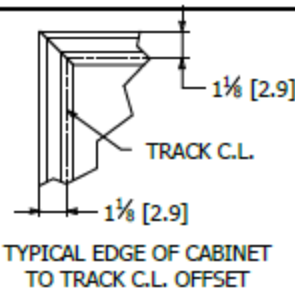


EXTRUDED REAR TRACK DETAILS



NOTES:
1. ELEVATION DIMENSIONS ARE TO CENTER LINE OF TRACK.

Customer	Jobsite
868200 - Esco Pacific Signs 627 Nw Middle St Chehalis, WA 98532-1714	South Hill Mall-Replacement- 3500 S. Meridian Street Puyallup, WA 98373

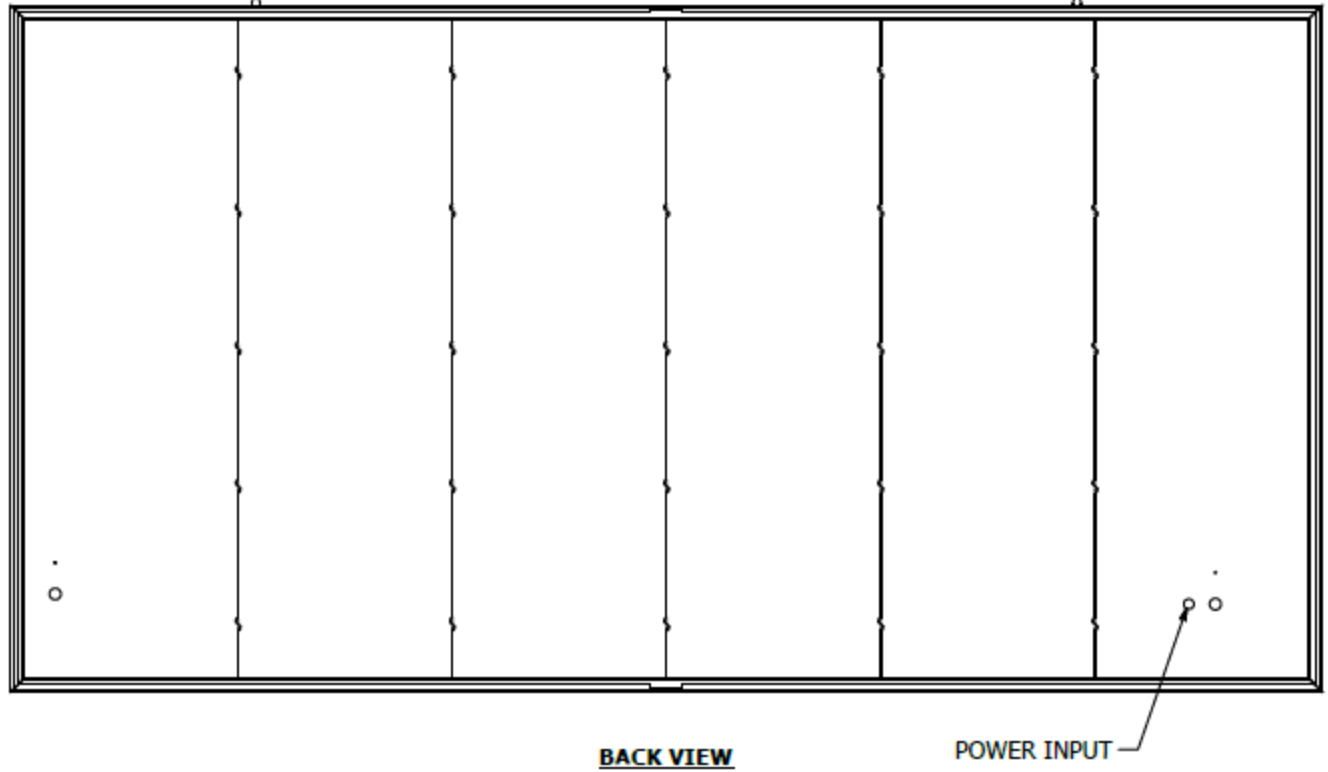
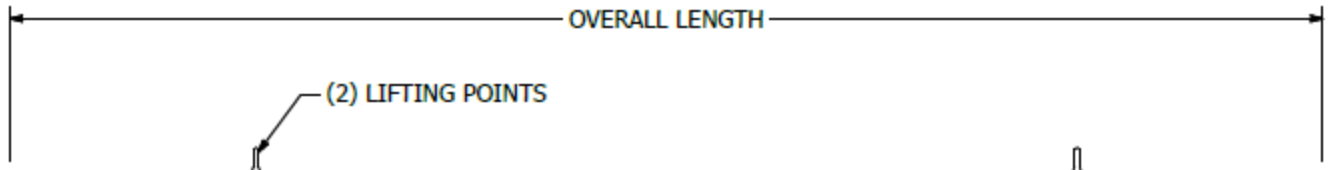
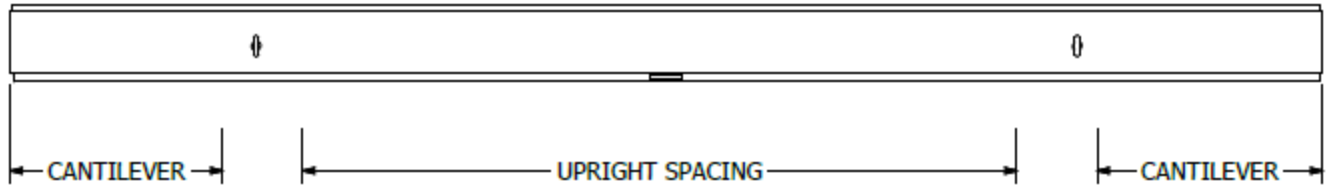
Customer	Jobsite
868200 - Esco Pacific Signs 627 Nw Middle St Chehalis, WA 98532-1714	South Hill Mall-Replacement- 3500 S. Meridian Street Puyallup, WA 98373

