

ERECTION NOTES

- All bracing shown and provided by the Metal Building Provider (MBP) for this building is required and shall be installed by the erector as a permanent part of the structure ("Code of Standard Practice for Steel Buildings" in the ANSI/AISC 303-16; Section 7.10).
- Temporary supports, such as guys, braces, falsework, cribbing or other elements required for the erection operation shall be determined and furnished by the erector ("Code of Standard Practice for Steel Buildings and Bridges " in the ANSI/AISC 303-16; Section 7.10.3).
- Normal erection operations include the correction of minor misfits by moderate amounts of reaming, grinding, welding or cutting, and the drawing of elements into line through use of drift pins. Errors which require major changes in the member configuration are to be reported immediately to the Metal Building Provider by the customer to enable whoever is responsible either to correct the error or to approve the most efficient and economic method of correction to be used by others ("Code of Standard Practice for Steel Buildings and Bridges "in the ANSI/AISC 303-16; Section 7.14).
- Erection tolerances are set forth in the "Code of Standard Practice for Steel Buildings and Bridges "in the ANSI/AISC 303-16; Section 7.13 note that individual members are considered plump, level and aligned if the deviation does not exceed 1:500. Variations in finished overall dimensions of structure steel framing are deemed within the limits of good practice when they do not exceed the cumulative effect of rolling, fabricating, and erection tolerances.
 - When crane support systems are part of the metal building system erection tolerances Section 6.8, Erection Tolerances, 2018 MBMA Metal Building Systems manual shall apply. To achieve the required tolerances grouting of the columns and shimming of the runway beams may be required. The customer shall provide grout if required. The contractor erecting the runway beams is responsible for shimming, plumbing, and leveling of the runway system. When aligning the runway beams the alignment shall be with respect to the beam webs so that the center of the aligned rail is over the runway web.
 - As a general rule field welding is not used to assemble a metal building system. In cases where the drawings indicate field welding and in cases where approved corrections are to be made by field welding the following requirements shall be met;
 - welders must be qualified by an independent testing agency, with suitable documentation to AWS D1.1 Structural Welding Code – Steel or AWS D1.3 Structural Welding Code – Sheet as applicable, for the processes, positions, and materials involved.
 - All welds must be made in conformance to a documented and approved Welding Procedure Specification (WPS). All joints which are not prequalified must be supported by a certified Procedure Qualification Record (PQR) by an independent testing agency.
 - All documentation and records shall be the responsibility of the customer.
 - Any claims or shortages by buyer must be made to the Metal Building Provider within seven (7) working days after delivery, or such claims will be considered to have been waived by the customer and disallowed. All claims should be directed to the Metal Building Provider's Customer Service Department.
 - Claims for correction of alleged misfits will be disallowed unless the Metal Building Provider shall have received prior notice thereof and allowed reasonable inspection of such misfits. Ordinary inaccuracies of shop work shall not be construed as misfits. No part of the building may be returned or charges assessed for alleged misfits without prior approval from the Metal Building Provider.
 - Neither the Metal Building Provider nor the customer will cut, drill or otherwise alter their work, or the work of other trades to accommodate other trades unless such work is clearly specified in the contract documents. Whenever such work is specified the customer is responsible for furnishing complete information as to materials, size, location, and number of alterations prior to preparation of shop drawings ("Code of Standard Practice for Steel Buildings and Bridges "in the ANSI/AISC 303-16, Section 7.15).
- The Metal Building Provider Field Modifications Policy:
 - The Metal Building Provider will only be responsible for the field-modified parts designed and approved by the Metal Building Provider's Customer Service Department.
 - Any field modifications designed by third parties may not be approved by the Metal Building Provider and may limit the Metal Building Provider's warranty and liability.
 - The Metal Building Provider makes no warranty and hereby disclaims any responsibility with respect to the design, engineering, or construction of any field-modified parts performed by third parties.
- WARNING – SOME PANELS AND TRIM PARTS ARE FURNISHED WITH A PROTECTIVE PEEL-OFF FILM. PARTS PROVIDED WITH THIS FILM CANNOT BE EXPOSED TO SUNLIGHT WITHOUT FIRST REMOVING THE FILM. THIS FILM MUST BE REMOVED PRIOR TO INSTALLATION. FILM MUST ALSO BE REMOVED FROM ALL NON EXPOSED PARTS WITHIN SIX MONTHS FROM FILM APPLICATION OR IRREPARABLE DAMAGE WILL OCCUR TO THE SURFACE CLAIMS WILL NOT BE ACCEPTED FOR THIS ISSUE.**

RESPONSIBILITIES

- The Metal Building Provider Customer, hereafter referred to as the "customer," obtains and pays for all building permits, licenses, public assessments, paving or utility pro rata, utility connections, occupancy fees and other fees required by any governmental authority or utility in connection with the work provided for in the Contract Documents. The customer provides at his expense all plans and specifications required to obtain a building permit. It is the customer's responsibility to ensure that all plans and specifications comply with the applicable requirements of any governing building authorities.
- The customer is responsible for identifying all applicable building codes, zoning codes, or other regulations applicable to the Construction Project, including the Metal Building system.
- It is the responsibility of the customer to interpret all aspects of the End User's specifications and incorporate the appropriate specifications, design criteria, and design loads into the Order Documents submitted to the Metal Building Provider.
- It is the responsibility of the Metal Building Provider to furnish the metal building system to meet the specifications including the design criteria and design loads incorporated by the Contractor into the Order Documents. The Metal Building Provider is not responsible for making an independent determination of any local codes or any other requirements not part of the Order Document.
- The Metal Building Provider's standard specifications apply unless stipulated otherwise in the Contract Documents. The Metal Building Provider design, fabrication, quality criteria, standards, practice, methods and tolerances shall govern the work any other interpretations to the contrary not with standing, it is understood by both parties that the customer is responsible for clarifications of inclusions or exclusions from the Architectural plans.
- In case of discrepancies between the Metal Building Provider's structural steel plans and plans for other trades, the Metal Building Provider's shall govern ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC 303-16; Section 3.3).
- The customer is responsible for overall project coordination. All interface, compatibility and design considerations concerning any materials not furnished by the Metal Building Provider and the Metal Building Provider's steel system are to be considered and coordinated by the customer. Specific design criteria concerning this interface between materials must be furnished by the customer before release for fabrication or the Metal Building Provider's assumptions will govern.
- Foundations, anchor rods, and anchor rod embedment are designed, furnished, and set by the customer in accordance with an approved drawing. Dimensional accuracy shall satisfy the requirements of Section 7.5 1 of "Code of Standard Practice for Steel Buildings and Bridges" in the AISC 303-16.
- All other embedded items or connection materials between the structural steel and the work of other trades are located and set by the customer in accordance with approved location on erection drawings. Accuracy of these items must satisfy the erection tolerance requirements.
- The Metal Building Provider does not investigate the influence of the metal building system on existing buildings or structures. The End Customer assures that such buildings and structures are adequate to resist snow drifts, wind loads, or other conditions as a result of the presence of the metal building system.

GENERAL SPECIFICATIONS

- Wall and liner panels are an integral part of the structural system. Unauthorized removal of panels or cutting panels for framed openings not shown is prohibited.
- Oil-canning, a perceived waviness inherent to light gauge metal, may exist. This condition does not affect the structural integrity or the finish of the panel, and therefore is not a cause for rejection.
- The Metal Building Provider's red-oxide and gray-oxide primer are designed for short term field protection from exposure to ordinary atmospheric conditions. Primed steel which is stored in the field pending erection should be kept free of the ground, and so positioned as to minimize water-holding pockets, dust, mud, and other contamination of the primer film. Repairs of damage to primed surfaces and/or removal of foreign material due to transportation (e.g. road salt, de-icing chemicals and other substances encountered during transportation that may accelerate deterioration of the primer or corrosion of the underlying steel), improper field storage, or site conditions are not the responsibility of the Metal Building Provider. (MBMA, 2018 MBSM, Section 4.2.4)
- All bolts are 1/2" x 1-1/4" A307 unless noted. Refer to the erection drawings for specific framing connections and the cross-section(s) for main frame connections.
- Unless noted otherwise on the frame cross section(s), all bolted joints with ASTM F3125 Grade A325 bolts are specified as snug-tightened joints in accordance with the specification for Structural Joints Using High-Strength Bolts, June 11, 2020. Installation inspection requirements for Snug-Tight Bolts (Specification for Structural Joints, Section 9.1) is suggested.
- Unless noted otherwise, all bolted connections are designed as bearing type connections with bolt threads not excluded from the shear plane.
- Any type of suspended or load inducing system(s) is prohibited if zero collateral and zero sprinkler loads are designated on the contract. This would include lights, duct work, piping, and insulation types other than 3" standard duty fiberglass blanket insulation, etc.

BUILDING DESIGN CODES

Building Code: IBC 21
 Hot-rolled version: AISC 360-16
 Cold-formed version: ASIS 5100-16

GENERAL LOADS

Dead Load: 2.00 psf
 Roof Collateral Load: 1.00 psf (Misc.)
 Roof Live Load: 20.00 psf
 Tributary Live Load Reduction: YES
 Rainfall Intensity: 4.00 in/hr (5-minute duration, 5-year recurrence)

WIND LOAD

Wind Speed (3-sec gust) Vult: 115 mph
 Vasd: 89 mph
 V service: 75 mph
 Exposure Factor: B
 Wind Condition: Enclosed
 Internal Pressure Coefficient: +/- 0.18
 Edge Zone Width: 11.40 Ft

SNOW LOAD

Ground Snow Load: 5.00 psf
 Roof Snow Load: 3.50 psf
 Importance Factor: 1.00
 Exposure Factor: 1.00
 Thermal Factor: 1.00
 Slope Factor: 1.00

DEFLECTION CRITERIA

ENDWALL COLUMN : H/120 WIND FRAMING (WIND) : L/60
 ENDWALL RAFTER (LIVE) : L/180 WIND FRAMING (SEISMIC) : L/50
 ENDWALL RAFTER (WIND) : L/180
 WALL GIRTS : L/90
 ROOF PURLIN (LIVE) : L/180
 ROOF PURLIN (WIND) : L/180 ROOF PURLIN (TOTAL) : L/120
 WALL PANEL : L/60 ENDWALL RAFTER (TOTAL) : L/120
 ROOF PANEL (LIVE) : L/60 RIGID FRAME (TOTAL) : L/120
 ROOF PANEL (WIND) : L/60
 RIGID FRAME (HORZ) : H/60
 RIGID FRAME (LIVE) : L/180
 RIGID FRAME (WIND) : L/180
 RIGID FRAME (SEISMIC) : L/50
 RIGID FRAME (CRANE) : L/100

For components, claddings and MWFRS, deflections involving wind are based on 10 year serviceability wind pressures.

SEISMIC LOAD

Risk Category: II - Normal
 Seismic Importance Factor: 1.0000
 Structural Response Acceleration (Ss): 0.2920
 Structural Response Acceleration (S1): 0.0960
 Site Class: D - default
 Design Spectral Response (Sds): 0.3049
 Design Spectral Response (Sd1): 0.1536
 Seismic Design Category: C

Framing Direction: Lateral Longitudinal
 Structural Syst: *Structural Steel Systems Not Specifically Detailed for Seismic Resistance*

Response Modification Factor: 3.0 3.0
 Deflection Amplification: 3.0 3.0
 Seismic Response Coefficient (Cs): 0.1017 0.1017
 Design Base Shear V(KIPS): 4.05 4.02
 Analysis Procedure: Equivalent Lateral Force

ROOF PANEL

Profile: Super Span X Gauge: 26 Color: Galvalume Plus
 UL580 Class 90: Yes
 Clip Type if Standing Seam: NO

WALL PANEL

Profile: Super Span X Gauge: 26 Color: SMP Steel Gray

PRIMARY FRAMING

Built-Up & Hot-Rolled: Gray Oxide Primer

SECONDARY FRAMING

Purlins, Eave Struts: Pre-Galvanized
 Girts, Light Gage Columns: Pre-Galvanized
 Light Gage Jamb & Headers: Pre-Galvanized
 Base Angle Finish: Pre-Galvanized

Hot-Dip Galvanizing conforms to the ASTM A123 specification.
 Pre-Galvanized members conform to the ASTM A653, Grade 50,
 Coating G-90 specification.

APPROVAL SPECIFICATIONS

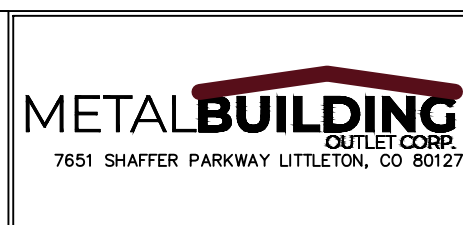
- Approval of the Metal Building Provider drawings and/or calculations indicate that the Metal Building Provider has correctly interpreted the contact requirements. This approval constitutes the customer acceptance of the Metal Building Provider design, concepts, assumptions, and loadings.
- Failure to respond to clouded areas and areas to verify may result in additional costs and/or schedule delays for which the Metal Building Provider will not be responsible.
- Any changes made after the Metal Building Provider's customer has signed and returned the Metal Building Provider drawings and/or calculations and the project is released for fabrication shall be billed to the Metal Building Provider customer including material, engineering, and other costs. An additional fee may be charged if the project must be moved in the fabrication and/or the shipping schedule.
- It is the responsibility of the customer to field verify all existing conditions prior to fabrication.
- It is imperative that any changes to these drawings:
 - Be made in contrasting ink.
 - Be legible and unambiguous.
 - Have all instances of changes clearly indicated.
- A dated signature, in the designated areas, is required on all pages. The signature must be from the person authorized on the contract or a person authorized, in writing, by the Metal Building Provider customer.
- The Metal Building Provider reserves the right to resubmit drawings with extensive or complex changes required to avoid misfabrication. This may impact the delivery schedule.
- Any changes noted on the drawings not in conformance with the terms and requirements of the contract between the Metal Building Provider and its customer are not binding on the Metal Building Provider unless subsequently acknowledged and agreed to in writing by change order or separate documentation.
- Waiving the approval process by designating the order "For Production" supercedes notes 1,2,5,6, and 8 in this section, and constitutes the customer acceptance of the Metal Building Provider's design, concepts, assumptions, and loadings.

DRAWING SCHEDULE

DWG NO.	ISSUE	DATE	DESCRIPTION
C1	P1	11.03.25	COVER SHEET
F1	0	11.03.25	ANCHOR BOLT PLAN
F2	0	11.03.25	ANCHOR BOLT DETAILS
F3	0	11.03.25	ANCHOR BOLT REACTIONS
P1	P1	11.03.25	RIGID FRAME ELEVATION
P2	P1	11.03.25	RIGID FRAME ELEVATION
E1	P1	11.03.25	ROOF FRAMING PLAN
E2	P1	11.03.25	ROOF SHEETING PLAN
E3	P1	11.03.25	ENDWALL FRAME & SHEETING ELEVATION
E4	P1	11.03.25	ENDWALL FRAME & SHEETING ELEVATION
E5	P1	11.03.25	SIDEWALL FRAME & SHEETING ELEVATION
E6	P1	11.03.25	SIDEWALL FRAME & SHEETING ELEVATION
E7	P1	11.03.25	BUILDING SECTIONS
D1	P1	11.03.25	STANDARD DETAIL PAGE
D2	P1	11.03.25	STANDARD DETAIL PAGE
D3	P1	11.03.25	STANDARD DETAIL PAGE

TRIM COLOR:		
SHADOW EAVE: SMP BLACK	GAUGE: 26	
SHADOW RAKE: SMP BLACK	GAUGE: 26	
CORNER: SMP BLACK	GAUGE: 26	
ACCESSORY: SMP BLACK	GAUGE: 26	
FL-72 BASE: SMP BLACK	GAUGE: 26	

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 FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
 FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

SHEET DESCRIPTION: COVER SHEET BLDG SIZE: 50'-0" X 120'-0" X 19'-0"
 CUSTOMER: LS3 ENDEAVORS LLC CUSTOMER LOCATION: EL PASO, TX 79928
 PROJECT REFERENCE: LS3 ENDEAVORS LLC
 JOBSITE LOCATION: EL PASO, TX 79928 JOBSITE COUNTY: EL PASO
 DWN: PND CHK: PNC DATE: 11.03.25 ENG: MKV JOB NO: 14969-38574 DWG NO: C1 ISSUE: P1

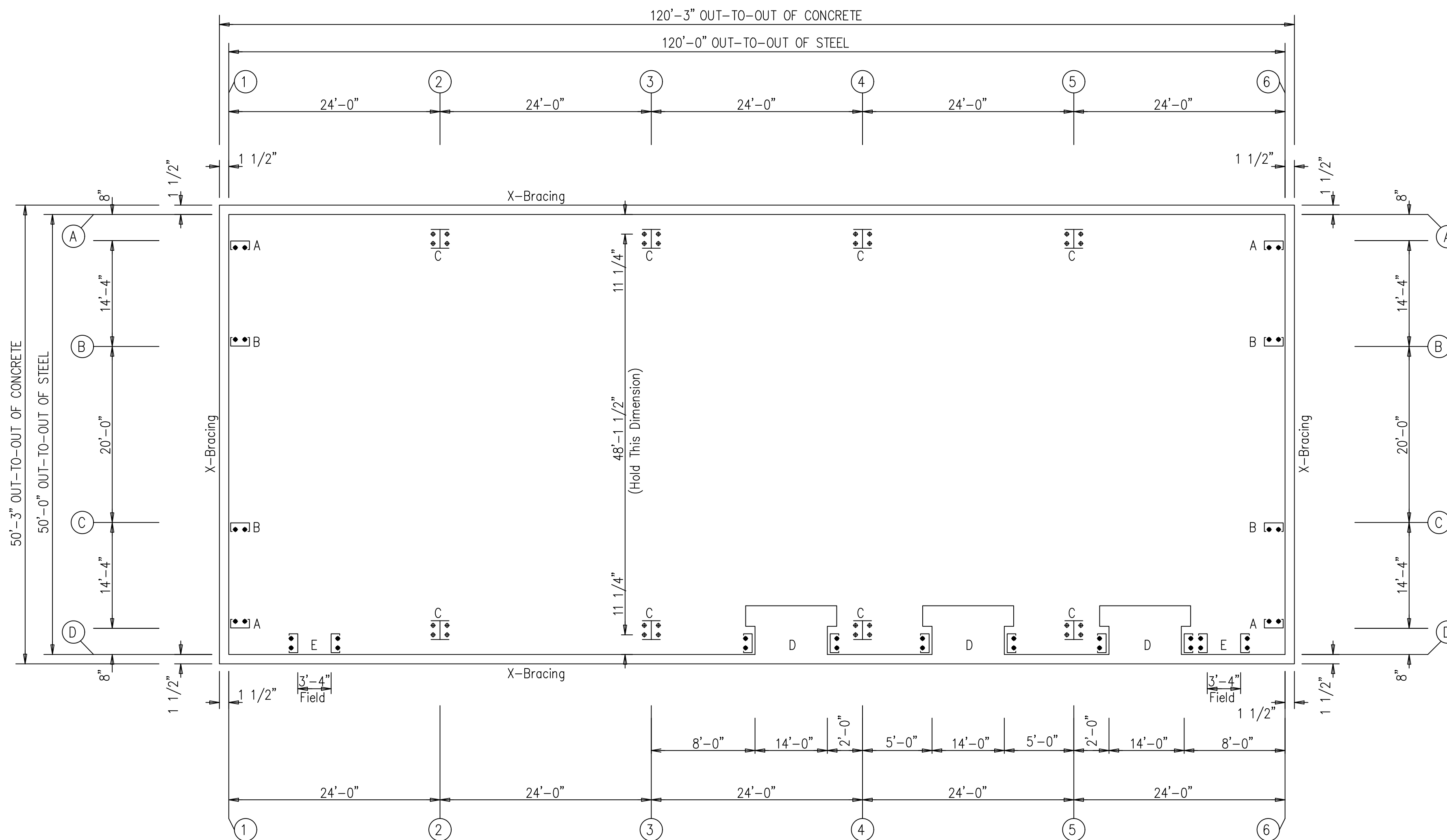
The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

11/4/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

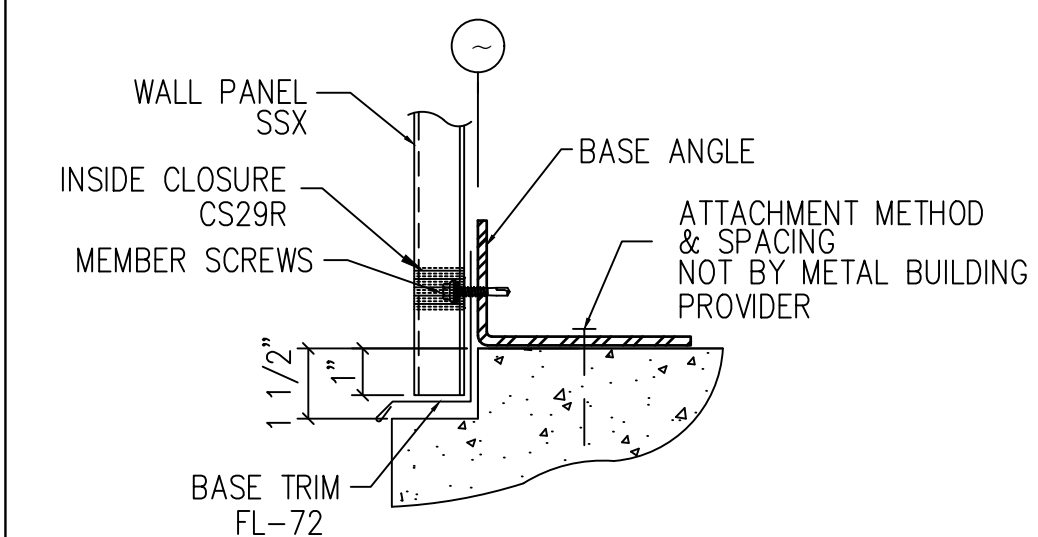
● Dia= 5/8"

⊕ Dia= 3/4"



ANCHOR BOLT PLAN
 NOTE: All Base Plates @ Finished Floor (U.N.)

HORIZONTAL LEG OF RECESS MUST REMAIN FLAT OR SLOPED AWAY FROM THE BUILDING. NOTCH AREA INDICATES A RECESS FOR METAL WALL PANELS. PANELS MUST NOT TOUCH THE BOTTOM OF THE RECESS, WHICH WILL VOID THE WARRANTY.

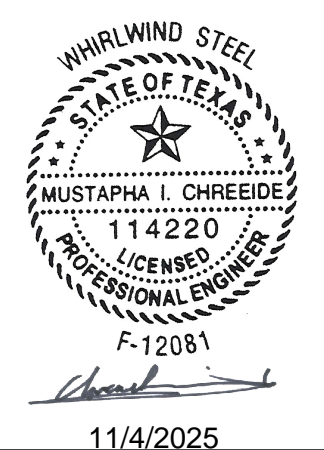


BASE TRIM W/ BASE ANGLE CONDITION WITH RECESS

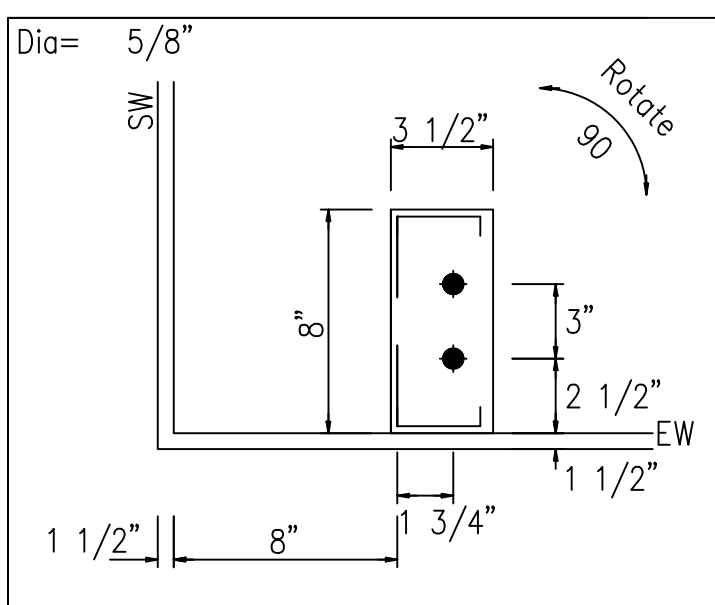
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METALBUILDING
 OUTLET CORP.
 7651 SHAFFER PARKWAY LITTLETON, CO 80127

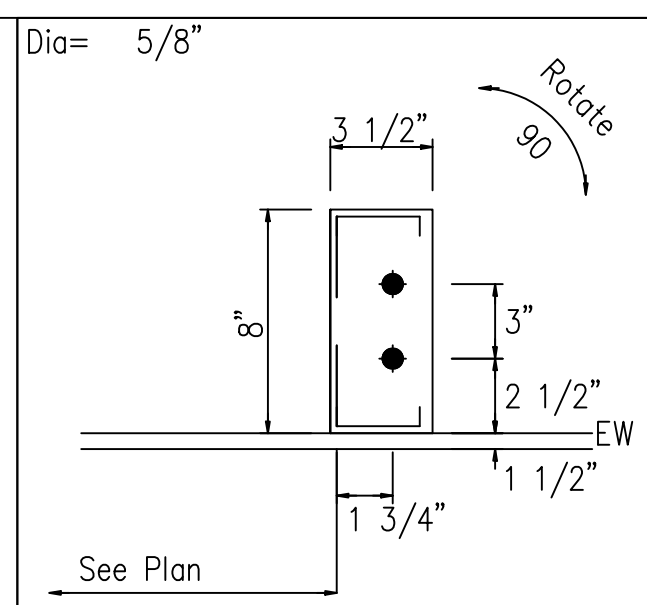
ISSUE	DATE	DESCRIPTION	BY	CHK	CHK	SHEET DESCRIPTION:	BLDG SIZE:
0	11.03.25	FOR ERECTOR INSTALLATION	PND	PNC		ANCHOR BOLT PLAN	50'-0" X 120'-0" X 19'-0"
CUSTOMER:							CUSTOMER LOCATION:
LS3 ENDEAVORS LLC							EL PASO, TX 79928
PROJECT REFERENCE:							
LS3 ENDEAVORS LLC							
JOBSITE LOCATION:							JOBSITE COUNTY:
EL PASO, TX 79928							EL PASO
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:	
PND	PNC	11.03.25	MVK	14969-38574	F1	0	



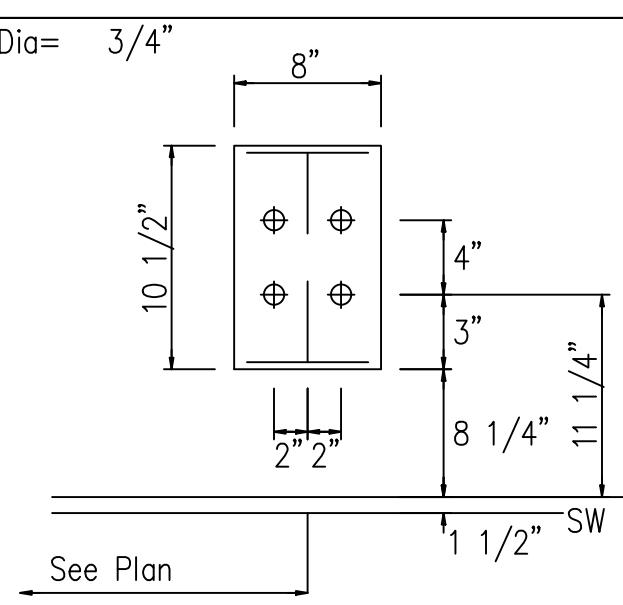
● Dia= 5/8"
 ⊕ Dia= 3/4"



