

DESIGN DATA

RISK CATEGORY  
BUILDINGS & STRUCTURES ARE RISK CATEGORY II  
LIVE LOAD  
ROOF LIVE LOAD = 20 PSF  
SNOW  
GROUND SNOW LOAD ( $P_g$ ) = 20 PSF  
FLAT ROOF SNOW ( $P_f$ ) = 25 PSF (MIN PER COUNTY REQUIREMENTS)  
SNOW EXPOSURE FACTOR ( $C_e$ ) = 1.0  
THERMAL FACTOR ( $C_t$ ) = 1.0  
SNOW IMPORTANCE FACTOR ( $I_s$ ) = 1.0 (RISK II)  
MIN ROOF SNOW LOAD = 25 PSF (MIN PER COUNTY REQUIREMENTS)

WIND  
BASIC WIND SPEED ( $V_{ult}$ ) = 110 MPH, EXPOSURE C (RISK II)  
INTERNAL PRESSURE COEFFICIENT ( $C_{pi}$ ) = 0.55

SEISMIC  
SITE SPECIFIC SEISMIC DESIGN CRITERIA  
 $S_{MS}$  = 1.325g  
 $S_M$  = 0.495g  
 $S_{M2}$  = 0.883g  
 $S_{M1}$  = 0.496g  
SDC = D  
SITE CLASS D  
= 1.0 (RISK II)

SEISMIC IMPORTANCE FACTOR ( $I_s$ )  
RESPONSE MODIFICATION FACTOR ( $R$ )  
ORDINARY CONCENTRIC BRACED FRAMES = 3.25  
ORDINARY MOMENT FRAMES = 3.5  
GEOTECHNICAL PARAMETERS: (REFERENCE: GEOTECH CONSULTANTS, INC. REPORT DATED 5/16/2018)  
ALLOWABLE SOIL BEARING PRESSURE = 3,000 PSF  
COEFFICIENT OF FRICTION = 0.50  
PASSIVE EARTH PRESSURE = 350 PCF

PROPERTY INFORMATION

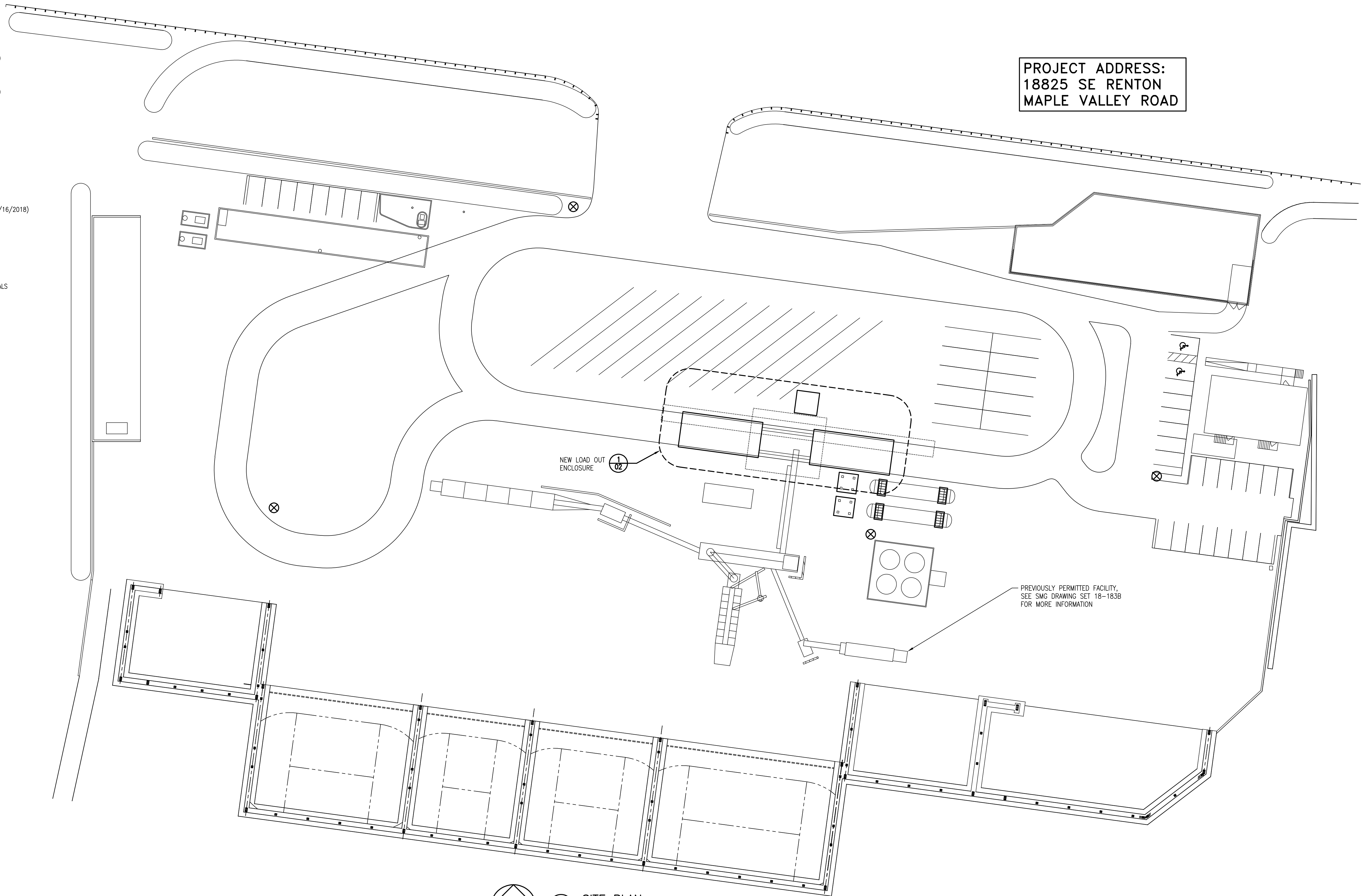
1. PARCEL NUMBER = 192306-9026
2. ZONE = INDUSTRIAL
3. PROPOSED USE = THE BUILDINGS WILL PRIMARILY BE USED TO STORE AGGREGATE AND ALIKE MATERIALS = 25.0 ACRES
4. LOT SIZE = 25%
5. PROPOSED PERCENT LOT COVERAGE = 32.3%
6. PERCENT DEVELOPABLE AREA = 12.6 ACRES
7. PROJECT SITE AREA = 11.9 ACRES
8. EXISTING IMPERVIOUS AREA = 0.29 ACRES
9. NEW IMPERVIOUS AREA = YES
10. DESIGNATED CRITICAL AREA = YES

