

BUILDING LOADS / DESCRIPTION:

WIDTH: 140 LENGTH: 240 HEIGHT: 16 / 39.33
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND
APPLIED AS REQUIRED BY : IBC 15

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH
THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD:	2.8	PSF (ROOF PANELS & PURLINS)
COLLATERAL LOAD:	0.50	PSF
ROOF LIVE LOAD:	20.00	PSF
GROUND SNOW LOAD:	93	PSF
SNOW EXPOSURE:	1.0	0.18 / -0.18
THERMAL FACTOR:	1.20	WIND IMP. FACTOR 1.00
SNOW IMP. FACTOR:	1.10	MAPPED SPECTRAL RESPONSE ACC.
ROOF SNOW LOAD:	85.93	PSF Ss 0.27
SITE CLASS:	D	S1 0.09
SEISMIC DESIGN CAT.:	C	
SEISMIC IMP. FACTOR	1.25	
Cs (LONGITUDINAL)	0.119	
Cs (TRANSVERSE)	0.119	SEISMIC FORCE RESISTING SYSTEM
R (LONGITUDINAL)	3	STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
R (TRANSVERSE)	3	STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE

GENERAL NOTES:

- 1)

ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS ARE DESIGNED IN ACCORDANCE WITH THE AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" AS REQUIRED BY THE SPECIFIED BUILDING CODE.
- 2)

ALL WELDING OF STRUCTURAL STEEL IS BASED ON AWS D1.1 "STRUCTURAL WELDING CODE", LATEST EDITION.
- 3)

MATERIALS:

PLATE, FLANGE, AND WEB MATERIAL..... A572 GRADE 50 OR A529 GRADE 50

STRUCTURAL TUBE..... A500, Fy = 50 ksi MIN.

HOT-ROLLED STRUCTURAL..... A992 OR A572 GRADE 50

ROD BRACING..... F1554 GRADE 55

HIGH-STRENGTH BOLTS..... A325

COLD-FORMED STRUCTURAL..... A1011 SS GRADE 57

STEEL CLADDING..... R-LOC 26 GA
- 4)

BOLT TIGHTENING REQUIREMENTS:

ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE.

ALL BOLTED CONNECTIONS SHALL BE SNUG TIGHT.

WASHERS ARE NOT REQUIRED UNLESS NOTED OTHERWISE.
- 5)

ALL STRUCTURAL STEEL TO RECEIVE A PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.
- 6)

WINDOWS AND DOORS THAT ARE PROVIDED BY OTHERS ARE ASSUMED TO MEET WIND LOADING REQUIREMENTS OF THE BUILDING STRUCTURE. THEY MUST BE PROTECTED BY AN IMPACT-PROTECTIVE SYSTEM OR HAVE IMPACT-RESISTANT GLAZING AS REQUIRED BY THE BUILDING CODE.
- 7)

COLLATERAL LOADS, UNLESS NOTED OTHERWISE, SHALL BE UNIFORMLY DISTRIBUTED. IF CONCENTRATED LOADS ARE TO EXCEED 250 LBS, CONTACT THE METAL BUILDING SUPPLIER.
- 8)

IF SNOW GUARDS OR OTHER DEVICES INTENDED TO HOLD SNOW AND/OR ICE ON THE ROOF SYSTEM ARE TO BE USED ON THIS BUILDING, THEY MUST BE INSTALLED UNDER THE GUIDANCE OF THE ENGINEER OF RECORD TO NOT EXCEED THE DESIGN ROOF SNOW LOAD.

FOUNDATION AND ANCHOR BOLTS:

- 1)REFER TO FOUNDATION DRAWINGS BY VECTOR ENGINEERS.

SITE ADDRESS: 684 S. 5TH STREET
PAGOSA SPRINGS, CO 81147

RISK CATEGORY: III- High

CONSTRUCTION TYPE: IIB

BUILDER / CONTRACTOR RESPONSIBILITIES

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO ENSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE METAL BUILDING SYSTEM MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

APPROVAL OF THE METAL BUILDING SYSTEM MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE METAL BUILDING SYSTEM MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.4.1 AISC CODE OF STANDARD PRACTICE, 2016 ED.) WHERE DISCREPANCIES EXIST BETWEEN THE METAL BUILDING SYSTEM MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE, 2016 ED.) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE METAL BUILDING SYSTEM MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE METAL BUILDING SYSTEM MANUFACTURER'S ENGINEER UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE METAL BUILDING SYSTEM MANUFACTURER "FOR CONSTRUCTION" DRAWINGS.

ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, INCLUDING THOSE RESULTING FROM WIND AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO HURRICANE, TORNADO, EARTHQUAKE, EXPLOSION, OR COLLISION. (SECT. 7.10.3 AISC CODE OF STANDARD PRACTICE, 2016 ED.)

ONCE OWNER HAS SIGNED THE APPROVAL PACKAGE AND THE PROJECT IS RELEASED FOR FABRICATION, CHANGES AFTER APPROVAL SHALL BE BILLED TO THE OWNER. CHARGES CAN INCLUDE MATERIAL, ENGINEERING, OR OTHER COSTS. AN ADDITIONAL FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM FABRICATION AND SHIPPING SCHEDULE.

WARNING : IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH WARNING: LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.

APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS: IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS BE MADE IN CONTRASTING INK (PREFERABLY RED INK), HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED, AND BE LEGIBLE AND UNAMBIGUOUS. A SIGNATURE AND DATE IS REQUIRED ON ALL PAGES. MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MIS-FABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE. APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE METAL BUILDING SYSTEM MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER. ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERNATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

THE OWNER MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.

CUSTOMER DESIGN APPROVAL

PLEASE SIGN AND CHECK THE APPROPRIATE BOX BELOW THE SIGNATURE AFTER REVIEWING THE DOCUMENTS.
MY SIGNATURE BELOW ACKNOWLEDGES THAT I HAVE READ AND REVIEWED ALL THE SHEETS LISTED IN THE CONTENT GUIDE AND AGREE TO THE SPECIFICATIONS SHOWN UNLESS OTHERWISE NOTED.
UPON ACCEPTANCE OF THE DRAWINGS, ANY DEVIATIONS FROM THE SIGNED DRAWINGS AND SPECIFICATIONS OUTLINED IN THE EXECUTED DRAWINGS ARE SUBJECT TO ADDITIONAL CHARGES AND MAY RESULT IN DELAY OF INSTALLATION OR DELIVERY OF YOUR STRUCTURE. A CHANGE ORDER WILL BE ISSUED TO YOU WITH THE OUTLINED ADDITIONAL COST ASSOCIATED WITH THESE CHANGES AND A PROPOSED NEW DELIVERY SCHEDULE.
NO CHANGES WILL BE ACCEPTED UNLESS WE HAVE A CHANGE ORDER SIGNED BY AN AUTHORIZED REPRESENTATIVE.

CUSTOMER SIGNATURE: DATE:

☐ APPROVE ☐ APPROVE WITH CHANGES

DRAWING INDEX

COVER SHEET: C1

ANCHOR BOLT PLAN: B1, B2

ANCHOR BOLT REACTIONS: BR1

PRIMARY PLANS / SECTIONS: E1, E2, E3, E4, E5, E6, E7, E8

DEVELOPED BY:

ClearSpan

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ORDER #: 7883411

CUSTOMER #: 8625278

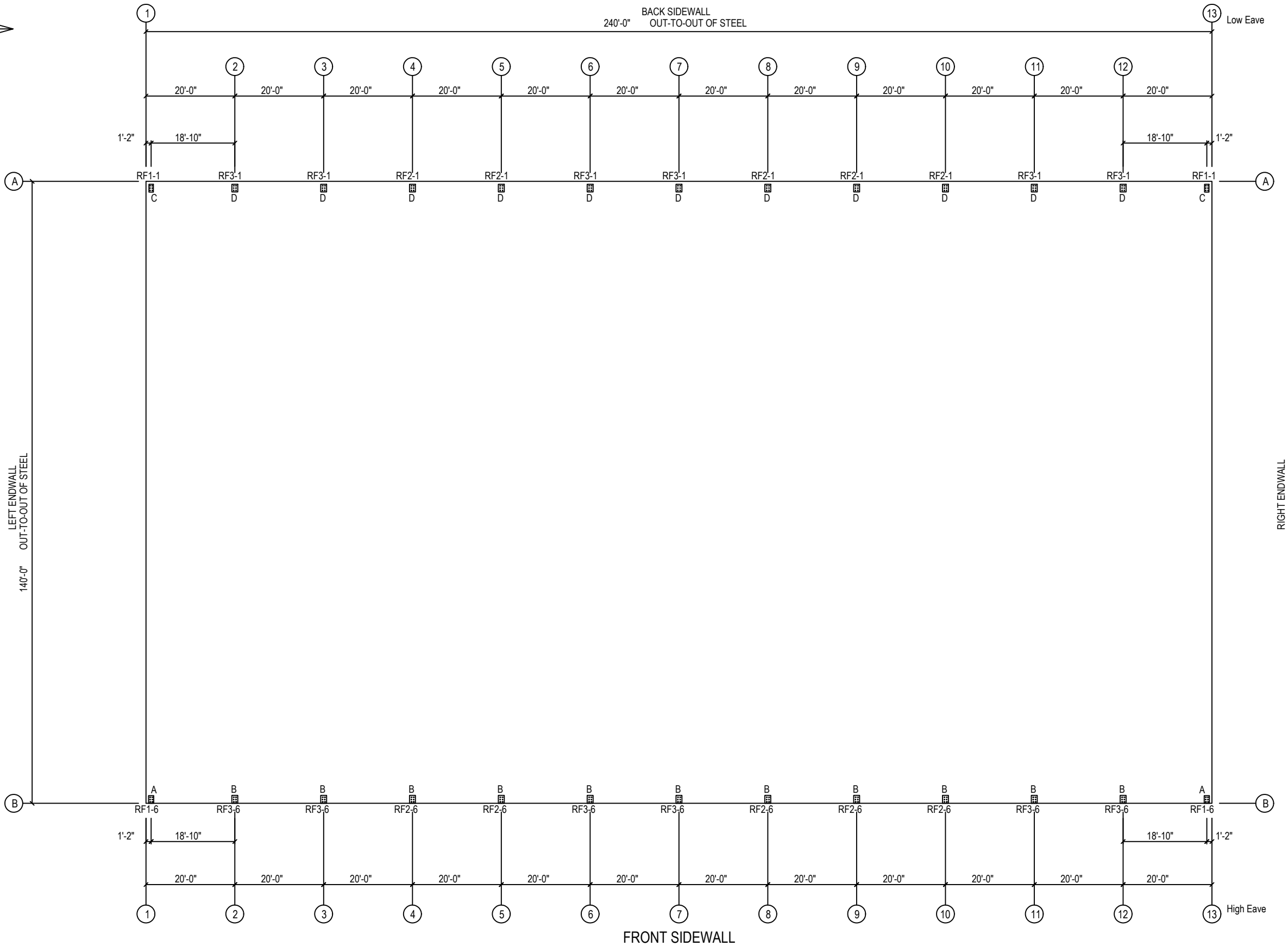
PROFESSIONAL SEAL

CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLION 550 S 8TH ST PAGOSA SPRINGS, CO 81147	CONTACT PHONE: 970-903-2394	STRUCTURE SKU #: 00426	STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"	SHEET TITLE: COVER PAGE
	CUSTOMER CONTACT: BRIAN COLLABOLETTA			

DRAWING DETAILS				
DRAWN BY: PGE		CREATION DATE: 10/25/2024		
REVISIONS:				
NO.	BY:	DATE:	DESCRIPTION:	
1				
2				
3				
4				
NO SCALE			SHEET: C1	
SHEET SIZE: 11X17				



WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov



ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.O.)

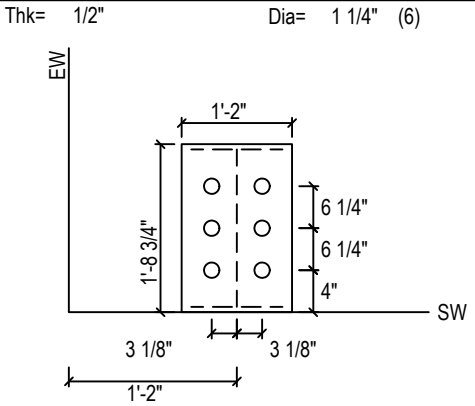
ORDER #: 7883411

CUSTOMER #: 8625278

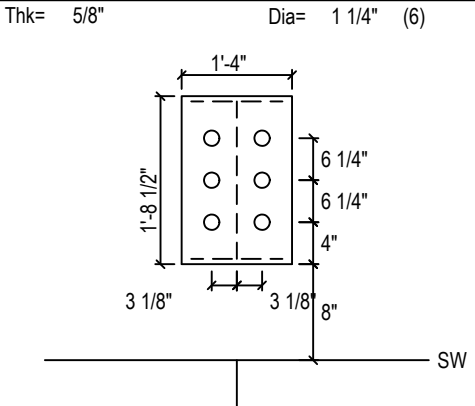
PROFESSIONAL SEAL

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CUSTOMER CONTACT: BRIAN COLLABOLETTA		
STRUCTURE SKU #: 00426		
STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"		
SHEET TITLE: ANCHOR BOLT PLAN		

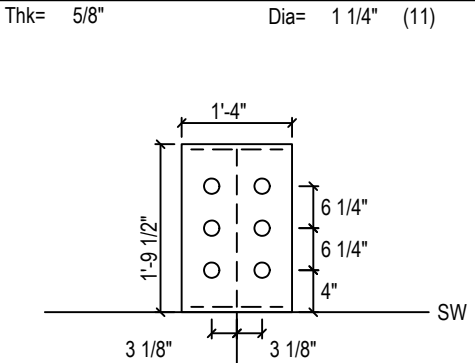
DRAWING DETAILS			
DRAWN BY: PGE		CREATION DATE: 10/25/2024	
REVISIONS:			
NO.	BY:	DATE:	DESCRIPTION:
1			
2			
3			
4			
NO SCALE			SHEET: B1
SHEET SIZE: 11X17			



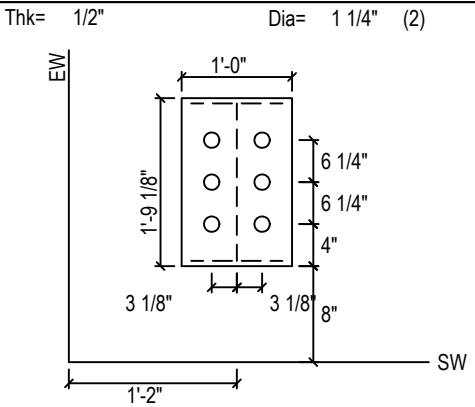
DETAIL A (2)



DETAIL D (11)



DETAIL B (11)



DETAIL C (2)

ANCHOR BOLT SETTING NOTE

1) THE ANCHOR BOLT SETTINGS SHOWN ON THESE DRAWINGS NOT ONLY INDICATE WHERE THE ANCHOR BOLTS ARE TO BE PLACED, BUT ALSO THE FOOTPRINT OF THE BUILDING. IT IS ESSENTIAL THAT THESE BOLT PATTERNS BE FOLLOWED. IN THE EVENT THAT THESE SETTINGS DIFFER FROM THE FOUNDATION PLANS, THE BUILDING MANUFACTURER MUST BE CONTACTED IMMEDIATELY.

TYPICAL BASE PLATE ELEVATION

FINISHED FLOOR = 100'-0"
BOTTOM OF BASE PLATE ELEVATION = 100'-0"

ANCHOR BOLT PLAN GENERAL NOTES

1) THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 55 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.

2) THE FOUNDATION AND ANCHORS ARE CRITICAL ELEMENTS FOR THE BUILDING TO FUNCTION AS DESIGNED. UNLESS NOTED OTHERWISE

ON SHEET C1, THE OWNER IS RESPONSIBLE FOR ENSURING THE FOUNDATION IS DESIGNED FOR THE BUILDING BY A PROFESSIONAL IN ACCORDANCE WITH LOCAL REQUIREMENTS.

3) ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY BUILDING MANUFACTURER, UNLESS NOTED OTHERWISE.