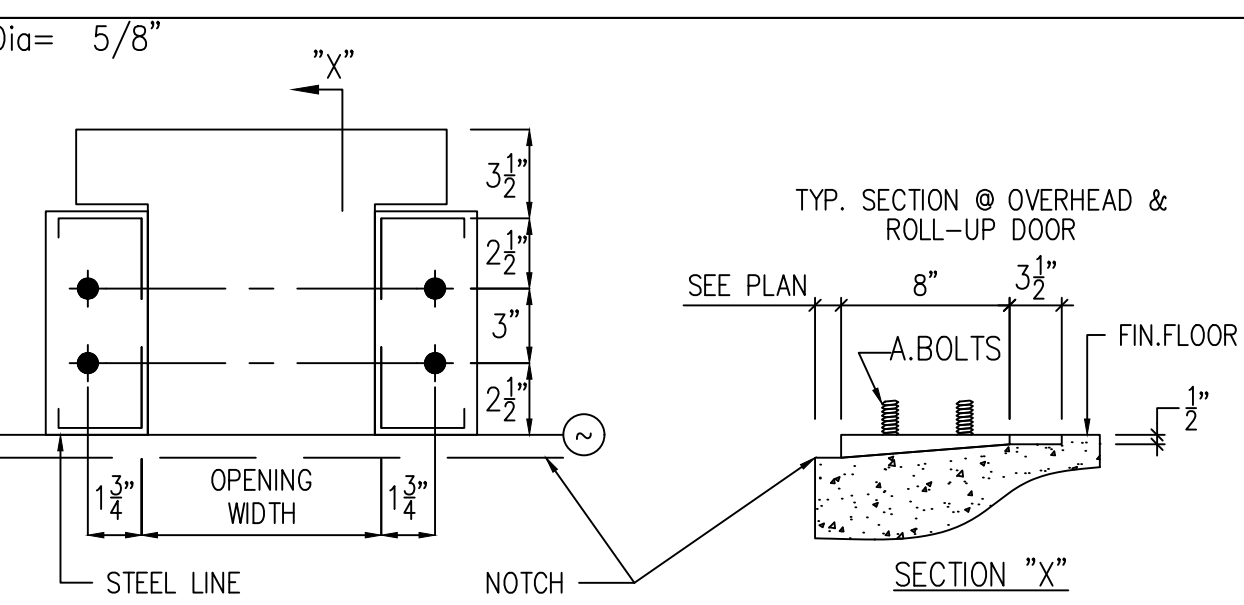
DETAIL A



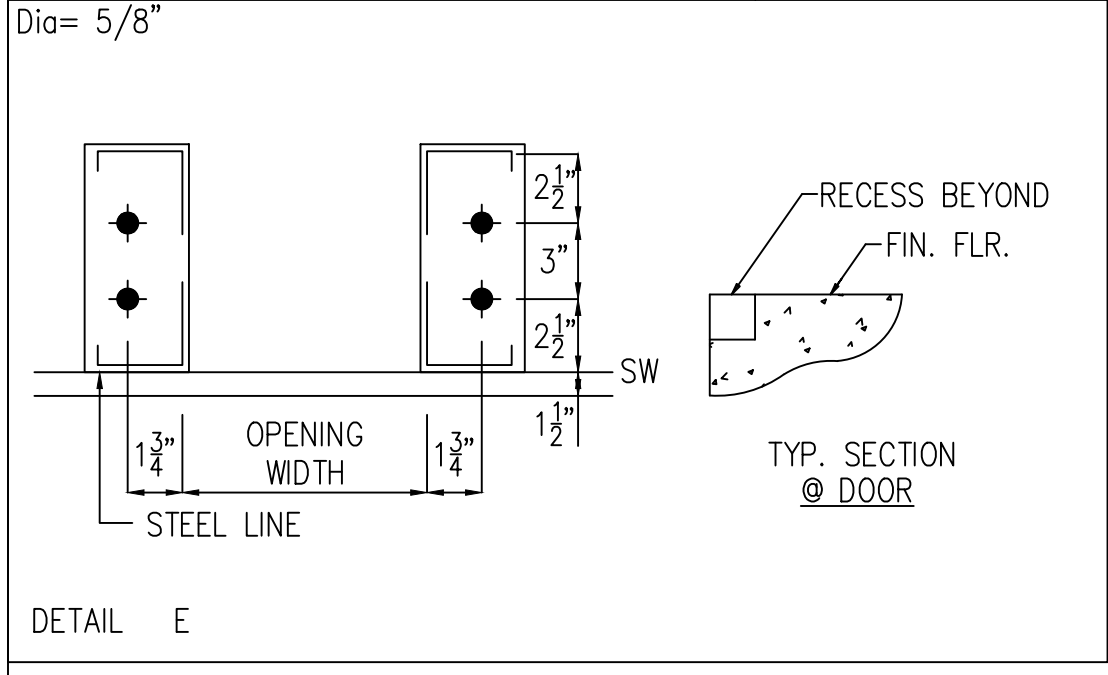
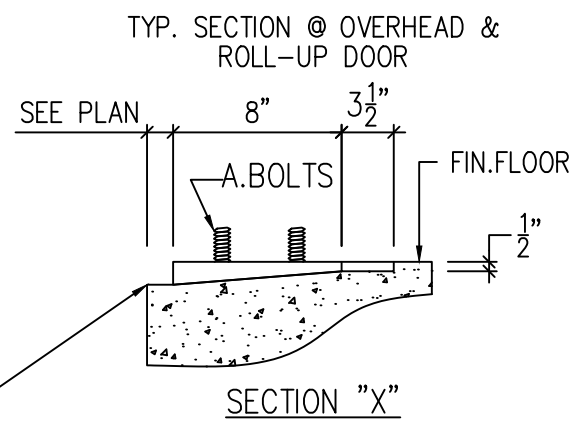
DETAIL B



DETAIL C



DETAIL D



DETAIL E

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ISSUE	DATE	DESCRIPTION	BY	CHK
0	11.03.25	FOR ERECTOR INSTALLATION	PND	PNC

SHEET DESCRIPTION: ANCHOR BOLT DETAILS		BLDG SIZE: 50'-0" X 120'-0" X 19'-0"	
CUSTOMER: LS3 ENDEAVORS LLC		CUSTOMER LOCATION: EL PASO, TX 79928	
PROJECT REFERENCE: LS3 ENDEAVORS LLC			
JOB SITE LOCATION: EL PASO, TX 79928		JOB SITE COUNTY: EL PASO	
DWN: PND	CHK: PNC	DATE: 11.03.25	ENG: MKV
JOB NO: 14969-38574	DWG NO: F2	ISSUE: 0	

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11/4/2025

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind Press Horz
1	A	0.2	0.1	1.4	0.2	0.0	-1.3	0.0	-0.9	0.0	-0.8	0.0	-0.3	-1.1
1	B	0.7	0.2	4.7	0.8	-2.0	-6.4	0.0	-0.9	-1.8	-4.8	0.0	0.3	-2.6
1	C	0.7	0.2	4.7	0.8	0.0	-6.4	2.0	-6.4	0.0	0.3	1.8	-4.8	-2.6
1	D	0.2	0.1	1.4	0.2	0.0	-0.9	0.0	-1.3	0.0	-0.3	0.0	-0.8	-1.1

Frm Line	Col Line	Wind Suct Horz	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seis_Left Horz	Seis_Left Vert	Seis_Right Horz	Seis_Right Vert	Seis Long Horz	Seis Long Vert	-MIN_SNOW- Horz	-MIN_SNOW- Vert
1	A	1.2	0.0	-1.5	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1	B	2.7	0.0	-4.1	-0.2	-3.0	-0.5	-0.5	0.0	0.5	0.0	0.0	0.0	1.2
1	C	2.7	0.2	-3.0	0.0	-4.1	0.0	0.5	0.5	-0.5	0.0	0.0	0.0	1.2
1	D	1.2	0.0	-0.9	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3

Frm Line	Col Line	E1UNB_SL_L- Horz	E1UNB_SL_L- Vert	E1UNB_SL_R- Horz	E1UNB_SL_R- Vert
1	A	0.0	0.2	0.0	0.0
1	B	0.0	1.1	0.0	0.4
1	C	0.0	0.4	0.0	1.1
1	D	0.0	0.0	0.0	0.2

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind Press Horz
6	D	0.2	0.1	1.4	0.2	0.0	-1.3	0.0	-0.9	0.0	-0.8	0.0	-0.3	-1.1
6	C	0.7	0.2	4.7	0.8	-2.0	-6.4	0.0	-0.9	-1.8	-4.8	0.0	0.3	-2.6
6	B	0.7	0.2	4.7	0.8	0.0	-6.4	2.0	-6.4	0.0	0.3	1.8	-4.8	-2.6
6	A	0.2	0.1	1.4	0.2	0.0	-0.9	0.0	-1.3	0.0	-0.3	0.0	-0.8	-1.1

Frm Line	Col Line	Wind Suct Horz	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seis_Left Horz	Seis_Left Vert	Seis_Right Horz	Seis_Right Vert	Seis Long Horz	Seis Long Vert	-MIN_SNOW- Horz	-MIN_SNOW- Vert
6	D	1.2	0.0	-1.5	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
6	C	2.7	0.0	-4.1	-0.2	-3.0	-0.5	-0.5	0.0	0.5	0.0	0.0	0.0	1.2
6	B	2.7	0.2	-3.0	0.0	-4.1	0.0	0.5	0.5	-0.5	0.0	0.0	0.0	1.2
6	A	1.2	0.0	-0.9	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3

Frm Line	Col Line	E2UNB_SL_L- Horz	E2UNB_SL_L- Vert	E2UNB_SL_R- Horz	E2UNB_SL_R- Vert
6	D	0.0	0.2	0.0	0.0
6	C	0.0	1.1	0.0	0.4
6	B	0.0	0.4	0.0	1.1
6	A	0.0	0.0	0.0	0.2

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax H	Vmax V	Load Id	Hmin H	Vmin V	Bolt Qty	Bolt Dia	Base_Plate Width	Base_Plate Length	Thick	Elev. (in)
1	A	8	0.7	-0.8	9	-0.7	-0.8	2	0.625	3.500	8.000	0.250	0.0
1	B	10	1.6	-3.5	9	-1.6	-2.0	2	0.625	3.500	8.000	0.250	0.0
1	C	11	1.6	-3.5	12	-1.6	-2.0	2	0.625	3.500	8.000	0.250	0.0
1	D	13	0.7	-0.8	12	-0.7	-0.8	2	0.625	3.500	8.000	0.250	0.0
6	D	8	0.7	-0.8	9	-0.7	-0.8	2	0.625	3.500	8.000	0.250	0.0
6	C	10	1.6	-3.5	9	-1.6	-2.0	2	0.625	3.500	8.000	0.250	0.0
6	B	11	1.6	-3.5	12	-1.6	-2.0	2	0.625	3.500	8.000	0.250	0.0
6	A	13	0.7	-0.8	12	-0.7	-0.8	2	0.625	3.500	8.000	0.250	0.0

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

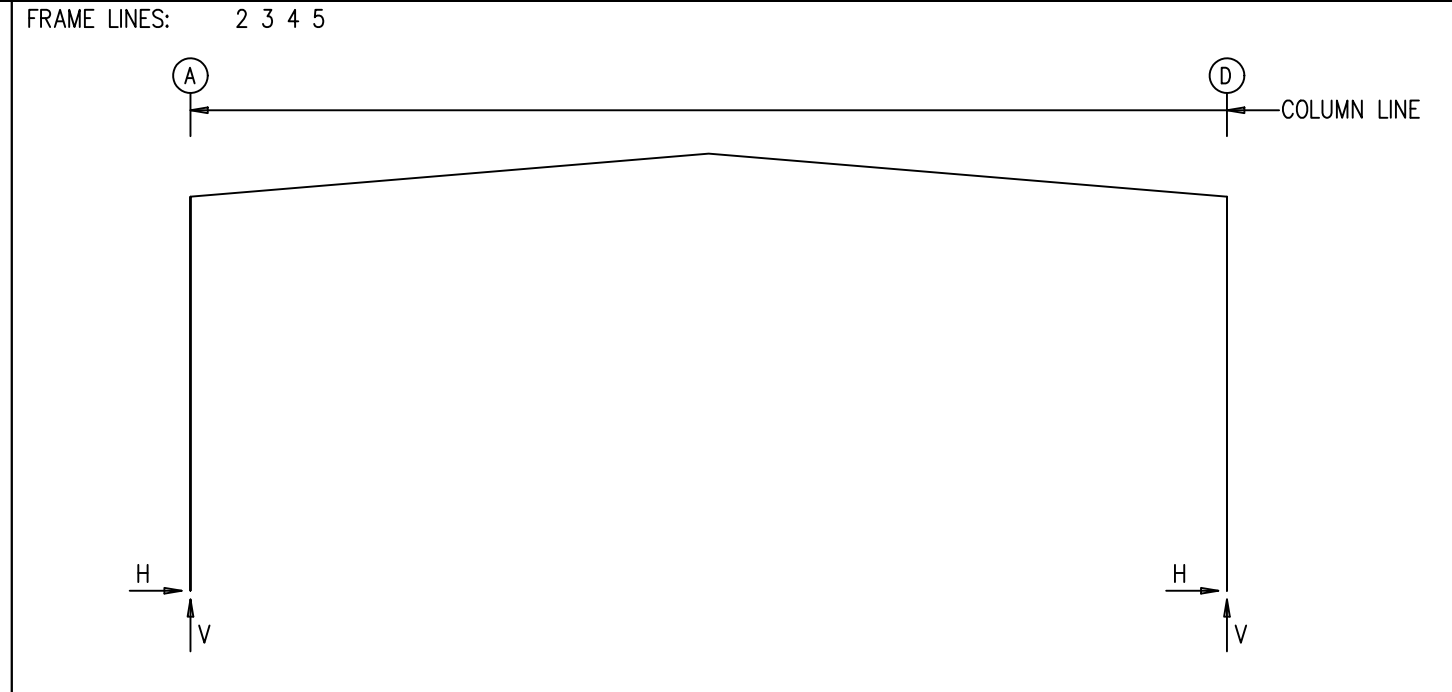
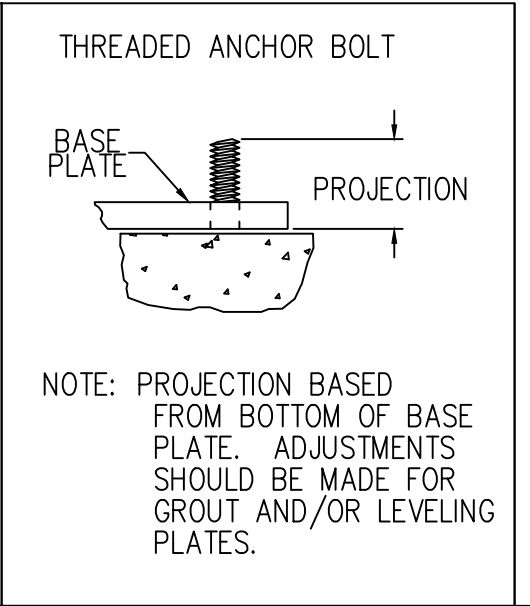
Frm Line	Col Line	Load Id	Hmax H	Vmax V	Load Id	Hmin H	Vmin V	Bolt Qty	Bolt Dia	Base_Plate Width	Base_Plate Length	Thick	Elev. (in)
2*	A	1	3.7	9.6	4	-3.7	-2.9	4	0.750	8.000	10.50	0.375	0.0
2*	D	5	3.7	-2.9	1	0.1	-6.3	4	0.750	8.000	10.50	0.375	0.0
2*	D	1	-3.7	9.6	7	-0.1	-6.3	4	0.750	8.000	10.50	0.375	0.0
2*	Frame lines:	2	3										

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax H	Vmax V	Load Id	Hmin H	Vmin V	Bolt Qty	Bolt Dia	Base_Plate Width	Base_Plate Length	Thick	Elev. (in)
4*	A	1	3.7	9.6	4	-3.7	-2.9	4	0.750	8.000	10.50	0.375	0.0
4*	D	5	3.7	-2.9	1	-3.6	-5.5	4	0.750	8.000	10.50	0.375	0.0
4*	D	1	-3.7	9.6	3	3.6	-5.5	4	0.750	8.000	10.50	0.375	0.0
4*	Frame lines:	4	5										

GENERAL NOTES

- All anchor bolts (by others) to have nuts and flat washers.
- All anchor bolts are designed to full S.A.E. diameters with cut threads. No substitutions are allowed.
- The Metal Building Provider is not responsible for the design, materials and workmanship of the foundation. Anchor bolt plans prepared by the Metal Building Provider are intended to show only location, diameter, and projection of anchor bolts required to attach the Metal Building System to the foundation. The Metal Building Provider is responsible for providing to the Builder the loads imposed by the Metal Building System on the foundation. It is the responsibility of the End Customer to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, tie rods, and/or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site. This is typically the responsibility of the Design Professional or Engineer of Record, which is another reason that their involvement in the Construction Project from the outset is highly recommended. (2012 MBMA Metal Building Systems Manual, Section 3.2.2)
- The projection is based from the bottom of the base plate. Adjustments must be made for grout and/or leveling plates.



NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Loading conditions are:
 - Dead+Collateral+Live
 - 0.6Dead+0.6Wind_Left1
 - 0.6Dead+0.6Wind_Right1
 - 0.6Dead+0.6Wind_Left2
 - 0.6Dead+0.6Wind_Right2
 - 0.6Dead+0.6Wind_Long1L
 - 0.6Dead+0.6Wind_Long2L
 - 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
 - 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
 - 0.6Dead+0.6Wind_Suction+0.6Wind_Long2L

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert
2*	A	0.6	1.8	0.2	0.6	2.9	7.2	0.8	2.1	-6.6	-11.0	1.1	-6.1
2*	D	-0.6	1.8	-0.2	0.6	-2.9	7.2	-0.8	2.1	-1.1	-6.1	6.6	-11.0

Frame Line	Column Line	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert
2*	A	-6.8	-6.7	0.9	-1.8	-0.5	-12.3	-0.8	-10.6	-0.4	-0.3	0.4	0.3
2*	D	-0.9	-1.8	6.8	-6.7	0.8	-10.6	0.5	-12.3	-0.4	0.3	0.4	-0.3

Frame Line	Column Line	Seismic_Long Horz	Seismic_Long Vert	-MIN_SNOW- Horz	-MIN_SNOW- Vert	F1UNB_SL_L- Horz	F1UNB_SL_L- Vert	F1UNB_SL_R- Horz	F1UNB_SL_R- Vert
2*	A	0.0	-1.4	1.2	3.0	0.8	2.3	0.8	1.3
2*	D	0.0	-1.4	-1.2	3.0	-0.8	1.3	-0.8	2.3

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert
4*	A	0.6	1.8	0.2	0.6	2.9	7.2	0.8	2.1	-6.6	-11.0	1.1	-6.1
4*	D	-0.6	1.8	-0.2	0.6	-2.9	7.2	-0.8	2.1	-1.1	-6.1	6.6	-11.0

Frame Line	Column Line	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert
4*	A	-6.8	-6.7	0.9	-1.8	-0.5	-9.5	-0.8	-7.7	-0.4	-0.3	0.4	0.3
4*	D	-0.9	-1.8	6.8	-6.7	0.8	-7.7	0.5	-9.5	-0.4	0.3	0.4	-0.3

Frame Line	Column Line	-MIN_SNOW- Horz	-MIN_SNOW- Vert	F2UNB_SL_L- Horz	F2UNB_SL_L- Vert	F2UNB_SL_R- Horz	F2UNB_SL_R- Vert
4*	A	1.2	3.0	0.8	2.3	0.8	1.3
4*	D	-1.2	3.0	-0.8	2.3	-0.8	2.3

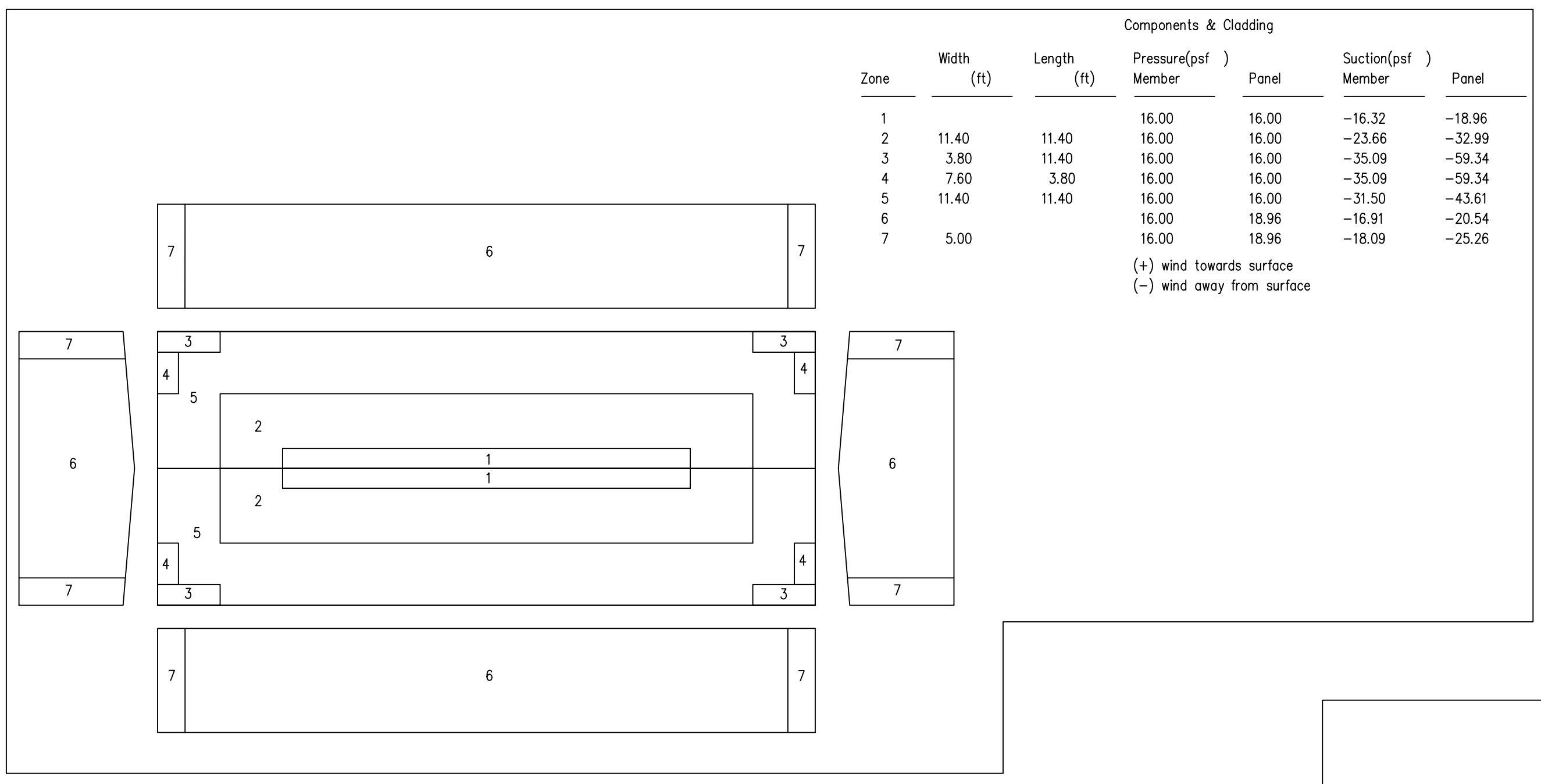
ANCHOR BOLT SUMMARY (GRADE 36)

Qty	Locate	Dia (in)	Type	Proj (in)
20	Jamb	5/8"	F1554	2.50
16	Endwall	5/8"	F1554	2.50
32	Frame	3/4"	F1554	3.00

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k)	Panel Shear (lb/ft)		
			Wind Horz	Seismic Vert	Wind Horz	Seismic Vert
L_EW	1	B,C	2.0	1.9	0.5	0.5
F_SW	D	2,3	4.0	2.8	2.0	1.4
R_EW	6	C,B	2.0	1.9	0.5	0.5
B_SW	A	3,2	4.0	2.8	2.0	1.4

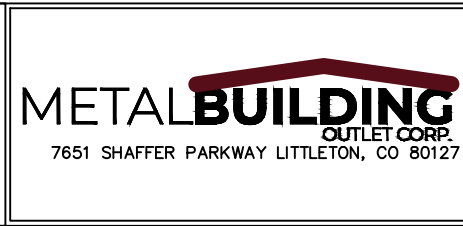
Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored



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FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
0	11.03.25	FOR ERECTOR INSTALLATION	PND	PNC

SHEET DESCRIPTION:		BLDG SIZE:	
ANCHOR BOLT REACTIONS		50'-0" X 120'-0" X 19'-0"	
CUSTOMER:		CUSTOMER LOCATION:	
LS3 ENDEAVORS LLC		EL PASO, TX 79928	
PROJECT REFERENCE:		JOB SITE LOCATION:	
LS3 ENDEAVORS LLC		EL PASO, TX 79928	
JOB SITE COUNTY:		JOB NO.:	
EL PASO		14969-38574	
DWN:	CHK:	DATE:	ENG:
PND	PNC	11.03.25	MVK
DWG NO.:	ISSUE:		
F3	0		

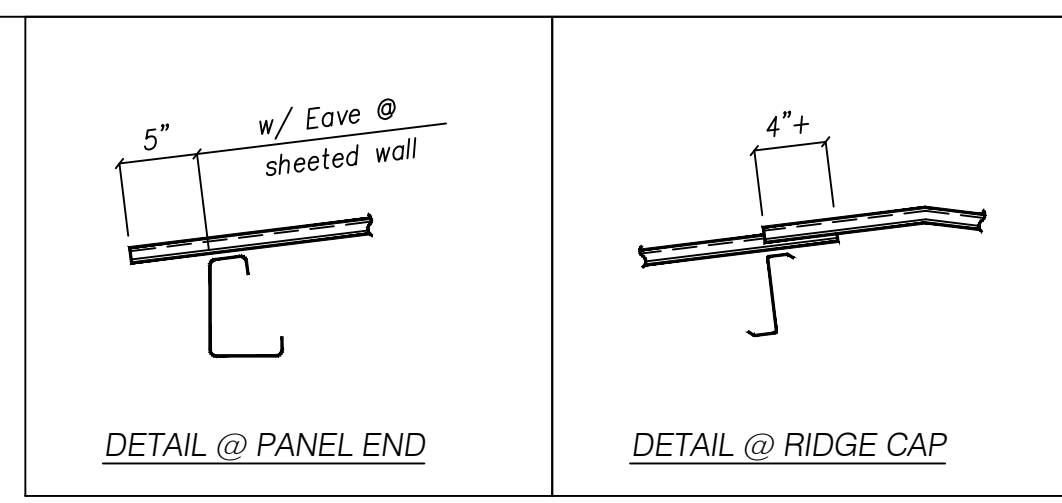


SPlice PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	3/4"	2"	6"	1/2"	2'-1"
SP-2	4	4	0	A325	3/4"	2"	6"	1/2"	1'-7"

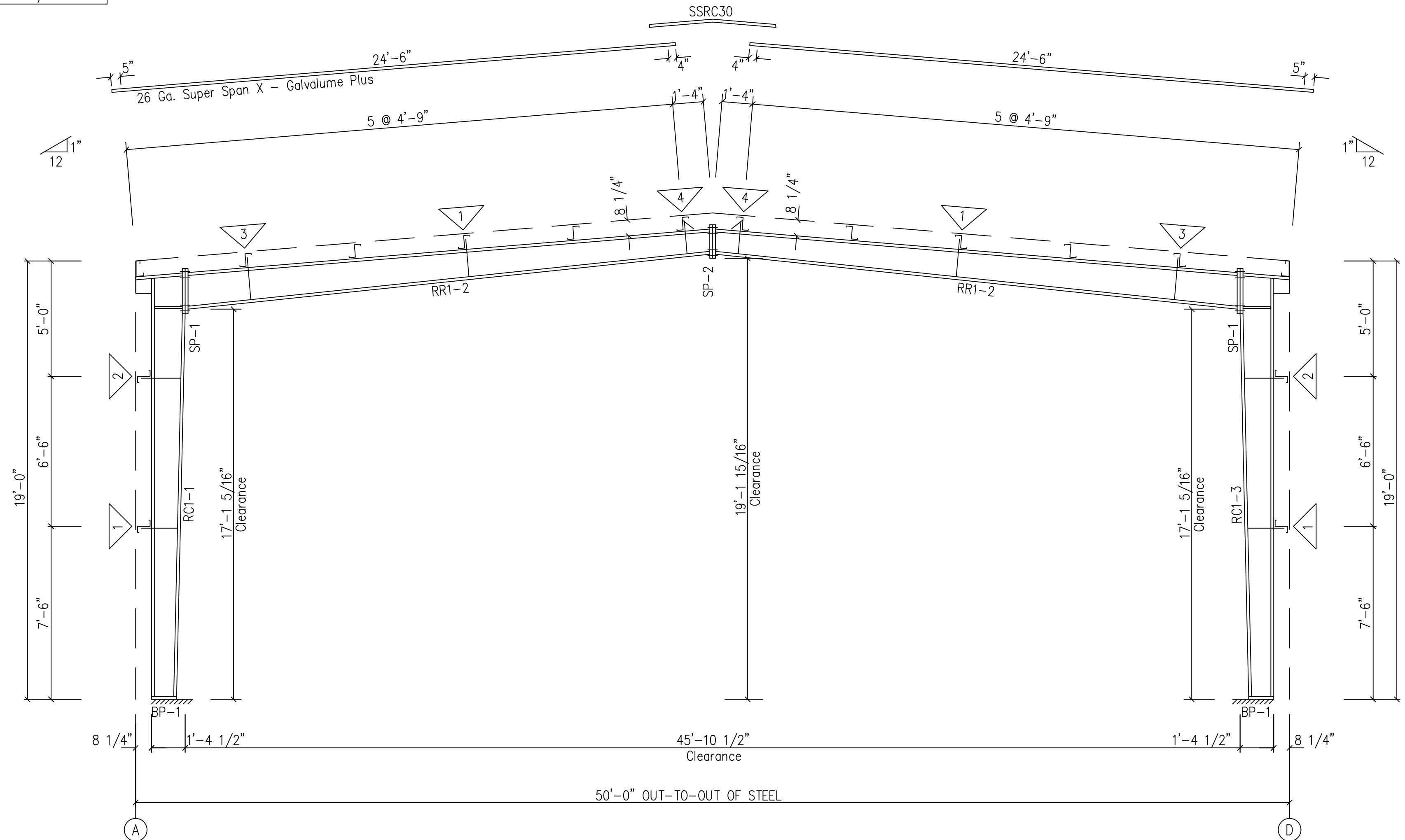
FLANGE BRACE TABLE
 A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16
 FRAME LINE: 2 3

∇ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB3A	2'-6 7/8"	2'-4"		
2	1	FB4A	2'-8"	2'-4"		
3	1	FB5A	2'-8 1/8"	2'-4"		
4	1	FB2A	2'-5 7/8"	2'-4"		

BASE PLATE TABLE			
Col Mark	Width	Plate Size	Length
BP-1	8"	3/8"	10 1/2"



MEMBER TABLE					
Mark	Web Depth		Web Plate Thick	Outside Flange W x Thk	Inside Flange W x Thk
	Start/End	Thick			
RC1-1	10.0/16.0	0.133	5 x 1/4"	5 x 1/4"	
RR1-2	16.0/16.0	0.161	6 x 1/4"	5 x 1/4"	
	16.0/10.8	0.133	5 x 1/4"	5 x 1/4"	
RC1-3	10.8/10.0	0.133	5 x 1/4"	5 x 1/4"	
	16.0/16.0	0.161	6 x 1/4"	5 x 1/4"	
	16.0/10.0	0.133	5 x 1/4"	5 x 1/4"	



RIGID FRAME ELEVATION: FRAME LINE 2 3

BOLT TIGHTENING (Snug-Tight)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as Snug-Tightened Joints in accordance with the Specification of Structural Joints Using High-Strength Bolts, June 11, 2020, installation as given in Section 7.1 Washers are not required for Snug-Tightened Joints using standard standard size holes per Section 6.1 of the Specification

Pretensioning methods, including Turn-of-Nut, calibrated wrench, twist-off tension control bolts or direct tension indicator are not required. Installation inspection requirements for Snug-Tight Bolt is found in Section 9.1 of the Specification.

