












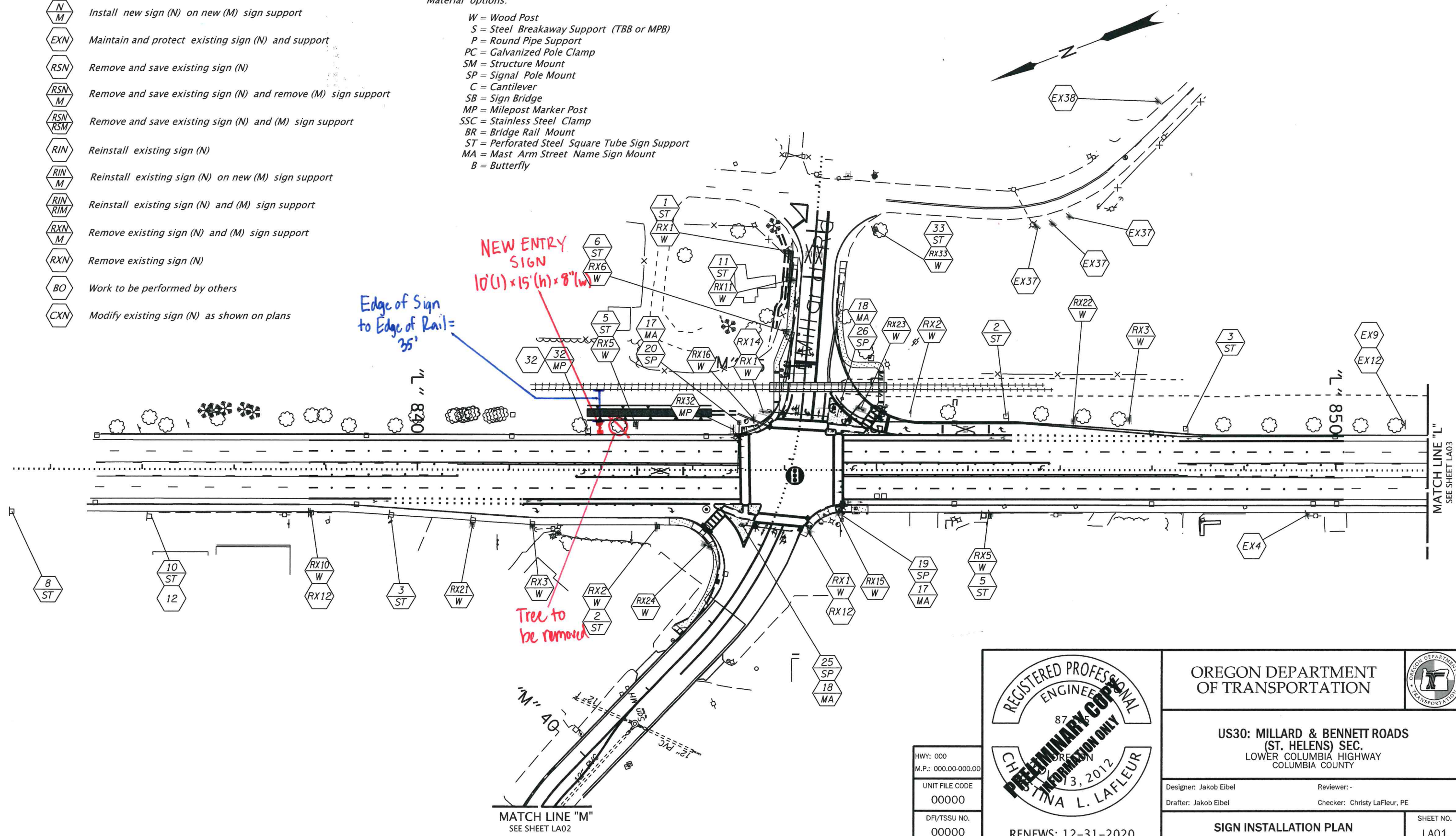


LEGEND

-  Install new sign (N)
-  Install new sign (N) on new (M) sign support
-  Maintain and protect existing sign (N) and support
-  Remove and save existing sign (N)
-  Remove and save existing sign (N) and remove (M) sign support
-  Remove and save existing sign (N) and (M) sign support
-  Reinstall existing sign (N)
-  Reinstall existing sign (N) on new (M) sign support
-  Reinstall existing sign (N) and (M) sign support
-  Remove existing sign (N) and (M) sign support
-  Remove existing sign (N)
-  Work to be performed by others
-  Modify existing sign (N) as shown on plans


