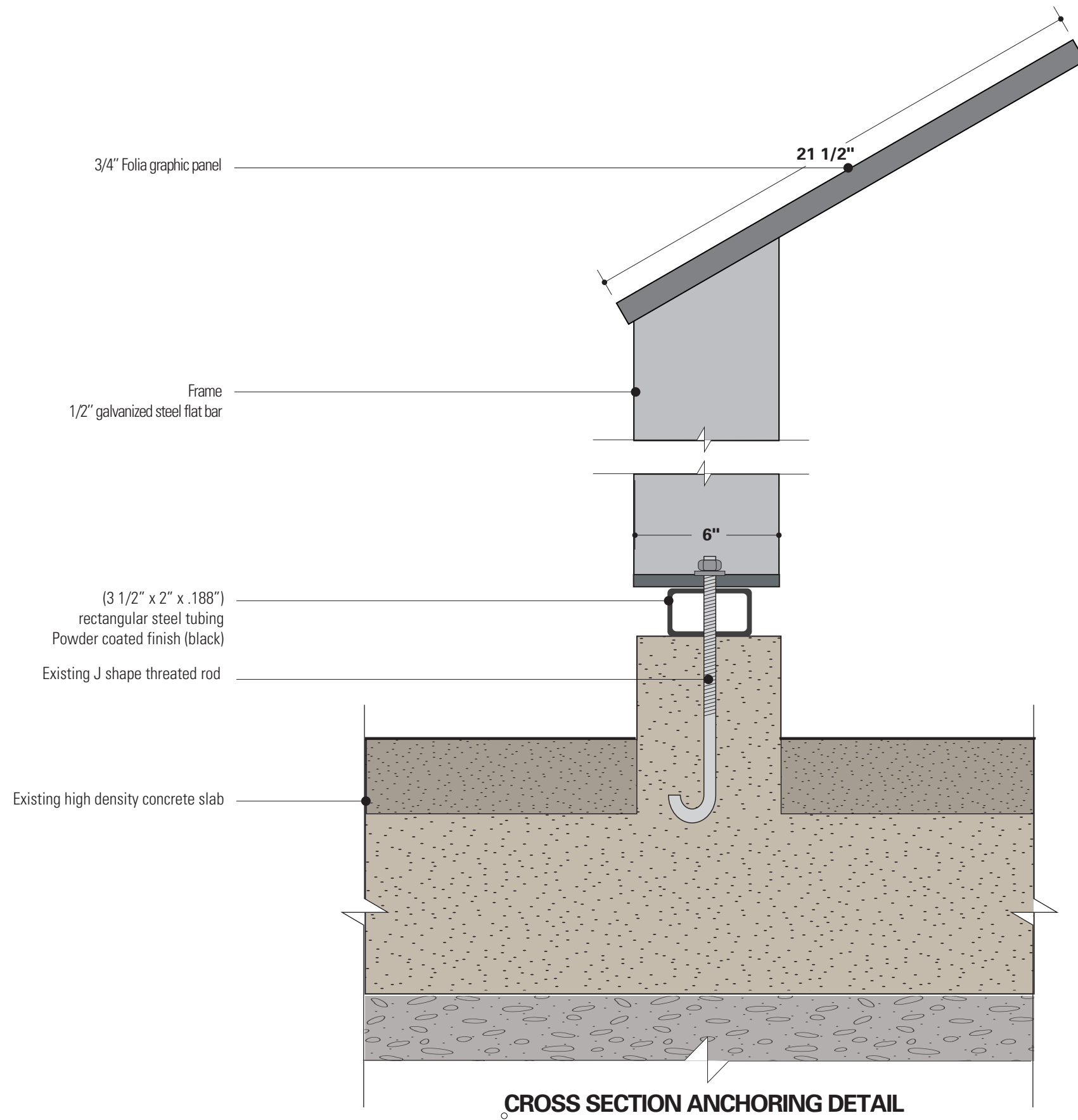
Existing concrete base





SIDE VIEW DETAIL SCALE 1:2





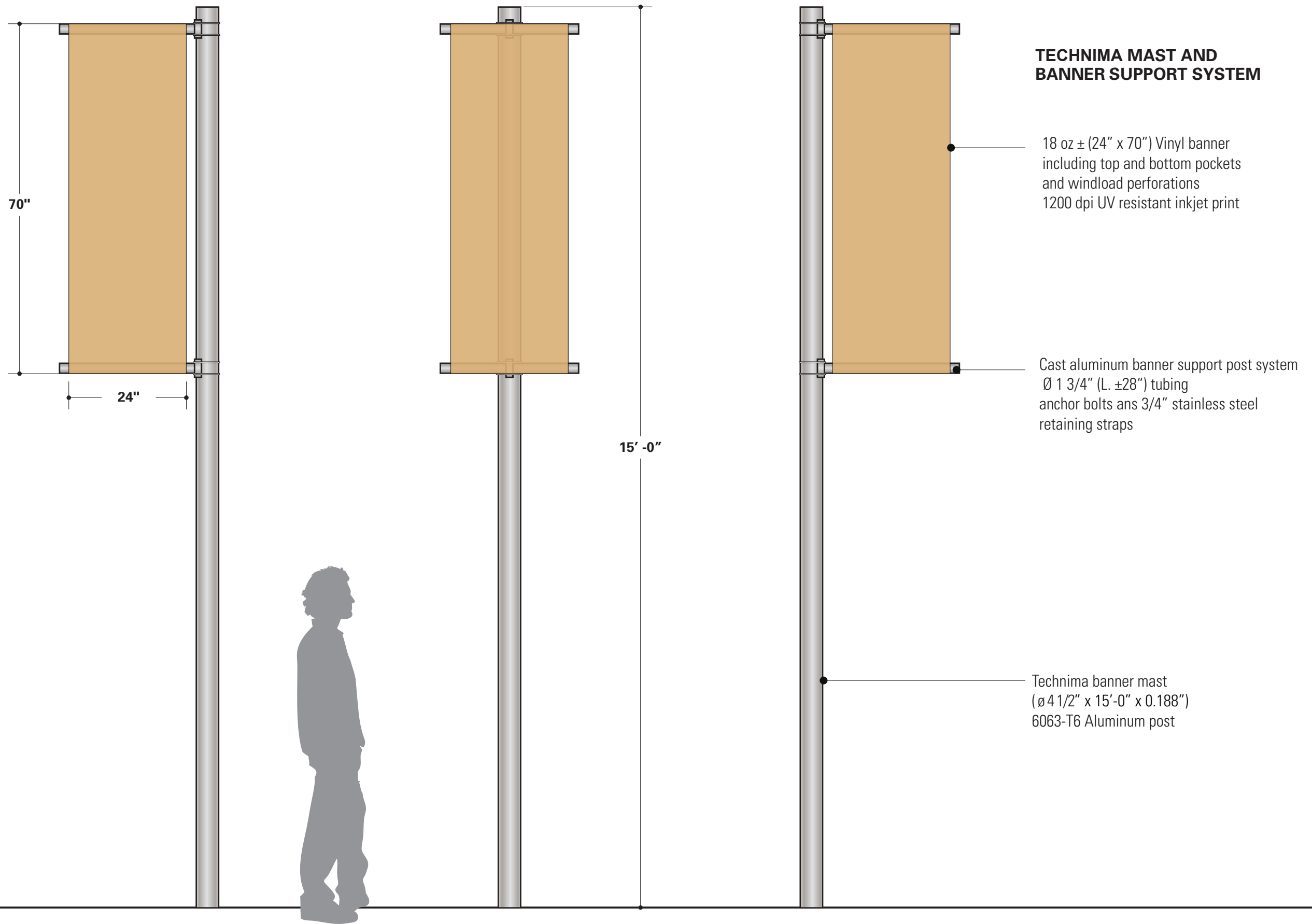
NOTE:
Concrete base foundation and J shape threaded rod installation are not included in this contract.

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CROSS SECTION ANCHORING DETAIL

NOTES			NOM DU PROJET / PROJECT NAME	TITRE DU DESSIN / DRAWING TITLE	INFORMATIONS	FEUILLE #
	Phase 4: PLANS AND SPECIFICATIONS		Michel Paquette Interpretive Panels Fleck Foutain Park West Side	Zone 3 text rail anchoring details	DATE: 15/04/2016 DRAWN BY: Julien Le Hégarat VERIFIED BY: Frédéric Saint Laurent SCALE: 1 : 5	20



NOTES

Phase 4: PLANS AND SPECIFICATIONS



l'idée projetée dans la forme

Michel Paquette

NOM DU PROJET / PROJECT NAME

Interpretive Panels
Fleck Fountain Park
West Side

TITRE DU DESSIN / DRAWING TITLE

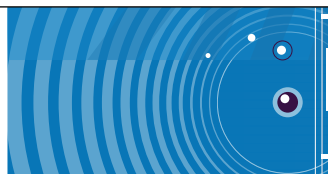
**Zone 3
Banner post
general view**

INFORMATIONS

DATE: 25/02/2016
DRAWN BY: Julien Le Hégarat
VERIFIED BY: Frédéric Saint Laurent
SCALE: 1 : 20