PROPOSED BUILDING INFORMATION

1. CONSTRUCTION TYPE = IIB
2. OCCUPANCY CATEGORY = S-II (STORAGE)
3. SQUARE FOOTAGE  
BUILDING = ~3000 SQ FT  
ALLOWABLE = 26000 SQ FT
4. BUILDING USE = LOAD OUT ENCLOSURE
5. FIRE SPRINKLERS = NONE

FOR ADDITIONAL NOTES AND SPECIAL INSPECTION REQUIREMENTS SEE  
SMG DRAWING 18-183B-G01

PROJECT ADDRESS:  
18825 SE RENTON  
MAPLE VALLEY ROAD



PREVIOUSLY PERMITTED FACILITY,  
SEE SMG DRAWING SET 18-183B  
FOR MORE INFORMATION

N  
A  
01  
SITE PLAN  
1" = 30'-0"

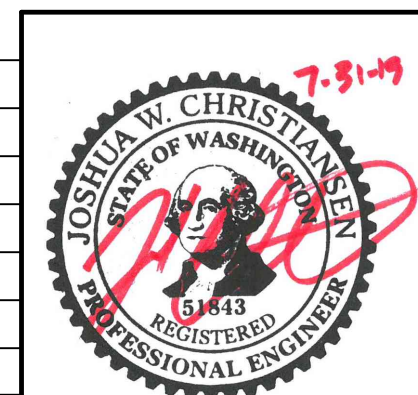
LAKESSIDE INDUSTRIES, INC  
MAPLE VALLEY ASPHALT PLANT – RENTON, WASHINGTON




6600-230TH AVE SE  
ISSAQUAH, WA 98027  
(425) 313-2660

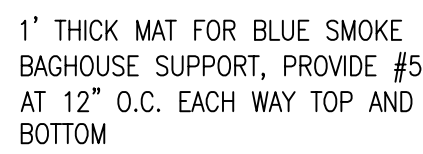
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SYMBOL	REVISIONS	BY	DATE	CHK'D
0	ISSUED FOR PERMIT	JWC	07/31/19	

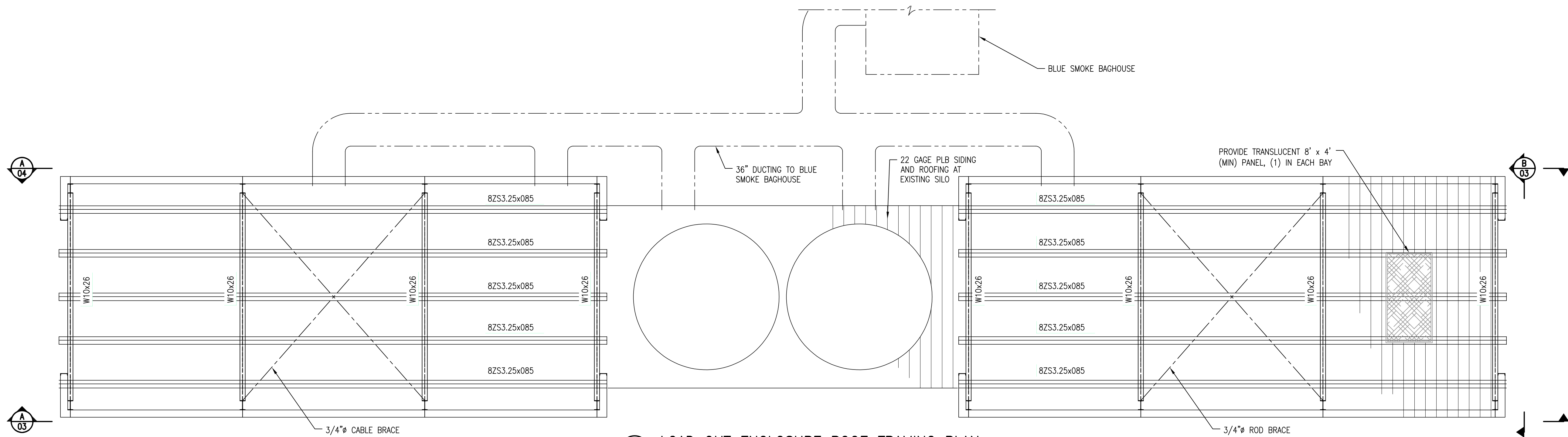


 <b>Smith Monroe Gray</b> ENGINEERS, INC.		8625 SW Cascade Ave. Suite 600 Beaverton, Oregon 97008  Phone: 503.643.8595 Fax: 503.643.8610  www.smgenr.com		<u><b>LAKESSIDE INDUSTRIES</b></u> <u><b>MAPLE VALLEY ASPHALT PLANT</b></u> <b>NEW LOADOUT ENCLOSURE</b> <b>SITE PLAN</b>		
DRAWN BY JWC	DATE 07/29/2019	CHKD BY	DATE	SCALE AS NOTED	DWG. NO. <b>18-183F-01</b>	REV. <b>0</b>