- N = Sign Number
 M = Material
 Material options:
 W = Wood Post
 S = Steel Breakaway Support (TBB or MPB)
 P = Round Pipe Support
 PC = Galvanized Pole Clamp
 SM = Structure Mount
 SP = Signal Pole Mount
 C = Cantilever
 SB = Sign Bridge
 MP = Milepost Marker Post
 SSC = Stainless Steel Clamp
 BR = Bridge Rail Mount
 ST = Perforated Steel Square Tube Sign Support
 MA = Mast Arm Street Name Sign Mount
 B = Butterfly



HWY: 000
M.P.: 000.00-000.00
UNIT FILE CODE 00000
DFI/TSSU NO. 00000

RENEWS: 12-31-2020

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

 OREGON DEPARTMENT OF TRANSPORTATION	
US30: MILLARD & BENNETT ROADS (ST. HELENS) SEC. LOWER COLUMBIA HIGHWAY COLUMBIA COUNTY	
Designer: Jakob Eibel	Reviewer: -
Drafter: Jakob Eibel	Checker: Christy LaFleur, PE
SIGN INSTALLATION PLAN	
SHEET NO. LA01	

PORTLAND
 9160 SE 74th Ave
 Portland OR 97206
 503-777-4555
 ramsaysigns.com

~ WELCOME TO ~
ST. HELENS
 ESTABLISHED IN 1850

CLIENT:
 City of St. Helens - Welcome Sign
 St. Helens, OR

PRE-PRODUCTION

ACCOUNT EXECUTIVE:
 Darin Hauer
 DESIGNER:
 Rick Rule
 DATE:
 06.30.2020



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L73 Grounding and Bonding Statement for each permanently connected sign the following statement or equivalent "This sign is intended to be installed in the accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign" should be either directly marked on the sign or label attached to the sign, included in the installation instructions, or provided on a separate sheet or tag shipped with the sign. The location of the disconnect switch after installation shall comply with Article 600.6 (A) (1) of the National Electrical code.

APPROVAL:
 ACCOUNT EXECUTIVE

CLIENT

LANDLORD

DESIGN NUMBER:
20-879

JOB ORDER NUMBER:
X

FABRICATION SPECIFICATIONS

1	CABINET	CONSTRUCTION	FABRICATED ALUMINUM
		TYPE	S/F ILLUMINATED
		ILLUMINATION	WHITE LED
		PAINT COLOR	PER COLOR KEY (P1)
		RETAINER SIZE	2"
2	DISPLAY FACE	CONSTRUCTION	1/8" ALUMINUM
		PAINT COLOR	PER COLOR KEY (P2)
3	COPY	TYPE	BACK-LIT / ROUT-OUT PUSH THRU
		MATERIAL	1/2" CLEAR ACRYLIC
		VINYL COLOR	PER COLOR KEY (V1)
		BACK LIGHTING	WHITE LED ILLUMINATION
		DIFFUSOR LAYER	2nd SURFACE
4	DECOR. BAND	MATERIAL	1/4" PLATE STEEL WELDED
		PAINT COLOR	PER COLOR KEY (P3)
5	DECOR. BRACKET	MATERIAL	1/4" PLATE STEEL WELDED
		PAINT COLOR	PER COLOR KEY (P3)
6	POST & CROSS SUPPORT	MATERIAL	STEEL SQ. TUBE
		SIZE	6" x 6"
		PAINT COLOR	PER COLOR KEY (P1)
7	FCO DISKS	MATERIAL	1/8" ALUMINUM
		VINYL COLOR	PER COLOR KEY (V2)
		QUANTITY	THREE (3)
		INSTALL	FLUSH TO CROSS SUPPORT WITH NO VISIBLE FASTENERS