Cabinet Specifications	
Quote #	2400703.2
Sign ID	1880673
Model / Matrix	W10 / 210 x 420
Faces	2
Sign Dimensions (Imperial)	7ft 5in x 14ft 3in x 8in
Access Type	Front Service
Overall Height	89.00 [226.1]
Overall Width	171.00 [434.3]
Viewing Height	84.00 [213.4]
Viewing Width	168.00 [426.7]
Weight	951 lbs.
Weight w/Hardware	1057 lbs.
Electrical (per Face)	
Voltage	240
Total Amps	34.0
Killowatt Hr/Day	42.3 KWHrs
Bottom Left Disconnect	34.0
Mounting Locations	
Mounting Type / Qty	Not Requested / 0
Dimension "A"	86.75 [220.3]
Wind Load Requirements	
Vertical Attachment Points / Uprights (Min)	0 / 2
Spacing (Max)	115.20 [292.6]
Cantilever (Max)	57.60 [146.3]
Spacing (Optimal)	85.50 [217.2]
Cantilever (Optimal)	42.75 [108.6]
Notes	
Generated 4/10/2024 1:17:28 PM	

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.
<https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections>
 or call for Licensing Information: 1-800-647-0982

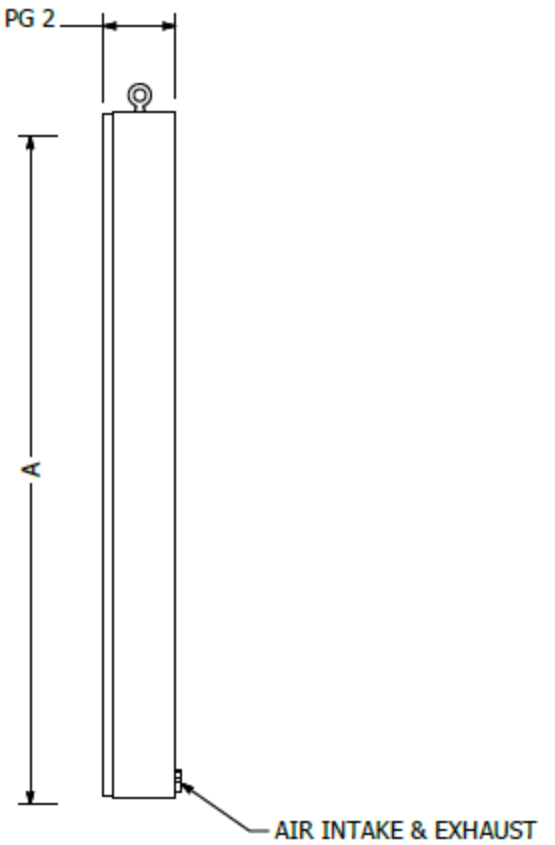
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

IMAGES FOR EXAMPLE ONLY – SEE TABLE FOR ACTUAL QTYS



BACK VIEW

SEE DETAIL ON PG 2



PRSG20240614

watchfire

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DIMENSION STYLE	TOLERANCES
INCHES [CENTIMETERS]	OVERALL SIGN DIMENSION..... ± 1/4" LINEAR DIMENSION..... ± 1/16" ANGULAR DIMENSION..... ± 1° STRAIGHTNESS..... ± .020"/ft. OVERALL DIAGONAL TOLERANCE ± 1/8"
ALL DIMENSIONS ARE U.S. IMPERIAL UNITS UNLESS OTHERWISE SPECIFIED. STANDARD TOLERANCES APPLY TO ALL DIMS UNLESS OTHERWISE SPECIFIED. TOLERANCES DO NOT APPLY TO REFERENCE DIMS (XXX.XXX)	

THIS DRAWING IS FOR THE PURPOSE OF PROVIDING DIMENSIONS ONLY ON WATCHFIRE PRODUCTS. ALL ELEMENTS OF THE SIGN STRUCTURE WILL BE PROVIDED BY OTHERS AND WATCHFIRE MAKES NO GUARANTEES ABOUT THE SUITABILITY OF THE STRUCTURE FOR THE SITE. ANY INFORMATION PROVIDED RELATING TO THE SIGN STRUCTURE IS FOR ILLUSTRATIVE PURPOSES ONLY.