4) THIS DRAWING IS NOT TO SCALE.

NOTE: " Dia" DIMENSIONS SHOWN REPRESENT REQUIRED ANCHOR BOLT DIAMETER. USE TABLE BELOW TO DETERMINE BASE PLATE ANCHOR HOLE SIZE PER ANCHOR DIAMETER.

ANCHOR BOLT DIAMETER	BASE PLATE ANCHOR HOLE SIZE	PROJECTION
5/8"	3/4"	3"
3/4"	7/8"	3"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3"

** REFER TO FOUNDATION DRAWINGS FOR WHICH HOLES TO USE.

5) THE ANCHOR BOLT LOCATIONS PROVIDED BY BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE BUILDING SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE SURE THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.

DEVELOPED BY:

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ORDER #: 7883411

CUSTOMER #: 8625278

PROFESSIONAL SEAL

CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLION 550 S 8TH ST PAGOSA SPRINGS, CO 81147	CONTACT PHONE: 970-903-2394	STRUCTURE SKU #: 00426	STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"	SHEET TITLE: ANCHOR BOLT DETAILS

DRAWING DETAILS				
DRAWN BY: PGE		CREATION DATE: 10/25/2024		
REVISIONS:				
NO.	BY:	DATE:	DESCRIPTION:	
1				
2				
3				
4				
NO SCALE			SHEET: B2	
SHEET SIZE: 11X17				

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width

(ft)

= 140.0

Length

(ft)

= 240.0

Eave Height

(ft)

= 16.0/ 39.3

Roof Slope

(rise/12)

= 2.00

Roof Dead Load

(psf)

= 2.8

Wall Dead Load

Left Endwall

(psf)

= 2.0

Right Endwall

(psf)

= 2.0

Front Sidewall

(psf)

= 2.0

Back Sidewall

(psf)

= 2.0

Roof Live Load

(psf)

= 20.0

Frame Live Load

(psf)

= 12.0

Collateral Load

(psf)

= 0.5

Snow Load

(psf)

= 85.9

Wind Speed

(mph)

= 120.0

Wind Code

=IBC 15

Exposure

=C

Closure

=Enclosed

Internal Wind Coeff

=-0.18, +0.18

Risk Category

=III- High

Importance - Wind

= 1.00

Importance - Seismic

= 1.25

Seismic Design Category

= C

Seismic Coeff

(Sms)

= 0.43

5. Loading conditions are:

1 Dead+Collateral+Snow

2 Dead+Collateral+Snow+Snow_Drift

3 Dead+Collateral+Snow+Slide_Snow

4 0.6Dead+0.6Wind_Left1

5 0.6Dead+0.6Wind_Right1

6 0.6Dead+0.6Wind_Long1L

7 0.6Dead+0.6Wind_Long1R

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Id	Column Line	----Dead----		--Collateral--		----Live----		----Snow----		--Wind_Left1--		-Wind_Right1-	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	7.39	10.18	0.36	0.46	8.62	11.03	61.79	77.87	-24.47	-29.94	-4.43	-15.55
1*	B	-7.39	14.60	-0.36	0.46	-8.62	11.05	-61.79	78.03	19.10	-29.16	20.06	-20.56

Frame Id	Column Line	--Wind_Left2-		-Wind_Right2-		--Wind_Long1-		--Wind_Long2-		-Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	-19.72	-21.17	0.89	-6.89	-17.44	-28.24	-10.19	-16.56	-4.19	-1.01	4.19	1.01
1*	B	14.30	-20.69	14.73	-11.99	21.82	-29.69	10.43	-16.47	-1.48	1.01	1.48	-1.01

Frame Id	Column Line	-MIN_SNOW--											
		Horz	Vert										
1*	A	46.76	58.90										
1*	B	-46.72	59.01										

Frame Id	Column Line	----Dead----		--Collateral--		----Live----		----Snow----		--Wind_Left1--		-Wind_Right1-	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	10.83	16.43	0.54	0.76	12.85	18.25	92.11	128.87	-27.12	-36.17	-4.18	-20.74
2*	B	-10.83	22.80	-0.54	0.76	-12.85	18.29	-92.11	129.17	18.19	-34.28	22.50	-26.73

Frame Id	Column Line	--Wind_Left2-		-Wind_Right2-		--Wind_Long1-		--Wind_Long2-		-Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	-21.04	-21.57	3.39	-6.40	-17.84	-34.03	-11.72	-22.13	-6.76	-1.53	6.76	1.53
2*	B	11.96	-20.36	14.93	-12.56	21.01	-34.90	10.67	-21.45	-1.83	1.53	1.83	-1.53

Frame Id	Column Line	-MIN_SNOW--											
		Horz	Vert										
2*	A	69.73	97.52										
2*	B	-69.67	97.72										

Frame Id	Column Line	----Dead----		--Collateral--		----Live----		----Snow----		--Wind_Left1--		-Wind_Right1-	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
3*	A	10.83	16.43	0.54	0.76	12.85	18.25	92.11	128.87	-27.12	-36.17	-4.18	-20.74
3*	B	-10.83	22.80	-0.54	0.76	-12.85	18.29	-92.11	129.17	18.19	-34.28	22.50	-26.73

Frame Id	Column Line	--Wind_Left2-		-Wind_Right2-		--Wind_Long1-		--Wind_Long2-		-Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
3*	A	-21.04	-21.57	3.39	-6.40	-17.84	-37.89	-11.72	-25.99	-6.76	-1.53	6.76	1.53
3*	B	11.96	-20.36	14.93	-12.56	21.01	-49.26	10.67	-35.80	-1.83	1.53	1.83	-1.53

Frame Id	Column Line	-Seismic_Long		-MIN_SNOW--									
		Horz	Vert	Horz	Vert								
3*	A	0.00	-11.70	69.73	97.52								
3*	B	0.00	-32.52	-69.67	97.72								

1* Frame lines: 1 13

2* Frame lines: 4 5 8 9 10

3* Frame lines: 2 3 6 7 11 12

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	Reactions in plane of wall Reactions(k)		Panel_Shear (lb/ft)		Note
			Wind Horz	Seismic Horz	Wind	Seis	
L_EW	1						(h)
F_SW	B	2,3	3.90	8.84			(b)
		6,7	3.90	8.84			(b)
		11,12	3.90	8.84			(b)
R_EW	13						(h)
B_SW	A	11,12	2.88	8.70			(b)
		6,7	2.88	8.70			(b)
		2,3	2.88	8.70			(b)

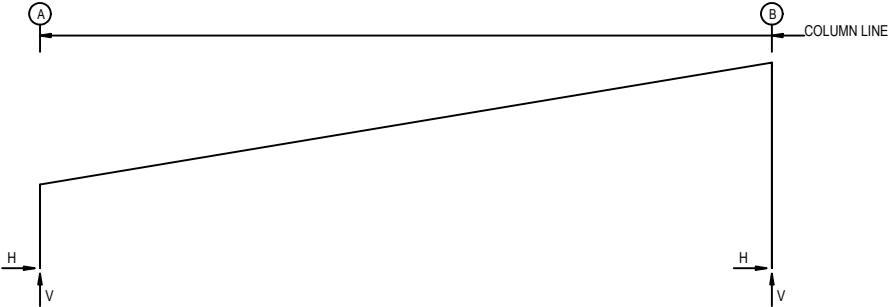
(b)Wind bent in bay, base above finish floor

(h)Rigid frame at endwall

Reactions for seismic represent shear force, Eh

Reaction values shown are unfactored

FRAME LINES: 1 2 3 4 5 6 7 8 9 10 11 12 13



RIGID FRAME: MAXIMUM REACTIONS

Frm Id	Col Line	Column_Reactions(k)		
		Load Id	Horz	Vert
1*	A	1	69.55	88.51
		4	-10.25	-11.85
1*	B	2	-69.55	93.09
		7	8.66	-9.05

1* Frame lines: 1 13

RIGID FRAME: MAXIMUM REACTIONS

Frm Id	Col Line	Column_Reactions(k)		
		Load Id	Horz	Vert
3*	A	3	103.49	146.07
		4	-9.77	-11.84
		6	-4.21	-12.88
3*	B	1	-103.5	152.73
		3	-103.5	152.73
		5	7.00	-2.36
		6	6.11	-15.87