GENERAL NOTES

X

REVISIONS

1) X	
2)	
3)	
4)	

COLOR KEY

P1	PAINT	PAINT TO MATCH BROWN PANTONE 168 C - SATIN
P2	PAINT	PAINT TO MATCH BLUE PANTONE 2222 C - SATIN
P3	PAINT	PAINT TO MATCH GOLD PANTONE 1375 C - SATIN
V1	VINYL	3M 230-10 WHITE
V2	VINYL	DIGITALLY PRINTED ON WHITE REFLECTIVE MEDIA

NOTE: THE COLORS DEPICTED ON THIS RENDERING REPRESENT COLOR INTENT ONLY AND MAY NOT MATCH ACTUAL COLORS ON FINISHED PRODUCT. PLEASE REFER TO COLOR CALL-OUTS AND SPECIFIED VENDOR SAMPLES FOR APPROVED COLOR SPECIFICATIONS.



A S/F INTERNALLY ILLUMINATED SIGN DISPLAY
 QUANTITY: 1 MANUFACTURE & INSTALL

SCALE: 3/8" = 1'-0"

PORTLAND

9160 SE 74th Ave
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City of St. Helens - Welcome Sign
St. Helens, OR

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ACCOUNT EXECUTIVE:
Darin Hauer
DESIGNER:
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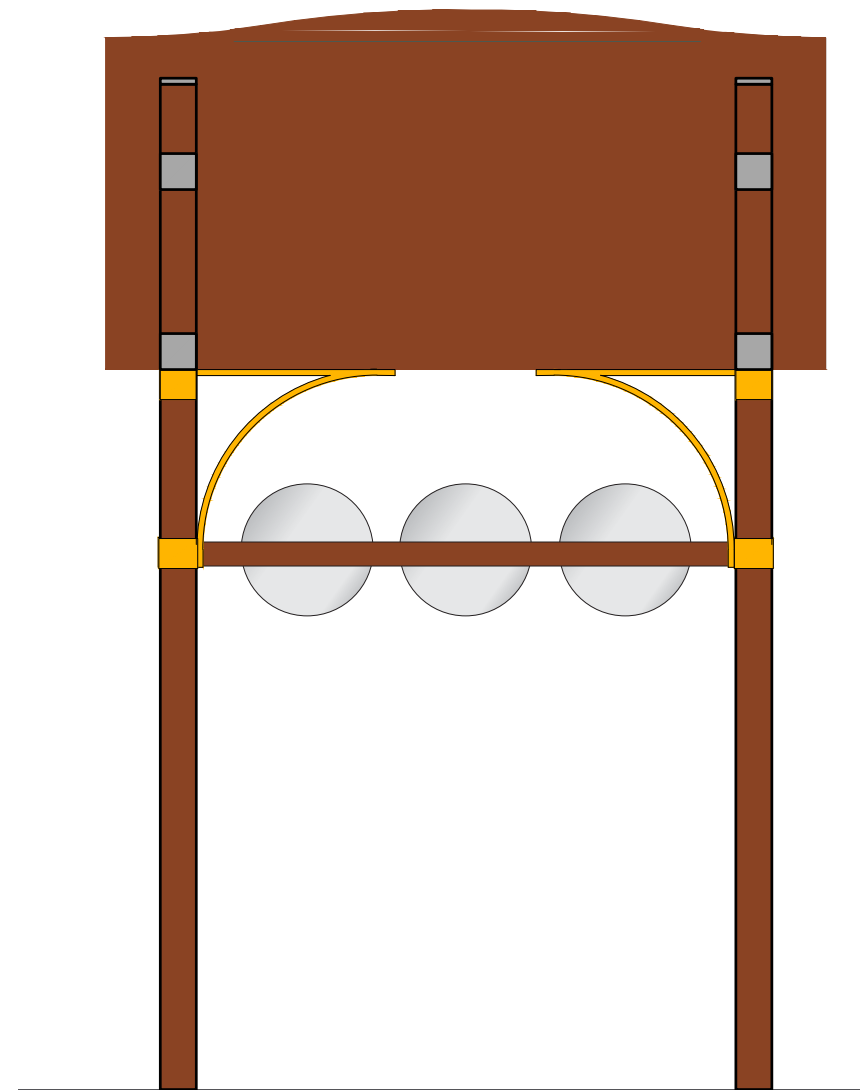
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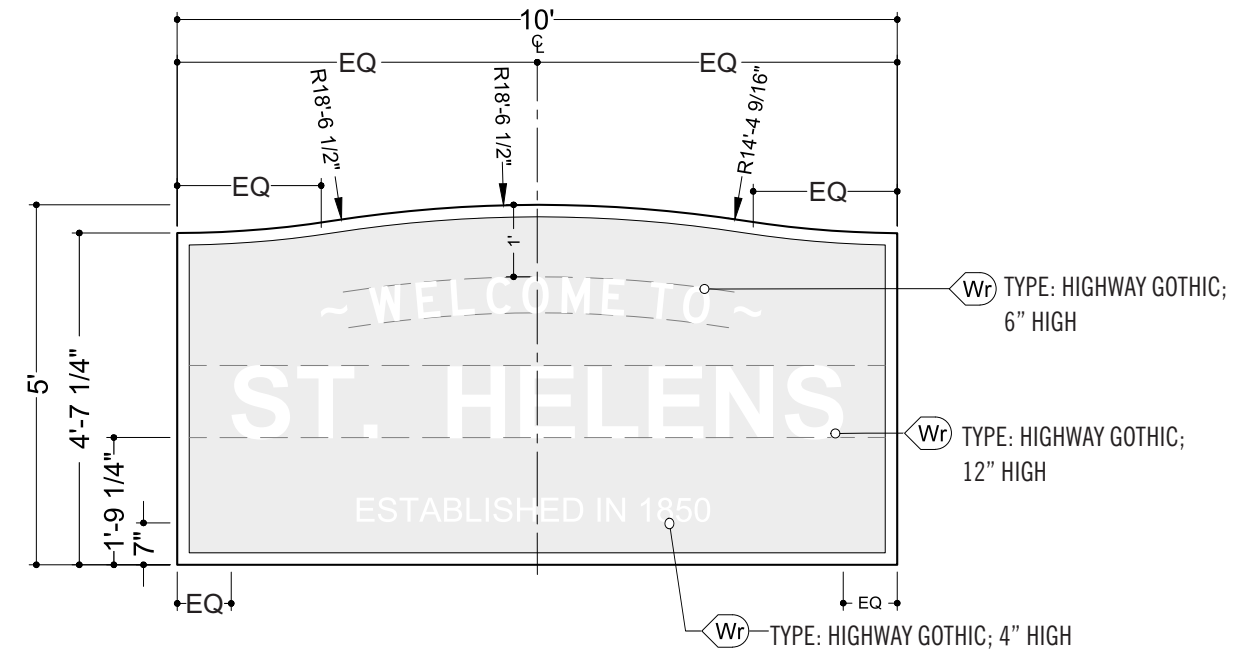
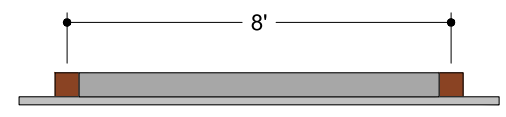