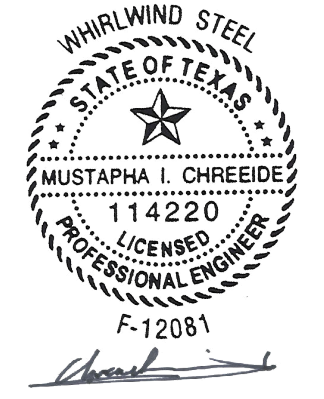
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 FOR ERECTOR INSTALLATION: Final drawings for construction.

METALBUILDING
 OUTLET CORP.
 7651 SHAFFER PARKWAY LITTLETON, CO 80127

ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

SHEET DESCRIPTION: RIGID FRAME ELEVATION BLDG SIZE: 50'-0" X 120'-0" X 19'-0"
 CUSTOMER: LS3 ENDEAVORS LLC CUSTOMER LOCATION: EL PASO, TX 79928
 PROJECT REFERENCE: LS3 ENDEAVORS LLC
 JOBSITE LOCATION: EL PASO, TX 79928 JOBSITE COUNTY: EL PASO
 DWN: PND CHK: PNC DATE: 11.03.25 ENG: MKV JOB NO: 14969-38574 DWG NO: P1 ISSUE: P1

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.



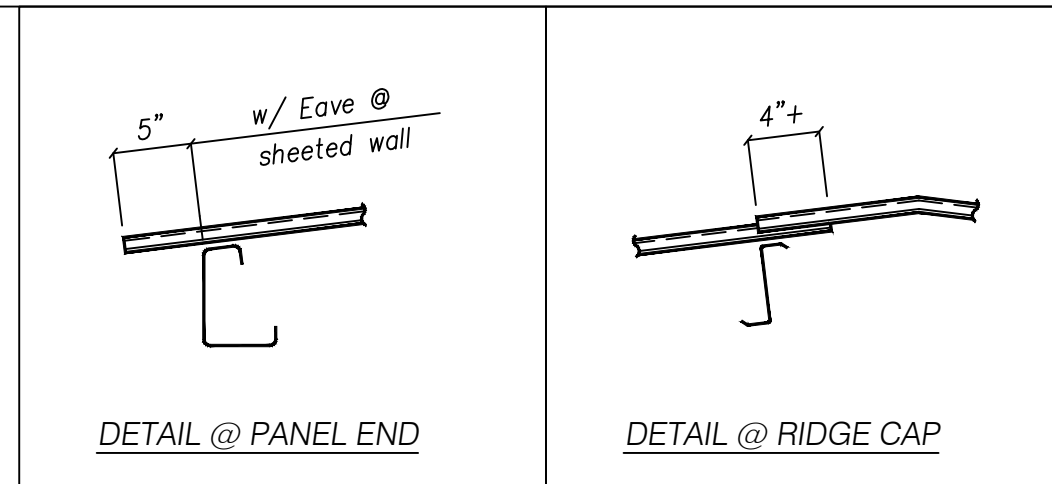
11/4/2025

SPlice PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	3/4"	2"	6"	1/2"	2'-1"
SP-2	4	4	0	A325	3/4"	2"	6"	1/2"	1'-7"

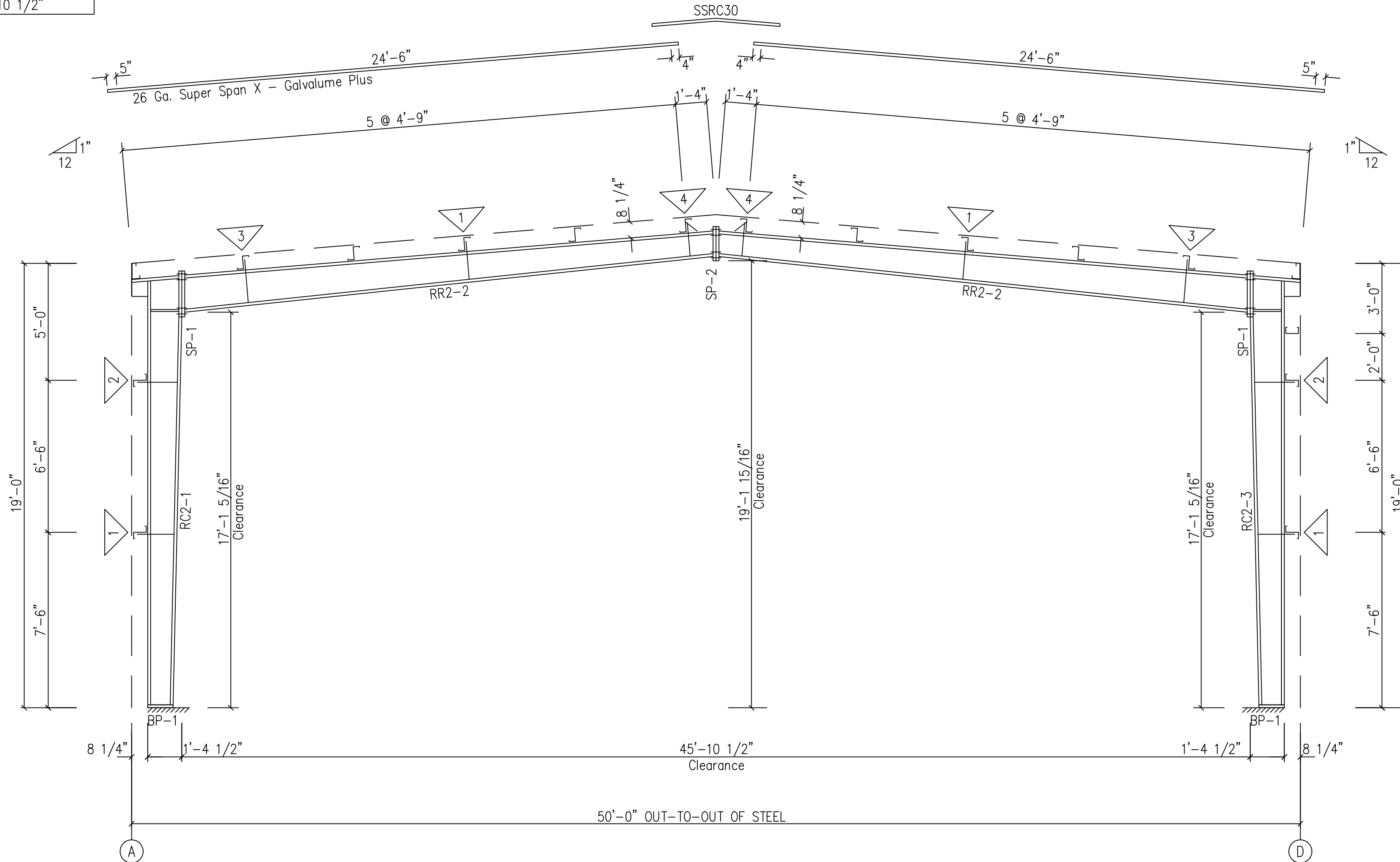
FLANGE BRACE TABLE			
A=L2x2x14GA	B=L2x2x12GA	C=L2x2x1/8	D=L3x3x3/16
FRAME LINE: 4 5			

∇ ID	#	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB3A	2'-6 7/8"	2'-4"		
2	1	FB4A	2'-8"	2'-4"		
3	1	FB5A	2'-8 1/8"	2'-4"		
4	1	FB2A	2'-5 7/8"	2'-4"		

BASE PLATE TABLE			
Col Mark	Plate Size		
	Width	Thick	Length
BP-1	8"	3/8"	10 1/2"



MEMBER TABLE					
Mark	Web Depth		Web Plate	Outside Flange	Inside Flange
	Start/End	Thick			
RC2-1	10.0/16.0	0.133	5 x 1/4"	5 x 1/4"	
	16.0/16.0	0.161			
RR2-2	16.0/10.8	0.133	5 x 1/4"	5 x 1/4"	
	10.8/10.0	0.133			
RC2-3	16.0/16.0	0.161	5 x 1/4"	5 x 1/4"	
	16.0/10.0	0.133			



RIGID FRAME ELEVATION: FRAME LINE 4 5

BOLT TIGHTENING (Snug-Tight)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as Snug-Tightened Joints in accordance with the Specification of Structural Joints Using High-Strength Bolts, June 11, 2020, installation as given in Section 7.1 Washers are not required for Snug-Tightened Joints using standard standard size holes per Section 6.1 of the Specification

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 FOR ERECTOR INSTALLATION: Final drawings for construction.

METALBUILDING
OUTLET CORP.
7651 SHAFFER PARKWAY LITTLETON, CO 80127

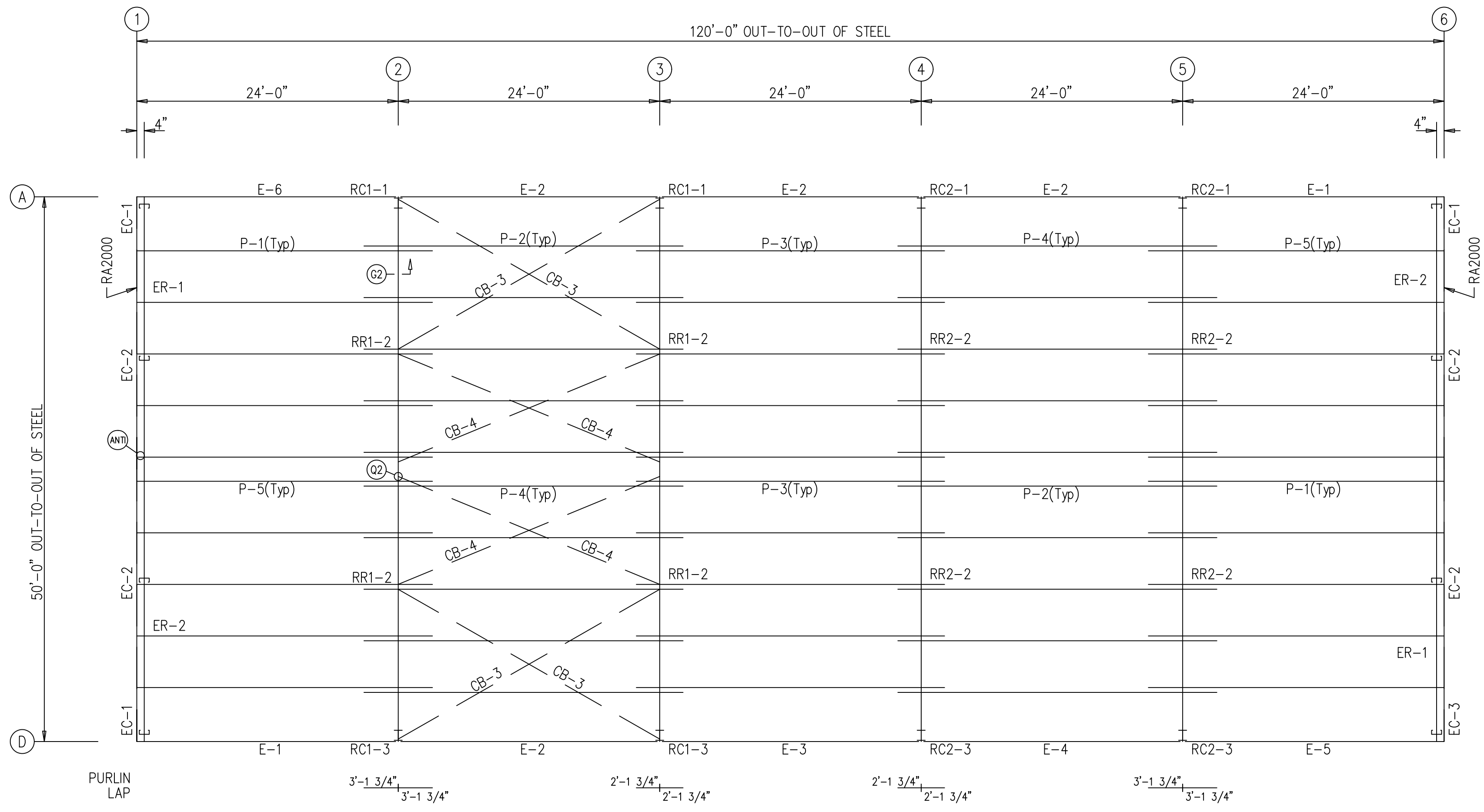
ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

SHEET DESCRIPTION: RIGID FRAME ELEVATION
 BLDG SIZE: 50'-0" X 120'-0" X 19'-0"
 CUSTOMER: LS3 ENDEAVORS LLC
 PROJECT REFERENCE: LS3 ENDEAVORS LLC
 JOBSITE LOCATION: EL PASO, TX 79928
 JOBSITE COUNTY: EL PASO
 DWN: PND
 CHK: PNC
 DATE: 11.03.25
 ENG: MWK
 JOB NO: 14989-38574
 DWG NO: P2
 ISSUE: P1

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WHIRLWIND STEEL
STATE OF TEXAS
MUSTAFA I. CHREIIDE
114220
LICENSED PROFESSIONAL ENGINEER
F-12081
11/4/2025

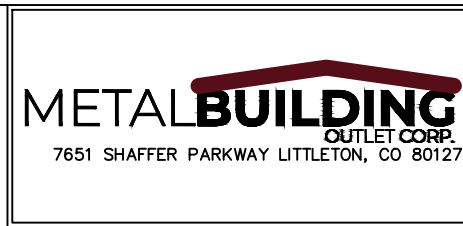
MEMBER TABLE	
ROOF PLAN	
MARK	PART
P-1	8X25Z14
P-2	8X25Z16
P-3	8X25Z16
P-4	8X25Z16
P-5	8X25Z14
E-1	8ES141
E-2	8ES141
E-3	8ES141
E-4	8ES141
E-5	8ES141
E-6	8ES141
CB-3	0.25_CBL
CB-4	0.25_CBL



ROOF FRAMING PLAN

UL580, CLASS 90 CONST. NUMBER 167

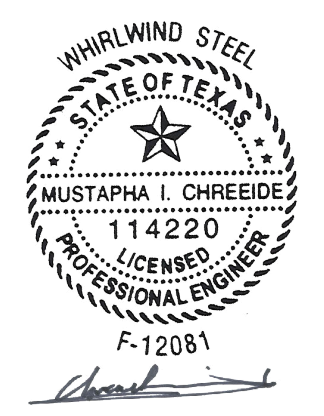
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 FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

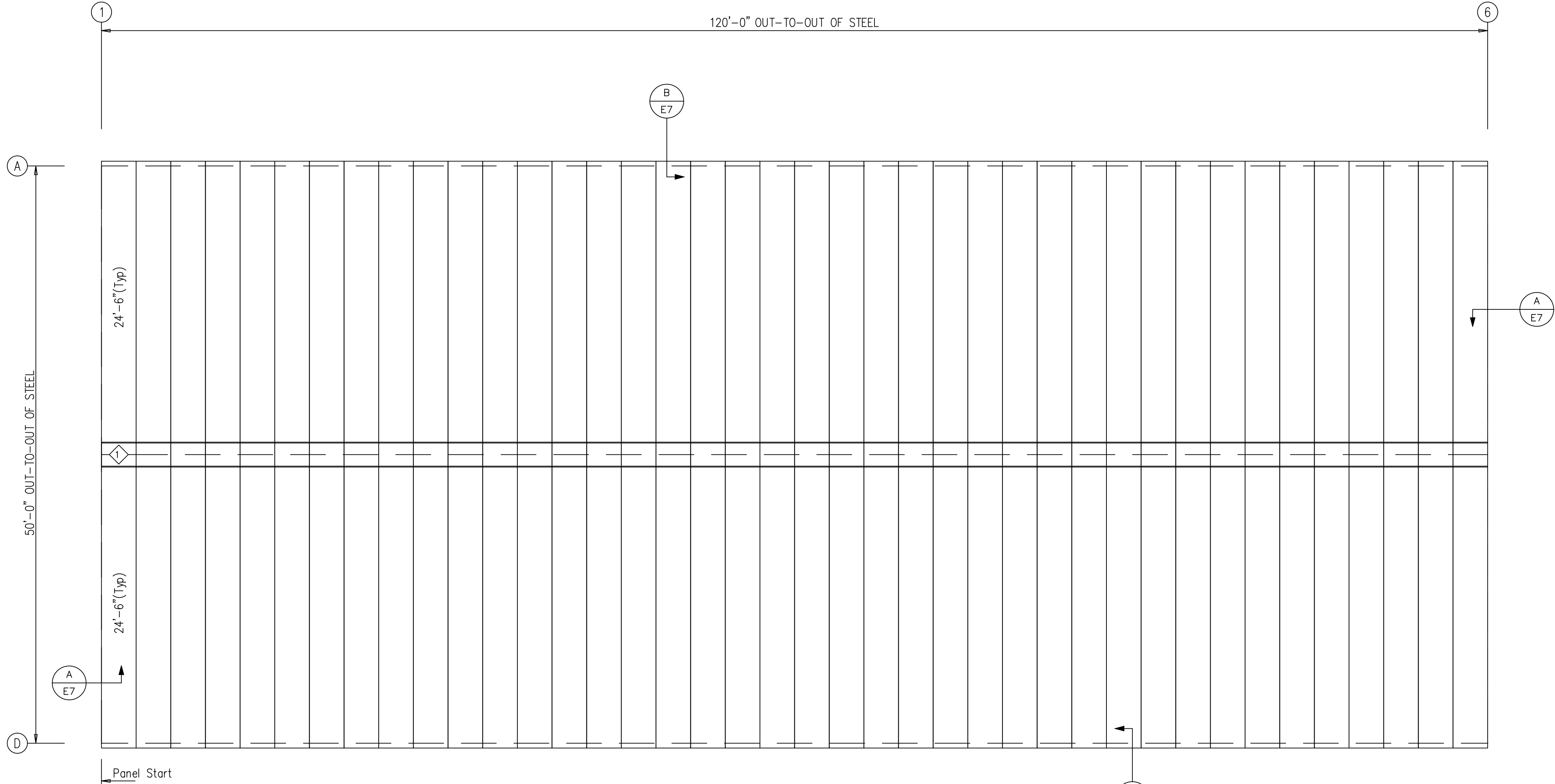
SHEET DESCRIPTION: ROOF FRAMING PLAN BLDG SIZE: 50'-0" X 120'-0" X 19'-0"
 CUSTOMER: LS3 ENDEAVORS LLC CUSTOMER LOCATION: EL PASO, TX 79928
 PROJECT REFERENCE: LS3 ENDEAVORS LLC
 JOBSITE LOCATION: EL PASO, TX 79928 JOBSITE COUNTY: EL PASO
 DWN: PND CHK: PNC DATE: 11.03.25 ENG: MKV JOB NO: 14969-38574 DWG NO: E1 ISSUE: P1

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11/4/2025

ROOF SHEETING TRIM TABLE		
ID	PART	LENGTH
1	SSRC30	3'-0"



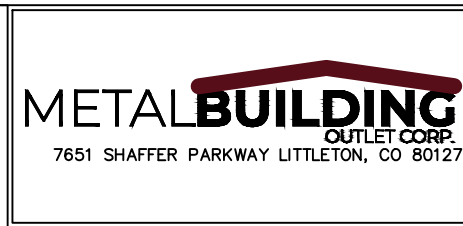
ROOF SHEETING PLAN
 PANELS: 26 Ga. Super Span X - Galvalume Plus

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

FOR APPROVAL:
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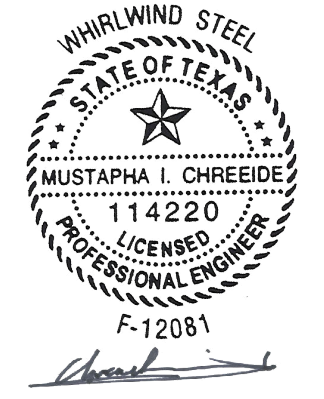
FOR ERECTOR INSTALLATION:
 Final drawings for construction.



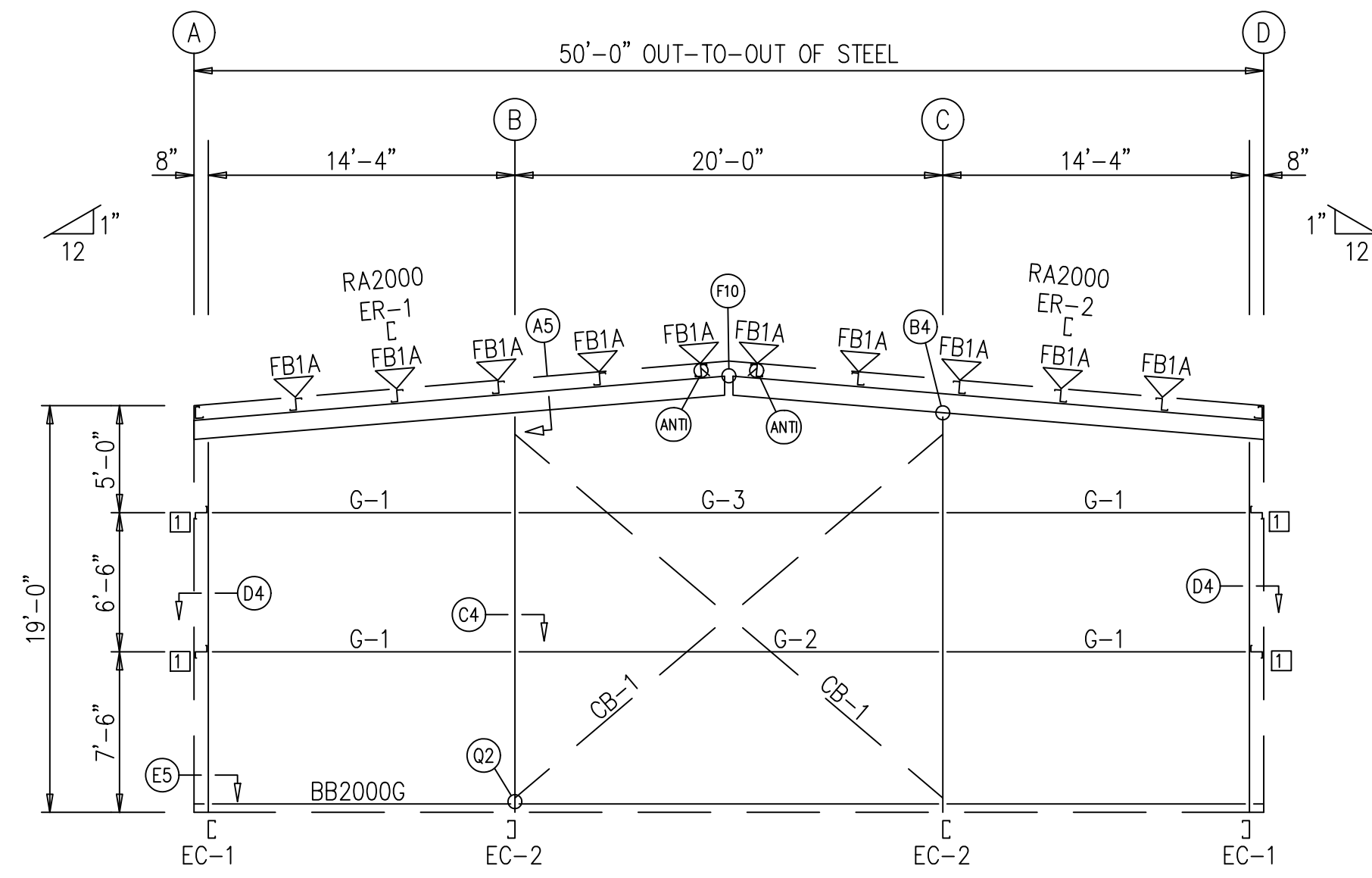
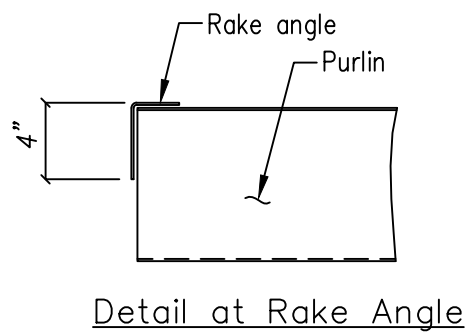
ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

SHEET DESCRIPTION: ROOF SHEETING PLAN		BLDG SIZE: 50'-0" X 120'-0" X 19'-0"	
CUSTOMER: LS3 ENDEAVORS LLC		CUSTOMER LOCATION: EL PASO, TX 79928	
PROJECT REFERENCE: LS3 ENDEAVORS LLC			
JOB SITE LOCATION: EL PASO, TX 79928		JOB SITE COUNTY: EL PASO	
DWN: PND	CHK: PNC	DATE: 11.03.25	ENG: MVK
JOB NO: 14969-38574	DWG NO: E2	ISSUE: P1	