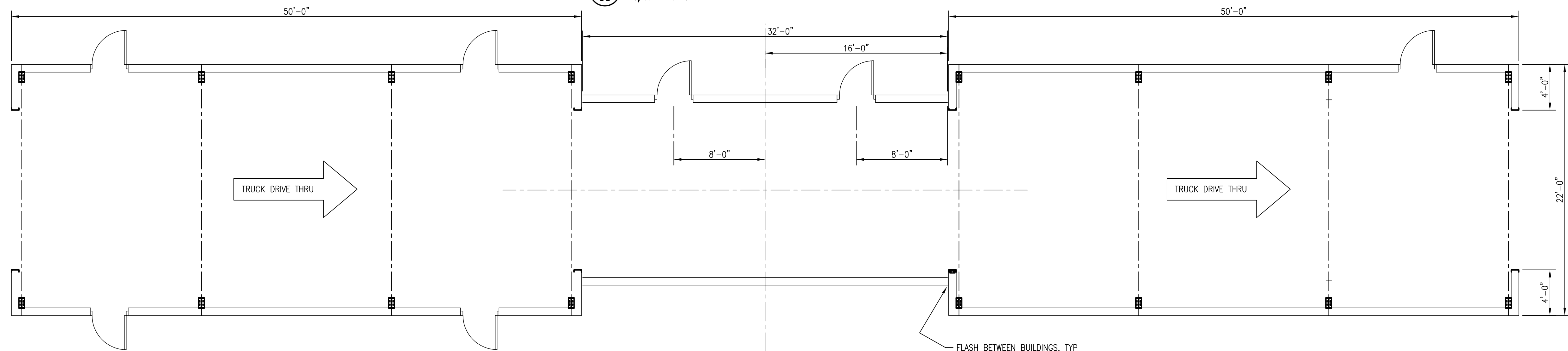




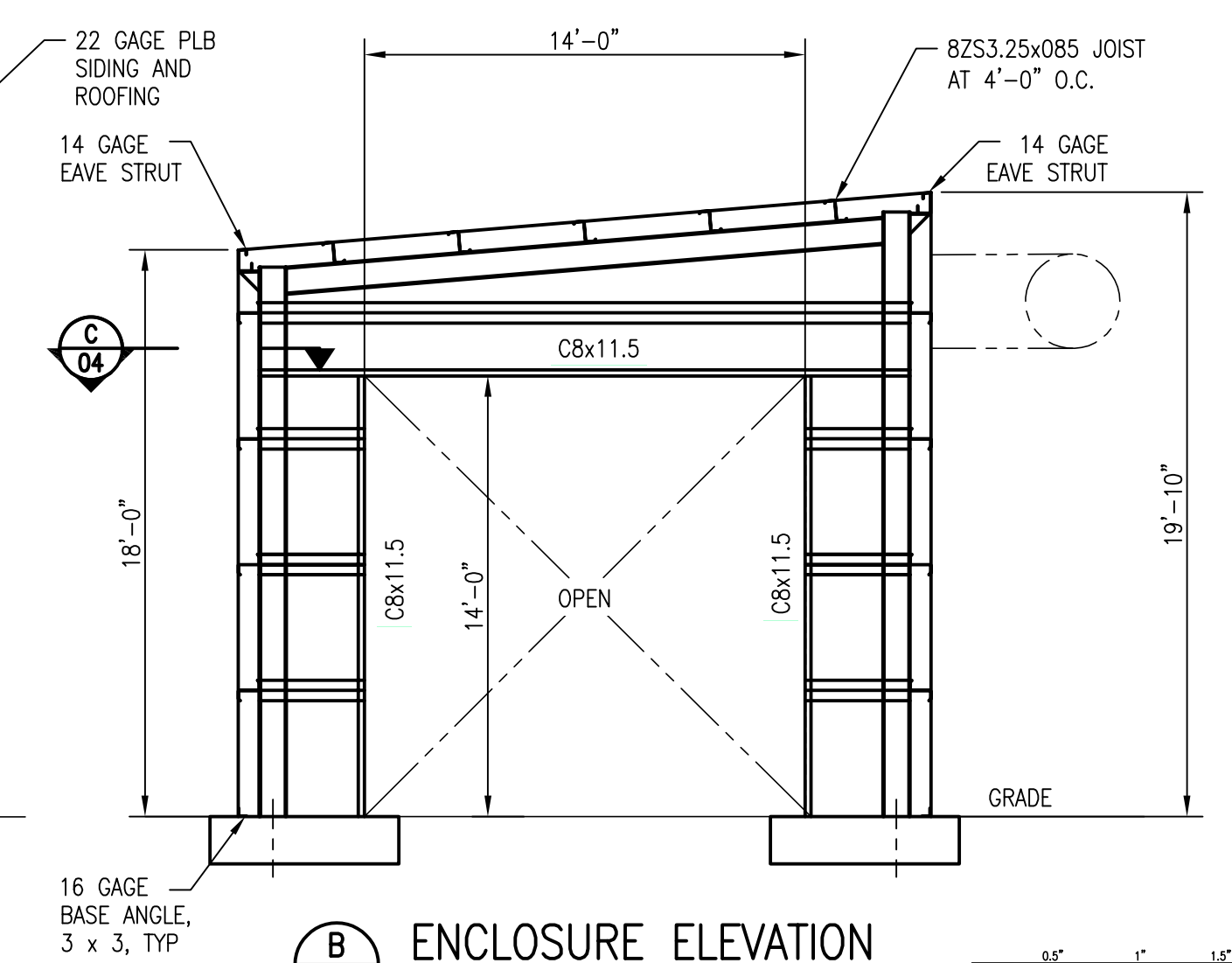
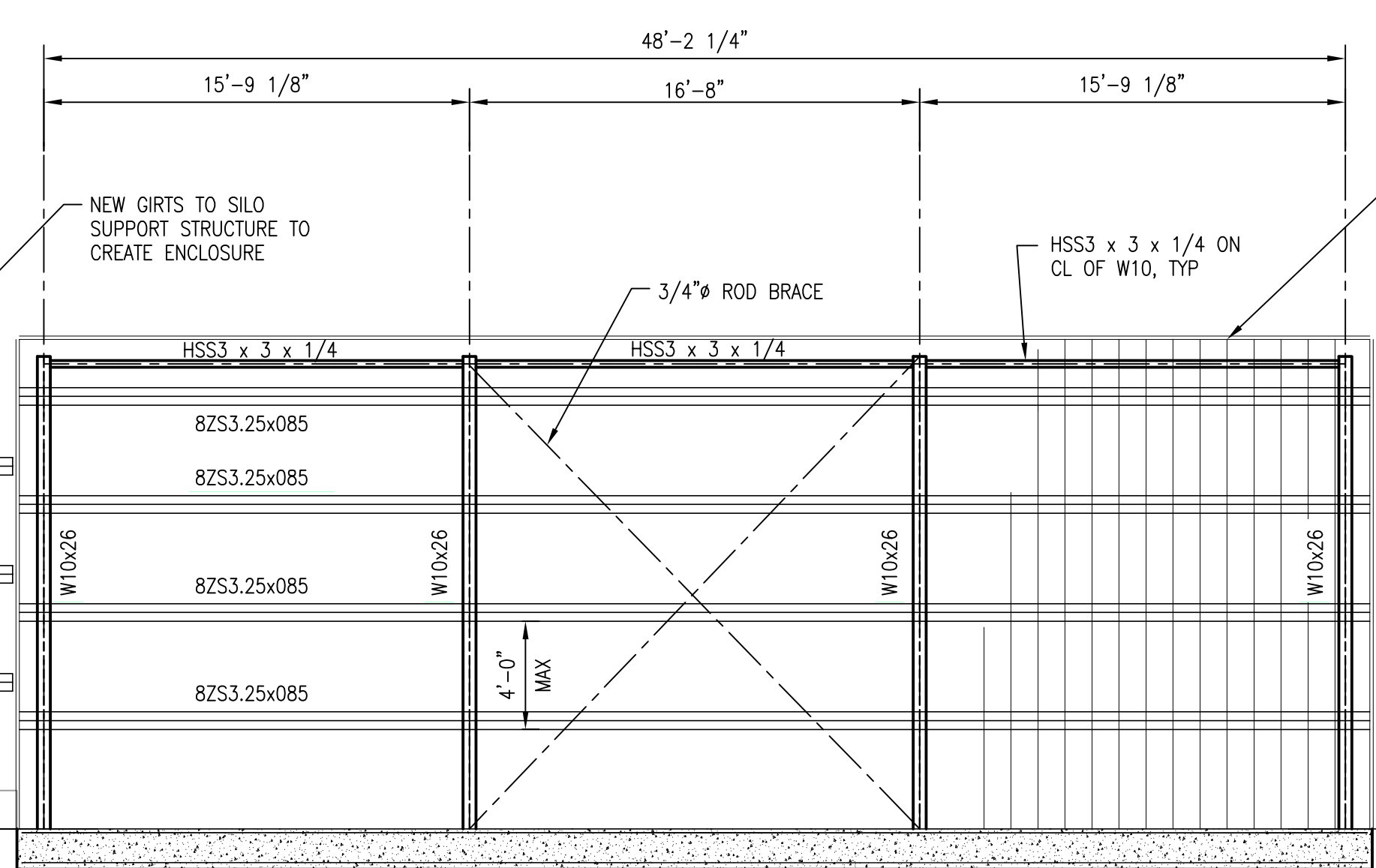
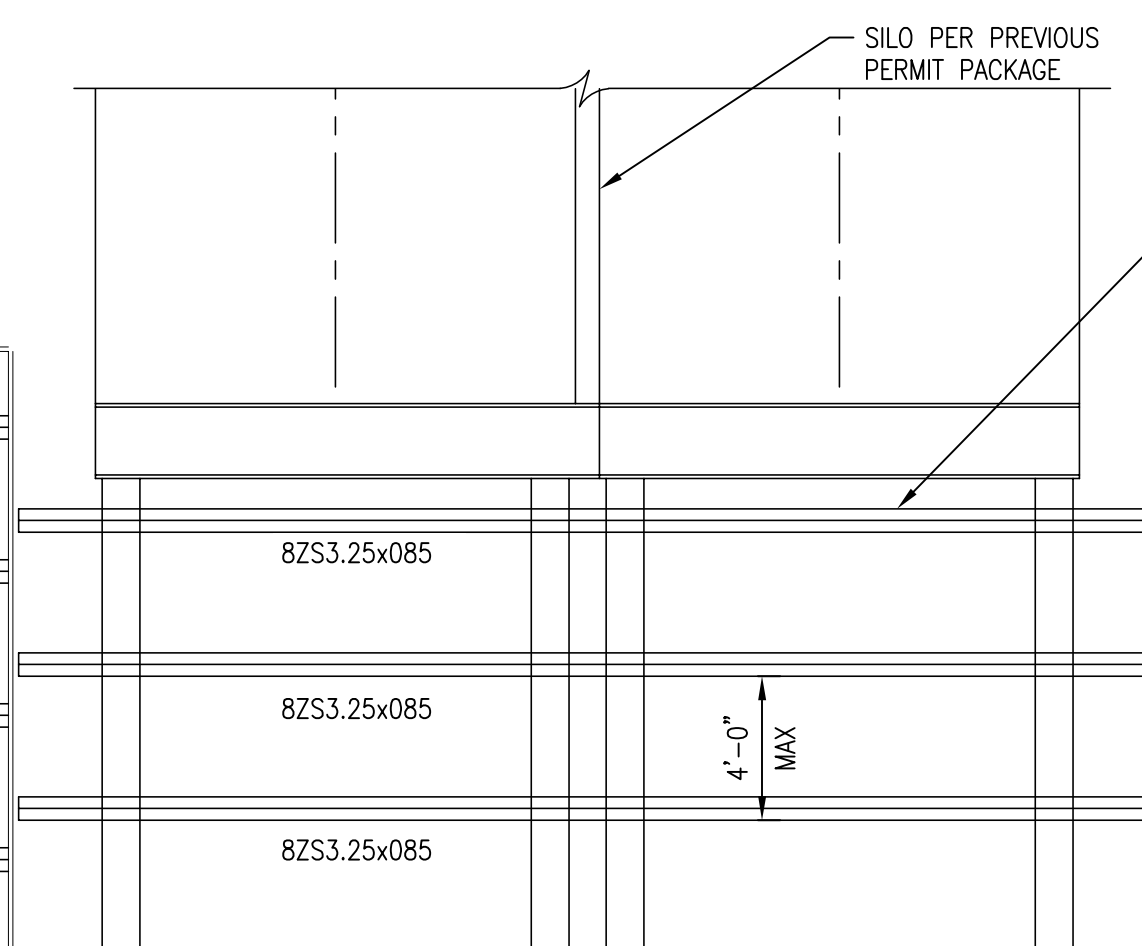
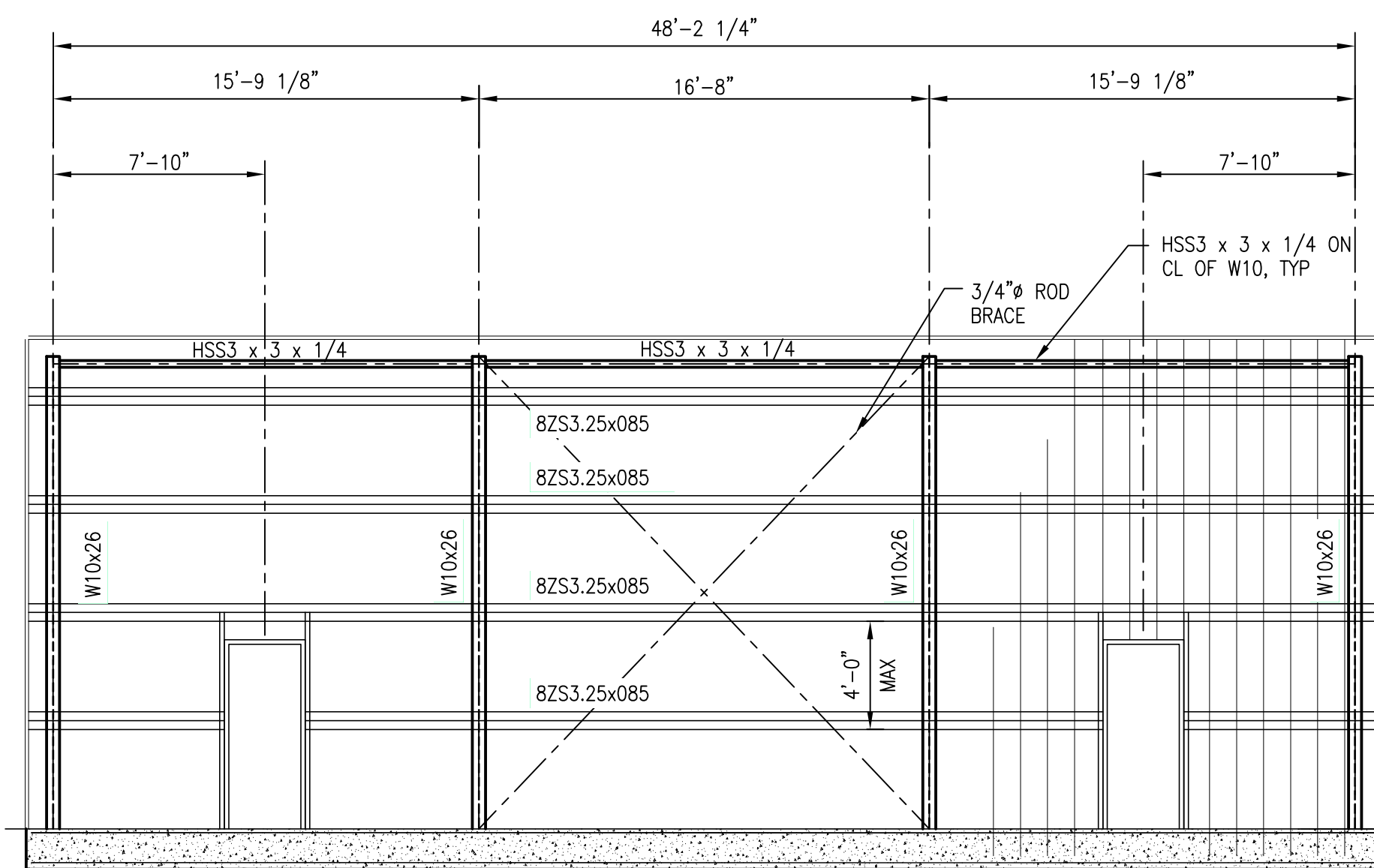
DRAWN BY JWC	DATE 07/29/2019	CHKD BY	DATE	SCALE AS NOTED	DWG. NO. <b>18-183F-02</b>	REV. <b>1</b>
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**1**  
**03** LOAD OUT ENCLOSURE ROOF FRAMING PLAN  
3/16\" = 1'-0"