FINISHED BACKSIDE VIEW

EXTERIOR - SIGN DISPLAY

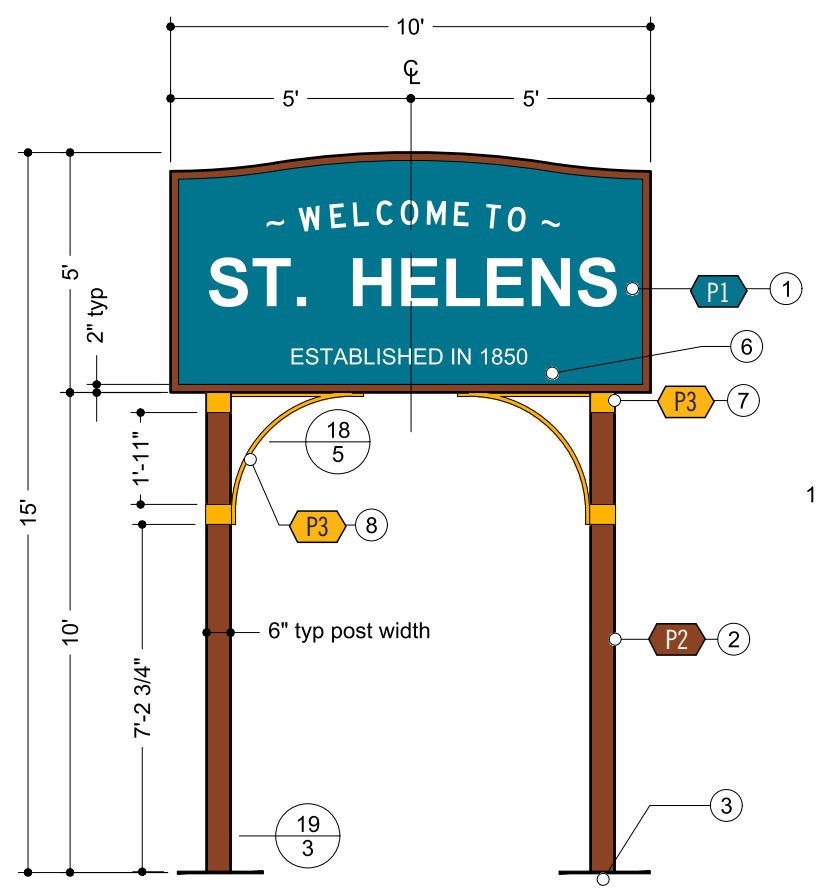
4 PLAN VIEW

Scale: 1/4" = 1' - 0"



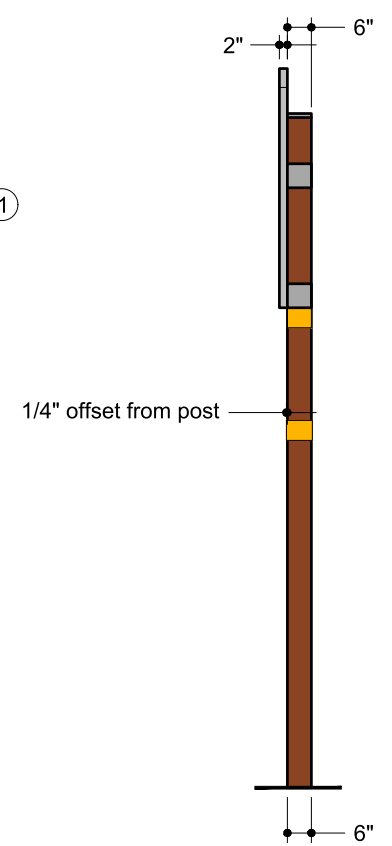
5 TYPICAL SIGN DETAIL

Scale: 3/8" = 1' - 0"