3* Frame lines: 2 3 6 7 11 12

RIGID FRAME: MAXIMUM REACTIONS

Frm Id	Col Line	Column_Reactions(k)		
		Load Id	Horz	Vert
2*	A	3	103.49	146.07
		4	-9.77	-11.84
		1	-103.5	152.73
2*	B	3	-103.5	152.73
		5	7.00	-2.36
		7	6.11	-7.26

2* Frame lines: 4 5 8 9 10

DEVELOPED BY:



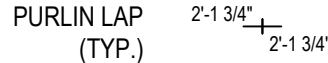
ORDER #: 7883411

CUSTOMER #: 8625278

PROFESSIONAL SEAL

CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLION 550 S 8TH ST PAGOSA SPRINGS, CO 81147		CONTACT PHONE: 970-903-2394	STRUCTURE SKU #: 00426	STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"	SHEET TITLE: ANCHOR BOLT REACTIONS
CUSTOMER CONTACT: BRIAN COLLOBOLETTA					

DRAWING DETAILS			
DRAWN BY: PGE		CREATION DATE: 10/25/2022	
REVISIONS:			
NO.	BY:	DATE:	DESCRIPTION:
1			
2			
3			
4			
NO SCALE			SHEET: BR1
SHEET SIZE: 11X17			



DRAWING DETAILS			
DRAWN BY: PGE		CREATION DATE: 10/25/2024	
REVISONS:			
NO.	BY:	DATE:	DESCRIPTION:
1			
2			
3			
4			
NO SCALE			SHEET: E1
SHEET SIZE: 11X17			

Q



140'-0"
ROOF SURFACE 2

(B)

1'-6"

Panel Start

Panel Start $1'-6''$

PANELS: 26 Ga. RL

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7883411

3625278

PAGOSA MULTI PURPOSE PAVILION 550 S 8TH ST PAGOSA SPRINGS, CO 81147		CUSTOMER CONTACT: BRIAN COLABOLETTA	CONTACT PHONE: 970-903-2394
STRUCTURE SKU #: 00426			
STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"			
SHEET TITLE: ROOF SHEETING PLAN			

DRAWING DETAILS			
DRAWN BY:		PGE	CREATION DATE: 10/25/2024
REVISIONS:			
NO.	BY:	DATE:	DESCRIPTION:
NO SCALE			E2
SHEET SIZE: 11X17			
SHEET:			

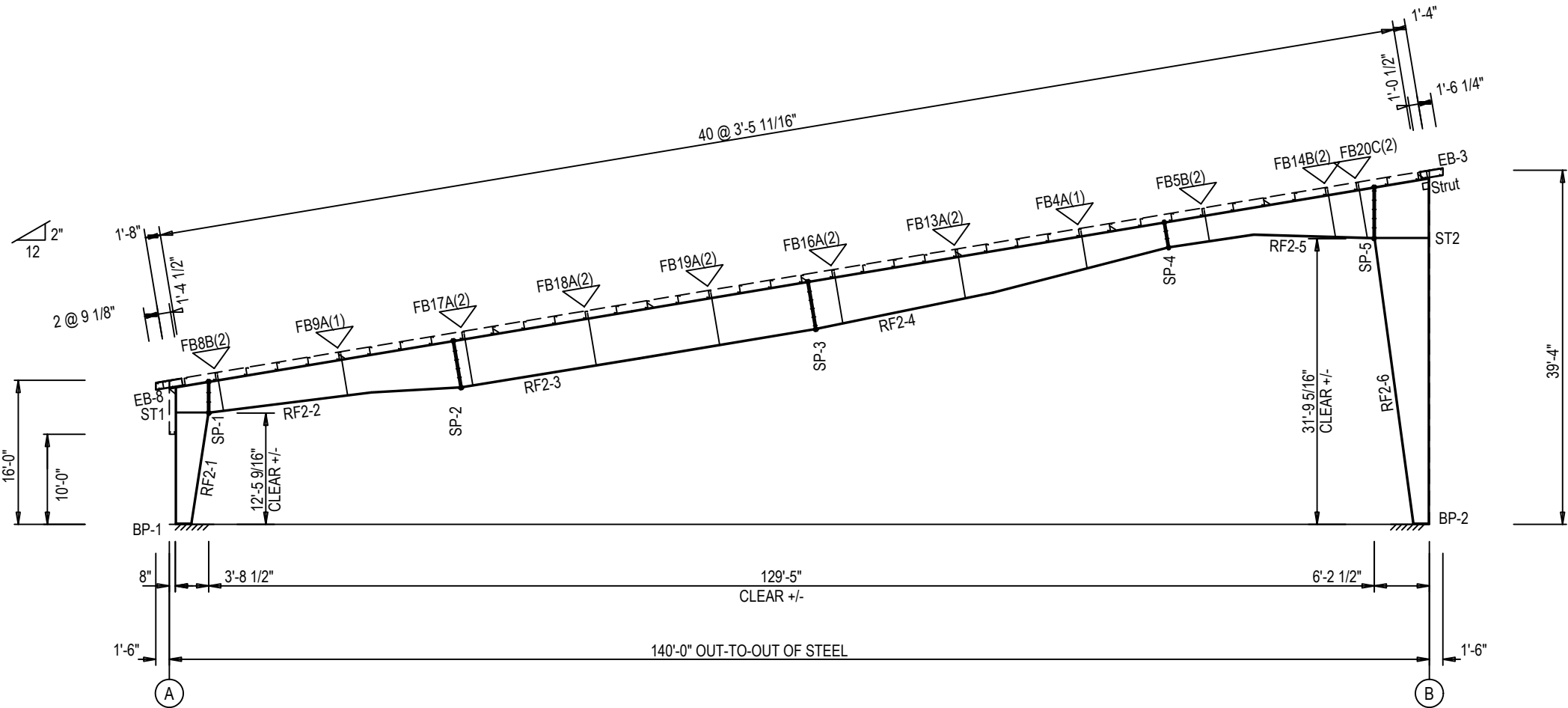
SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	4	A325	1 1/2	5"
SP-2	4	4	8	A325	1 1/4	4"
SP-3	4	6	8	A325	1 1/2	5"
SP-4	4	4	4	A325	1"	2 1/4"
SP-5	6	4	8	A325	1 1/2	5"

STIFFENER TABLE				
Mark	Stiff Mark	Width	Plate Size Thick	Length
RF2-1	ST1	5.750	0.375	42.88
RF2-6	ST2	5.880	0.500	71.88

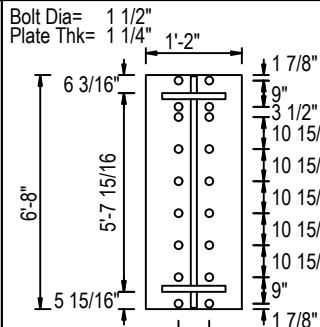
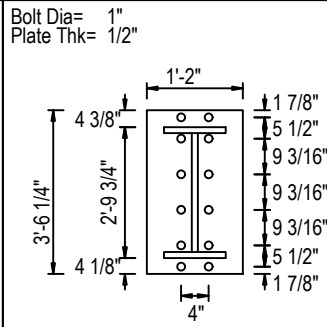
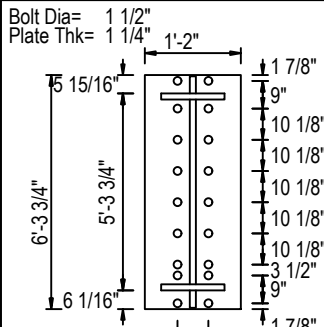
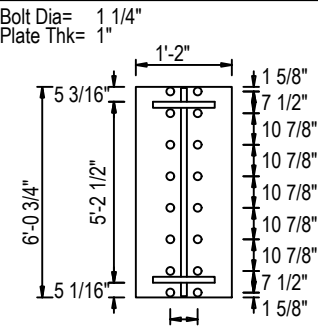
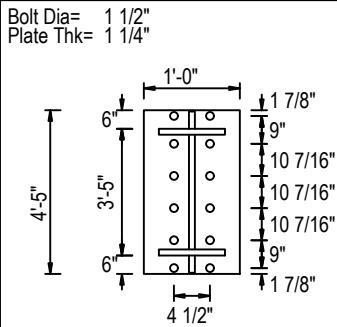
BASE PLATE TABLE			
Col Mark	Width	Plate Size Thick	Length
BP-1	1'-4"	5/8"	1'-8 1/2"
BP-2	1'-4"	5/8"	1'-9 1/2"

FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
B - FB3X316
A - FB2X1/8
C - FB4X1/4

MEMBER TABLE							
Mark	Weight	Length	Web Depth	Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
			Start/End	Thick	Length		
RF2-1	2113	15'-2 15/16"	19.0/29.0	0.375	4'-11 1/2"	12 x 1/2" x 15'-1 9/16"	12 x 1" x 12'-0 5/8"
RF2-2	4236	27'-6 3/8"	29.0/43.0	0.500	10'-9 5/16"	12 x 3/4" x 4'-4 1/16"	12 x 3/4" x 18'-0 15/16"
			39.0/48.0	0.500	18'-0 3/4"	12 x 3/4" x 27'-4 1/8"	
RF2-3	6890	39'-11 1/4"	48.0/60.9	0.375	9'-10"	14 x 1" x 39'-9"	12 x 3/4" x 9'-10 11/16"
			61.0/61.7	0.375	14'-2"		14 x 3/4" x 20'-0"
RF2-4	6746	40'-1 3/4"	61.7/62.0	0.375	5'-10"	14 x 1" x 40'-0"	14 x 3/4" x 19'-9"
			62.0/62.0	0.313	19'-9"		14 x 3/4" x 20'-0 3/16"
RF2-5	4102	23'-6 3/4"	62.0/55.6	0.375	14'-2"	14 x 3/4" x 23'-4 7/8"	14 x 3/4" x 20'-0 7/8"
			55.6/53.0	0.375	5'-10"		
RF2-6	8478	38'-5 7/8"	53.0/38.2	0.500	14'-2"	14 x 1" x 6'-2 1/16"	14 x 1" x 13'-2 5/8"
			38.2/32.0	0.500	5'-10"		14 x 1 1/4" x 31'-6 5/16"
EB-3	38	2'-6 3/4"	32.0/34.0	0.500	9'-6 3/8"	14 x 1" x 6'-2 1/16"	14 x 1" x 9'-6 1/4"
			34.0/65.0	0.500	13'-10 1/2"		
EB-8	47	3'-0 3/8"	72.0/71.9	0.625	7'-1 3/4"	14 x 1 1/4" x 38'-4"	14 x 1 1/4" x 31'-6 5/16"
			71.9/38.0	0.500	20'-0"		
			38.0/19.0	0.500	11'-2 1/4"		
			W10X12				
			W10X12				



RIGID FRAME ELEVATION: FRAME LINE 4 5 8 9 10



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ORDER #: 7883411

CUSTOMER #: 8625278

PROFESSIONAL SEAL

CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLON 550 S 8TH ST PAGOSA SPRINGS, CO 81147		CONTACT PHONE: 970-903-2394	STRUCTURE SKU #: 00426	STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"	SHEET TITLE: RIGID FRAME ELEVATION
CUSTOMER CONTACT: BRIAN COLLABOLETTA					

DRAWING DETAILS				
DRAWN BY:		PGE	CREATION DATE: 10/25/2024	
REVISIONS:				
NO.	BY:	DATE:	DESCRIPTION:	
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2				
3				
4				
NO SCALE			SHEET: E4	
SHEET SIZE: 11X17				

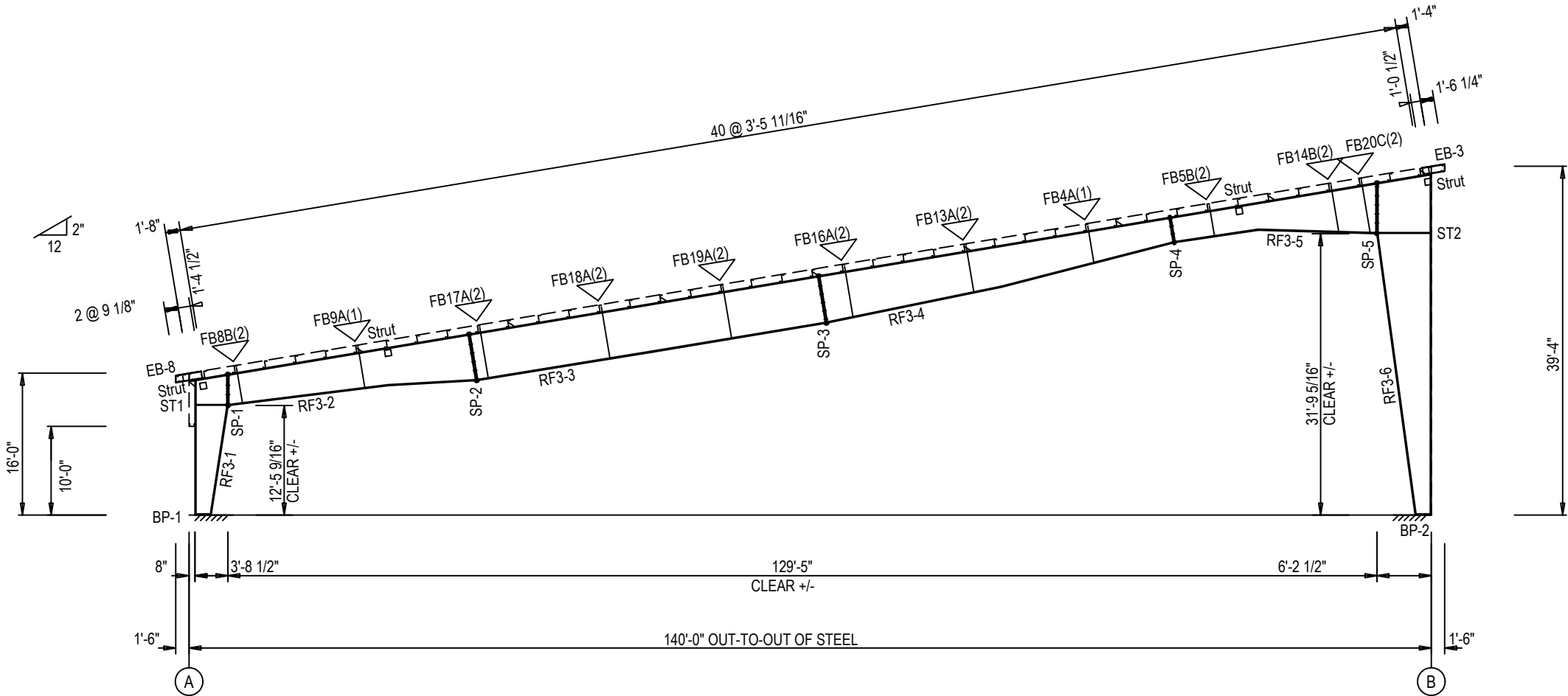
SPLICE BOLT TABLE						
Mark	Qty	Top	Bot	Int	Type	Dia Length
SP-1	4	4	4	4	A325	1 1/2 5"
SP-2	4	4	4	8	A325	1 1/4 4"
SP-3	4	6	8	8	A325	1 1/2 5"
SP-4	4	4	4	4	A325	1" 2 1/4"
SP-5	6	4	8	8	A325	1 1/2 5"

STIFFENER TABLE				
Mark	Stiff Mark	Width	Plate Size Thick	Length
RF3-1	ST1	5.750	0.375	35.00
RF3-6	ST2	5.880	0.500	63.75

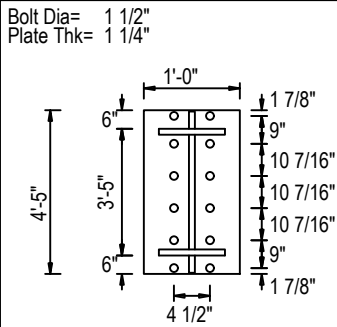
BASE PLATE TABLE			
Col Mark	Width	Plate Size Thick	Length
BP-1	1'-4"	5/8"	1'-8 1/2"
BP-2	1'-4"	5/8"	1'-9 1/2"

FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
B - FB3X316
A - FB2X1/8
C - FB4X1/4

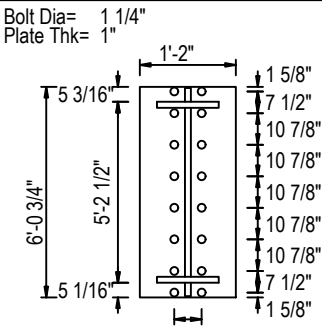
MEMBER TABLE							
Mark	Weight	Length	Web Depth Start/End	Web Plate Thick Length		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-1	2112	15'-2 15/16"	19.0/29.0	0.375	4'-11 1/2"	12 x 1/2" x 15'-1 9/16"	12 x 1" x 12'-0 5/8"
RF3-2	4245	27'-6 3/8"	29.0/43.0	0.500	10'-9 5/16"	12 x 3/4" x 4'-4 1/16"	12 x 3/4" x 18'-0 15/16"
RF3-3	6890	39'-11 1/4"	39.0/48.0	0.500	18'-0 3/4"	12 x 3/4" x 27'-4 1/8"	12 x 3/4" x 9'-10 11/16"
RF3-4	6746	40'-1 3/4"	48.0/60.9	0.375	9'-10"	14 x 1" x 39'-9"	14 x 3/4" x 20'-0"
RF3-5	4110	23'-6 3/4"	61.0/61.7	0.375	14'-2"	14 x 1" x 40'-0"	14 x 3/4" x 20'-0 3/16"
RF3-6	8465	38'-5 7/8"	61.7/62.0	0.375	5'-10"	14 x 3/4" x 20'-0 7/8"	14 x 3/4" x 19'-9"
EB-3	38	2'-6 3/4"	62.0/62.0	0.313	19'-9"		
EB-8	47	3'-0 3/8"	62.0/55.6	0.375	14'-2"		
			55.6/53.0	0.375	5'-10"		
			53.0/38.2	0.500	14'-2"		
			38.2/32.0	0.500	5'-10"		
			32.0/34.0	0.500	9'-6 3/8"		
			34.0/65.0	0.500	13'-10 1/2"		
			72.0/71.9	0.625	7'-1 3/4"		
			71.9/38.0	0.500	20'-0"		
			38.0/19.0	0.500	11'-2 1/4"		
			W10X12				
			W10X12				



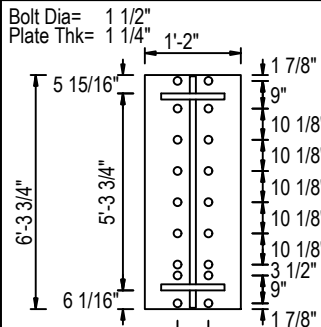
RIGID FRAME ELEVATION: FRAME LINE 2 3 6 7 11 12



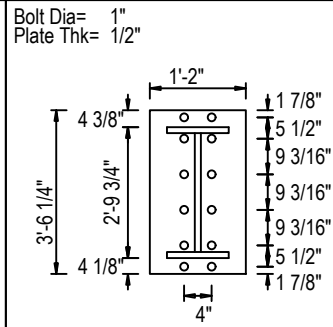
SP-1



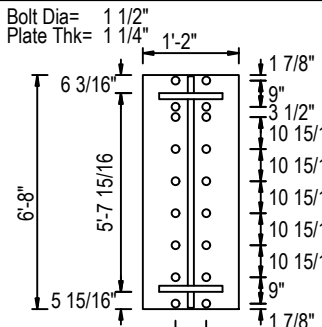
SP-2



SP-3



SP-4



SP-5

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ORDER #: 7883411

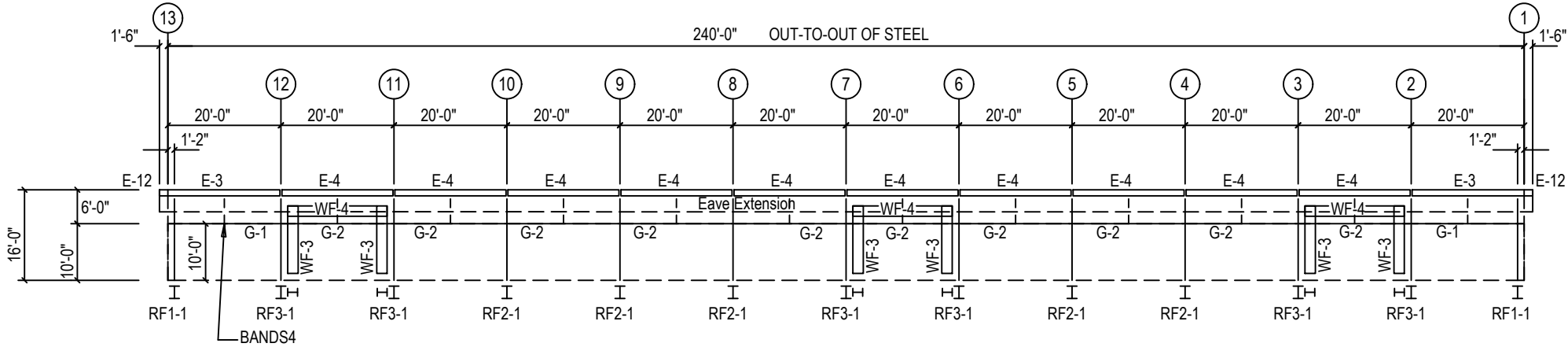
CUSTOMER #: 8625278

PROFESSIONAL SEAL

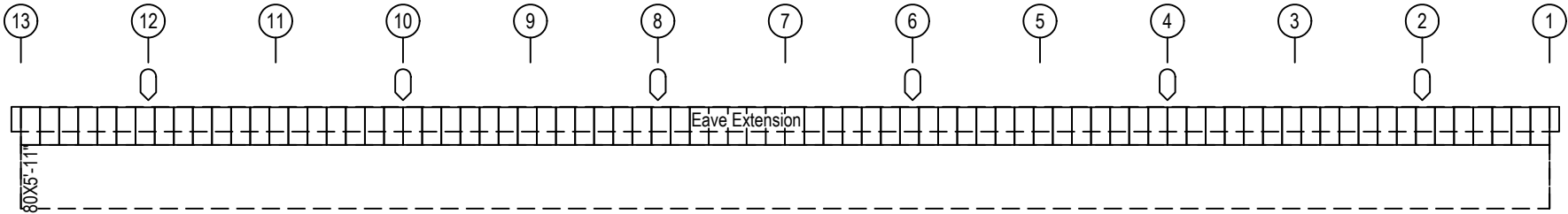
CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLON 550 S 8TH ST PAGOSA SPRINGS, CO 81147		CONTACT PHONE: 970-903-2394	STRUCTURE SKU #: 00426	STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"	SHEET TITLE: RIGID FRAME ELEVATION
CUSTOMER CONTACT: BRIAN COLLAPOLETTA					

DRAWING DETAILS				
DRAWN BY: PGE		CREATION DATE: 10/25/2024		
REVISIONS:				
NO.	BY:	DATE:	DESCRIPTION:	
1				
2				
3				
4				
NO SCALE			SHEET: E5	
SHEET SIZE: 11X17				