FEUILLE #

21

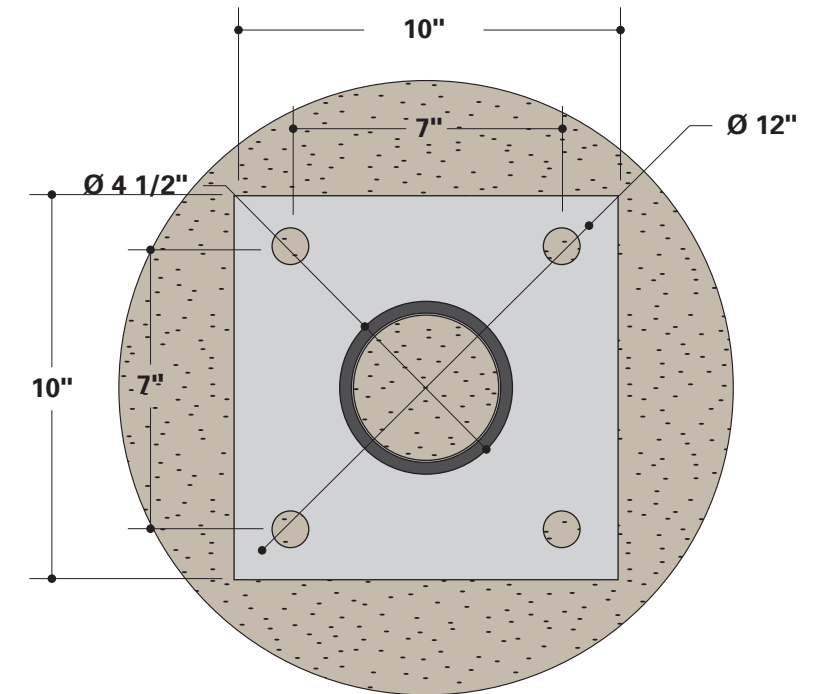
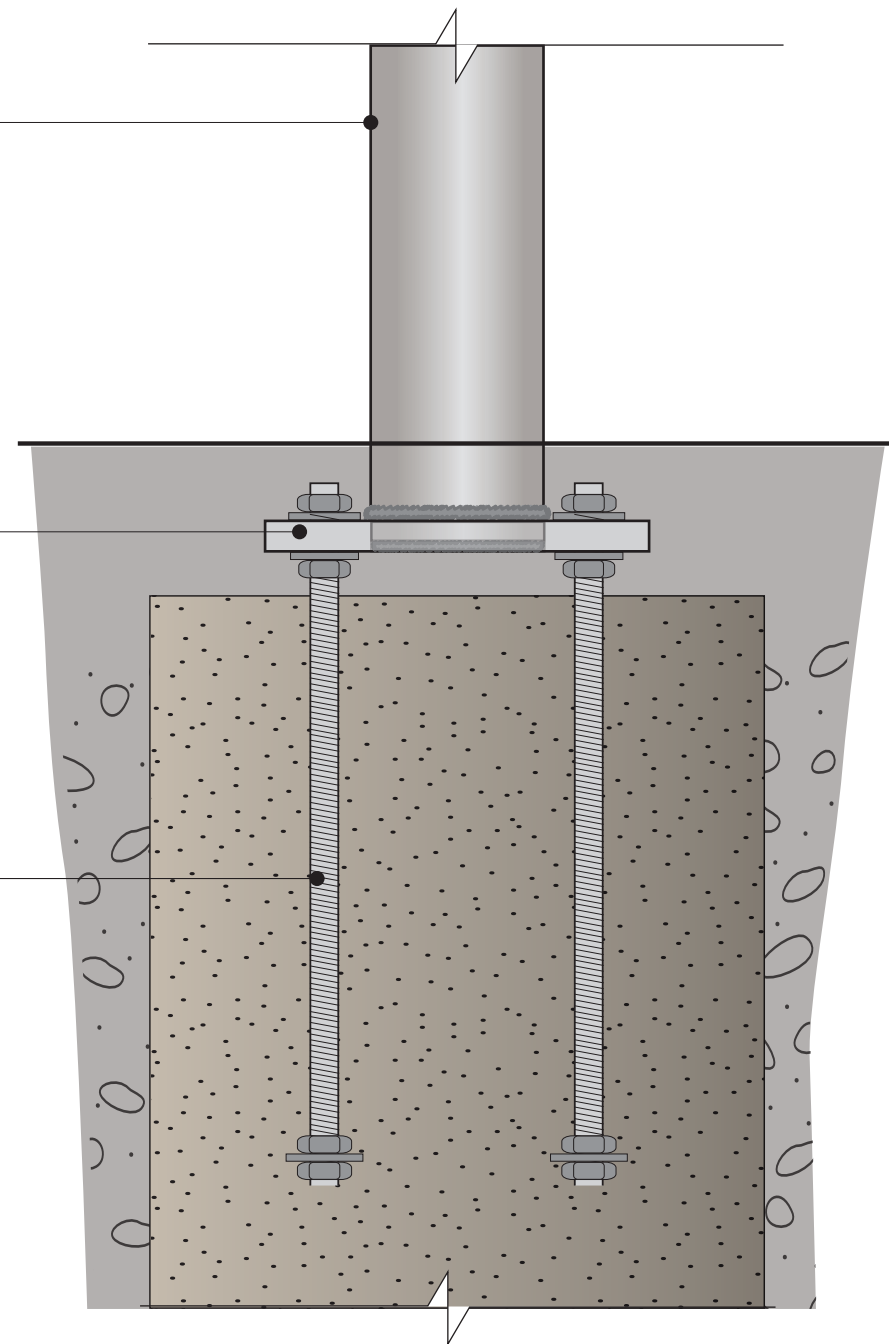