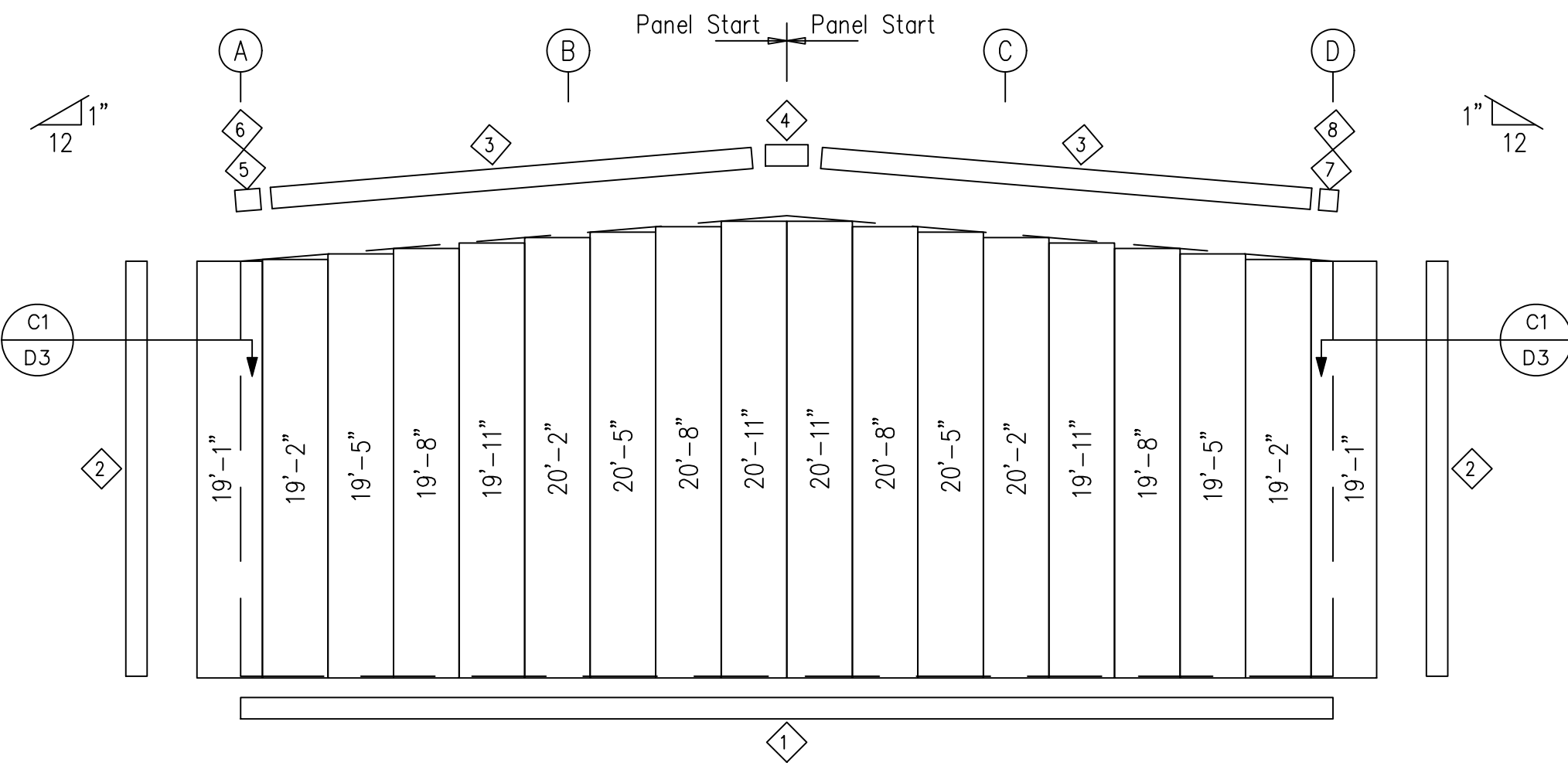
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11/4/2025



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. Super Span X -SMP Steel Gray

FIELD CUT PANELS AS REQUIRED

BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	2"
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 1		
VID	MARK	LENGTH
1	FB1A	2'-5"

TRIM TABLE - THIS WALL ONLY		
FRAME LINE - 1		
VID	PART	LENGTH
1	FL-72	20'-3"
2	CT-102	19'-4"
3	RT-101	15'-3"
4	SPB	
5	SF-1L	
6	SPCB-1L	
7	SF-1R	
8	SPCB-1R	

MEMBER TABLE	
FRAME LINE 1	
MARK	PART
EC-1	8M35C14
EC-2	8M35C12
ER-1	8M35C12
ER-2	8M35C12
G-1	8X25Z16
G-2	8X25Z14
G-3	8X25Z16
CB-1	0.25_CBL

CONNECTION PLATES	
FRAME LINE 1	
VID	MARK/PART
1	SC-5

GENERAL SHEETING & TRIM NOTES

- Refer to erection drawings for rake angle locations.
- Roof member screws are at 12" o.c. Eave end lap and peak screws are as shown.
- Wall member screws are at 6" o.c. at the base member and 12" o.c. at all remaining members.
- Roof stitch screws are located at each member with two between members (20" max. spacing).
- Wall stitch screws are located at each member with one between members (20" max. spacing).
- Skylight stitch screws are at 6" o.c.
- Start endwall panels at centerline of bldg. unless noted.
- Gutter, rake, & eave trim lap 2". All other trims lap 1".
- Field cut or lap panels as required to fit.
- Field cut panels for all openings.
- Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
- Gutter support strap spacing: Super Span 3'-0", Super Seam 4'-0", Weather Lok-16 2'-8".
- Corner and/or peak boxes are not furnished with special rake or gutter profiles. Field miter as req'd.
- Downspout straps are located 6" from base and at every girt location.
- Hot-rolled or built-up members must be pre-drilled before attaching members screws.
- Metal shavings must be swept from the roof each day to avoid surface rusting.
- Windows and louvers must be installed before sheeting the walls.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.

GENERAL FRAMING NOTES

- Angles are marked by their length in feet and inches.
- Field cut or lap angles as required to fit.
- Flange braces are marked by their length in decimal inches.
- Outside flange of girt turns down unless noted.
- Endwall girts and eave struts do not lap.
- Field cut and self-lap girts at walk doors.
- Field slot girts for brace rods or cables.
- Field locate windows and walk doors.
- Field weld all splices at 14 gauge valley gutters.
- Field bolt AK400 base clip to endwall columns:
 - (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 req'd
 - (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 req'd
- Locate top of roof framed openings flush with the pan of the roof panel.
- Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
- Sub-jams for overhead doors, if required, is not furnished by Metal Building Provider

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FOR ERECTOR INSTALLATION: Final drawings for construction.

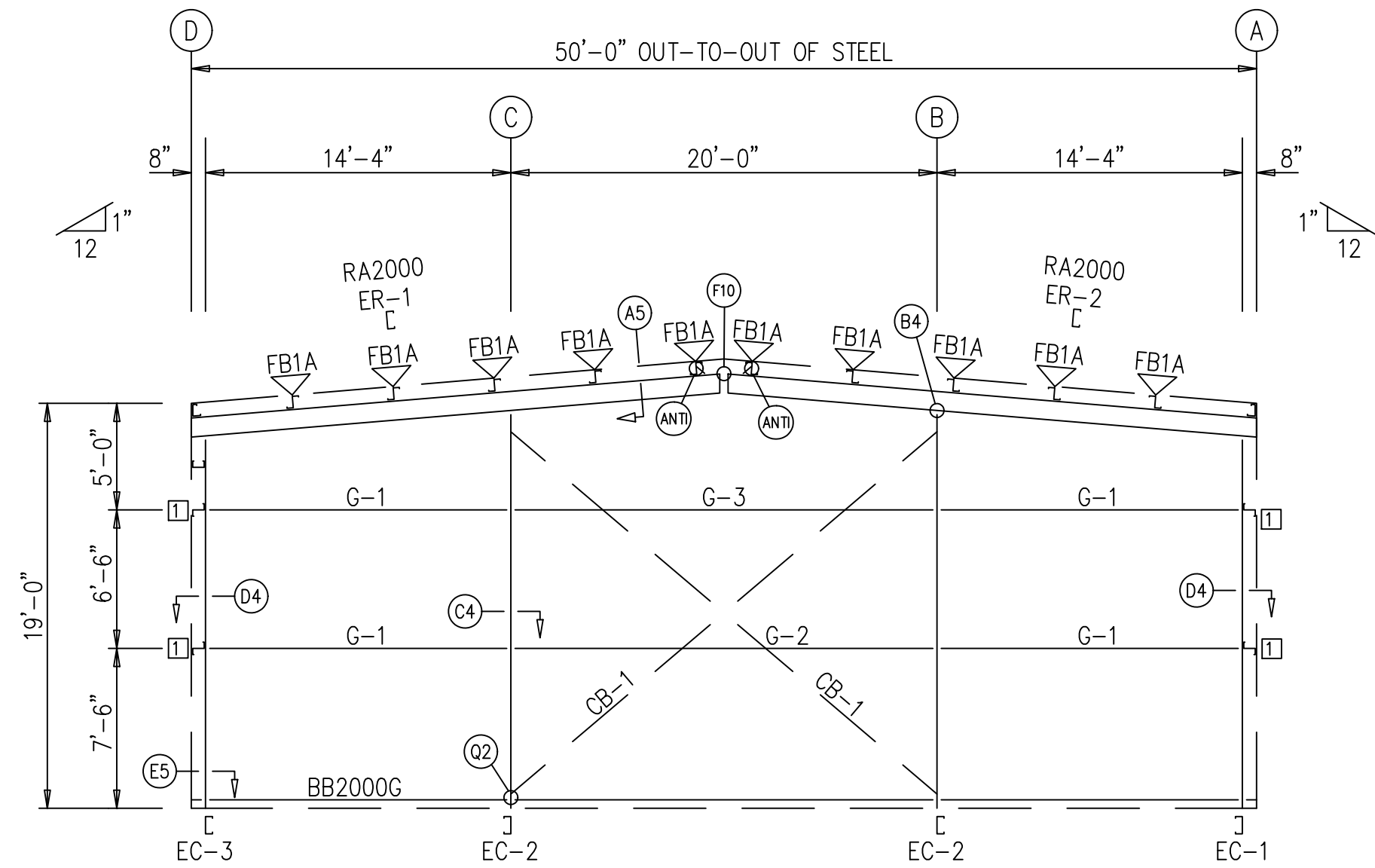
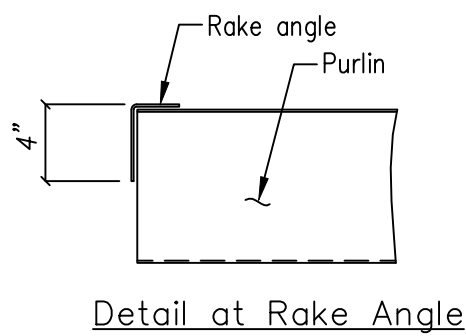
METALBUILDING
OUTLET CORP.
7651 SHAFFER PARKWAY LITTLETON, CO 80127

ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

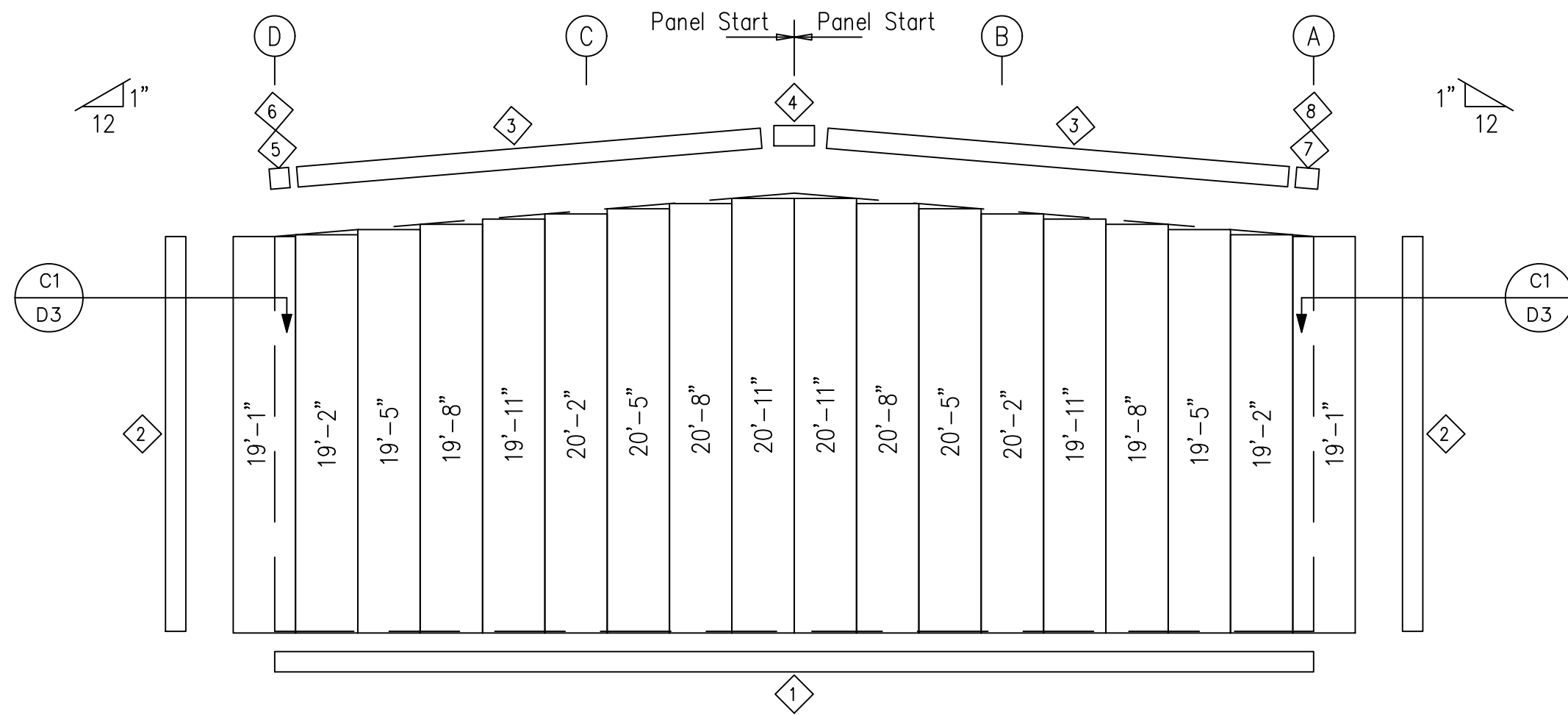
SHEET DESCRIPTION:		BLDG SIZE:	
ENDWALL FRAME & SHEETING ELEVATION		50'-0" X 120'-0" X 19'-0"	
CUSTOMER:		CUSTOMER LOCATION:	
LS3 ENDEAVORS LLC		EL PASO, TX 79928	
PROJECT REFERENCE:			
LS3 ENDEAVORS LLC			
JOBSITE LOCATION:		JOBSITE COUNTY:	
EL PASO, TX 79928		EL PASO	
DWN:	CHK:	DATE:	ENG:
PND	PNC	11.03.25	MVK
JOB NO:	DWG NO:	ISSUE:	
14969-38574	E3	P1	



11/4/2025



ENDWALL FRAMING: FRAME LINE 6



ENDWALL SHEETING & TRIM: FRAME LINE 6

PANELS: 26 Ga. Super Span X - SMP Steel Gray

GENERAL SHEETING & TRIM NOTES

- Refer to erection drawings for rake angle locations.
- Roof member screws are at 12" o.c. Eave end lap and peak screws are as shown.
- Wall member screws are at 6" o.c. at the base member and 12" o.c. at all remaining members.
- Roof stitch screws are located at each member with two between members (20" max. spacing).
- Wall stitch screws are located at each member with one between members (20" max. spacing).
- Skylight stitch screws are at 6" o.c.
- Start endwall panels at centerline of bldg, unless noted.
- Gutter, rake, & eave trim lap 2". All other trims lap 1".
- Field cut or lap panels as required to fit.
- Field cut panels for all openings.
- Pop rivet gutter counterflashing to wall panel on 3'-0 centers and caulk all laps.
- Gutter support strap spacing: Super Span 3'-0, Super Seam 4'-0, Weather Lok-16 2'-8".
- Corner and/or peak boxes are not furnished with special rake or gutter profiles. Field miter as req'd.
- Downspout straps are located 6" from base and at every girt location.
- Hot-rolled or built-up members must be pre-drilled before attaching members screws.
- Metal shavings must be swept from the roof each day to avoid surface rusting.
- Windows and louvers must be installed before sheeting the walls.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.

GENERAL FRAMING NOTES

- Angles are marked by their length in feet and inches.
- Field cut or lap angles as required to fit.
- Flange braces are marked by their length in decimal inches.
- Outside flange of girt turns down unless noted.
- Endwall girts and eave struts do not lap.
- Field cut and self-top girts at walk doors.
- Field slot girts for brace rods or cables.
- Field locate windows and walk doors.
- Field weld all splices at 14 gauge valley gutters.
- Field bolt AK400 base clip to endwall columns:
(1) 5/8" x 1-1/2" A325 bolts if (1) AK400 req'd
(2) 5/8" x 1-3/4" A325 bolts if (2) AK400 req'd
- Locate top of roof framed openings flush with the pan of the roof panel.
- Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
- Sub-jams for overhead doors, if required, is not furnished by Metal Building Provider

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FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.

FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

SHEET DESCRIPTION: ENDWALL FRAME & SHEETING ELEVATION		BLDG SIZE: 50'-0" X 120'-0" X 19'-0"	
CUSTOMER: LS3 ENDEAVORS LLC		CUSTOMER LOCATION: EL PASO, TX 79928	
PROJECT REFERENCE: LS3 ENDEAVORS LLC			
JOB SITE LOCATION: EL PASO, TX 79928		JOB SITE COUNTY: EL PASO	
DWN: PND	CHK: PNC	DATE: 11.03.25	ENG: MVK
JOB NO: 14969-38574	DWG NO: E4	ISSUE: P1	

FIELD CUT PANELS AS REQUIRED

BOLT TABLE FRAME LINE 6				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	2"
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE FRAME LINE 6		
VID	MARK	LENGTH
1	FB1A	2'-5"

TRIM TABLE - THIS WALL ONLY FRAME LINE - 6		
QID	PART	LENGTH
1	FL-72	20'-3"
2	CT-102	19'-4"
3	RT-101	15'-3"
4	SPB	
5	SF-1L	
6	SPCB-1L	
7	SF-1R	
8	SPCB-1R	

MEMBER TABLE FRAME LINE 6	
MARK	PART
EC-1	8M35C14
EC-2	8M35C12
EC-3	8M35C14
ER-1	8M35C12
ER-2	8M35C12
G-1	8X25Z16
G-2	8X25Z14
G-3	8X25Z16
CB-1	0.25_CBL

CONNECTION PLATES FRAME LINE 6	
QID	MARK/PART
1	SC-5

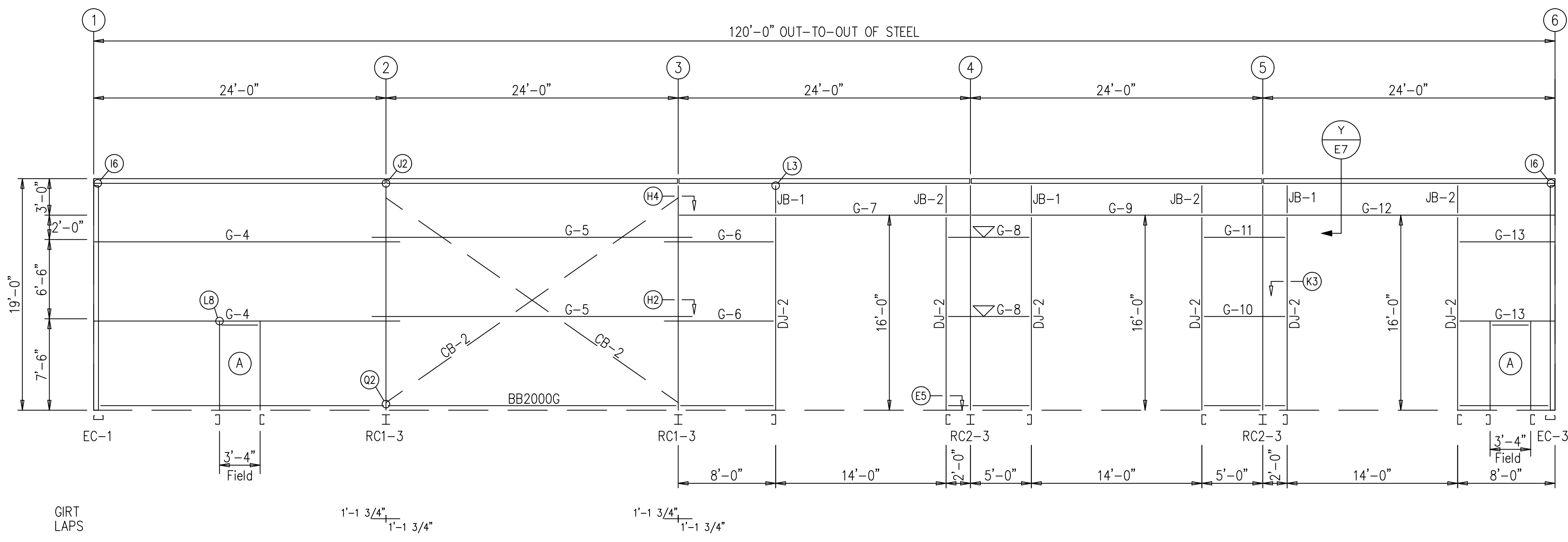
The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.



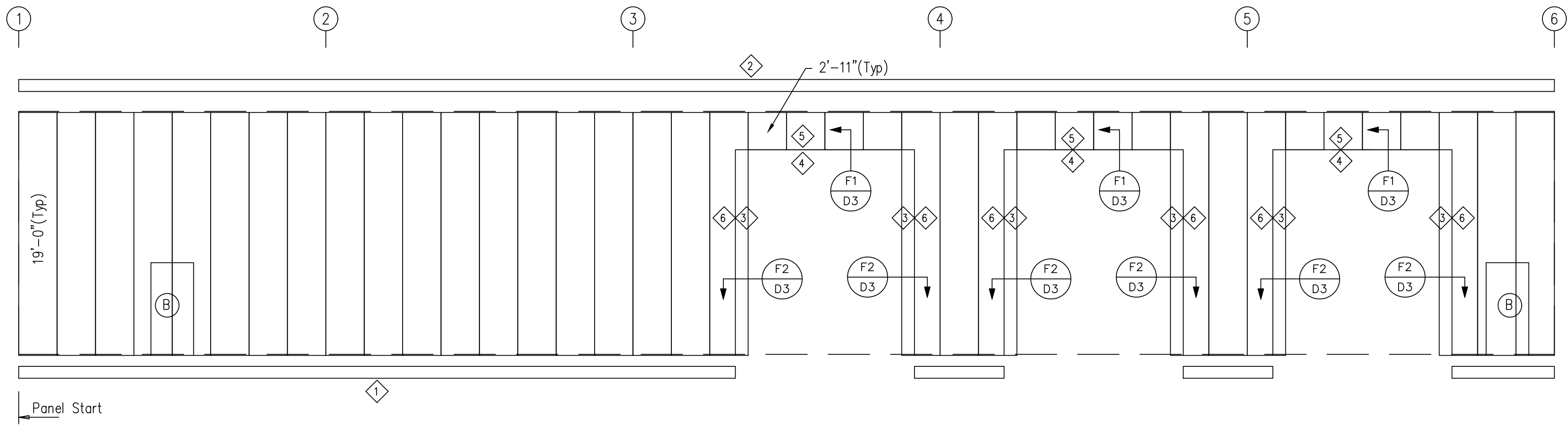
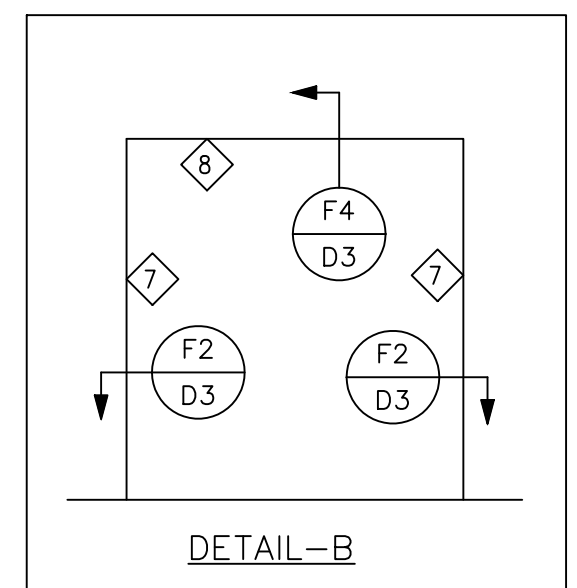
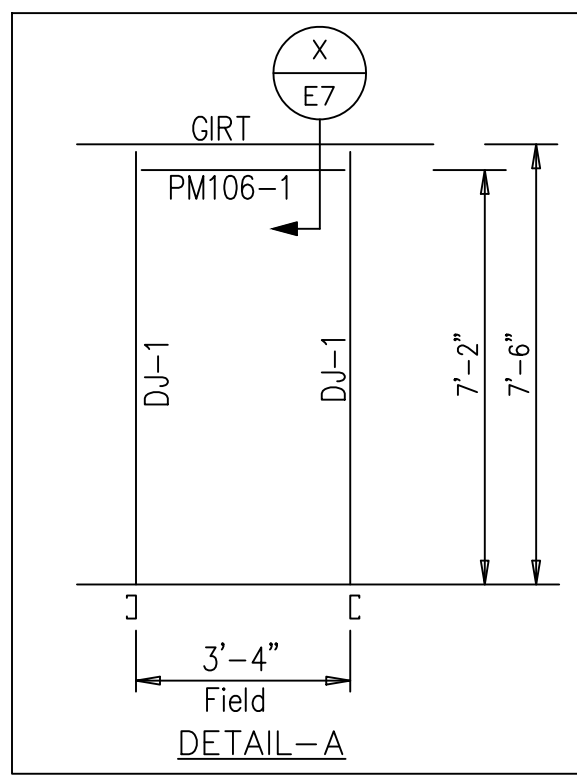
11/4/2025

TRIM TABLE - THIS WALL ONLY		
FRAME LINE - D		
QID	PART	LENGTH
1	FL-72	20'-3"
2	ET-101	20'-3"
3	FL-22	16'-4"
4	HT-101	14'-4"
5	MT-116B	14'-4"
6	MT-116B	16'-4"
7	FL-22	7'-6"
8	HT-101	3'-8"

MEMBER TABLE	
FRAME LINE D	
MARK	PART
DJ-1	8M25C14
DJ-2	8M35C14
PM106-1	PM106
G-4	8X25Z16
G-5	8X25Z16
G-6	8X25Z16
G-7	8X25C14
G-8	8X25Z16
G-9	8X25C14
G-10	8X25Z16
G-11	8X25Z14
G-12	8X25C14
G-13	8X25Z16
CB-2	0.31_CBL
JB-1	8M35C14
JB-2	8M35C14



SIDEWALL FRAMING: FRAME LINE D



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. Super Span X - SMP Steel Gray

GENERAL SHEETING & TRIM NOTES

- Refer to erection drawings for rake angle locations.
- Roof member screws are at 12" o.c. Eave end lap and peak screws are as shown.
- Wall member screws are at 6" o.c. at the base member and 12" o.c. at all remaining members.
- Roof stitch screws are located at each member with two between members (20" max. spacing).
- Wall stitch screws are located at each member with one between members (20" max. spacing).
- Skylight stitch screws are at 6" o.c.
- Start endwall panels at centerline of bldg. unless noted.
- Gutter, rake, & eave trim lap 2". All other trims lap 1".
- Field cut or lap panels as required to fit.
- Field cut panels for all openings.
- Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
- Gutter support strap spacing: Super Span 3'-0", Super Seam 4'-0", Weather Lok-16 2'-8".
- Corner and/or peak boxes are not furnished with special rake or gutter profiles. Field miter as req'd.
- Downspout straps are located 6" from base and at every girt location.
- Hot-rolled or built-up members must be pre-drilled before attaching members screws.
- Metal shavings must be swept from the roof each day to avoid surface rusting.
- Windows and louvers must be installed before sheeting the walls.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.