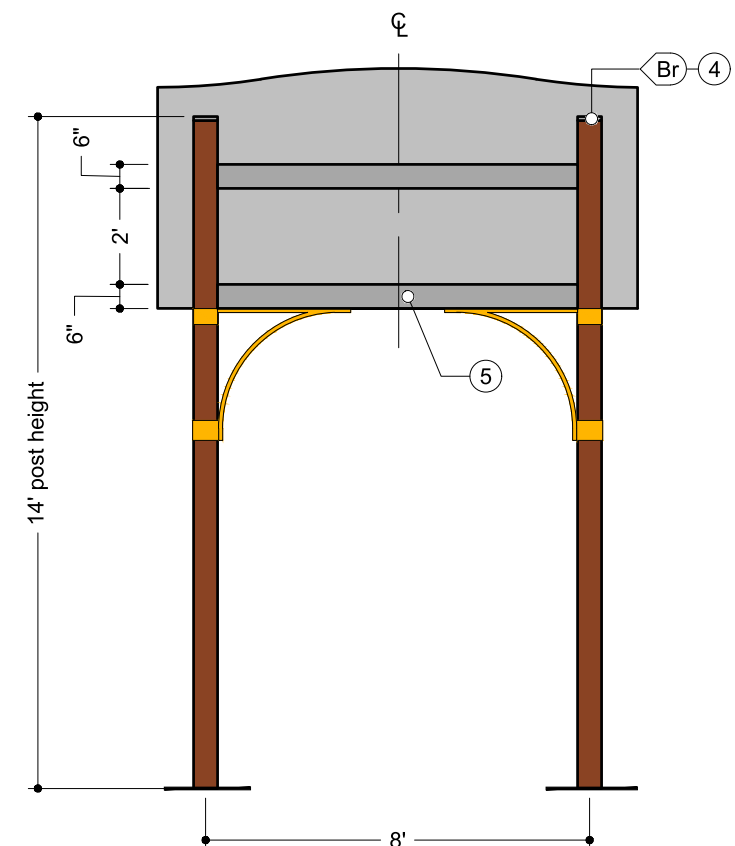
1 FRONT ELEVATION

Scale: 1/4" = 1' - 0"



2 RIGHT SIDE ELEVATION

Scale: 1/4" = 1' - 0"



3 RIGHT SIDE ELEVATION

Scale: 1/4" = 1' - 0"

B CITY ENTRANCE SIGN - TYPICAL

Manufacture and install three (3) S/F non-illuminated sign displays.

- 1 SIGN PANEL**
 MATERIAL: 2" thick aluminum. Paint per color chart.
 FABRICATION PROCESS: router cut
 EDGES: Routed finished smooth
 GRAPHIC/ TEXT: High performance reflective vinyl.
 COATING: UV protection
 FASTENERS: mechanically fastened
- 2 POST**
 MATERIAL: (2) 6"x 6" square steel tube fabricated to engineer wall thickness. Powder coat paint to match brown PMS 168C
- 3 FOOTING**
 MANUFACTURER: ODOT square tube sign support with triangle base breakaway: DET4241
- 4 POST CAP**
 MATERIAL: 1/4" steel plate
 FABRICATION PROCESS: Welded
- 5 SUPPORT BEAMS**
 MATERIAL: (2) 6"x 6" steel tube, welded to posts
- 6 BOLTS**
 (6) Tamper-proof thru-bolts, lock washers and nuts. Fabricator to determine size.
 MATERIAL: Stainless Steel
- 7 DECORATIVE BRACKET**
 MATERIAL: Steel
 FABRICATION PROCESS: Welded
- 8 DECORATIVE BAND**
 MATERIAL: 1/4" Steel plate
 FABRICATION PROCESS: Welded

- White 280-10 Reflective Film
- Blue Pantone 2222 C
- Brown Pantone 168 C
- Gold Pantone 1375 C



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Client:
 City of St. Helens - Entrance Sign
 St. Helens, OR