**2**  
**03** DOOR PLAN  
3/16\" = 1'-0"

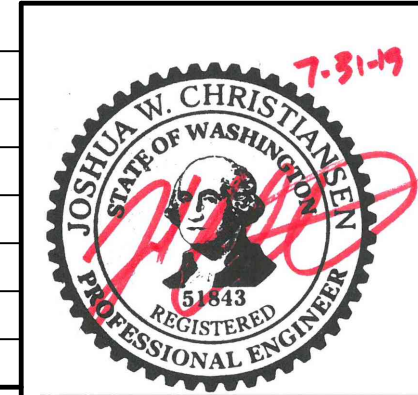


**A**  
**03** ENCLOSURE ELEVATION  
3/16\" = 1'-0"

**B**  
**03** ENCLOSURE ELEVATION  
3/16\" = 1'-0"

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SYN.	ISSUED FOR PERMIT	REVISIONS	BY	DATE	CHK'D
0	ISSUED FOR PERMIT		JWC	07/31/19	



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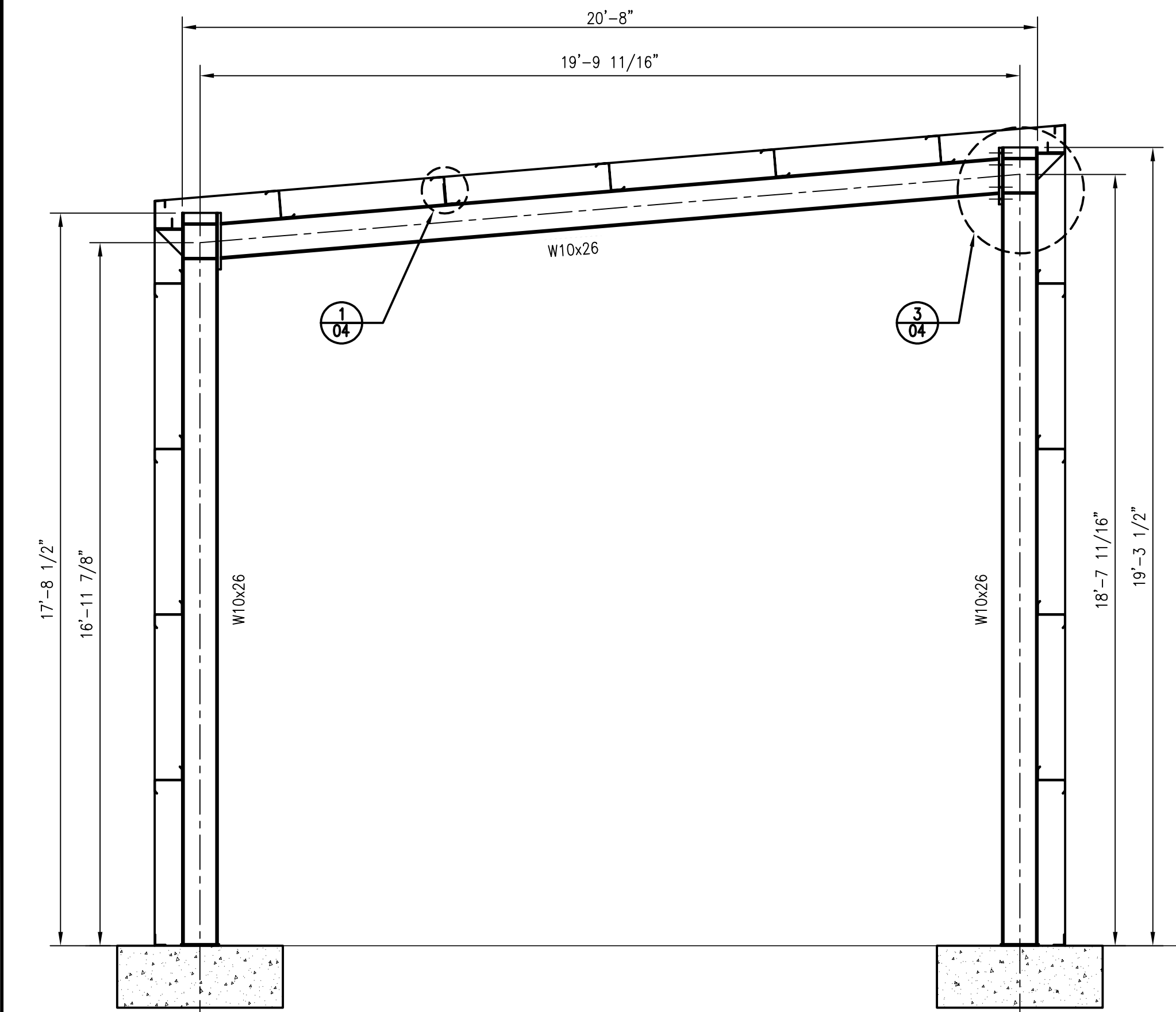
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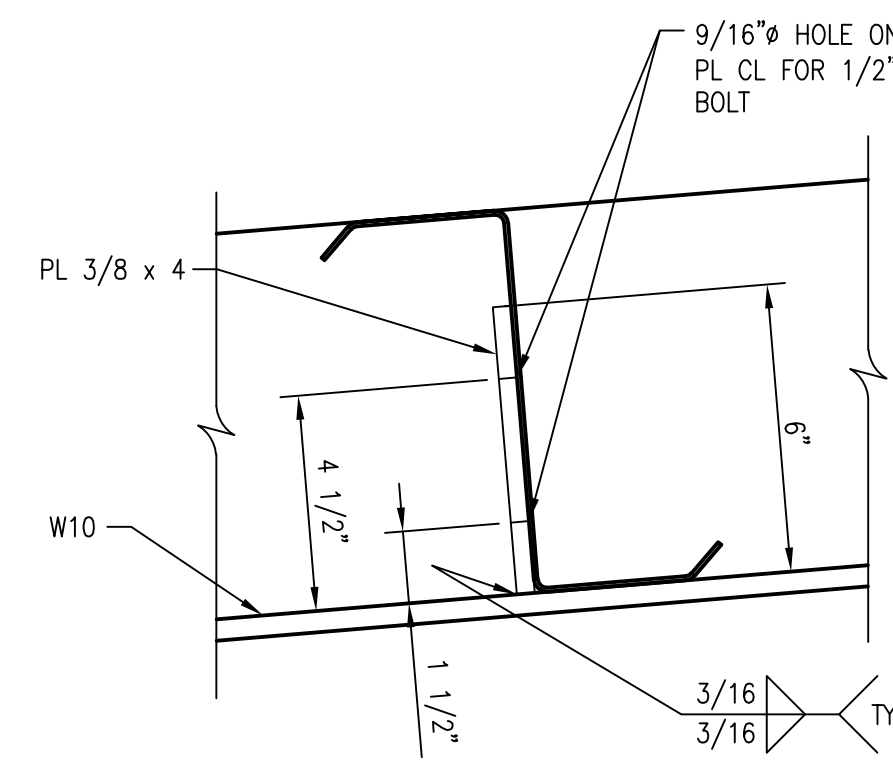
**LAKE SIDE INDUSTRIES**  
**MAPLE VALLEY ASPHALT PLANT**  
**NEW LOADOUT ENCLOSURE**  
**FOUNDATION PLAN**