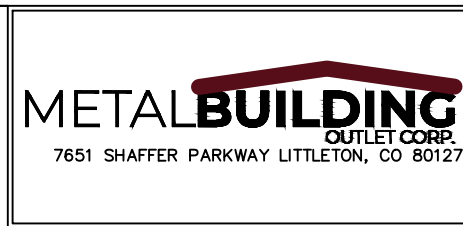
GENERAL FRAMING NOTES

- Angles are marked by their length in feet and inches.
- Field cut or lap angles as required to fit.
- Flange braces are marked by their length in decimal inches.
- Outside flange of girt turns down unless noted.
- Endwall girts and eave struts do not lap.
- Field cut and self-top girts at walk doors.
- Field slot girts for brace rods or cables.
- Field locate windows and walk doors.
- Field weld all splices at 14 gauge valley gutters.
- Field bolt AK400 base clip to endwall columns:
(1) 5/8" x 1-1/2" A325 bolts if (1) AK400 req'd
(2) 5/8" x 1-3/4" A325 bolts if (2) AK400 req'd
- Locate top of roof framed openings flush with the pan of the roof panel.
- Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
- Sub-jams for overhead doors, if required, is not furnished by Metal Building Provider

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FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

SHEET DESCRIPTION:		BLDG SIZE:	
SIDEWALL FRAME & SHEETING ELEVATION		50'-0" X 120'-0" X 19'-0"	
CUSTOMER:		CUSTOMER LOCATION:	
LS3 ENDEAVORS LLC		EL PASO, TX 79928	
PROJECT REFERENCE:		JOB SITE COUNTY:	
LS3 ENDEAVORS LLC		EL PASO	
JOB SITE LOCATION:		JOB NO.:	
EL PASO, TX 79928		14969-38574	
OWN:	CHK:	DATE:	ENG:
PND	PNC	11.03.25	MVK
DWG NO.:		ISSUE:	
E5		P1	

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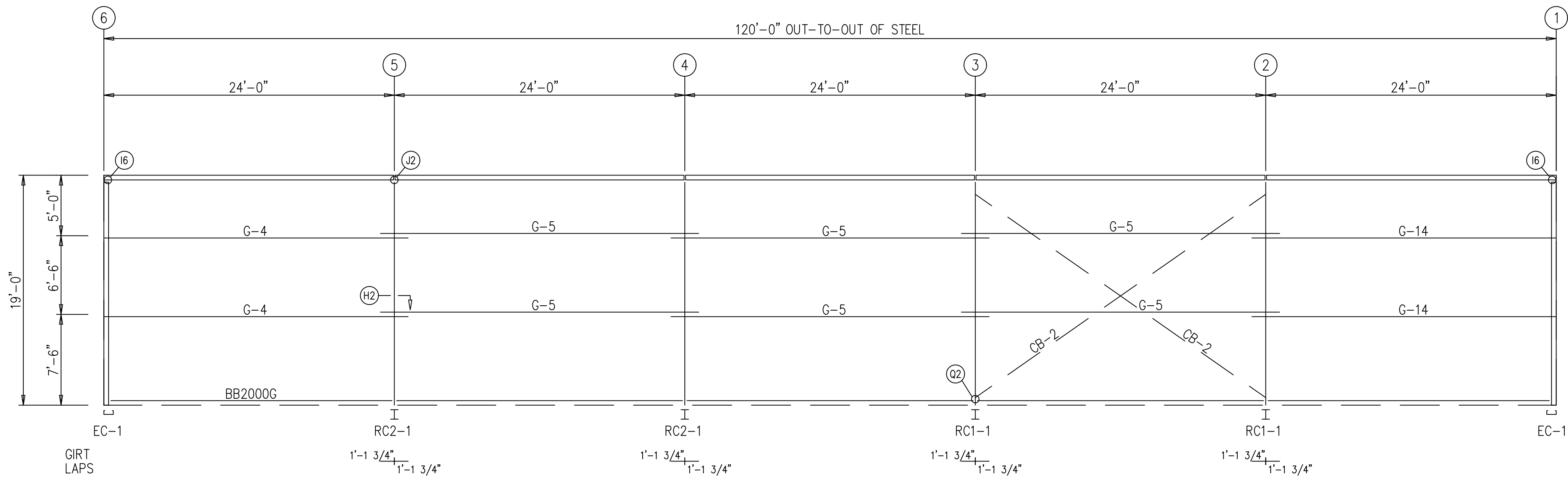


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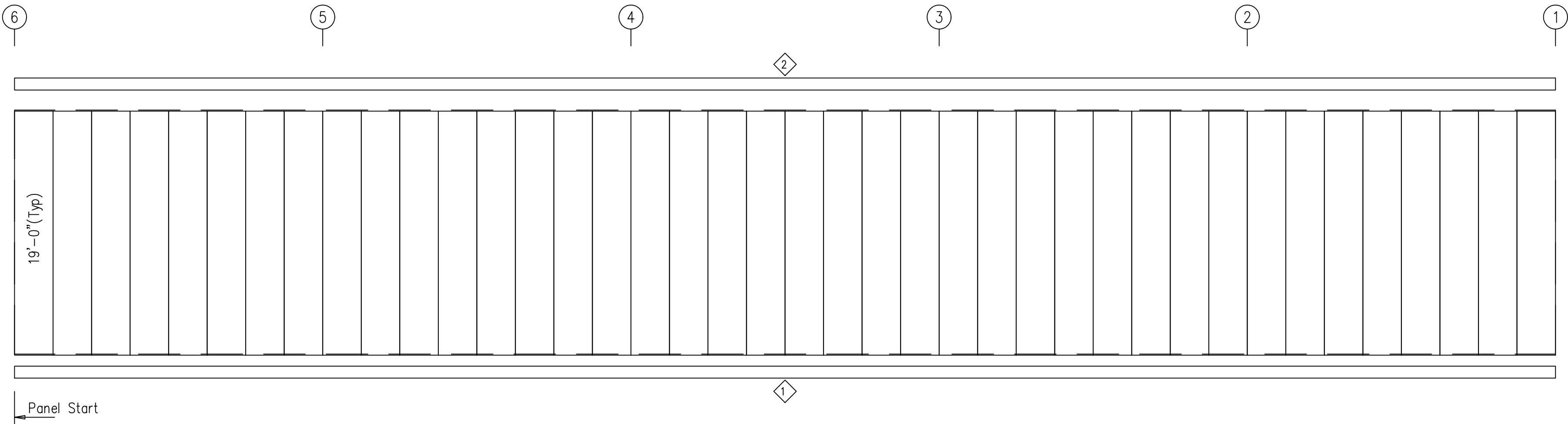
TRIM TABLE - THIS WALL ONLY
FRAME LINE - A

QD	PART	LENGTH
1	FL-72	20'-3"
2	ET-101	20'-3"

MEMBER TABLE FRAME LINE A	
MARK	PART
G-4	8X25Z16
G-5	8X25Z16
G-14	8X25Z16
CB-2	0.31_CBL



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. Super Span X - SMP Steel Gray

GENERAL SHEETING & TRIM NOTES

- Refer to erection drawings for rake angle locations.
- Roof member screws are at 12" o.c. Eave end lap and peak screws are as shown.
- Wall member screws are at 6" o.c. at the base member and 12" o.c. at all remaining members.
- Roof stitch screws are located at each member with two between members (20" max. spacing).
- Wall stitch screws are located at each member with one between members (20" max. spacing).
- Skylight stitch screws are at 6" o.c.
- Start endwall panels at centerline of bldg, unless noted.
- Gutter, rake, & eave trim lap 2". All other trims lap 1".
- Field cut or lap panels as required to fit.
- Field cut panels for all openings.
- Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
- Gutter support strap spacing: Super Span 3'-0", Super Seam 4'-0", Weather Lok-16 2'-8".
- Corner and/or peak boxes are not furnished with special rake or gutter profiles. Field miter as req'd.
- Downspout straps are located 6" from base and at every girt location.
- Hot-rolled or built-up members must be pre-drilled before attaching members screws.
- Metal shavings must be swept from the roof each day to avoid surface rusting.
- Windows and louvers must be installed before sheeting the walls.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.

GENERAL FRAMING NOTES

- Angles are marked by their length in feet and inches.
- Field cut or lap angles as required to fit.
- Flange braces are marked by their length in decimal inches.
- Outside flange of girt turns down unless noted.
- Endwall girts and eave struts do not lap.
- Field cut and self-top girts at walk doors.
- Field slot girts for brace rods or cables.
- Field locate windows and walk doors.
- Field weld all splices at 14 gauge valley gutters.
- Field bolt AK400 base clip to endwall columns:
(2) 5/8" x 1-1/2" A325 bolts if (1) AK400 req'd
(2) 5/8" x 1-3/4" A325 bolts if (2) AK400 req'd
- Locate top of roof framed openings flush with the pan of the roof panel.
- Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
- For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
- Sub-jamb for overhead doors, if required, is not furnished by Metal Building Provider

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FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC

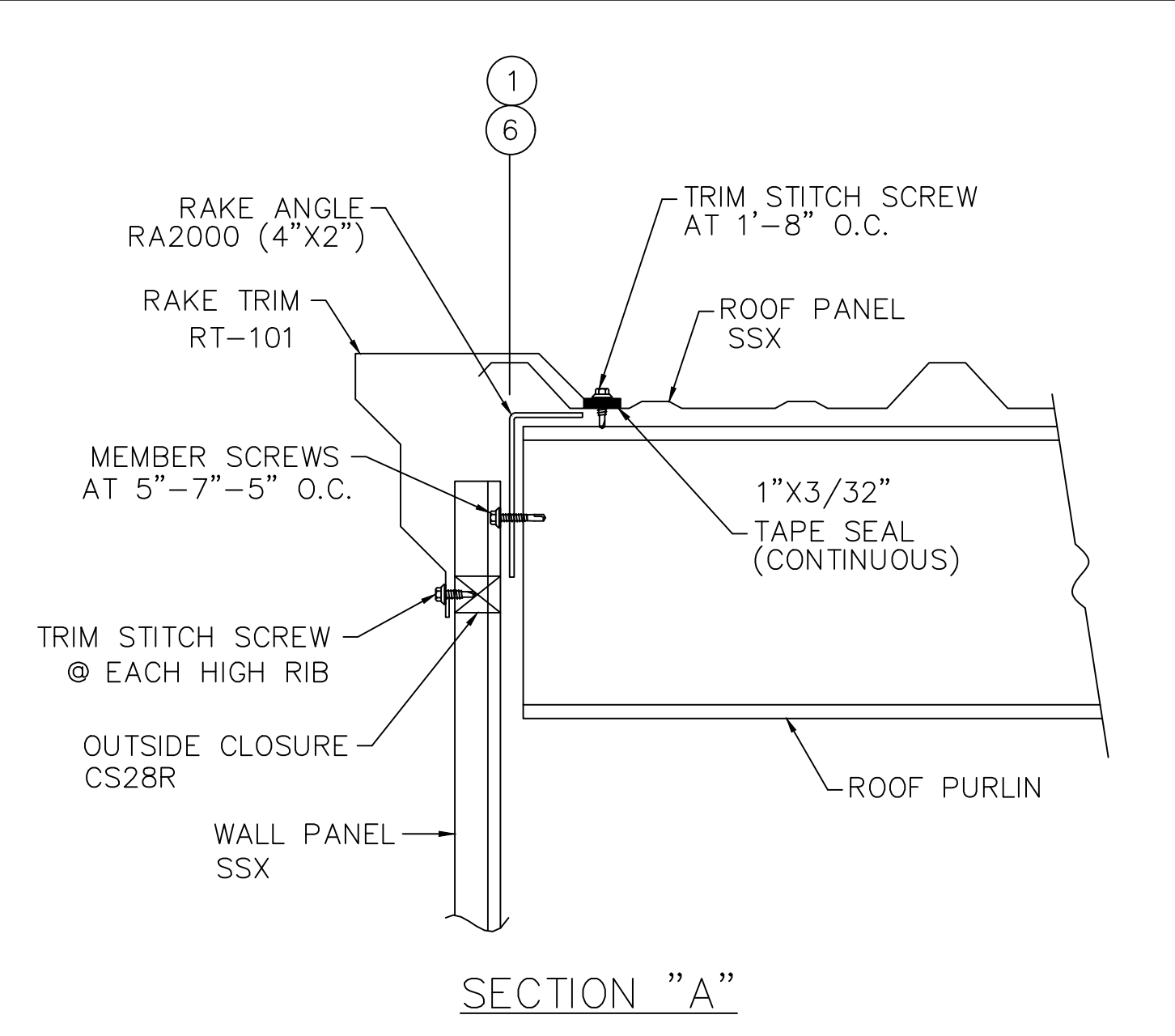
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CUSTOMER: LS3 ENDEAVORS LLC		CUSTOMER LOCATION: EL PASO, TX 79928	
PROJECT REFERENCE: LS3 ENDEAVORS LLC			
JOB SITE LOCATION: EL PASO, TX 79928		JOB SITE COUNTY: EL PASO	
OWN: PND	CHK: PNC	DATE: 11.03.25	ENG: MKV
JOB NO: 14969-38574	DWG NO: E6	ISSUE: P1	

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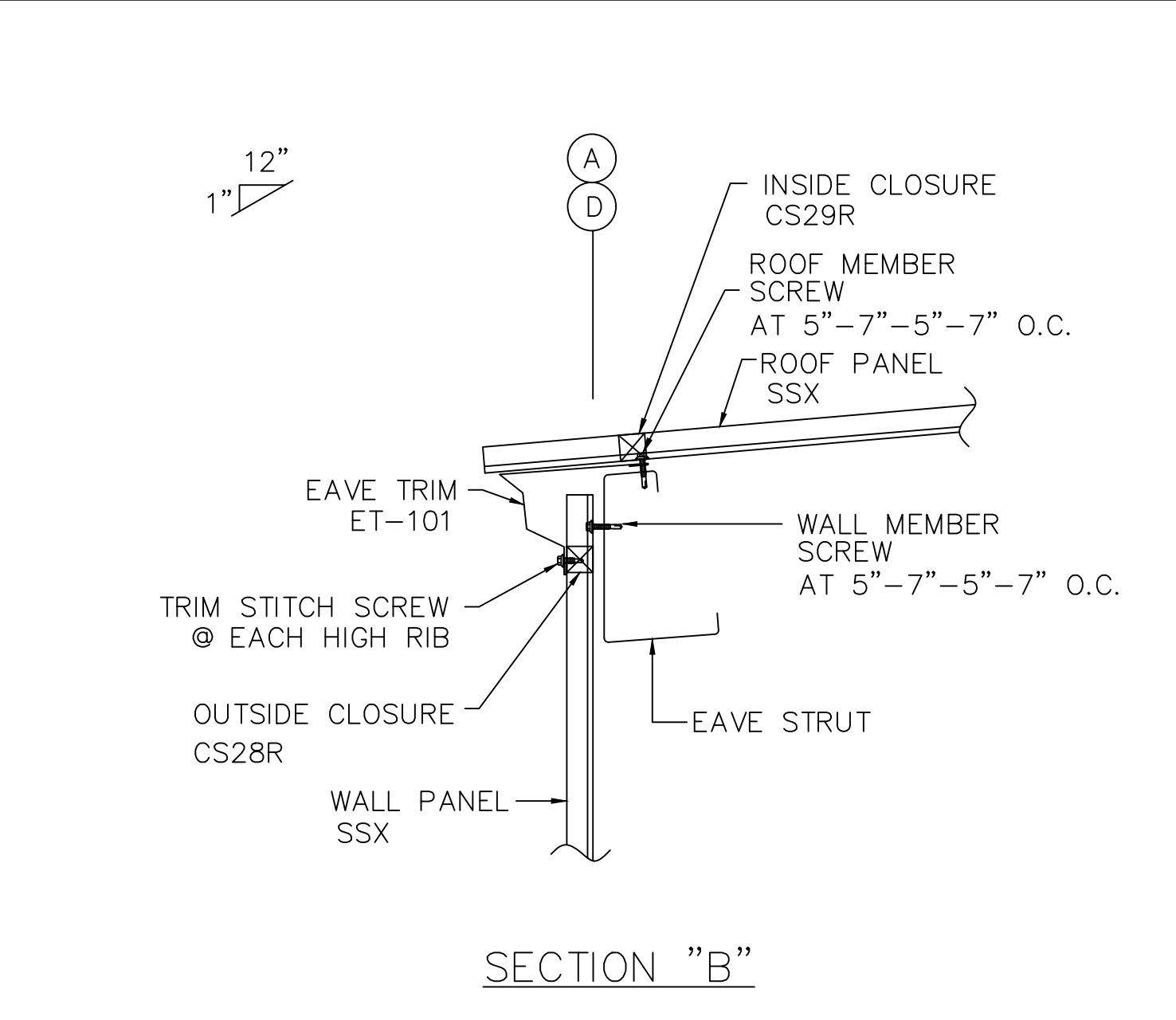


F-12081

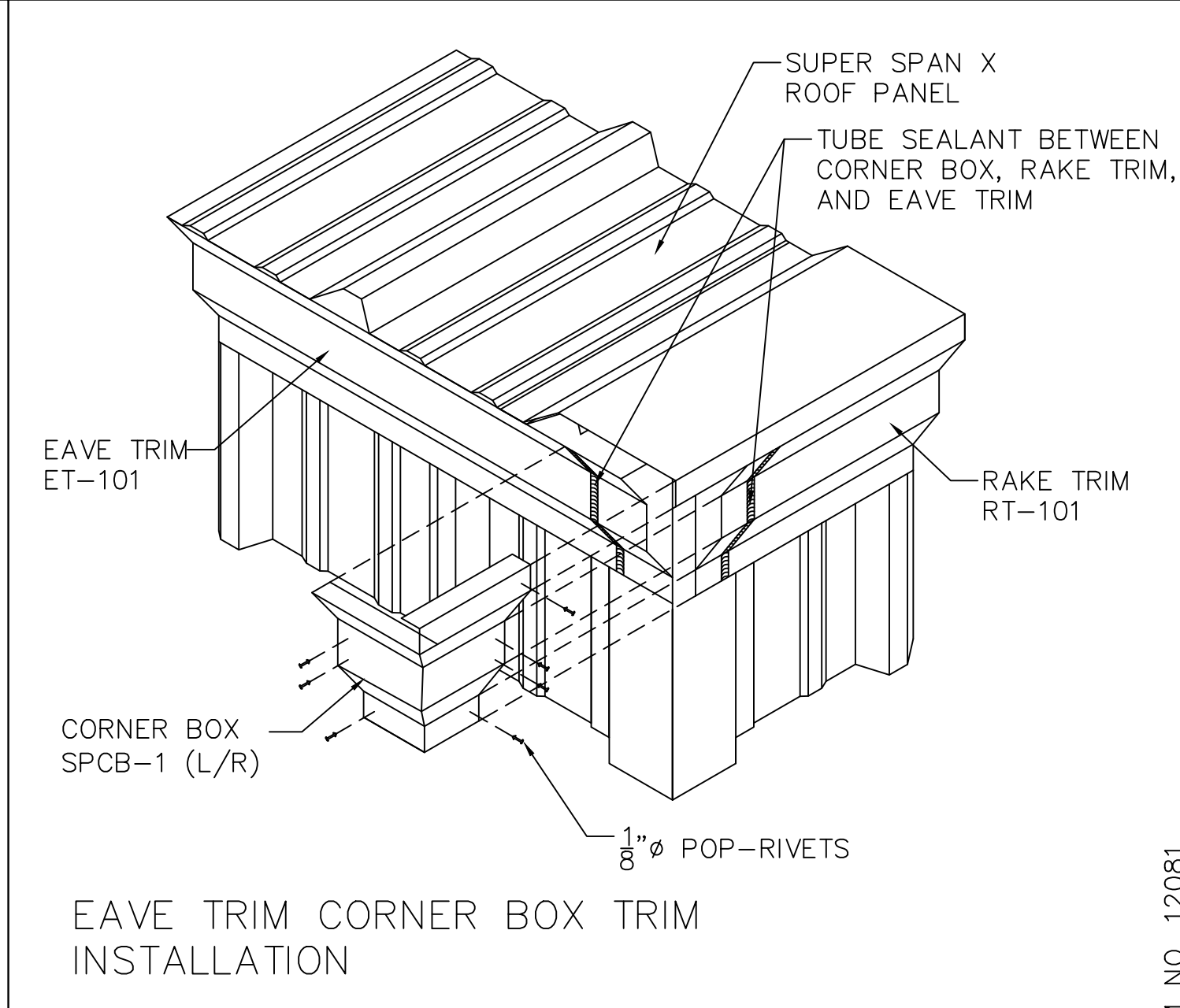
11/4/2025



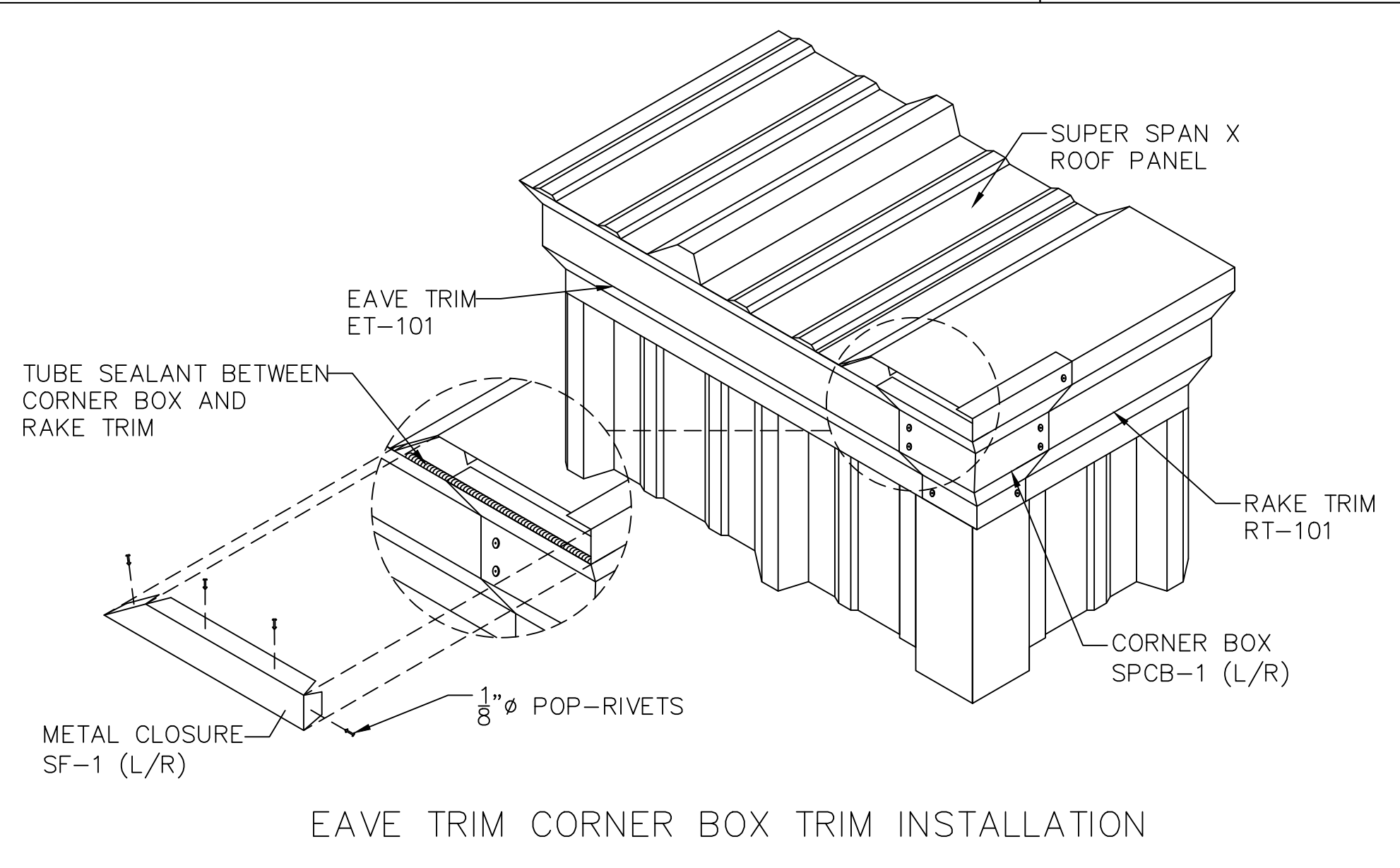
SECTION "A"



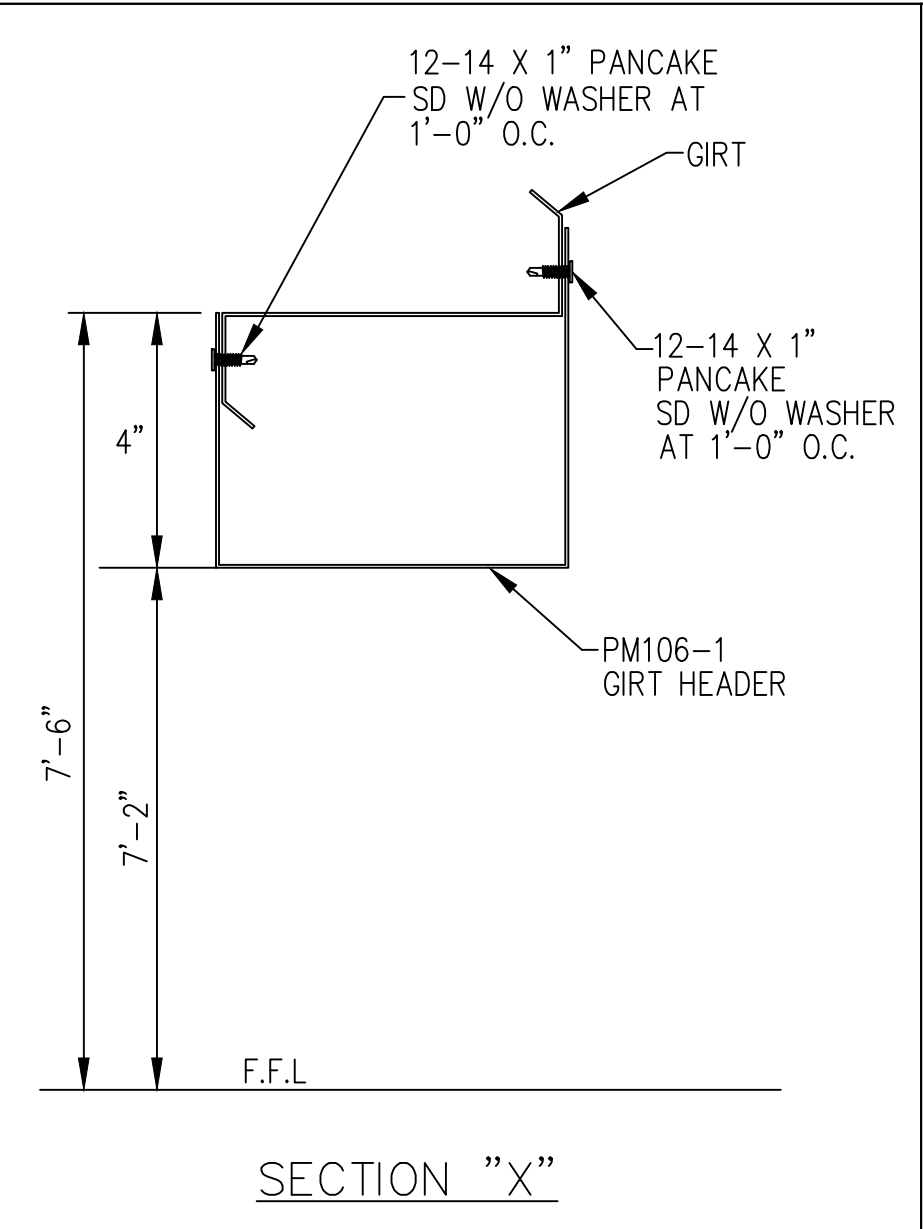
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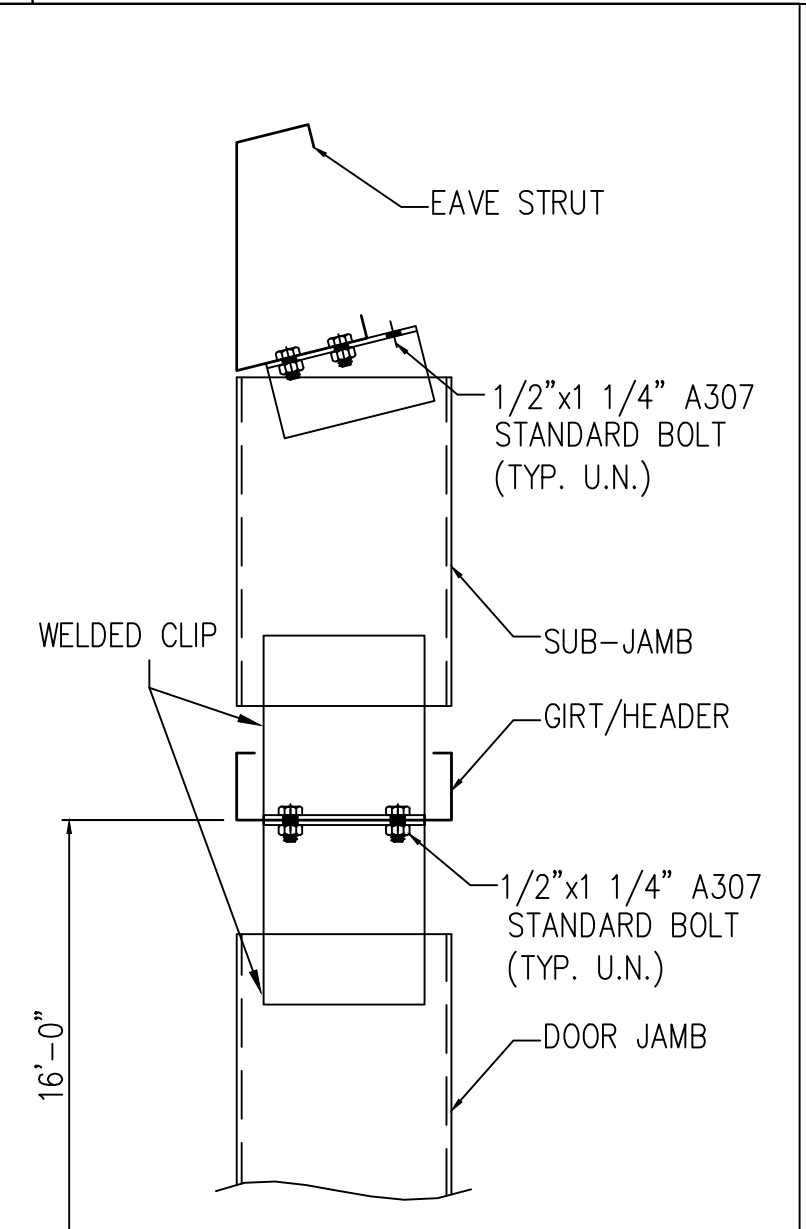
EAVE TRIM CORNER BOX TRIM INSTALLATION



EAVE TRIM CORNER BOX TRIM INSTALLATION



SECTION "X"



SECTION-Y

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FOR ERECTOR INSTALLATION: Final drawings for construction.