MODEL REV	DRAWG REV	THIRD ANGLE PROJECTION	DESCRIPTION
1	0		1 High - 1 Wide - Tall FV (Eyebolts) Template
SHEET 1 OF 2		DATE CREATED 8/24/2020	DRAWN BY T. Prather
		PART NUMBER 1 High - 1 Wide - Tall FV (Eyebolts)	
VAULT LOCATION: Designs\9 Users\Brent\Install Drawing Template\1 High - 1 Wide - Tall FV (Eyebolts).ldw			

Watchfire Field Service Technician Responsibilities *(if included with order)*

- Provide technical support related to sign assembly, mounting, and wiring during installation. Technician will explain and offer advice on all aspects of installation.

- Train customers on the use of sign and software.

Sign Installer Responsibilities

- Verify winds are not in excess of 15mph at the time of install.
- Lift sign off the truck utilizing lifting points.
- Assemble the sign if shipped in multiple sections. Signs greater than 48'4" in length are shipped in multiple sections.
- Ensure the sections are never left to free-stand and are always secured by the crane or framing during the installation and stacking process.
- (Optional) Attach Watchfire provided camera to the camera boom. Run the camera cable inside the boom and down the entire length of the boom. Secure the camera boom bracket to the sign corner and then attach the camera boom. Connect the webcam cable to the POW48 inside the sign cabinet.
- Mount the Sign.

Electrician Responsibilities

Pre-install

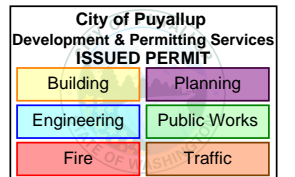
- Install electrical service and meter at jobsite.
- Install main circuit panel.
- Install conduit and wiring from the distribution panel to a junction box at the top of the structure.