DOWNSPOUT LOCATIONS

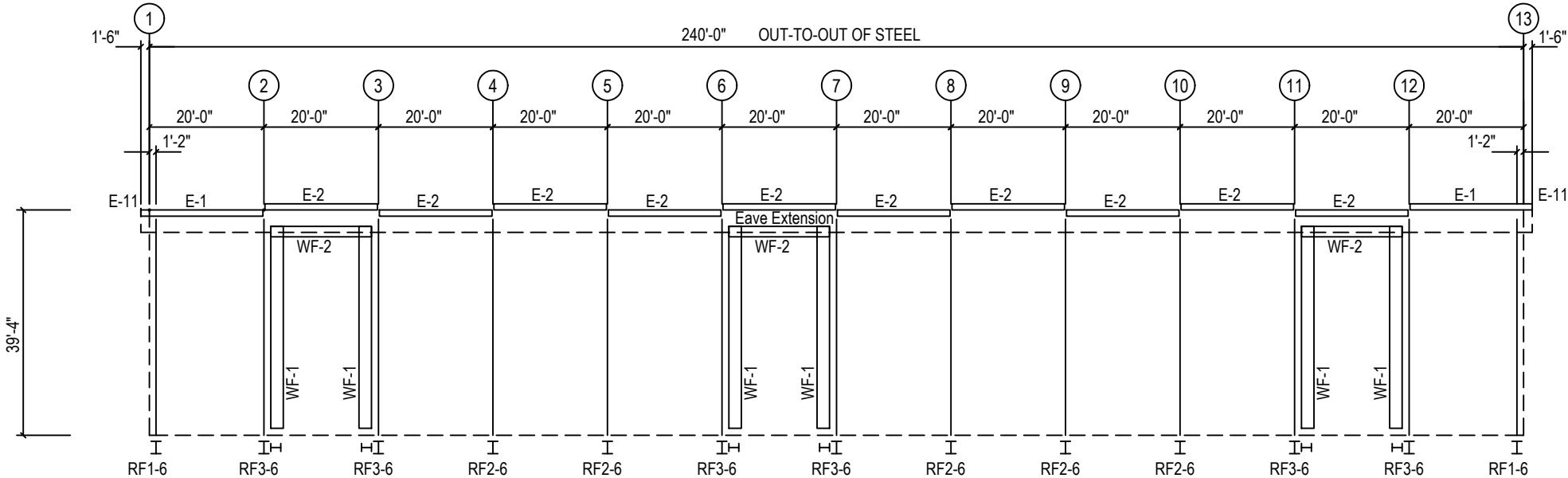


SIDEWALL FRAMING: FRAME LINE A

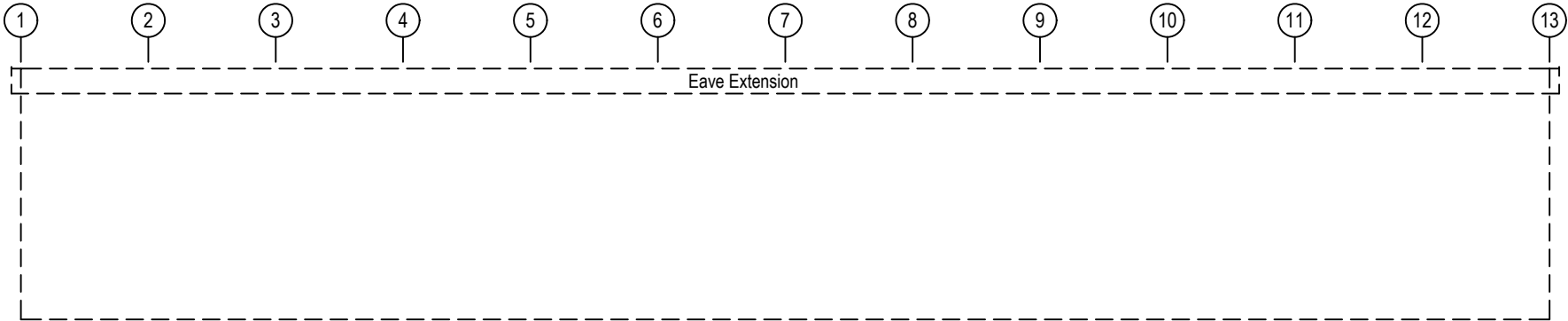


SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. RL



SIDEWALL FRAMING: FRAME LINE B



SIDEWALL SHEETING & TRIM: FRAME LINE B

BOLT TABLE FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-3 - WF-4	8	A325	3/4"	2 1/2"
WF-3 - RF3-1	12	A325	5/8"	1 3/4"

MEMBER TABLE FRAME LINE A	
MARK	PART
WF-3	W2284030
WF-4	W2284030
E-3	10532DU2
E-4	10532DU2
E-12	10532DU2
G-1	C82516
G-2	C82516

BOLT TABLE FRAME LINE B				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	1 1/4"	4"
WF-1 - RF3-6	26	A325	5/8"	1 3/4"

MEMBER TABLE FRAME LINE B	
MARK	PART
WF-1	W2606030
WF-2	W2286030
E-1	Z102512
E-2	Z102512
E-11	Z102512

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ORDER #: 7883411

CUSTOMER #: 8625278

PROFESSIONAL SEAL

CUSTOMER INFORMATION:

PAGOSA MULTI PURPOSE PAVILLON

550 S 8TH ST

PAGOSA SPRINGS, CO 81147

CUSTOMER CONTACT:

BRIAN COLLABOLETTA

CONTACT PHONE:

970-903-2394

STRUCTURE SKU #:

00426

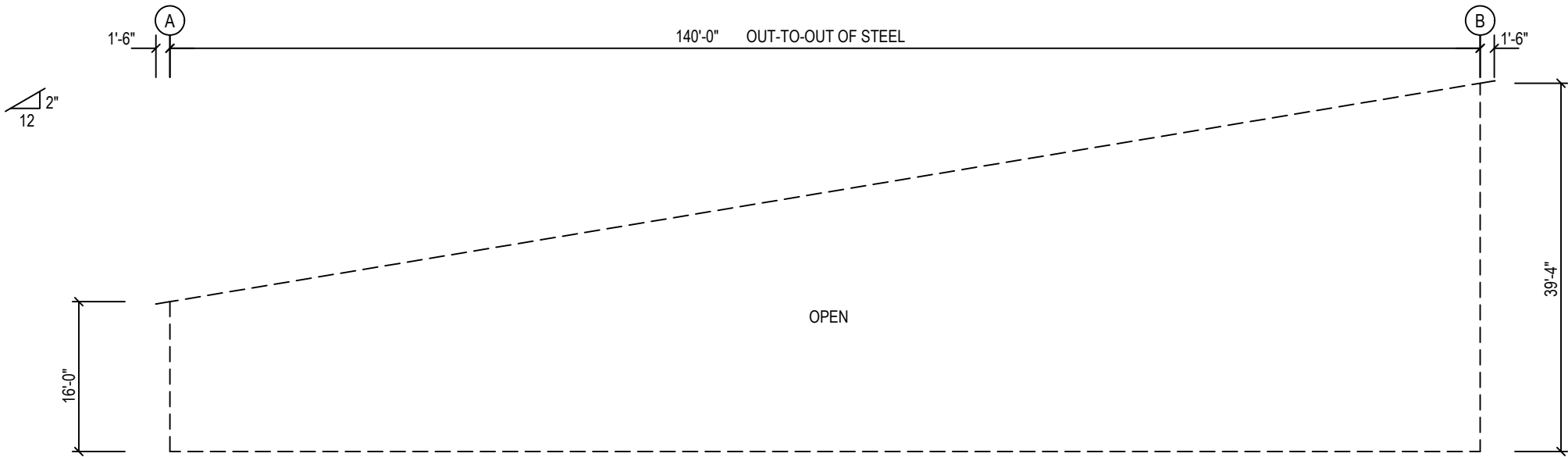
STRUCTURE SIZE:

140'-0" x 240'-0" x 13'-0"/39'-3"