Technima
banner mast system
(\varnothing 4 1/2" x 15'-0" x 0.157")
aluminum post
welded to mounting flange/plate
(360° double welded cord)

(10" x 10" x 3/4")
Technima
mounting flange/plate

Existing threaded rod



NOTE:

Concrete base foundation and threaded rod installation are not included in this contract.

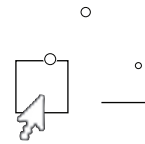
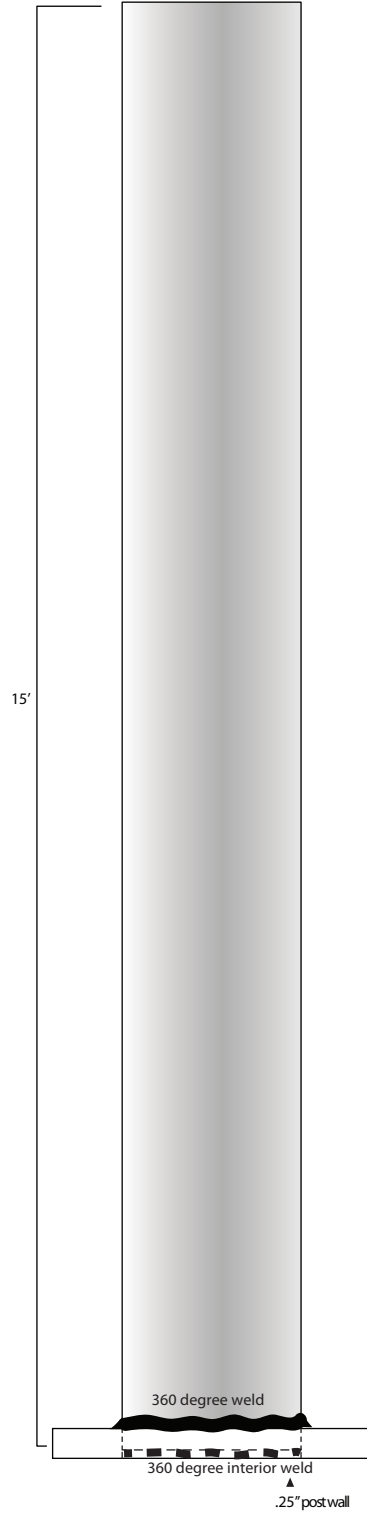
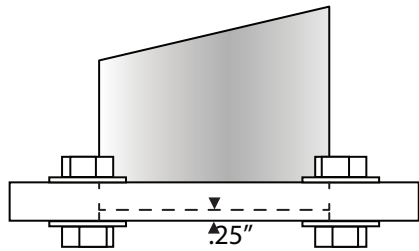
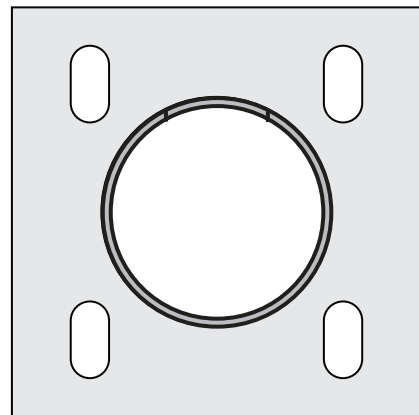
Fabricator is responsible of on site measuring and producing a template in order to position accurately hole pattern on mounting flange / plate.

Fabricator is also responsible for the installation, levelling and anchoring of the banner mast and components. Fabricator to guarantee physical integrity, solidity and wind load resistance of all structure, post and support system.

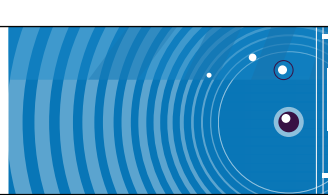
Banner Mast



Technima
 banner and flag mast
 (ø 4 1/2" x 15'-0" x 0.188")
 6063-T6 Aluminum post



NOTES
 Phase 4: PLANS AND SPECIFICATIONS



GENERAL NOTES:

1. ANY DEVIATION FROM THE CONDITIONS SHOWN ON THE DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. DO NOT SCALE DRAWINGS.
3. STRUCTURAL DESIGN DONE IN ACCORDANCE WITH:
CSA A23.3-14 DESIGN OF CONCRETE STRUCTURES;
HILTI ANCHOR FASTENING TECHNICAL GUIDE (2011 EDITION);
CSA S6-14 CANADIAN HIGHWAY BRIDGE DESIGN CODE.