Installation Day

- Attach Watchfire provided temperature sensor to the structure. Typically, the sensor will mount easily on the bottom of the catwalk or bottom edge of the sign cabinet. Route the cable through the hole in the bottom of the sign and to the first flare.
- Run power lines to the disconnects on the back of each sign section.
- Verify all local electrical codes are adhered to.
- Verify the correct voltage.
- Turn on power.
- If power is not applied on the day of install, you MUST contact Watchfire support before cycling power for the first time.

Failure to follow recommended installation procedures could result in voided warranty.

MOUNTING



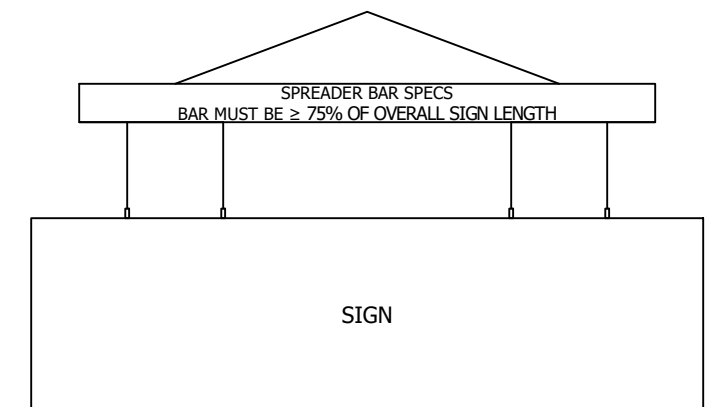
**NO MOUNTING OPTION SELECTED
MOUNTING PROVIDED BY OTHERS**

WIND LOAD

IBC2018 AND ASCE7-16
175 MPH 3 SECOND WIND GUST
EXPOSURE C
RISK CATEGORY II
SIGN HEIGHT ABOVE GRADE = 100 FT MAX

THESE CALCULATIONS ASSUME THE SUPPORTING STRUCTURE (DESIGNED BY OTHERS) ALSO MEETS APPROPRIATE CODES, AND THE USE OF A WATCHFIRE PROVIDED MOUNTING SYSTEM.

LIFTING



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TOLERANCES
OVERALL SIGN DIMENSION..... ± 1/4"
LINEAR DIMENSION..... ± 1/16"
ANGULAR DIMENSION..... ± 1°
STRAIGHTNESS..... ± .020"/ft.
OVERALL DIAGONAL TOLERANCE ± 1/8"