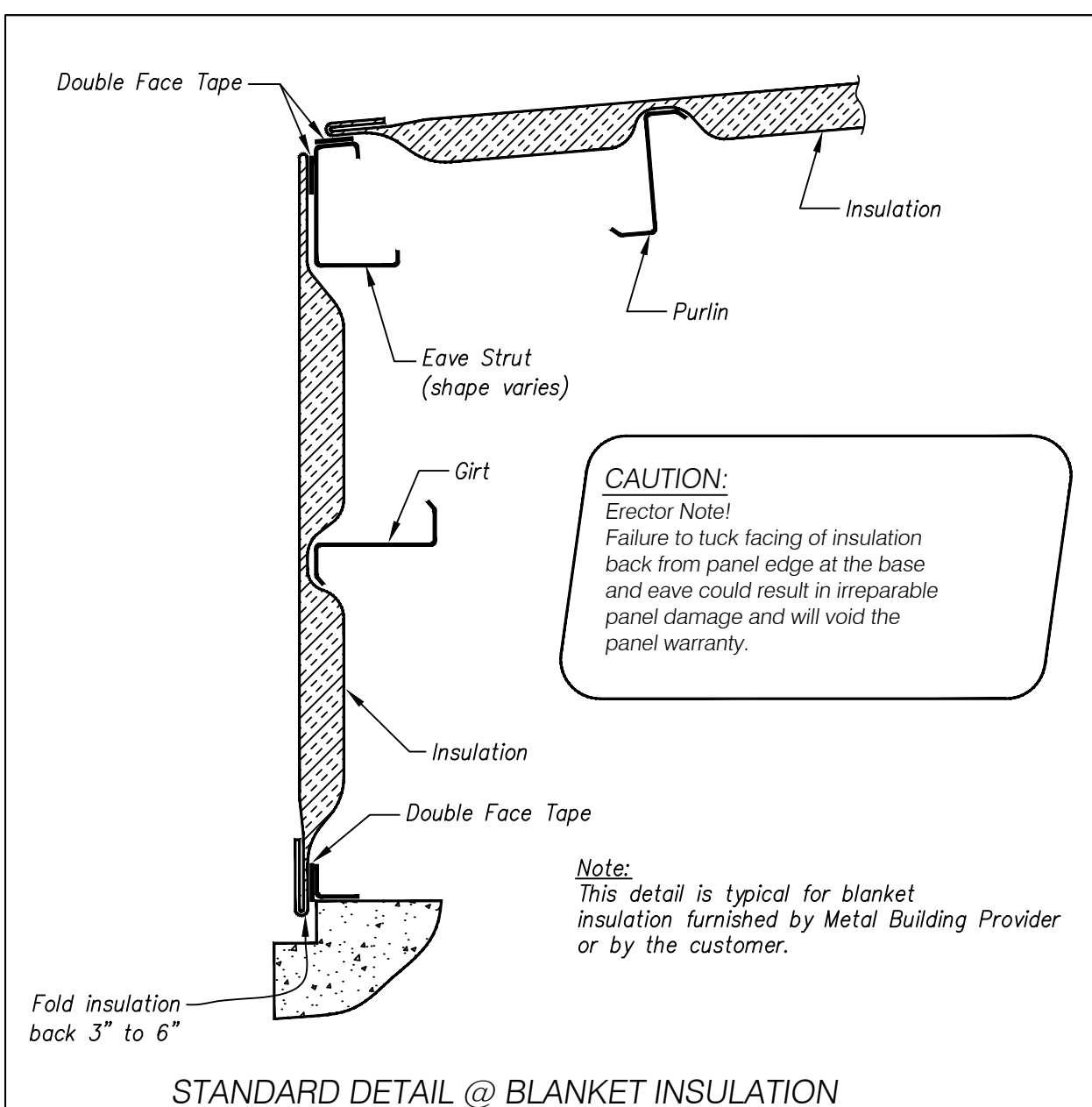


ISSUE	DATE	DESCRIPTION	BY	CHK	SHEET DESCRIPTION:	BLDG SIZE:
P1	11.03.25	FOR CONSTRUCTION PERMIT	PND	PNC	BUILDING SECTIONS	50'-0" X 120'-0" X 19'-0"
					CUSTOMER:	CUSTOMER LOCATION:
					LS3 ENDEAVORS LLC	EL PASO, TX 79928
					PROJECT REFERENCE:	
					LS3 ENDEAVORS LLC	
					JOB SITE LOCATION:	JOB SITE COUNTY:
					EL PASO, TX 79928	EL PASO
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
PND	PNC	11.03.25	MVK	14969-38574	E7	P1

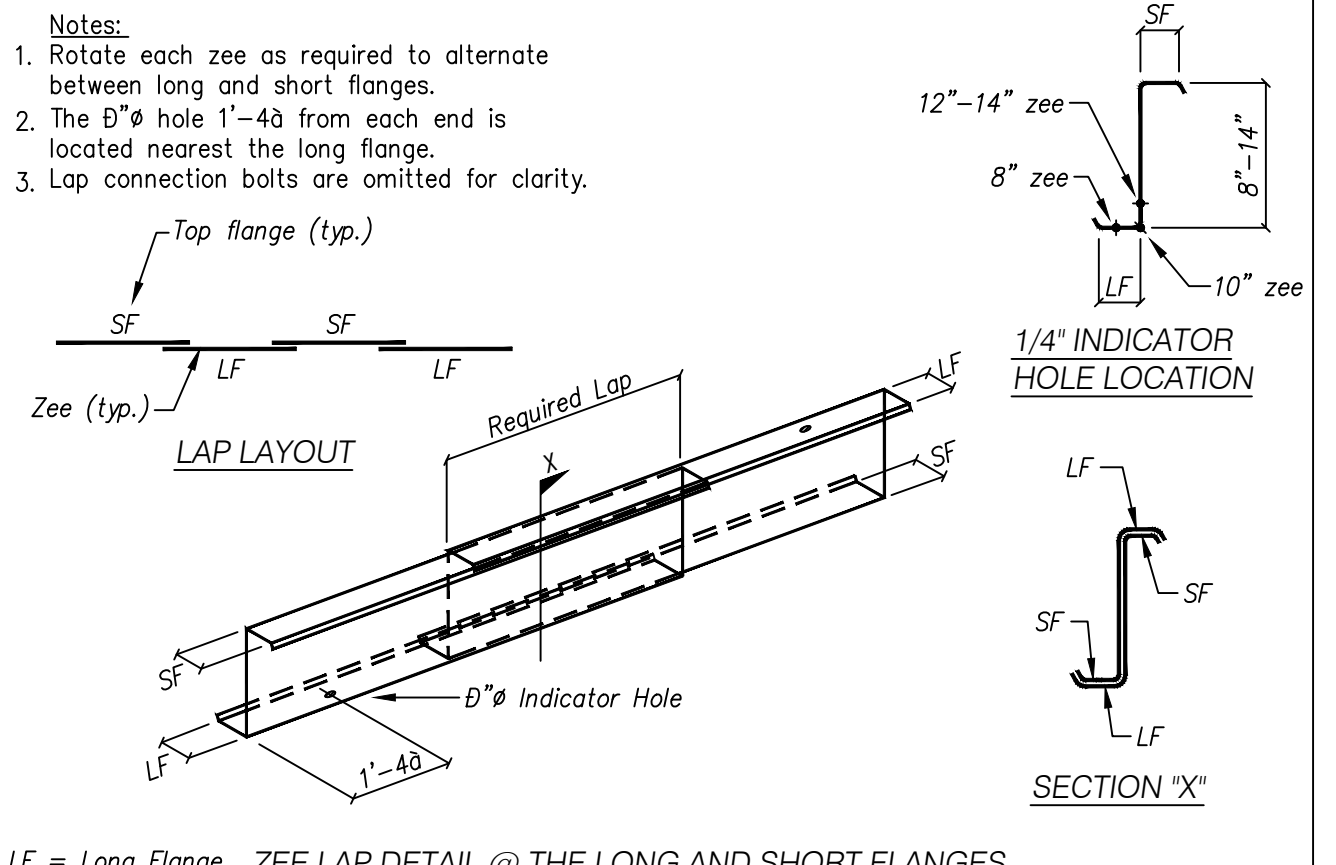
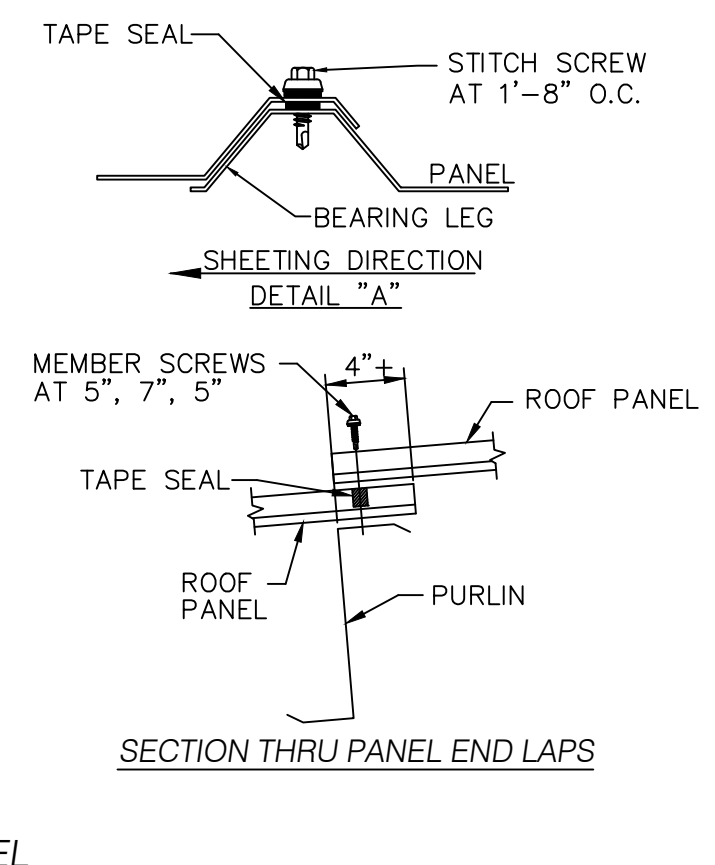
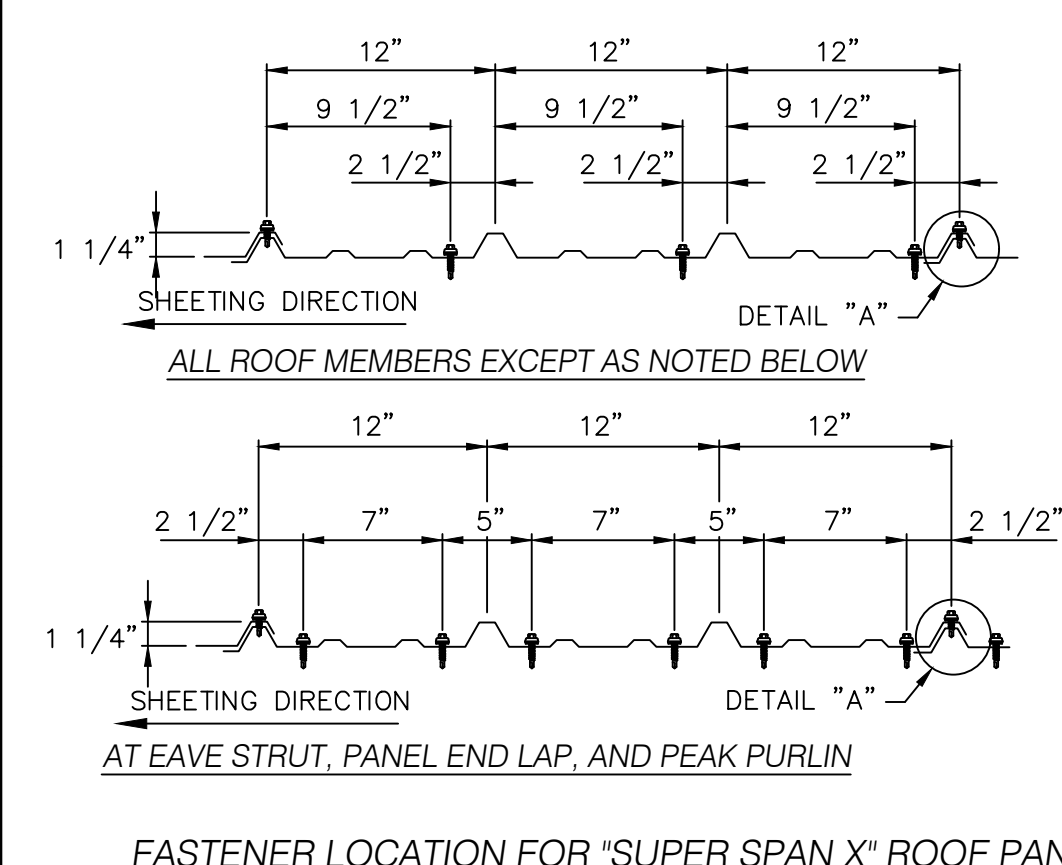
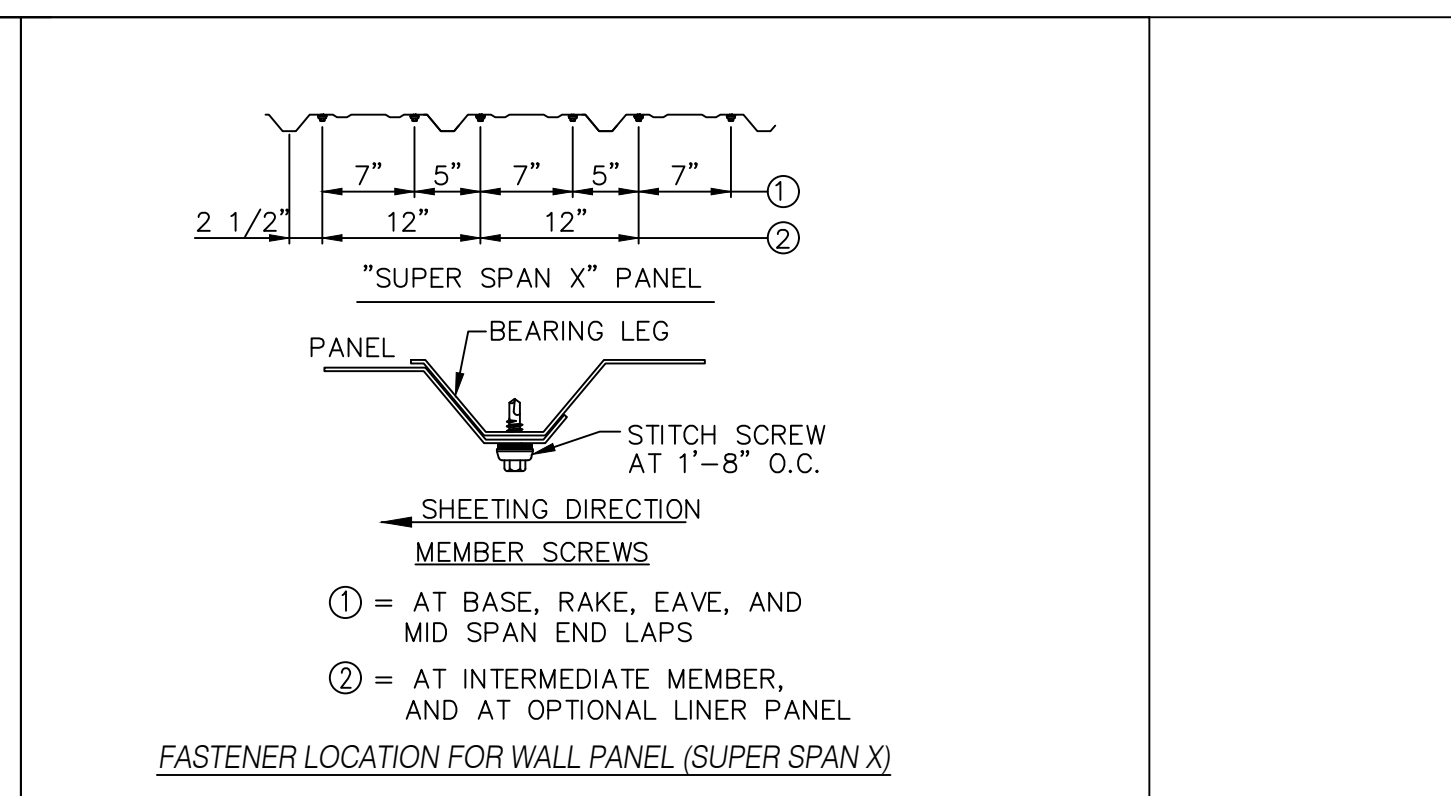
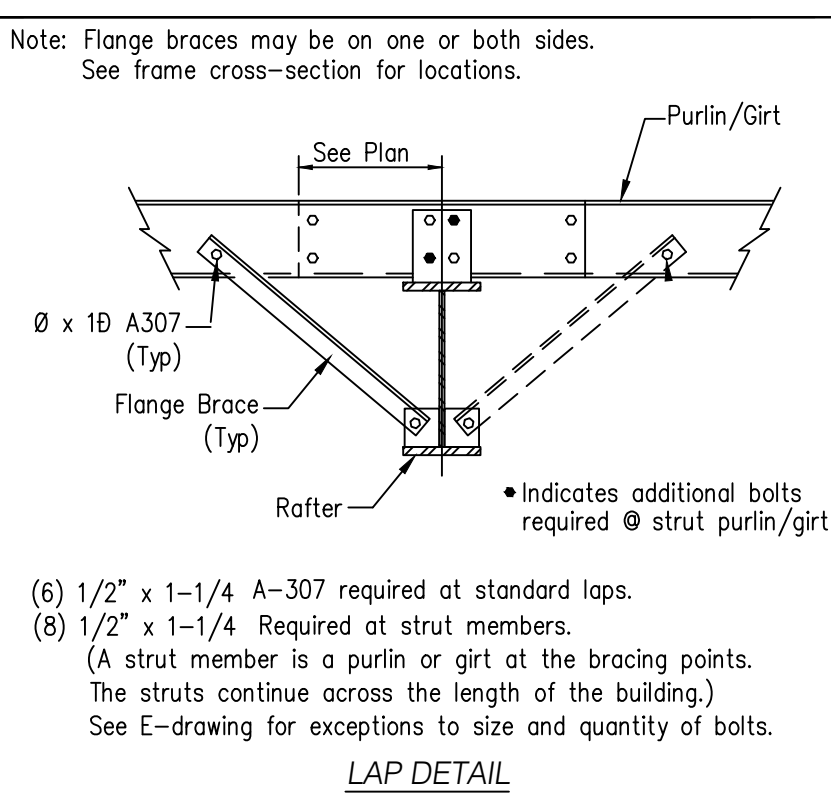
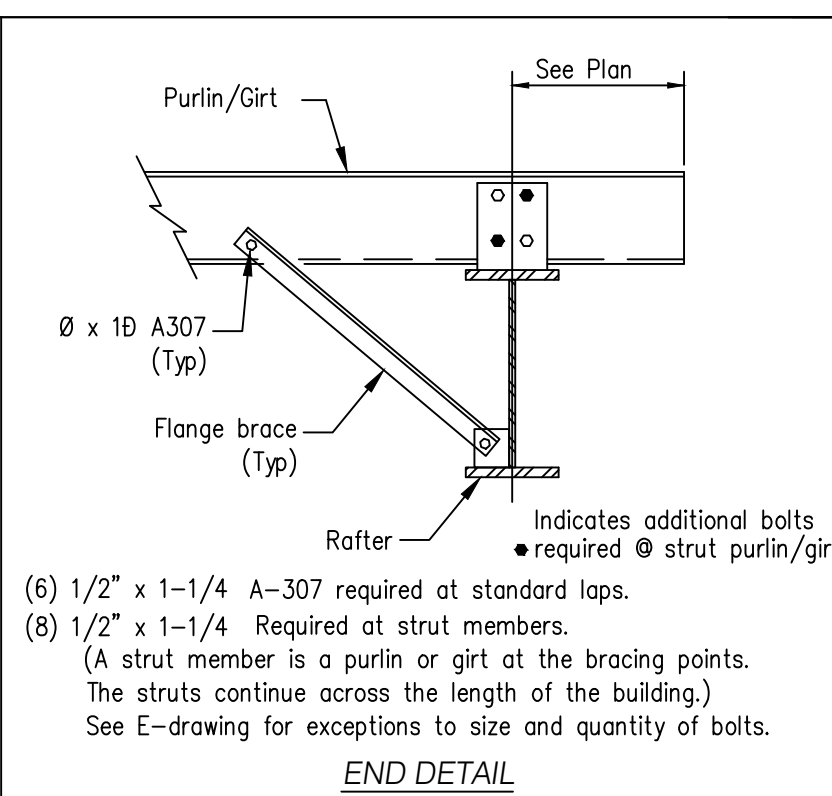
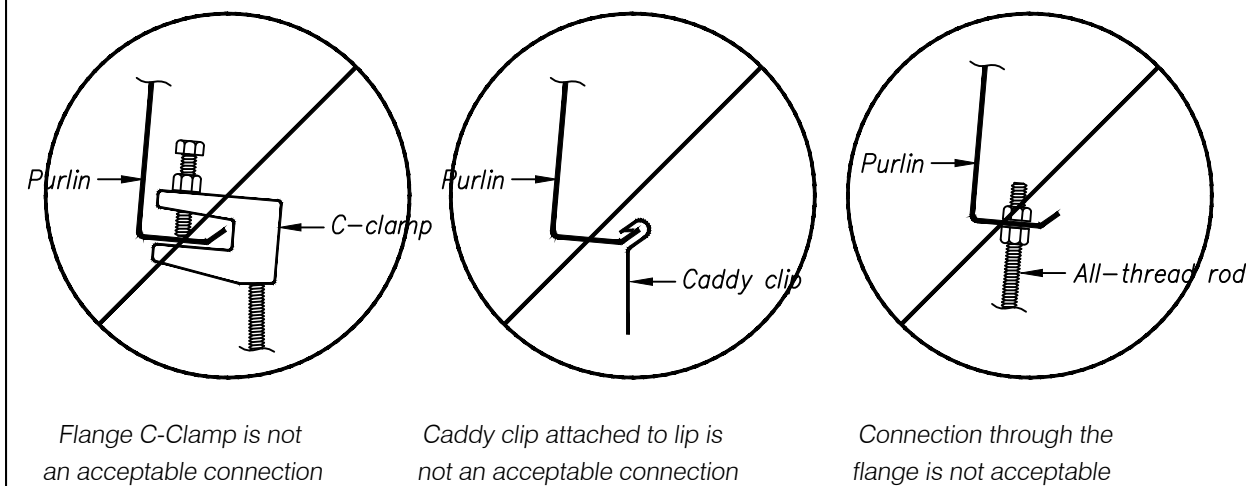
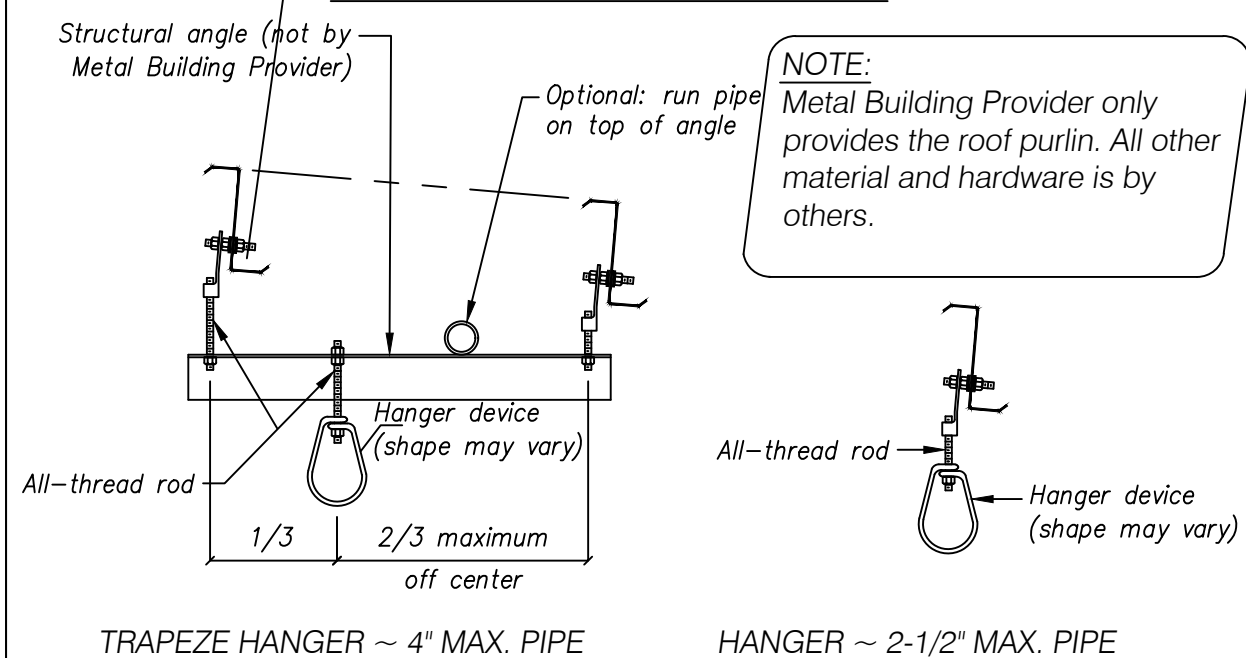
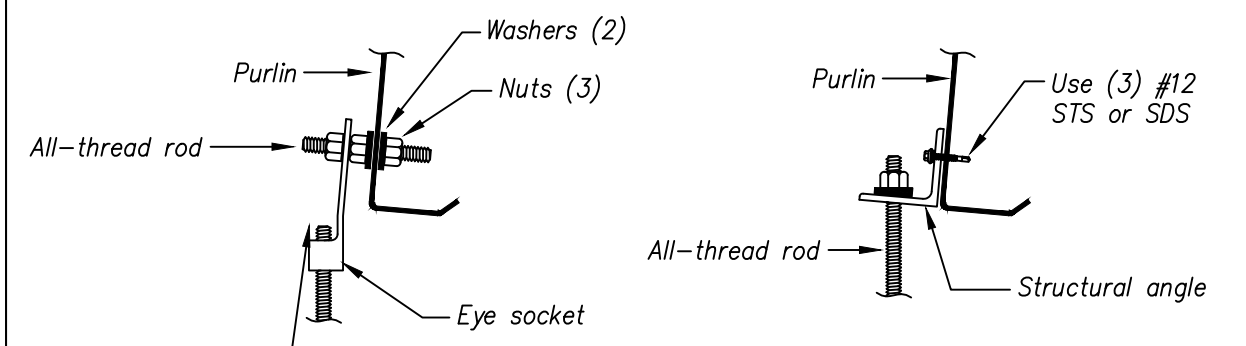


11/4/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

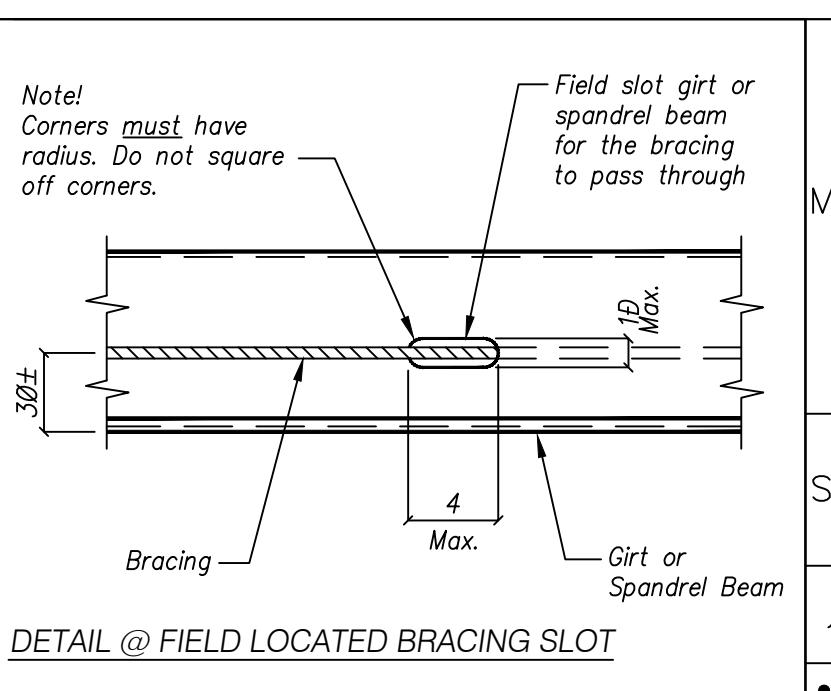


STANDARD DETAIL @ BLANKET INSULATION



BUILT-UP SECTION LEGEND

Flange Width (in inches)	Flange Thickness (in inches)	Web Thickness (in inches)
5 = 5	3 = 1	8 = 0
6 = 6	4 = 0	0 = 0
8 = 8	5 = 0	2 = 8ga.
0 = 10	6 = 0	1 = 1
2 = 12		4 = 0
		6 = 0



Description: 12-14 x 10 Hex Head Undercut (#12 x 10 Long-#3 Long Pilot Point Self-Drilling Life S.D.S.) Long-Life Zinc Die Cast Head

Seating Torque: 30 to 60 in-lbs

Recommended Driving Tool: 1800 RPM electric screw gun with depth sensing nosepiece to prevent overdriving and stripout

Suggested Pre-Drill: None

Actual Size

Description: 14 x 14 Hex Head Undercut (#14 x 14 Long-Life #1 Point Self-Drilling Lap Lap-Tek S.D.S.)