THESE DRAWINGS HAVE BEEN REVIEWED WITH RESPECT TO THE STRUCTURAL REQUIREMENTS OF THE CANADIAN HIGHWAY BRIDGE DESIGN CODE (2014) ONLY. NON-STRUCTURAL DETAILS SHALL BE CONFIRMED BY OTHERS.

4. DESIGN LOADS (SPECIFIED):

DEAD LOAD = 100 kg PER SIGN;
WIND LOAD = 0.89 kPa;
 $q = 0.295 \text{ kPa}$, X_{10} YEARS (OTTAWA, ON);
 $C_e = 1.0$, $C_g = 2.5$;
 $C_h = 1.2$ (TABLE A3.2.2: SIGN PANELS AND NOISE BARRIERS).

5. MATERIALS:

CONCRETE:

FOOTING, $f'_c = 20 \text{ MPa}$, CLASS F-2 c/w 5-8% AIR ENTRAINMENT;

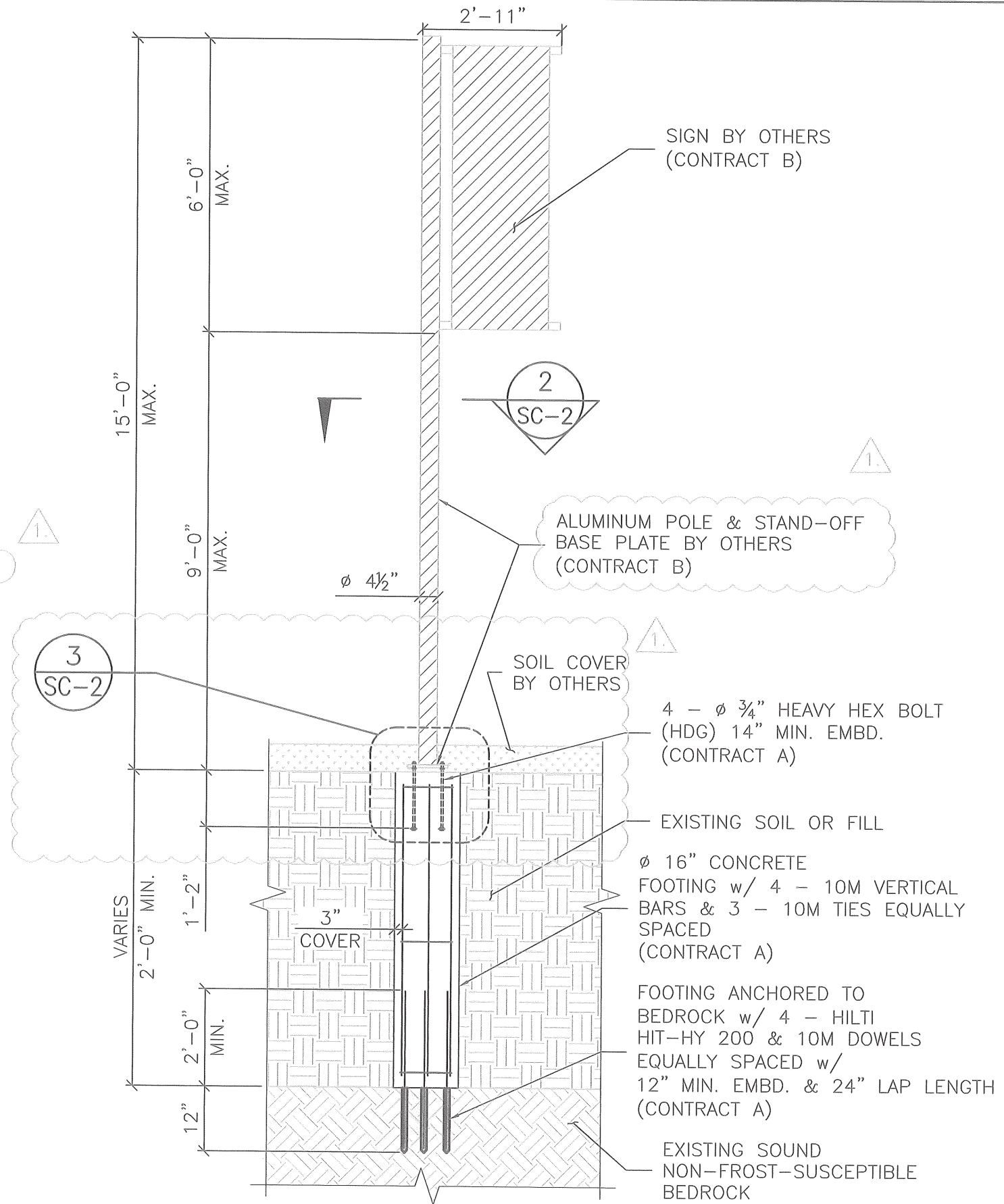
REINFORCING STEEL, CSA G30.18 400R (OR 400W);

ANCHOR BOLTS HEAVY HEX HEAD c/w RUBBER GASKETS & WASHER, ASTM F1554 GRADE 36;

SIKA BITUMINEN OR APPROVED EQUIVALENT;

HILTI HIT-HY 200 SAFE SET ADHESIVE ANCHORING SYSTEM.