Date:
 06.02.19
 Project Manager:
 Darin Hauer
 Designer:
 Rick Rule

Client Approval + Date

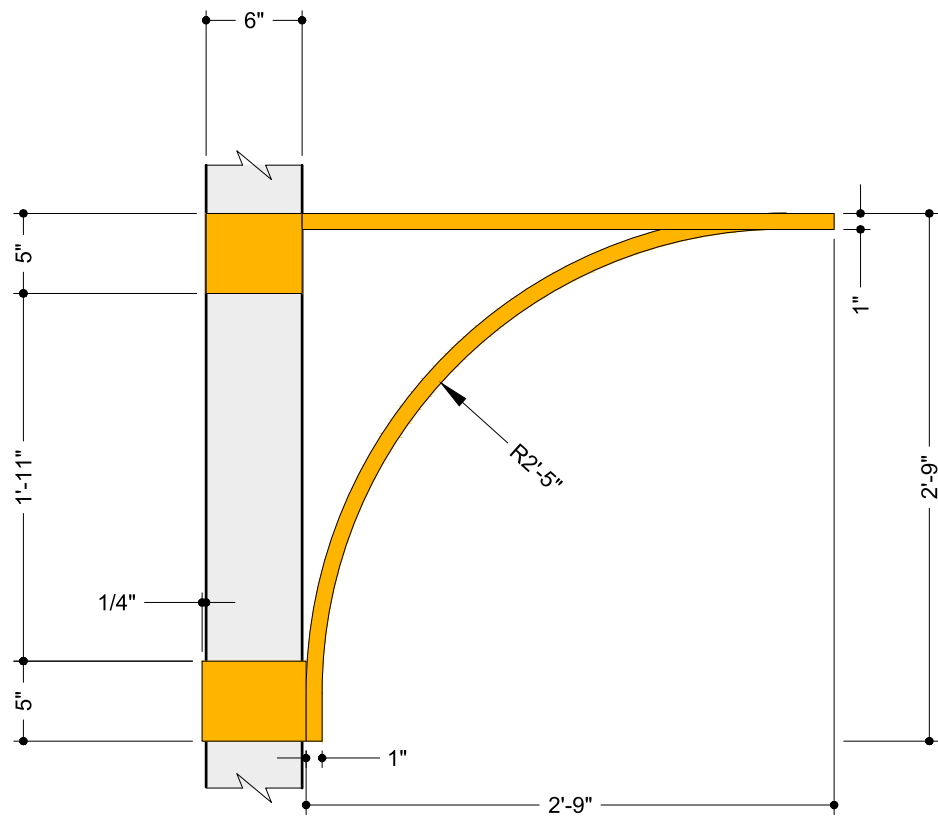
 Landlord Approval + Date

Revisions:
 R1) _____

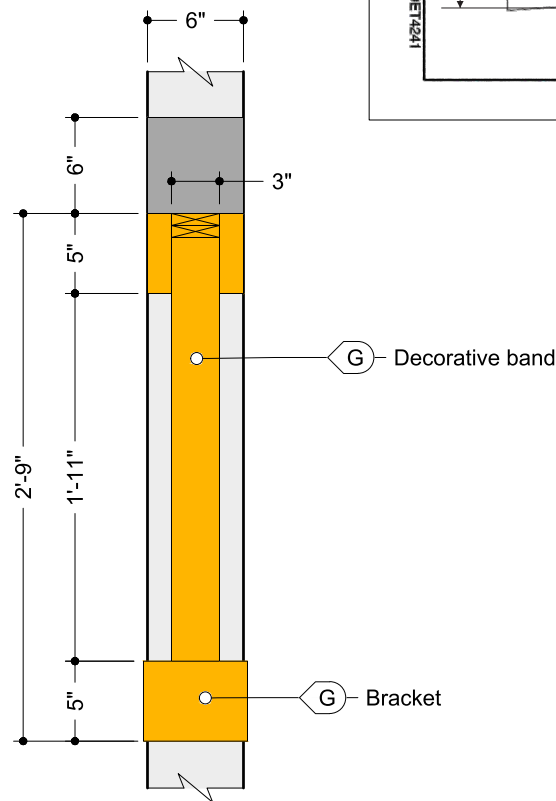


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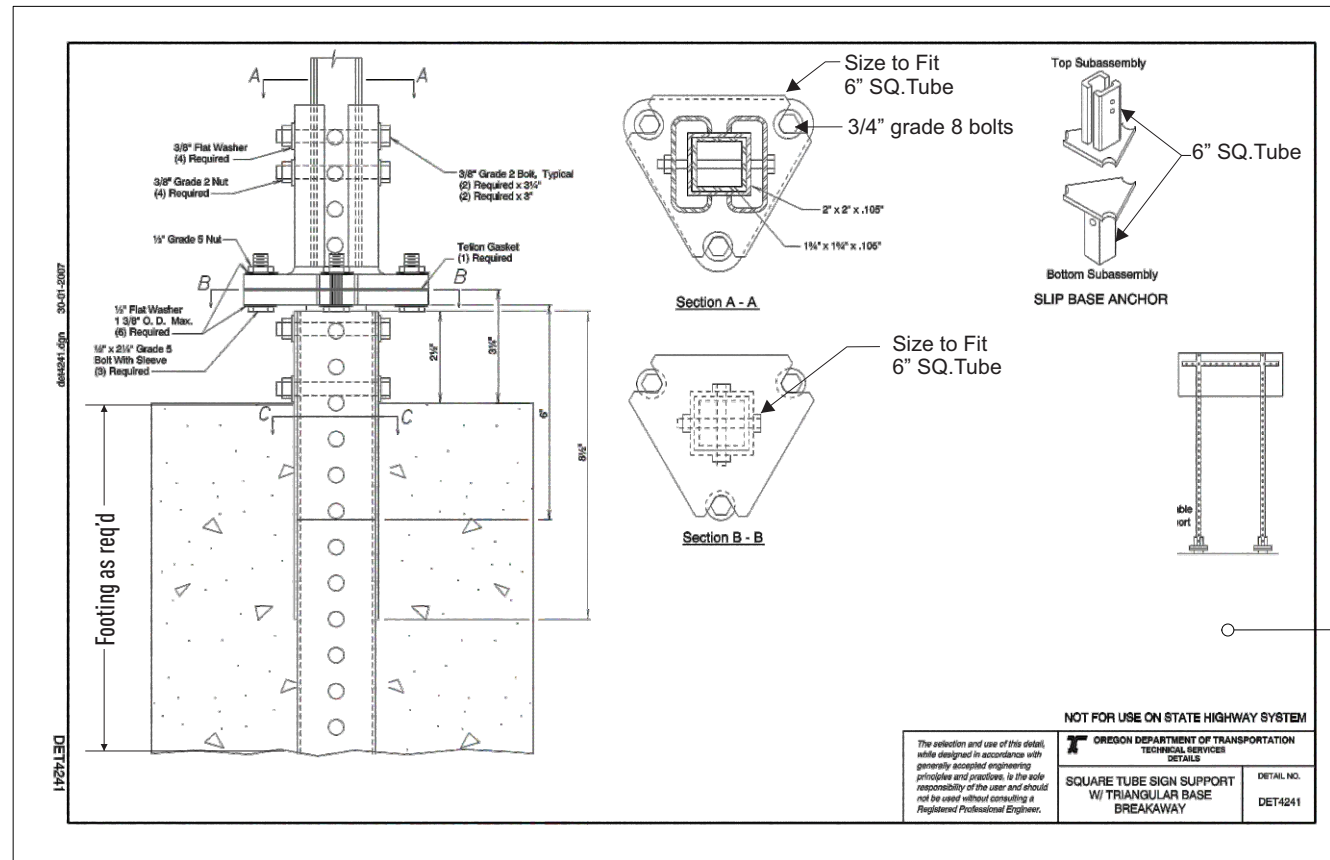


1 BRACKET DETAIL
Scale: 1" = 1' - 0"



2 BRACKET AND BAND ELEVATION
Scale: 1" = 1' - 0"

Footing Detail
3.5' Length
3.5' Width
4' Depth



3 ODOT Triangle Breakaway Base Detail
No Scale

ODOT base detail;
Sign base to be sized
appropriately for post size



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Date:
06.02.19
Project Manager:
Darin Hauer
Designer:
Rick Rule

Client Approval + Date

Landlord Approval + Date

Revisions:
R1) _____



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