Seating Torque: 30 to 60 in-lbs

Recommended Driving Tool: 1800 RPM electric screw gun with depth sensing nosepiece to prevent overdriving and stripout

Suggested Pre-Drill: None

Actual Size

- MEMBER SCREWS
- 12-14 x 1-1/4" LONG-LIFE Driller
 - **12-14 x 1-1/2" LONG-LIFE Driller
 - ***12-14 x 2" LONG-LIFE Driller
- STITCH SCREWS
- 14 x 7/8" LONG-LIFE Lap-Tek
- 1/8" Stainless Steel Pop Rivet (Grip Range 0" - 1/8")

- STANDARD FASTENERS MISCELLANEOUS
- 1/4-14 x 1-1/4" HWH TCP2 5/16" HEAD SELF-DRILLER - NO SEALING WASHER - ZINC-PLATED
 - 1/4-14 x 1-1/4" HWH SHOULDERS TCP3 5/16" HEAD SELF-DRILLER - NO SEALING WASHER - ZINC-PLATED
 - #12 x 1" PANCAKE HEAD SDS QUADREX DRIVE, ZINC-PLATED
- NOTES:
Seating Torque: 30 - 60 in-lbs
Recommended Driving Tool: 1800 RPM screw gun with depth sensing nosepiece to prevent overdriving and stripout

REFER TO THE BOM/SHIPPER FOR MEMBER SCREW LENGTH.
REFER TO THE ROOF & WALL PANELS DETAILS FOR MEMBER AND STITCH SCREWS LOCATIONS.

STANDARD SCREWS FOR SCREW DOWN ROOF/WALL PANELS

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FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.

FOR ERECTOR INSTALLATION: Final drawings for construction.

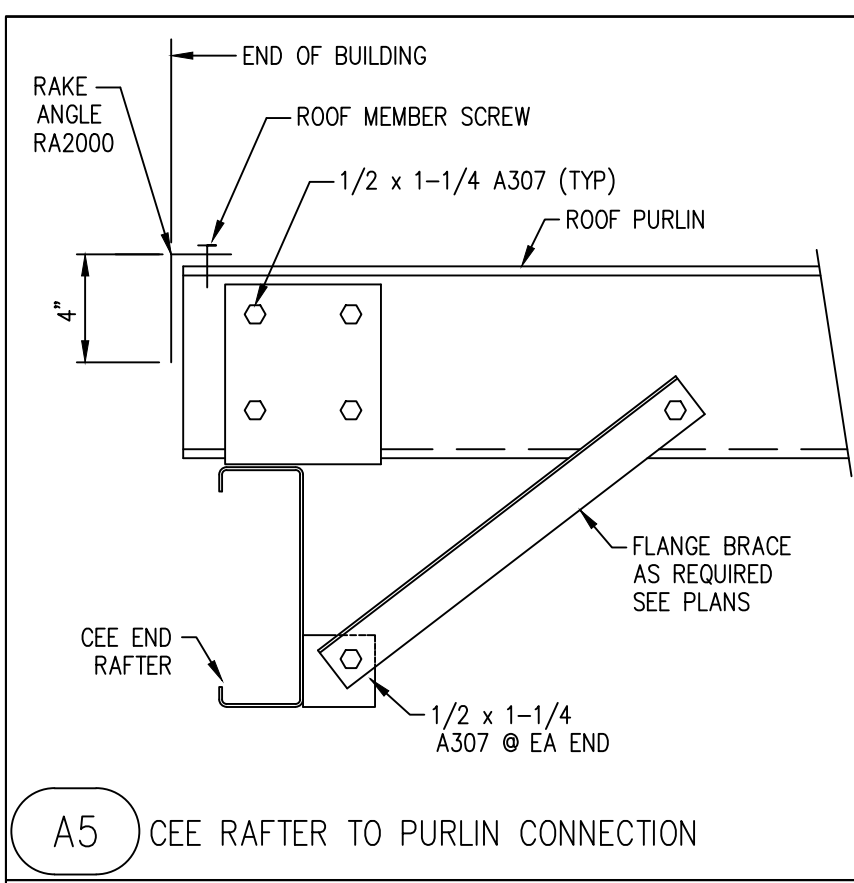


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						LS3 ENDEAVORS LLC	EL PASO, TX 79928
						PROJECT REFERENCE:	
						LS3 ENDEAVORS LLC	
						JOB SITE LOCATION:	JOB SITE COUNTY:
						EL PASO, TX 79928	EL PASO
						DWN:	ENG:
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						11.03.25	14969-38574
						DWG NO:	ISSUE:
						01	P1