6. ARRANGEMENT, GEOMETRY AND CONDITIONS WITH THE EXISTING STRUCTURE ARE ASSUMED TO BE AS INDICATED IN PANNEAUX D'INTERPRETATION PARC ANISHINABE CÔTÉ EST (DATED APRIL 25, 2016).
7. PROPRIETARY PRODUCTS (INCLUDING HILTI EPOXY) SHALL BE INSTALLED AS PER THE MANUFACTURER'S INSTRUCTIONS.
8. ALL METAL FASTENERS, AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED (HDG) AS PER ASTM A153.
12. CONCRETE SHALL BE PLACED IN CONFORMANCE TO CSA A23.1. CLEAR COVER TO REINFORCING STEEL SHALL BE 3" IN ALL LOCATIONS.
13. THESE DRAWINGS SHOW THE FOOTING AND ANCHORAGE OF THE SIGN TO THE FOOTING ONLY. THE STRUCTURAL COMPONENTS OF THE SIGN SHALL BE CONFIRMED BY OTHERS.
14. REINFORCING STEEL, DOWELS, AND CAST IN PLACE HEAVY HEX BOLTS SHALL BE INSPECTED BY THE ENGINEER PRIOR TO POURING.



1 SIGN 4 FOOTING (OPTION 1)
SC-1 3/8"=1'-0" ELEVATION

client
VISOU DESIGN

art engineering inc.
171 Wolgreen Road
Carp • Ontario • R0A 1J0 • Canada
(613) 836-0032 • Fax (613) 836-1226
www.artengineering.ca

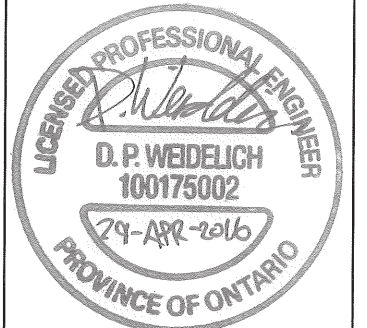
scale 3/8" = 1'-0"

revisions	description	date
1.	REVISED	29-04-16
0.	FOR CLIENT'S REVIEW	27-04-16

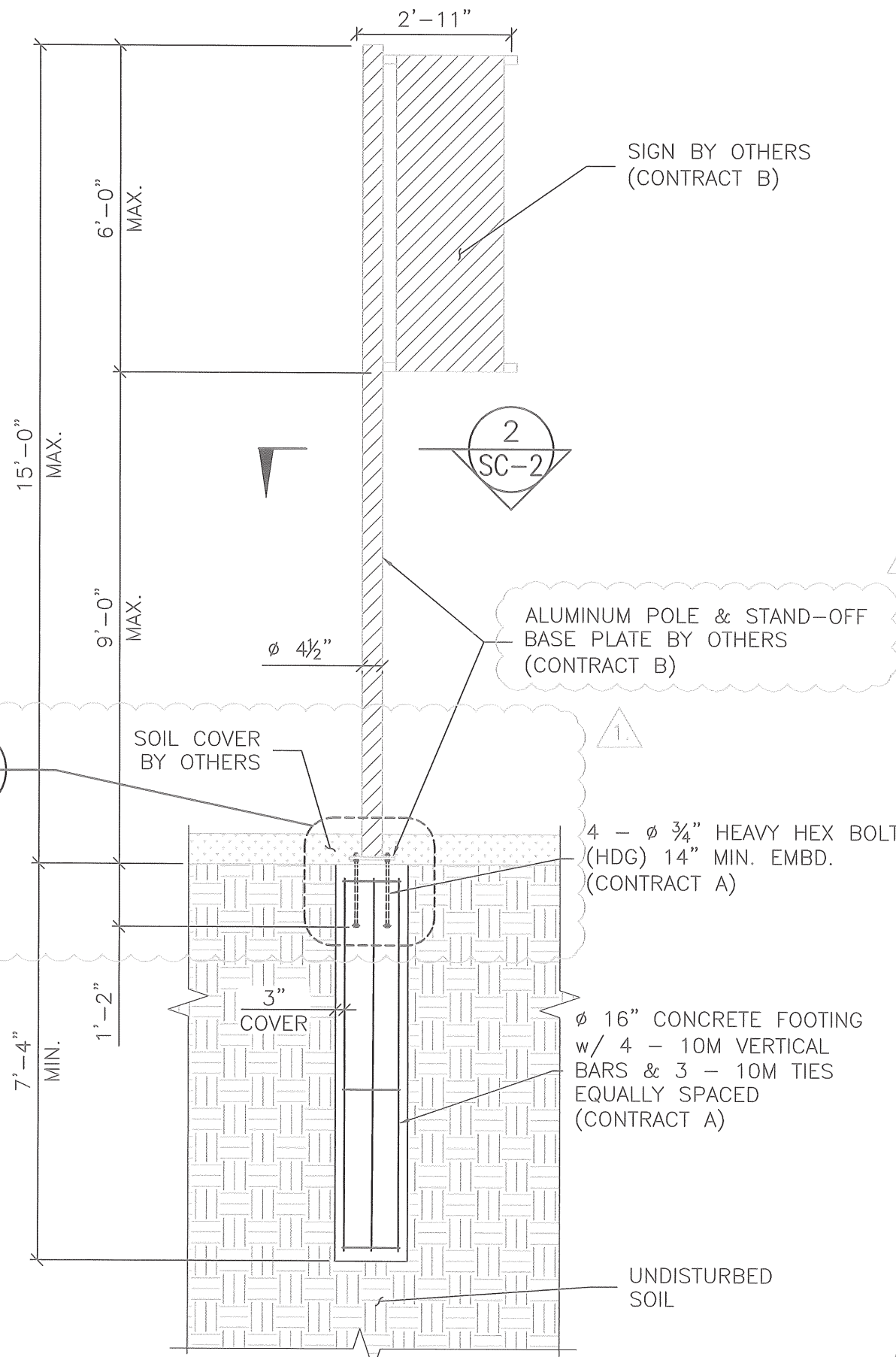
A	A detail no. no. de détail
B	B location drawing no. sur dessin no.