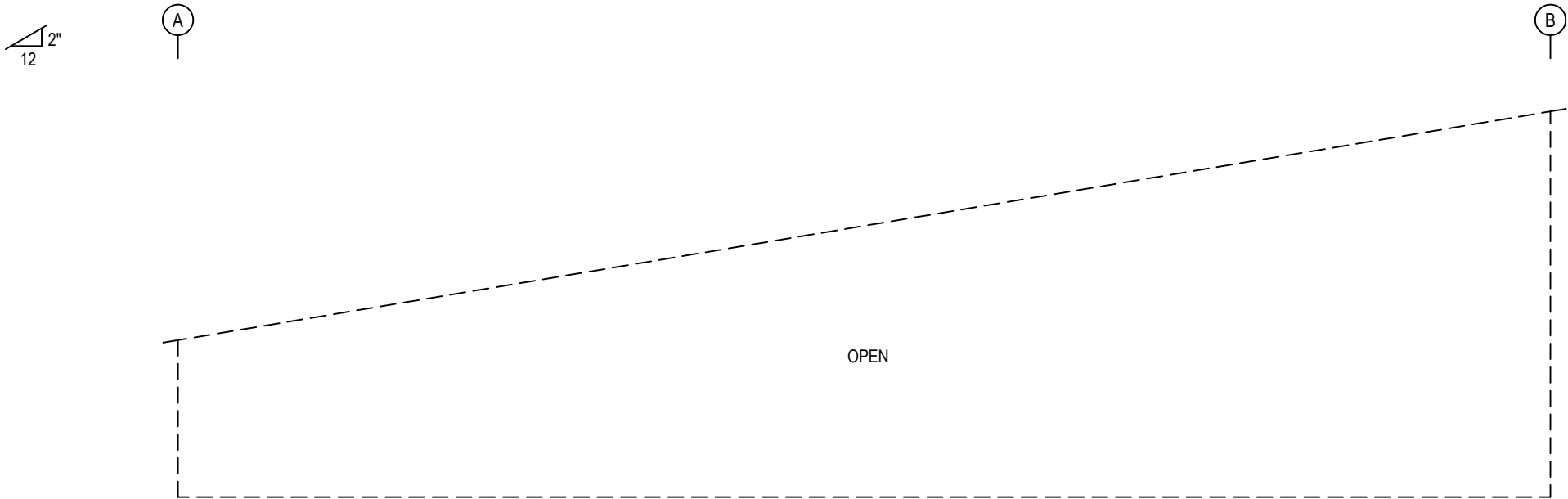
SHEET TITLE:

SIDEWALL ELEVATIONS

DRAWING DETAILS			
DRAWN BY: PGE		CREATION DATE: 10/25/2024	
REVISIONS:			
NO.	BY:	DATE:	DESCRIPTION:
1			
2			
3			
4			
NO SCALE			SHEET: E6
SHEET SIZE: 11X17			



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

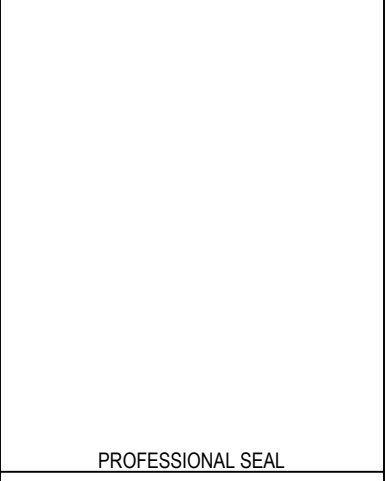
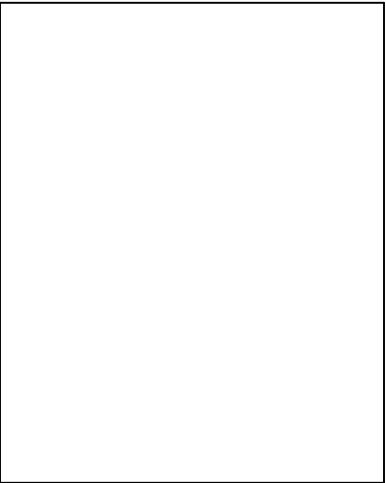
DEVELOPED BY:

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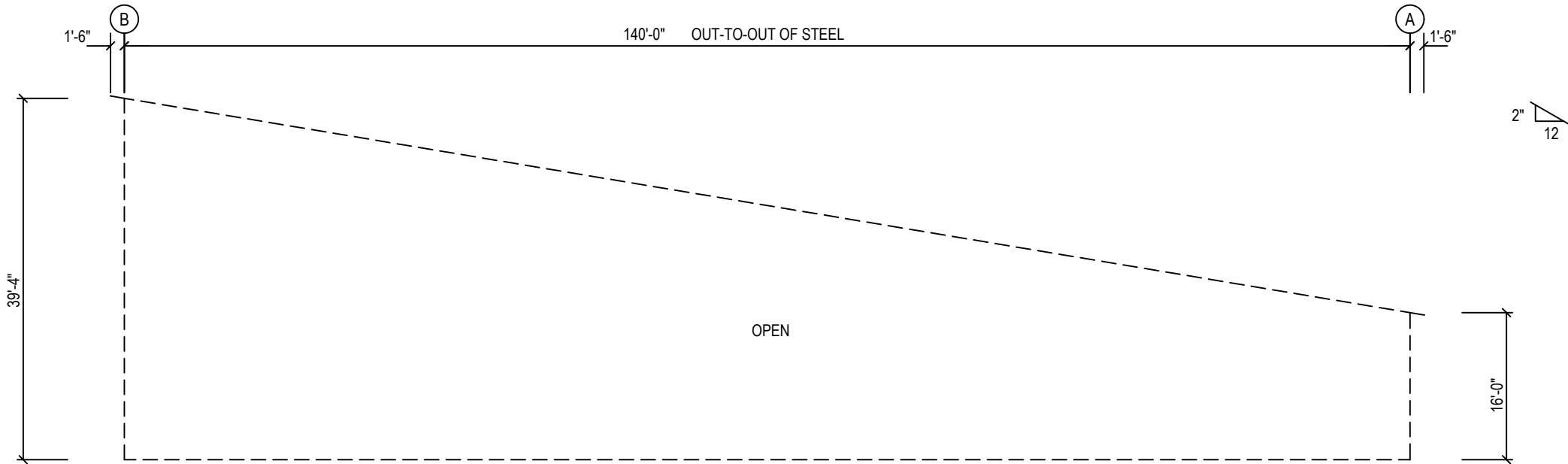
ORDER #: 7883411

CUSTOMER #: 8625278



CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLION 500 S 8TH ST PAGOSA SPRINGS, CO 81147		CONTACT PHONE: 970-903-2394	STRUCTURE SKU #: 00426	STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"	SHEET TITLE: ENDWALL ELEVATION
CUSTOMER CONTACT: BRIAN COLLABOLETTA					

DRAWING DETAILS				
DRAWN BY: PGE		CREATION DATE: 10/25/2024		
REVISIONS:				
NO.	BY:	DATE:	DESCRIPTION:	
1				
2				
3				
4				
NO SCALE			SHEET: E7	
SHEET SIZE: 11X17				



ENDWALL FRAMING: FRAME LINE 13



ENDWALL SHEETING & TRIM: FRAME LINE 13

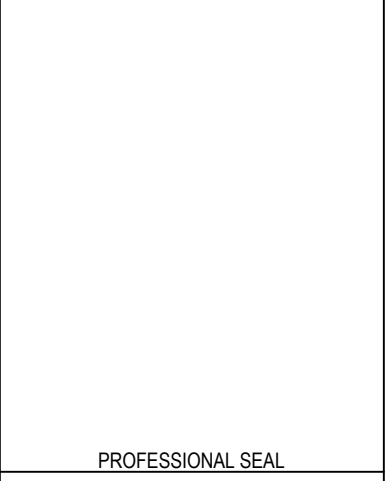
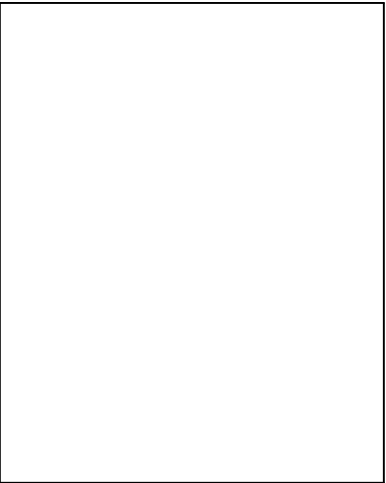
DEVELOPED BY:

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ORDER #: 7883411

CUSTOMER #: 8625278



CUSTOMER INFORMATION: PAGOSA MULTI PURPOSE PAVILLION 500 S 8TH ST PAGOSA SPRINGS, CO 81147		CONTACT PHONE: 970-903-2394
CUSTOMER CONTACT: BRIAN COLLABOLETTA	STRUCTURE SKU #: 00426	
STRUCTURE SIZE: 140'-0" x 240'-0" x 13'-0"/39'-3"		
SHEET TITLE: ENDWALL ELEVATION		

DRAWING DETAILS				
DRAWN BY: PGE		CREATION DATE: 10/25/2024		
REVISIONS:				
NO.	BY:	DATE:	DESCRIPTION:	
1				
2				
3				
4				
NO SCALE			SHEET: E8	
SHEET SIZE: 11X17				