DRAWN BY JWC	DATE 07/29/2019	CHKD BY	DATE	SCALE AS NOTED	DWG. NO. <b>18-183F-03</b>	REV. <b>0</b>
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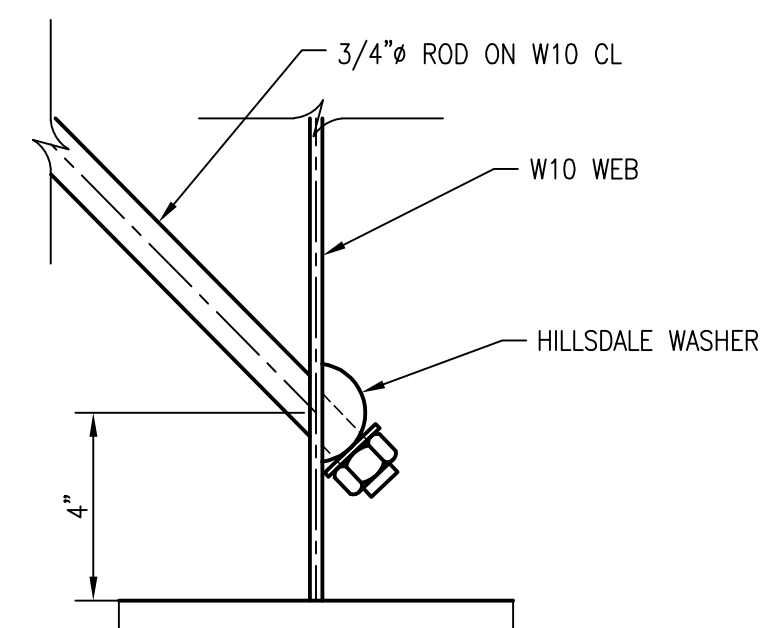




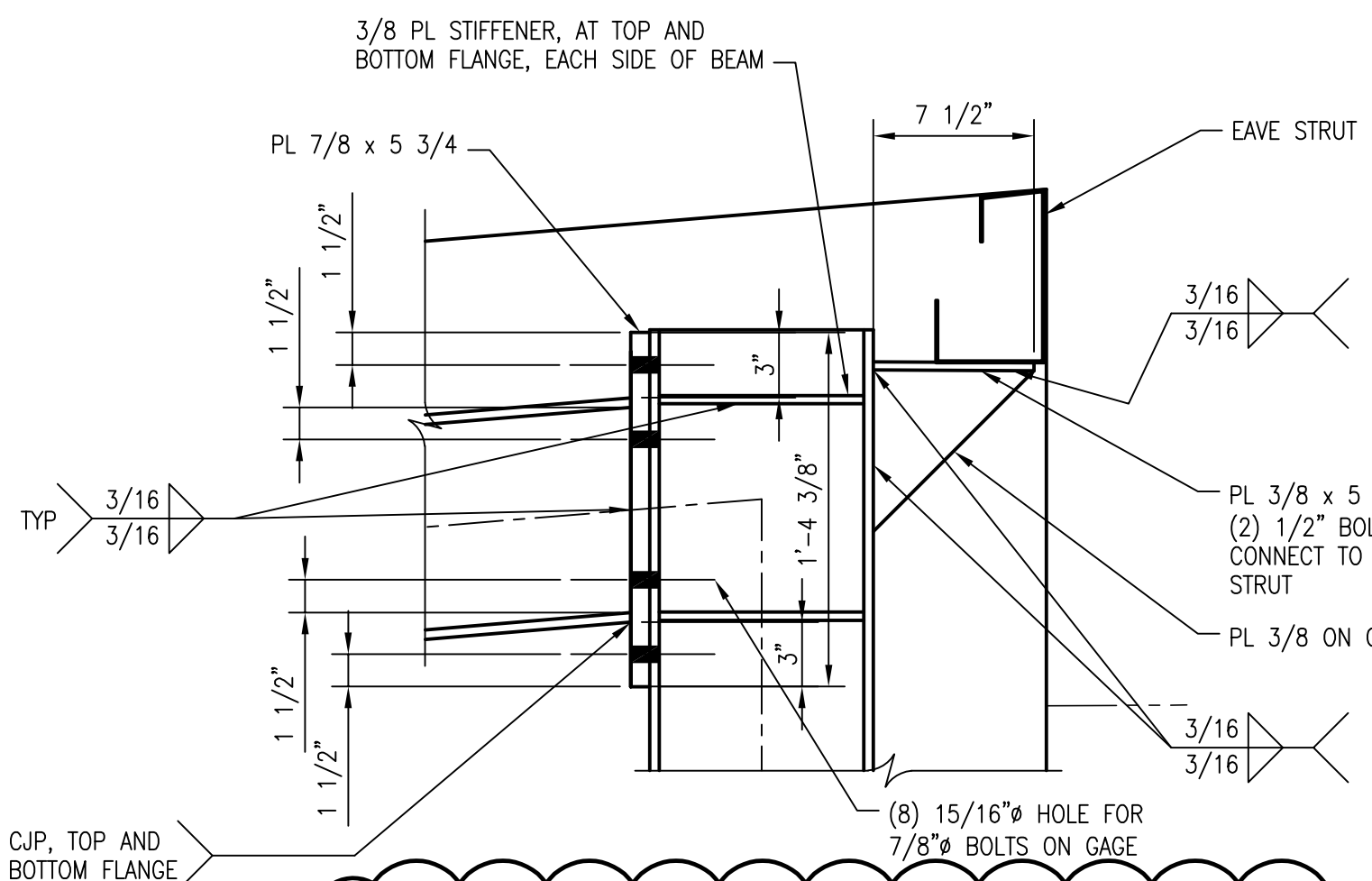
**B**  
**04** TYPICAL FRAME SECTION  
3/8" = 1'-0"