project
ANISHINAABE SIGN FOOTING & ANCHORAGE
PARC DES PLAINES LEBRETON:
CÔTÉ EST OTTAWA, ON

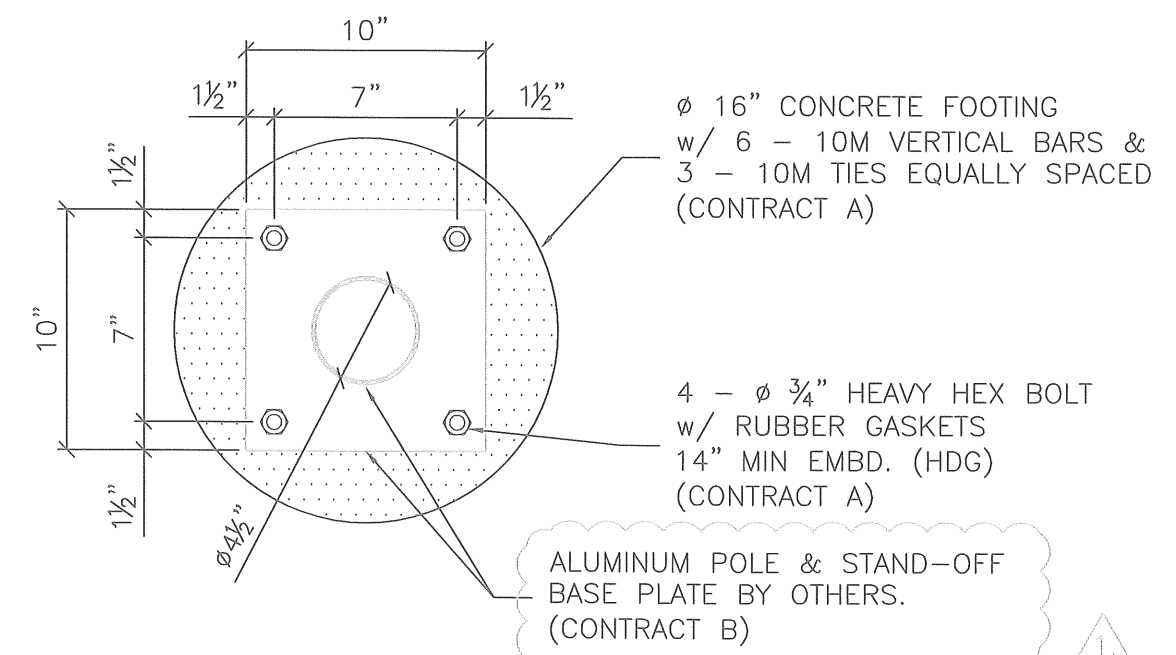
drawing
GENERAL NOTES & SIGN 4: ELEVATION