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MODEL REV
1

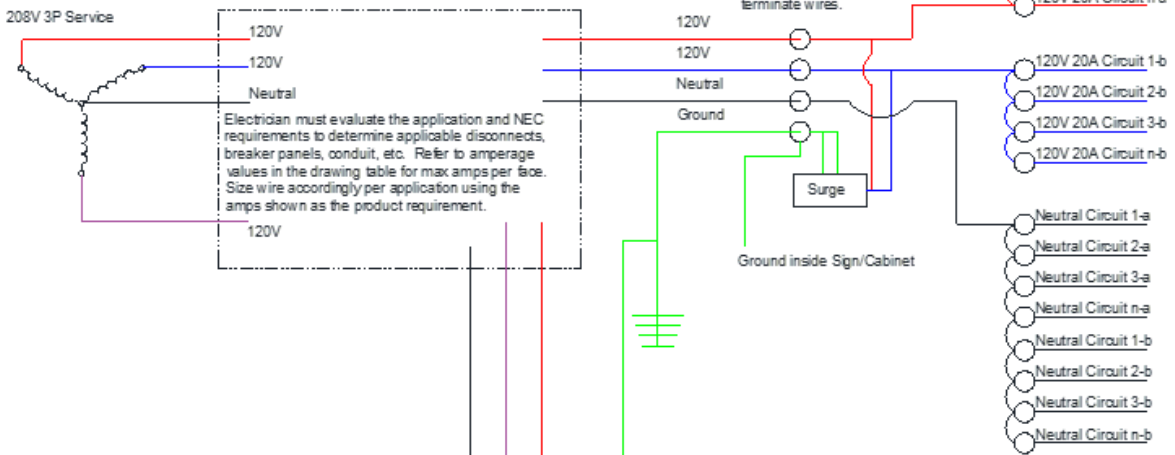
DRAWG REV
0

THIRD ANGLE PROJECTION

SHEET
2 OF **2**

DESCRIPTION
MATERIAL
DATE CREATED
11/10/2020
DRAWN BY
T. Prather
PART NUMBER
VAULT LOCATION: Designs\9 Users\Brent\Install Drawing Template\1 High - 2 Wide - Tall FV - Clamps.idw

Using 208V Service to power 240V Double Face (1 Cabinet per face)



DIN Rail Assembly Inside Sign or Disconnect on the back of the Sign/Cabinet. Electrician must refer to the main drawing on whether a disconnect is provided or if wiring is terminated inside the sign to terminate wires.

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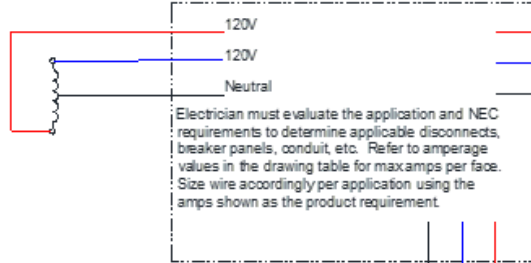
City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

DIN Rail Assembly Inside Sign or Disconnect on the back of the Sign/Cabinet. Electrician must refer to the main drawing on whether a disconnect is provided or if wiring is terminated inside the sign to terminate wires.

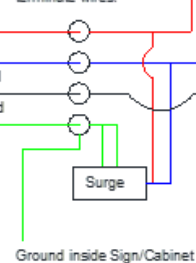
Using 240V Service to power 240V Double Face (1 Cabinet per face)

240V Split Phase Service



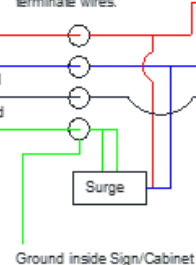
Electrician must evaluate the application and NEC requirements to determine applicable disconnects, breaker panels, conduit, etc. Refer to amperage values in the drawing table for maxamps per face. Size wire accordingly per application using the amps shown as the product requirement.

DIN Rail Assembly Inside Sign or Disconnect on the back of the Sign/Cabinet. Electrician must refer to the main drawing on whether a disconnect is provided or if wiring is terminated inside the sign to terminate wires.



- 120V 20A Circuit 1-a
- 120V 20A Circuit 2-a
- 120V 20A Circuit 3-a
- 120V 20A Circuit n-a
- 120V 20A Circuit 1-b
- 120V 20A Circuit 2-b
- 120V 20A Circuit 3-b
- 120V 20A Circuit n-b
- Neutral Circuit 1-a
- Neutral Circuit 2-a
- Neutral Circuit 3-a
- Neutral Circuit n-a
- Neutral Circuit 1-b
- Neutral Circuit 2-b
- Neutral Circuit 3-b
- Neutral Circuit n-b

DIN Rail Assembly Inside Sign or Disconnect on the back of the Sign/Cabinet. Electrician must refer to the main drawing on whether a disconnect is provided or if wiring is terminated inside the sign to terminate wires.



- 120V 20A Circuit 1-a
- 120V 20A Circuit 2-a
- 120V 20A Circuit 3-a
- 120V 20A Circuit n-a
- 120V 20A Circuit 1-b
- 120V 20A Circuit 2-b
- 120V 20A Circuit 3-b
- 120V 20A Circuit n-b
- Neutral Circuit 1-a
- Neutral Circuit 2-a
- Neutral Circuit 3-a
- Neutral Circuit n-a
- Neutral Circuit 1-b
- Neutral Circuit 2-b
- Neutral Circuit 3-b
- Neutral Circuit n-b

City of Puyallup
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Fire	Traffic