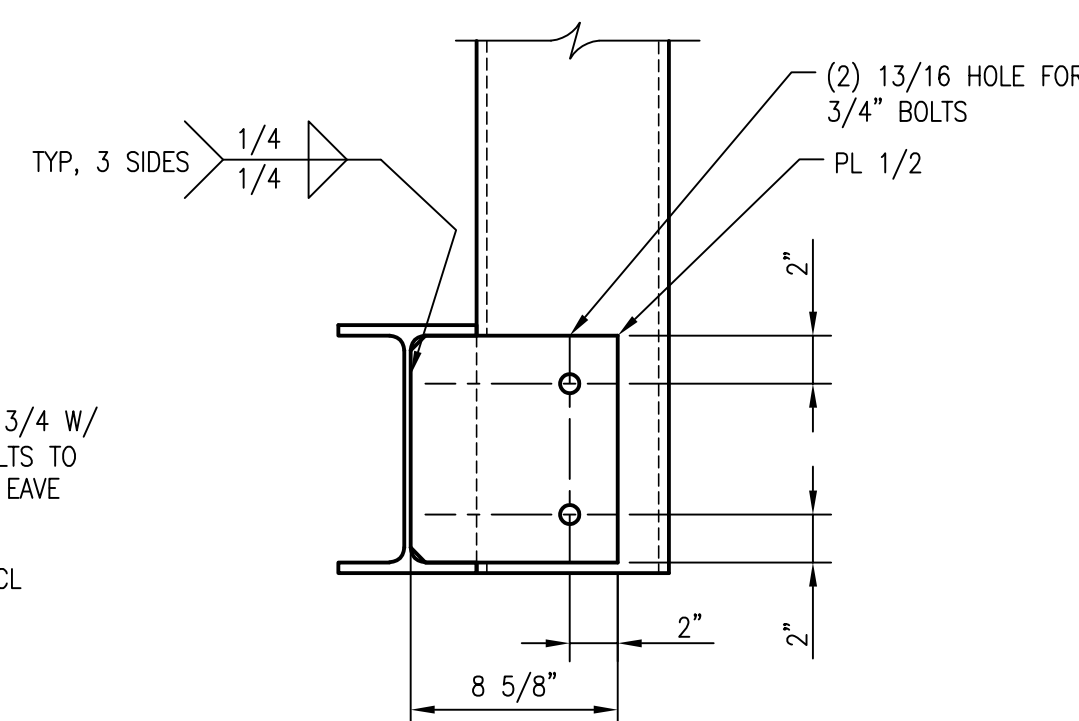
**1**  
**04** TYPICAL GIRT/PURLIN CONNECTION  
3" = 1'-0"



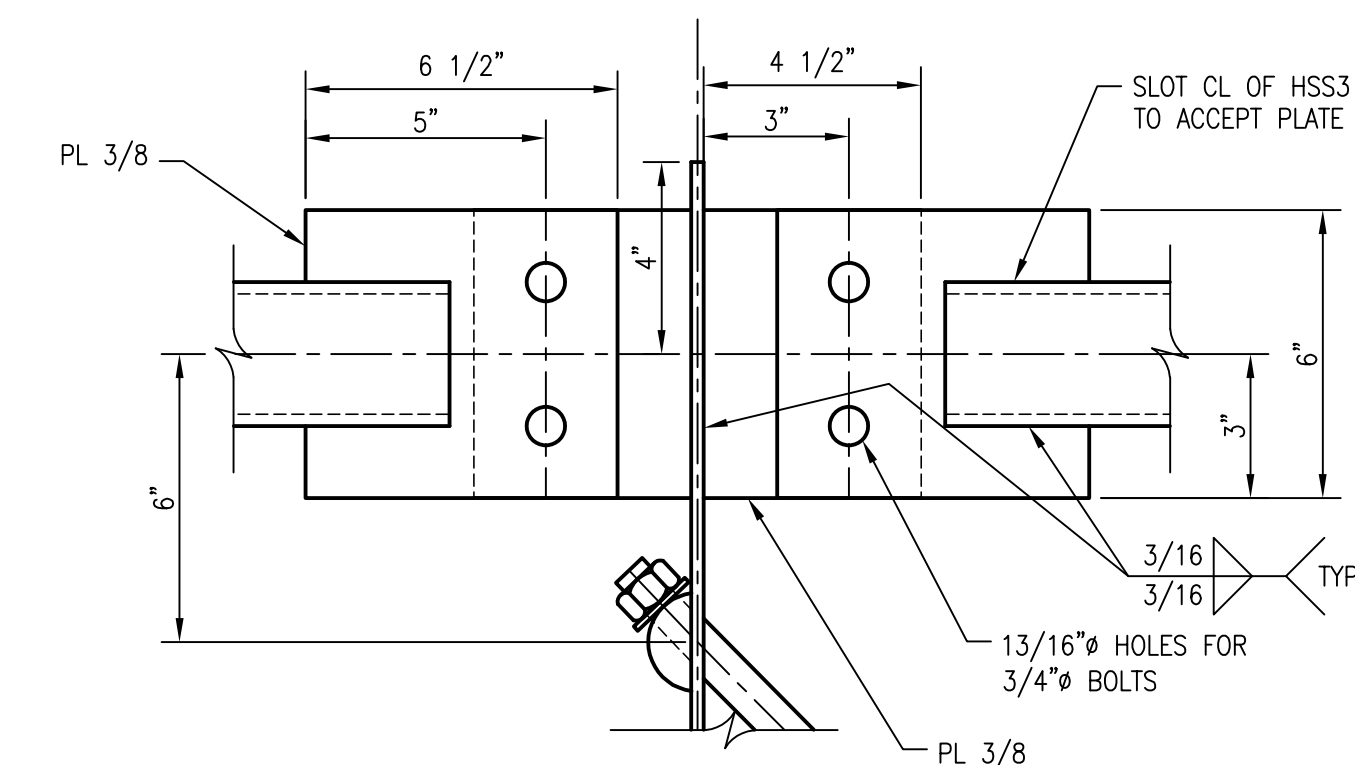
**2**  
**04** TYPICAL ROD CONNECTION  
3" = 1'-0"