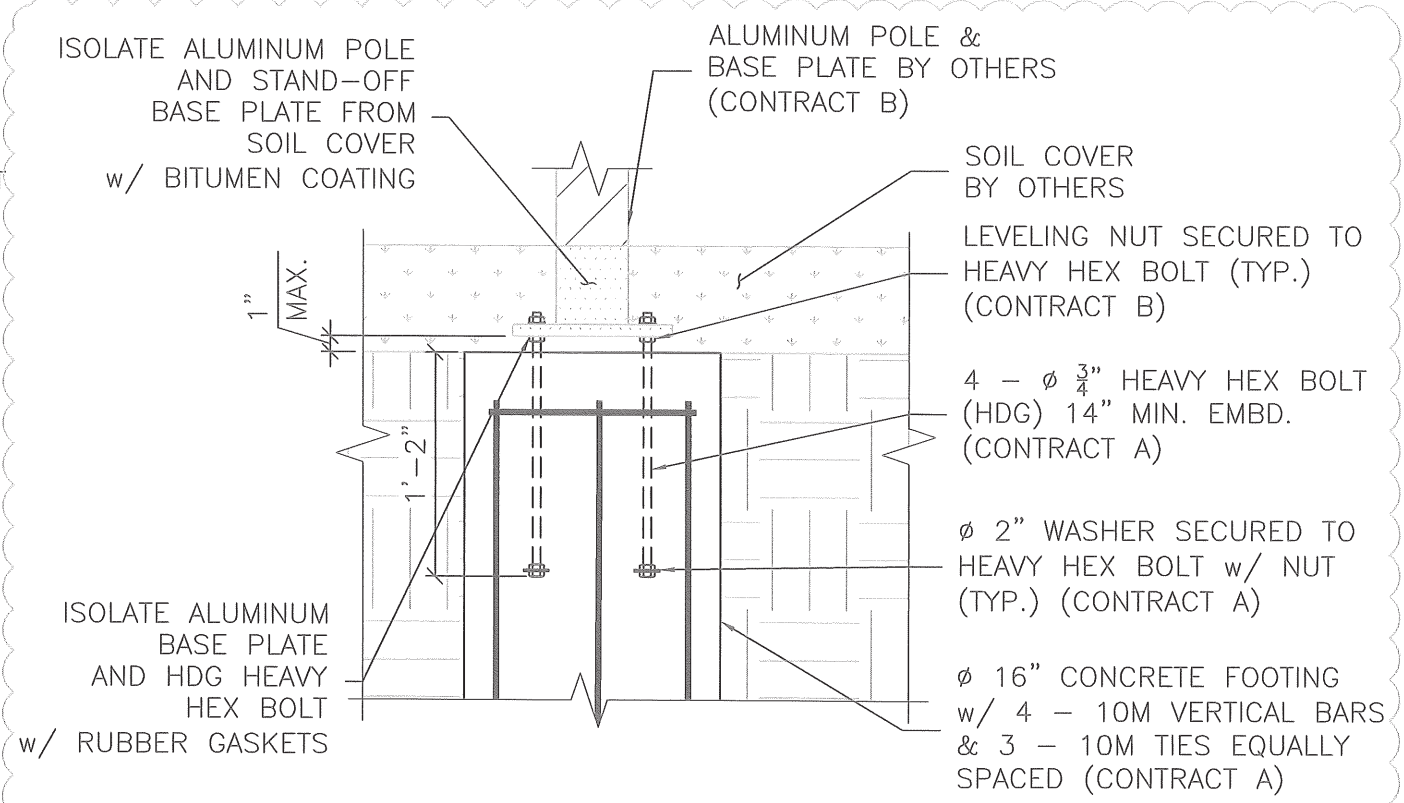
designed	J.I.B.	reviewed	J.S.
drawn	J.I.B.	approved	D.W.
date	April 29, 2016		
project number	3505	drawing number	SC-1



1 SIGN 4 FOOTING (OPTION 2)
 SC-2 3/8"=1'-0" ELEVATION



2 BASE PLATE PLAN
 SC-2 1-1/2"=1'-0" DETAIL



3 BASE PLATE CONNECTION
 SC-2 1"=1'-0" DETAIL

client

VISOU DESIGN



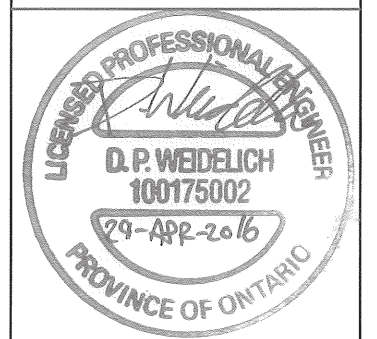
scale VARIES

revisions	date
1. REVISED	29-04-16
0. FOR CLIENT'S REVIEW	27-04-16

A	A detail no. no. de détail
B	B location drawing no. sur dessin no.

project
ANISHINAABE SIGN FOOTING & ANCHORAGE
 PARC DES PLAINES LEBRETON:
 CÔTÉ EST OTTAWA, ON

drawing
SIGN 4: ELEVATION & BASE PLATE



designed	J.I.B.	reviewed	J.S.
drawn	J.I.B.	approved	D.W.
date	April 29, 2016		
project number	3505	drawing number	SC-2