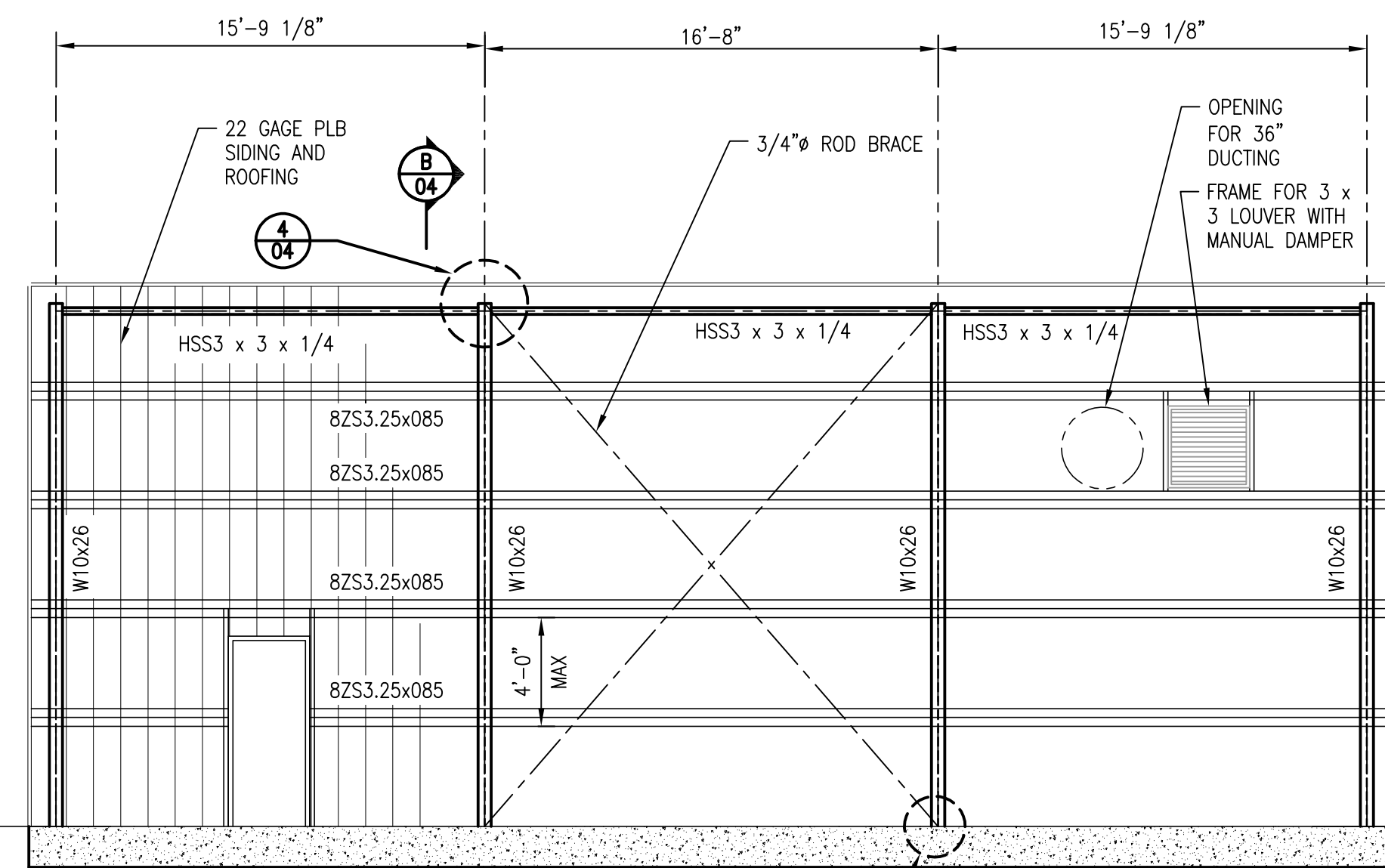
**3**  
**04** TYPICAL FRAME MOMENT CONNECTION  
1 1/2" = 1'-0"



**C**  
**04** C8 TO W10 CONNECTION  
1 1/2" = 1'-0"



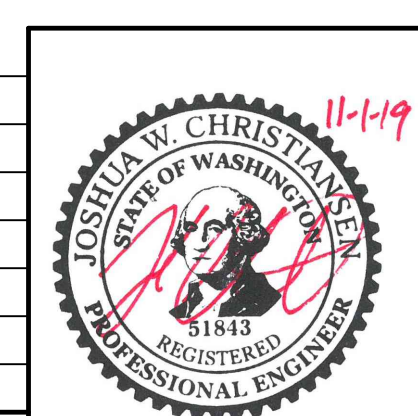
**4**  
**04** TYPICAL HSS CONNECTION  
3" = 1'-0"



**A**  
**04** ENCLOSURE ELEVATION  
3/16" = 1'-0"

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SYMBOL	REVISIONS	BY	DATE	CHK'D
1	REVISED MOMENT CONNECTION	JWC	11/01/19	
0	ISSUED FOR PERMIT	JWC	07/31/19	



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DRAWN BY: JWC

DATE: 07/29/2019

CHKD BY:

DATE:

**LAKESIDE INDUSTRIES**  
**MAPLE VALLEY ASPHALT PLANT**  
**NEW LOADOUT ENCLOSURE**  
**ENCLOSURE ELEVATION AND DETAILS**

SCALE: AS NOTED

DWG. NO.: **18-183F-04**

REV.: **1**