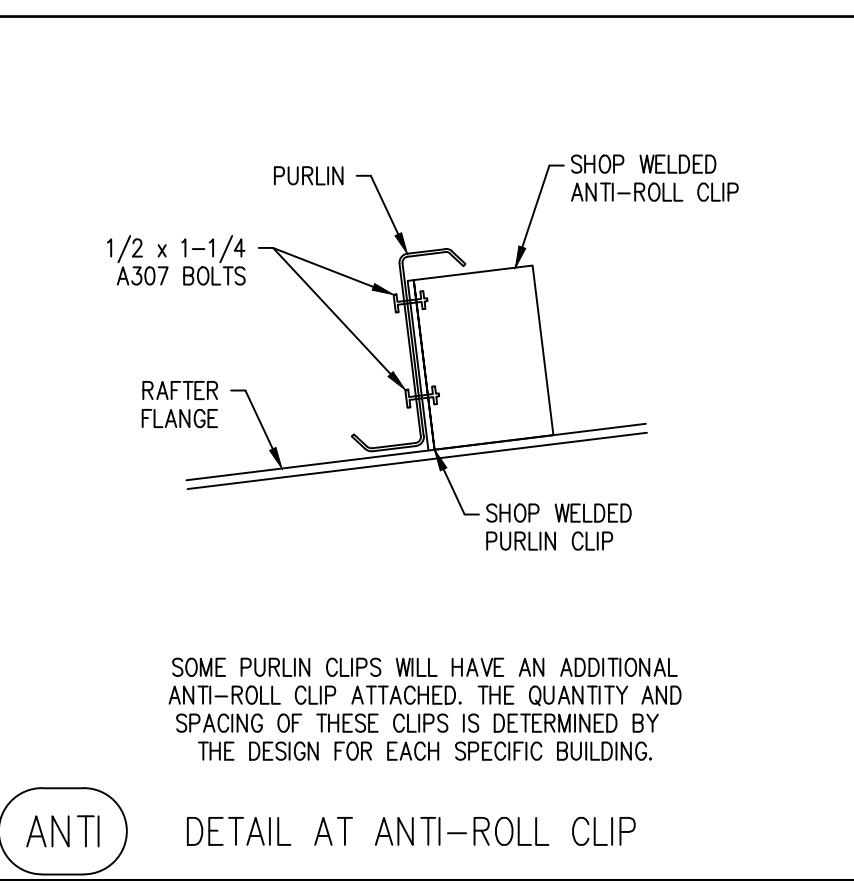


CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

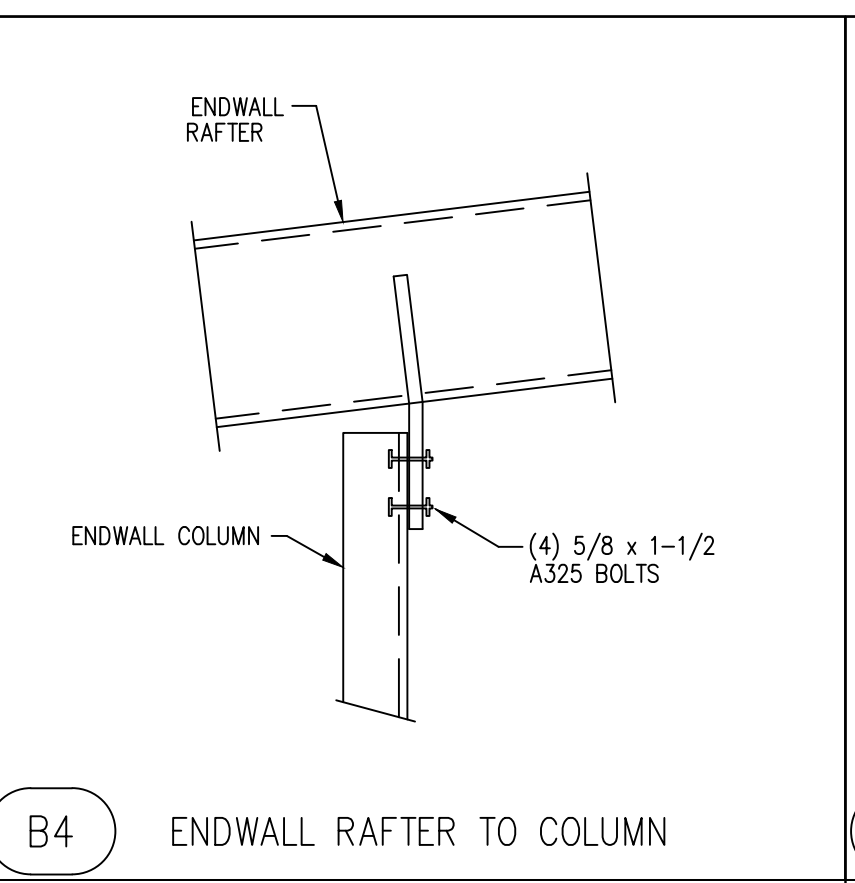
11/4/2025



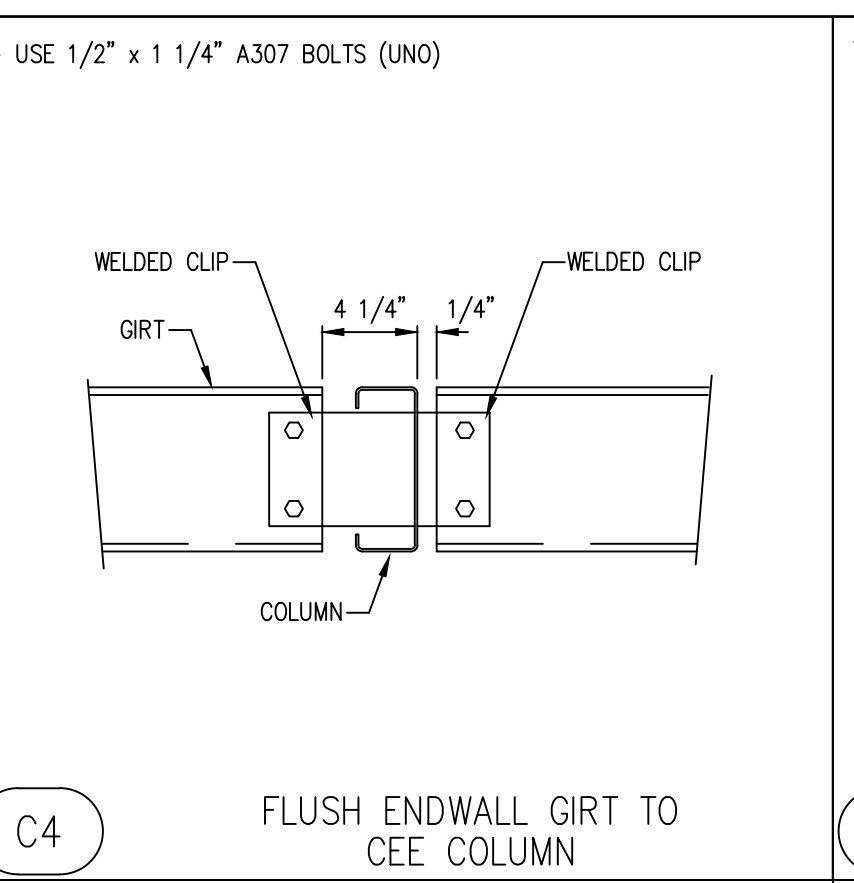
A5 CEE RAFTER TO PURLIN CONNECTION



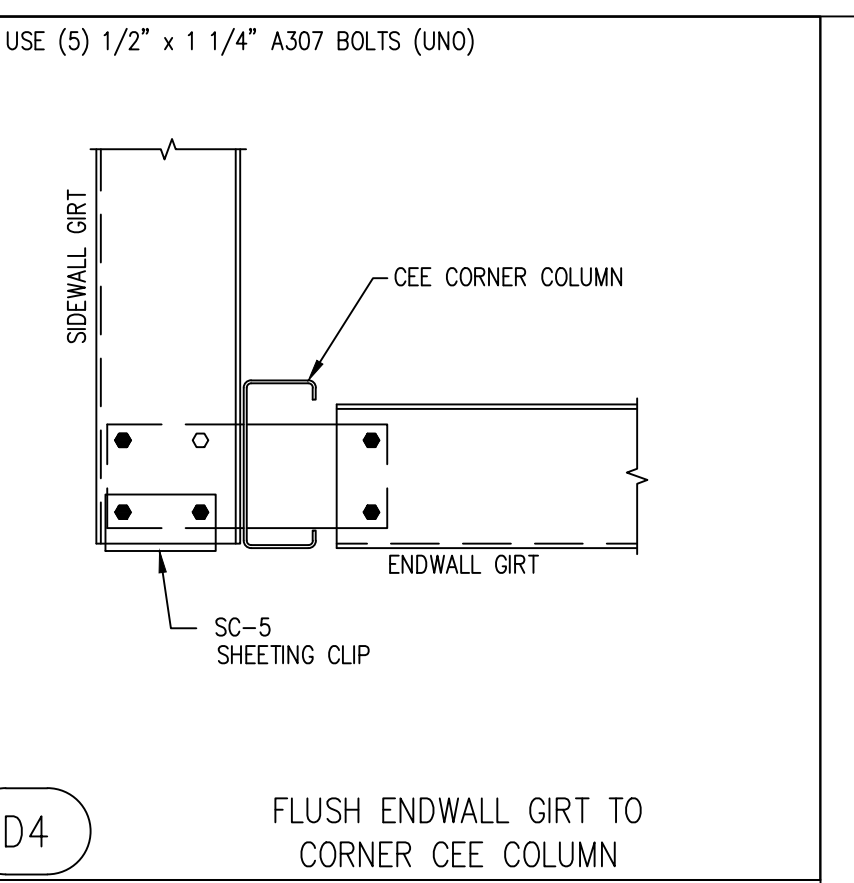
ANTI DETAIL AT ANTI-ROLL CLIP



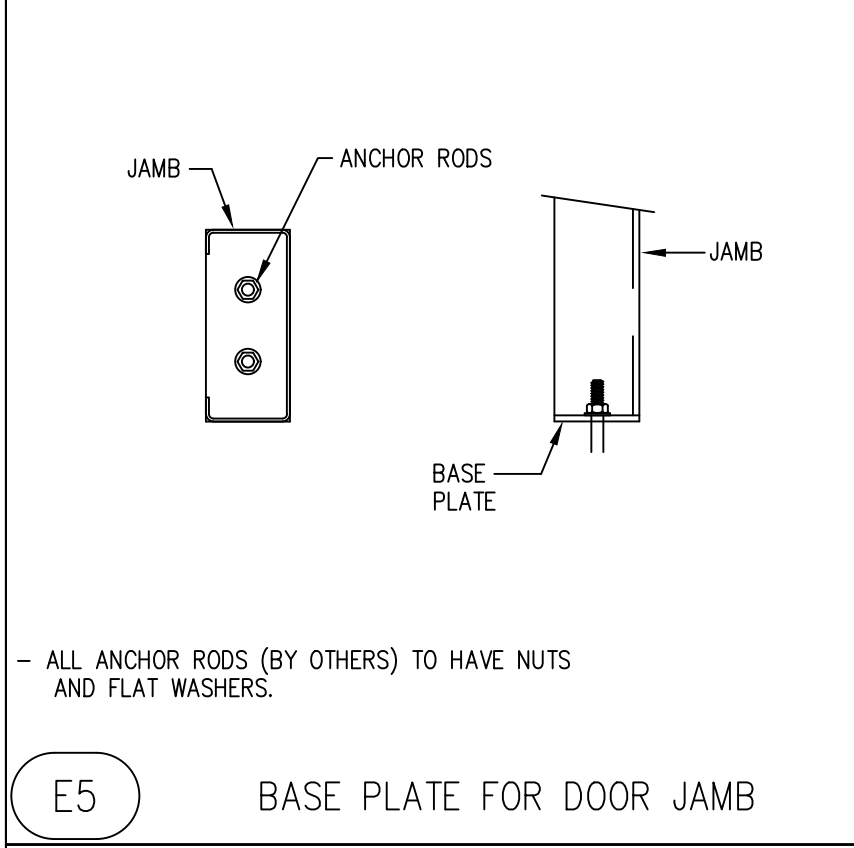
B4 ENDWALL RAFTER TO COLUMN



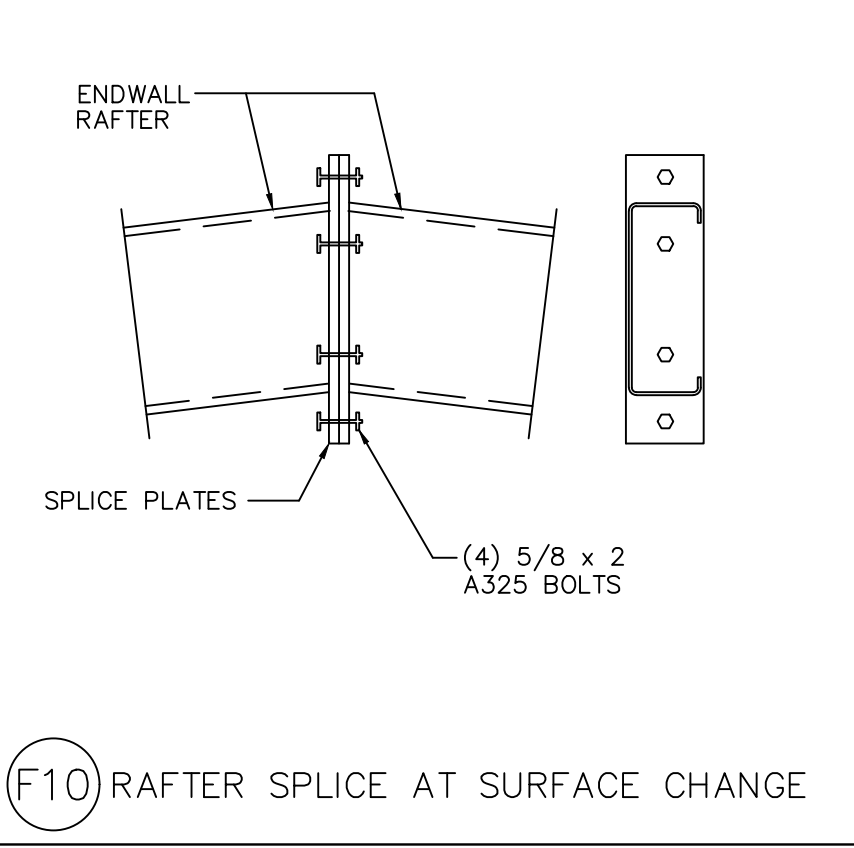
C4 FLUSH ENDWALL GIRT TO CEE COLUMN



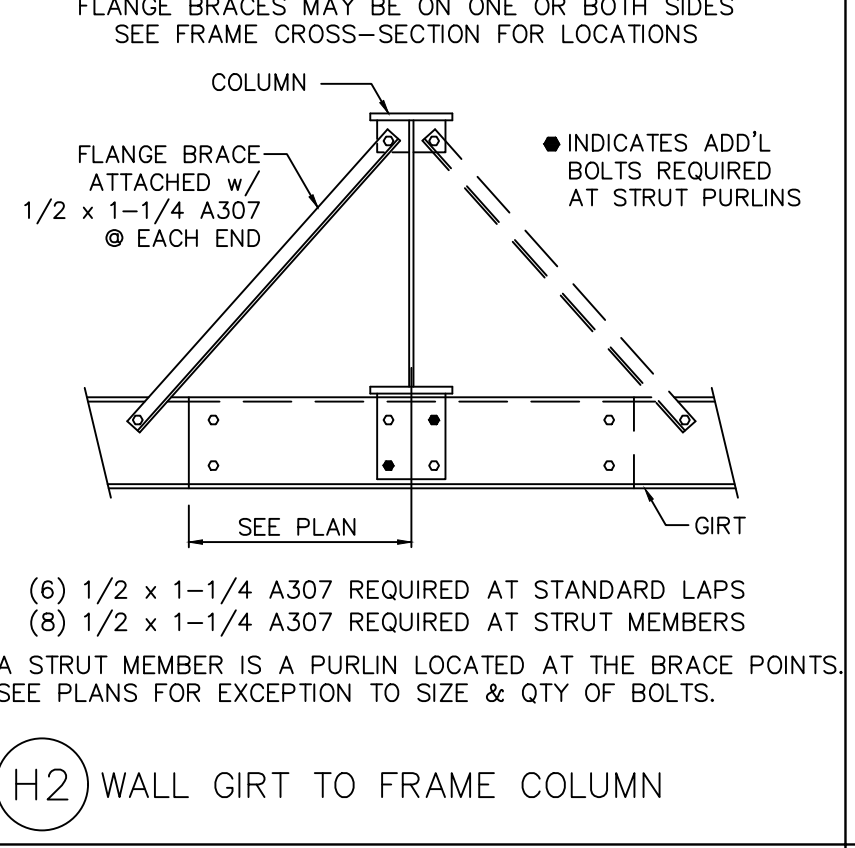
D4 FLUSH ENDWALL GIRT TO CORNER CEE COLUMN



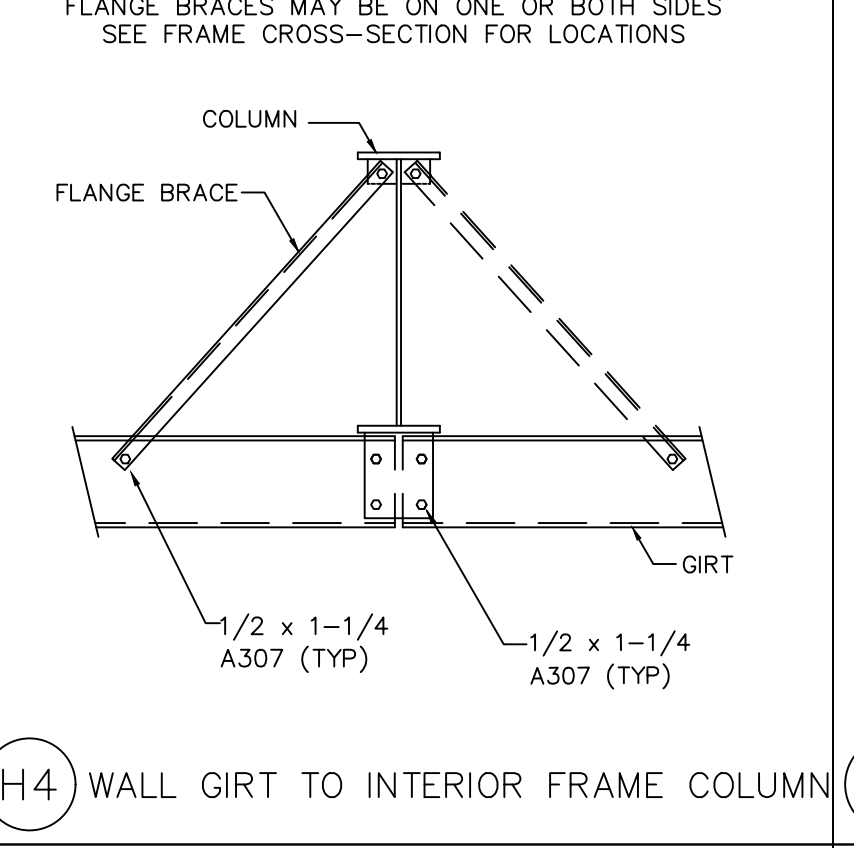
E5 BASE PLATE FOR DOOR JAMB



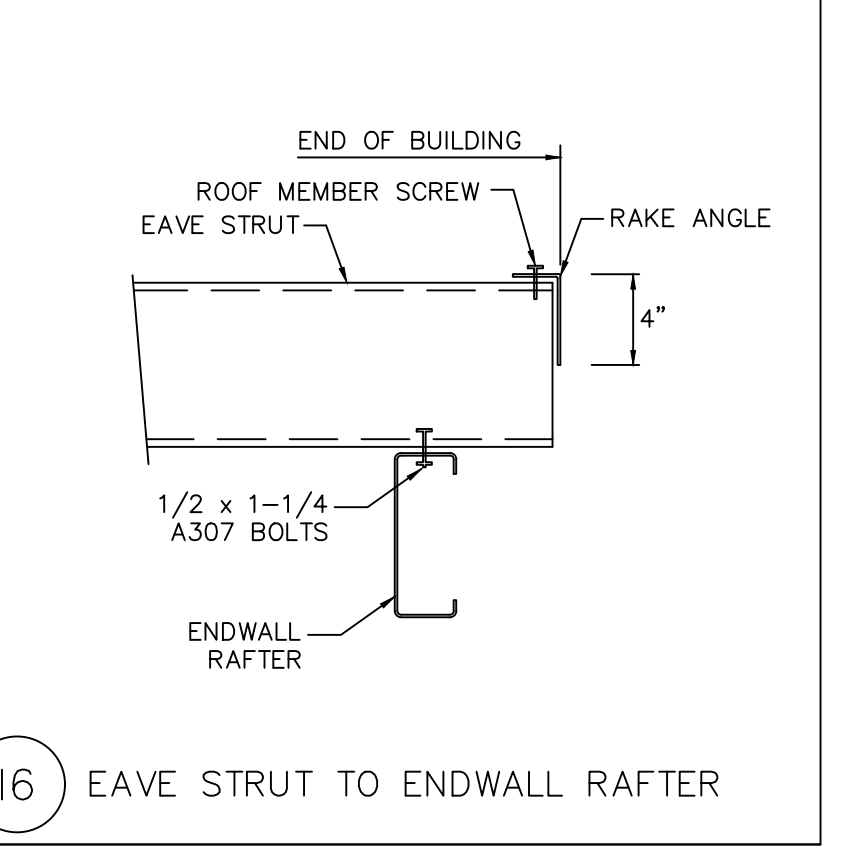
F10 RAFTER SPLICE AT SURFACE CHANGE



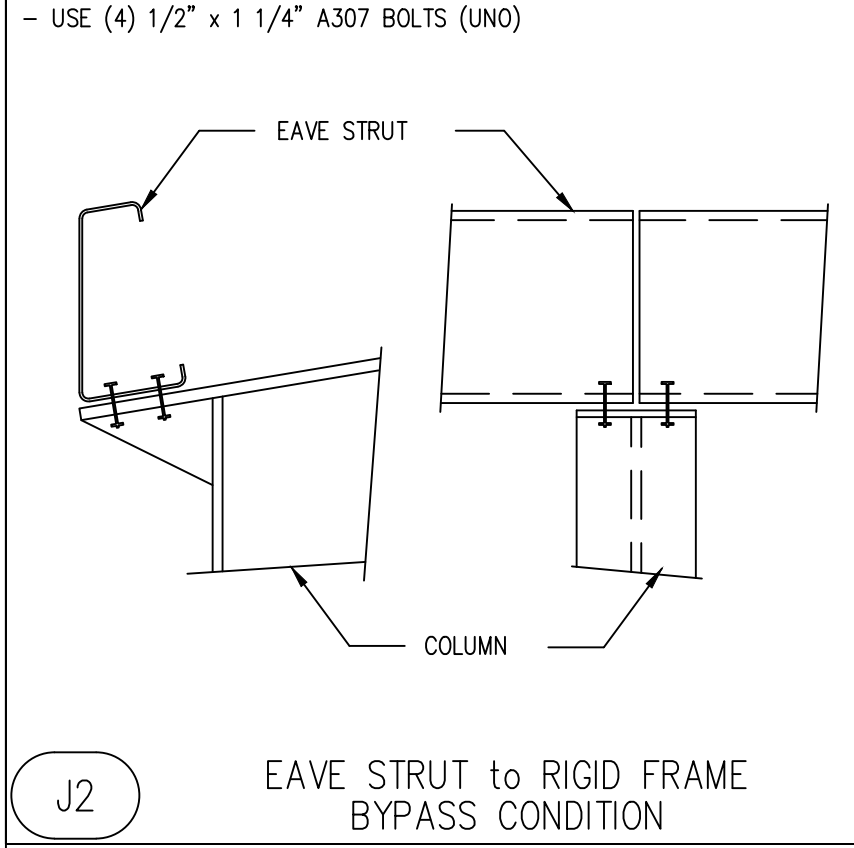
H2 WALL GIRT TO FRAME COLUMN



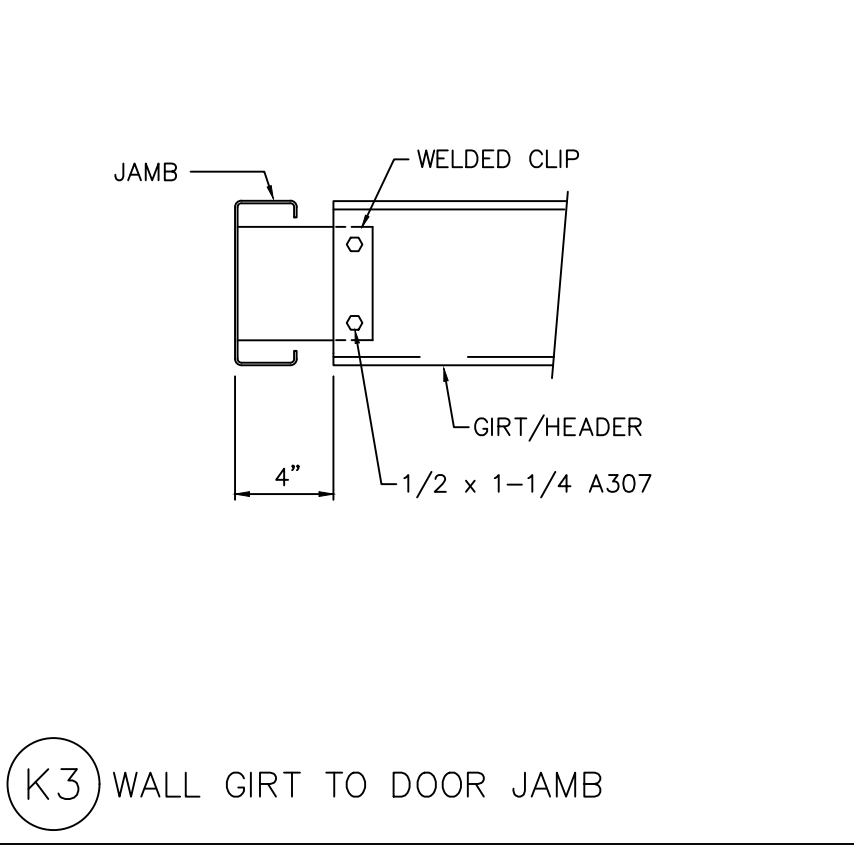
H4 WALL GIRT TO INTERIOR FRAME COLUMN



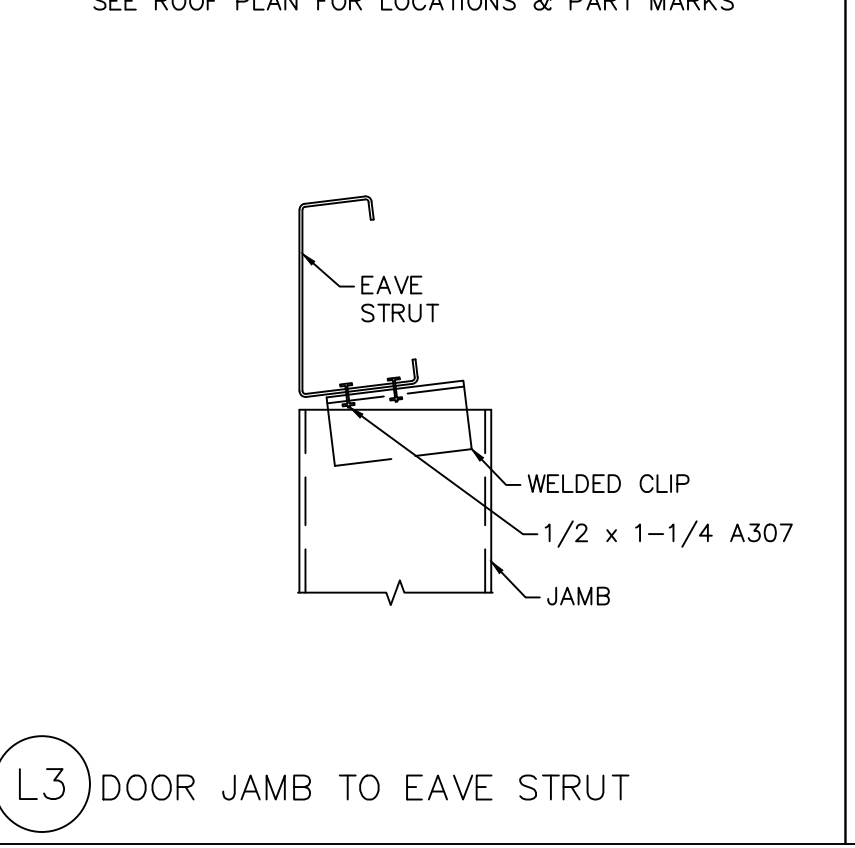
I6 EAVE STRUT TO ENDWALL RAFTER



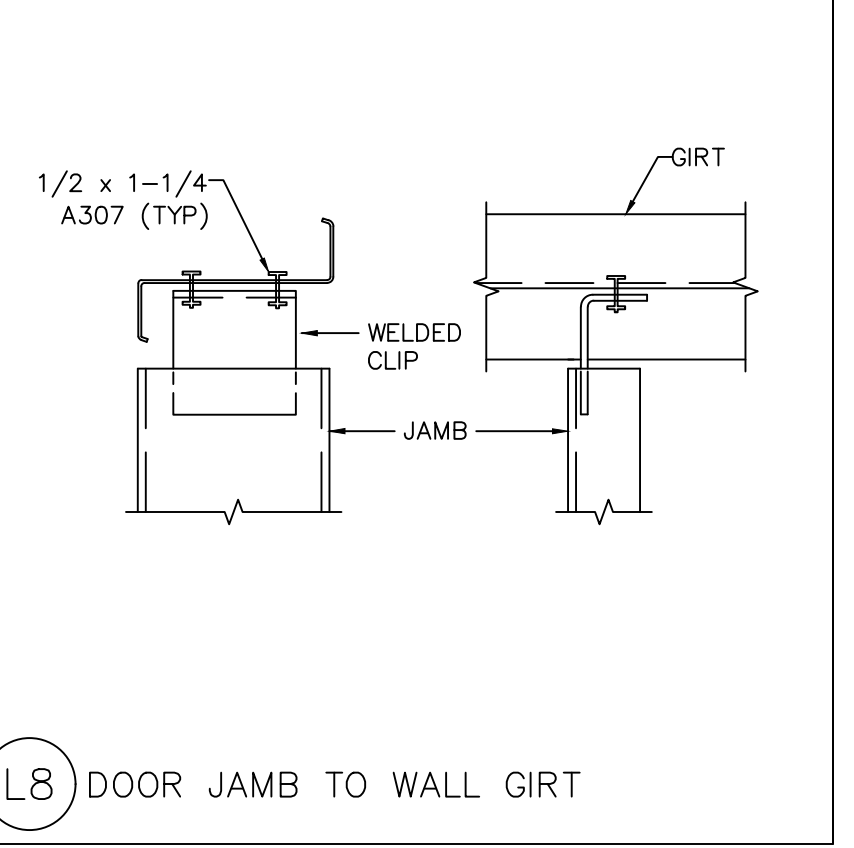
J2 EAVE STRUT TO RIGID FRAME BYPASS CONDITION



K3 WALL GIRT TO DOOR JAMB



L3 DOOR JAMB TO EAVE STRUT

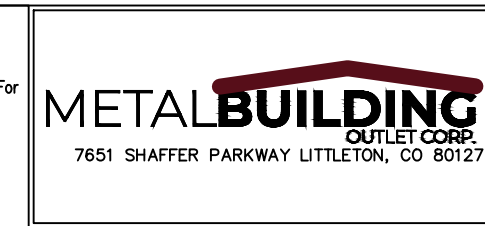


L8 DOOR JAMB TO WALL GIRT

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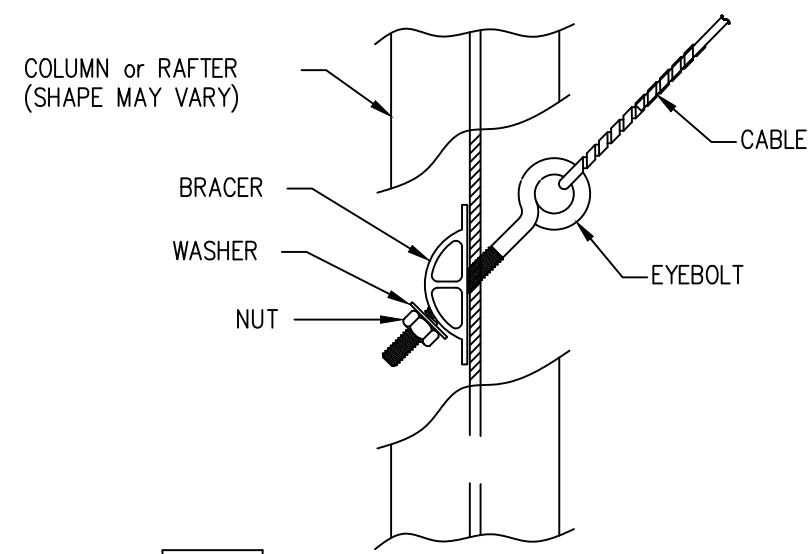
FOR ERECTOR INSTALLATION: Final drawings for construction.



ISSUE	DATE	DESCRIPTION	BY	CHK
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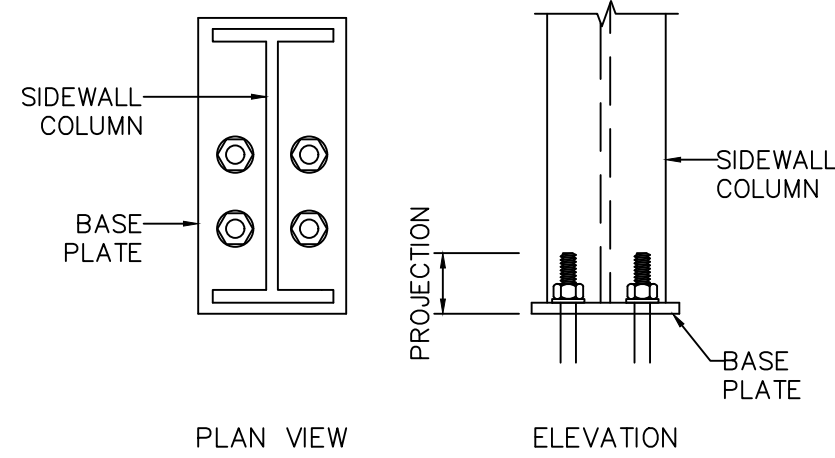
SHEET DESCRIPTION: STANDARD DETAIL PAGE		BLDG SIZE: 50'-0" X 120'-0" X 19'-0"	
CUSTOMER: LS3 ENDEAVORS LLC		CUSTOMER LOCATION: EL PASO, TX 79928	
PROJECT REFERENCE: LS3 ENDEAVORS LLC			
JOB SITE LOCATION: EL PASO, TX 79928		JOB SITE COUNTY: EL PASO	
DWN: PND	CHK: PNC	DATE: 11.03.25	ENG: MWK
JOB NO: 14969-38574	DWG NO: 02	ISSUE: P1	



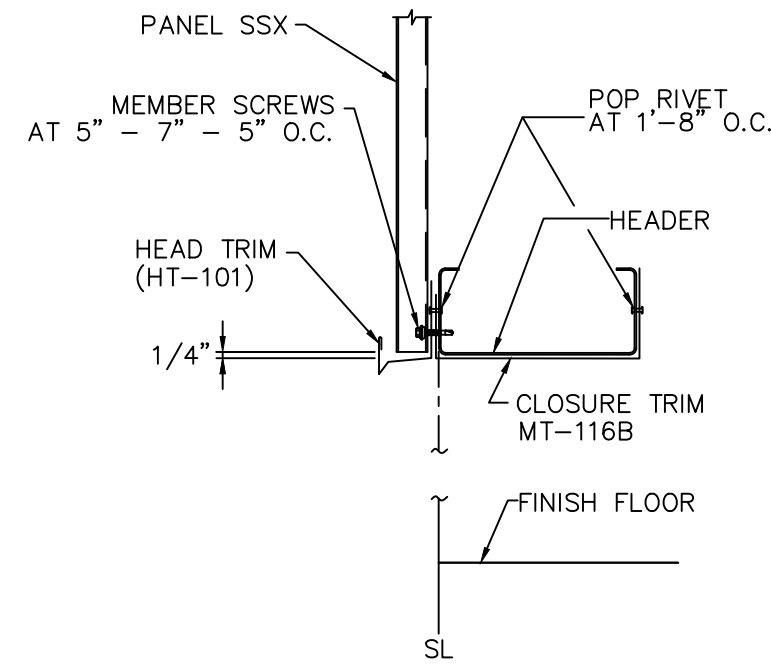


CABLE SIZE	BRACER	WASHER	NUT
1/4"	BRACER #1	F844 1/2"	A563 1/2"
5/16"	BRACER #1	F844 5/8"	A563 5/8"
3/8"	BRACER #2	F844 3/4"	A563 3/4"
1/2"	BRACER #2	F844 7/8"	A563 7/8"

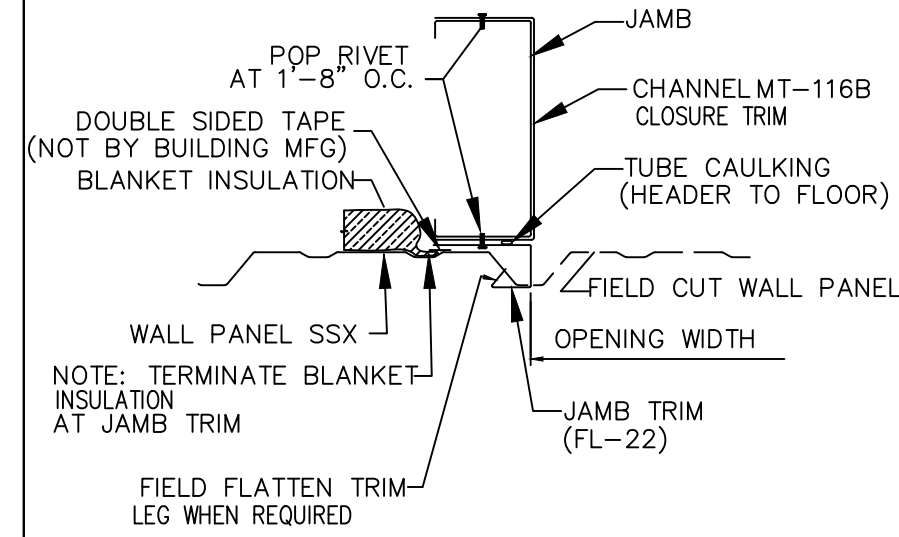
Q2 DIAGONAL CABLE BRACING INSTALLATION



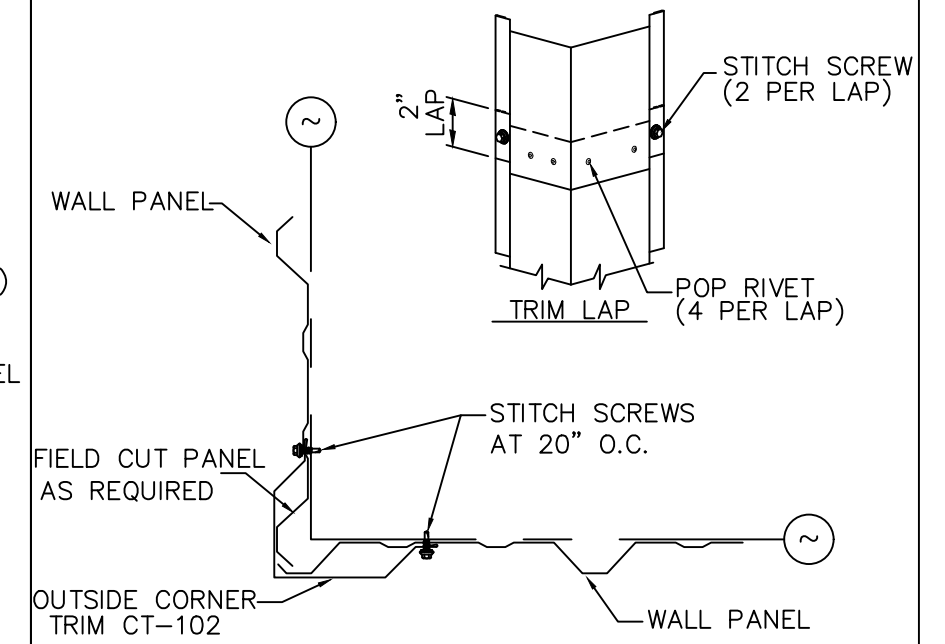
R2 ANCHOR RODS AT SIDEWALL COLUMN



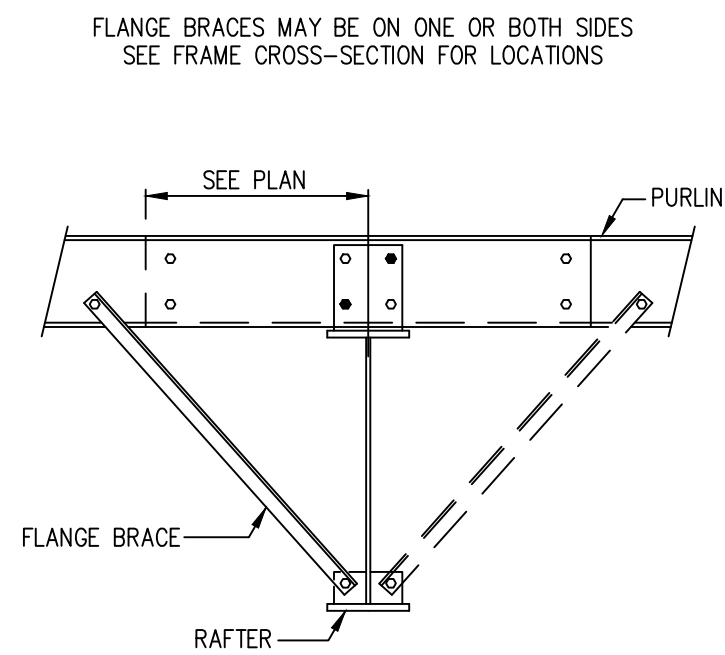
F1 HEAD TRIM INSTALLATION (SUPER SPAN X)



F2 JAMB TRIM INSTALLATION (SUPER SPAN X)



C1 CORNER TRIM INSTALLATION (SUPER SPAN X)



● INDICATES ADD'L BOLTS REQUIRED AT STRUT PURLINS

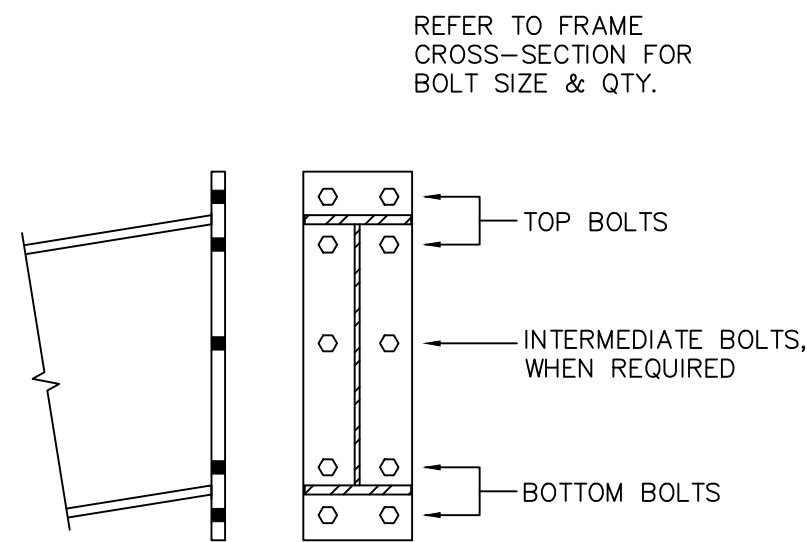
A STRUT MEMBER IS A PURLIN LOCATED AT THE BRACE POINTS

BOLT REQUIREMENTS

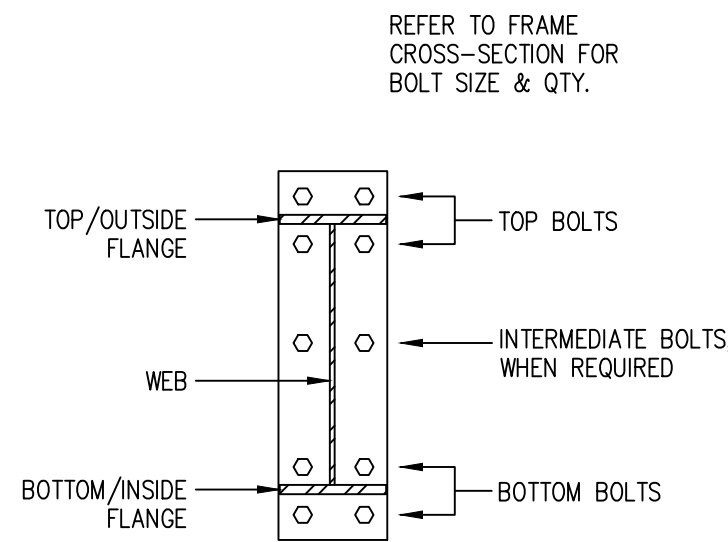
****ALL BOLTS ARE 1/2" x 1 1/4" A307 (UNO)****
 (6) BOLTS ARE REQUIRED AT STANDARD LAPS
 (8) BOLTS ARE REQUIRED AT STRUT MEMBERS
 (2) BOLTS ARE REQUIRED AT FLANGE BRACES

SEE PLANS FOR EXCEPTIONS TO SIZE & QTY OF BOLTS.

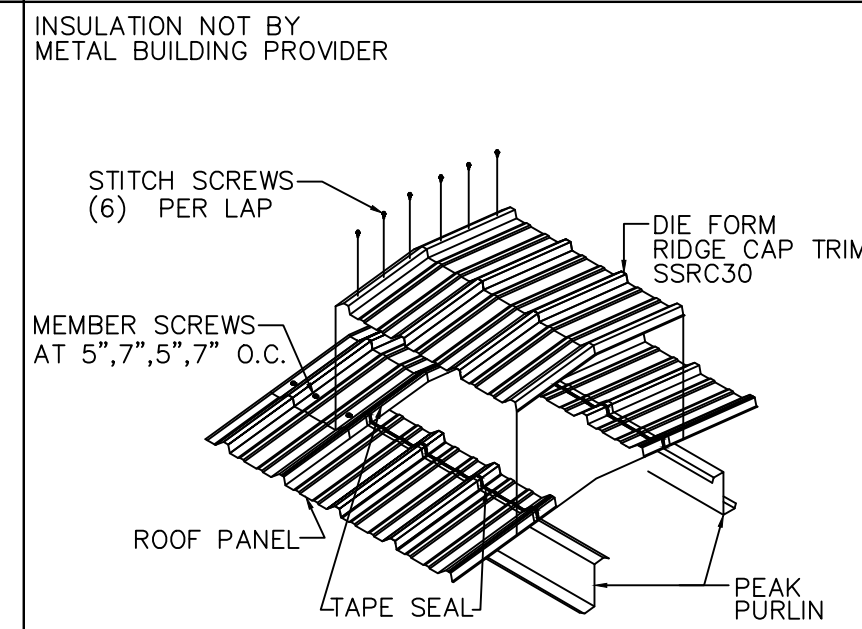
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



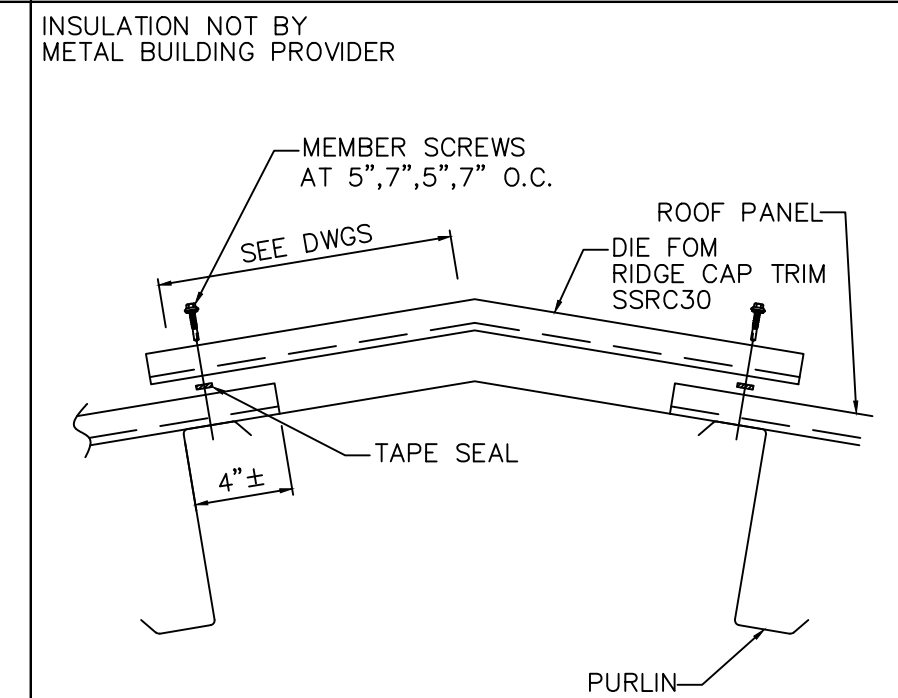
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



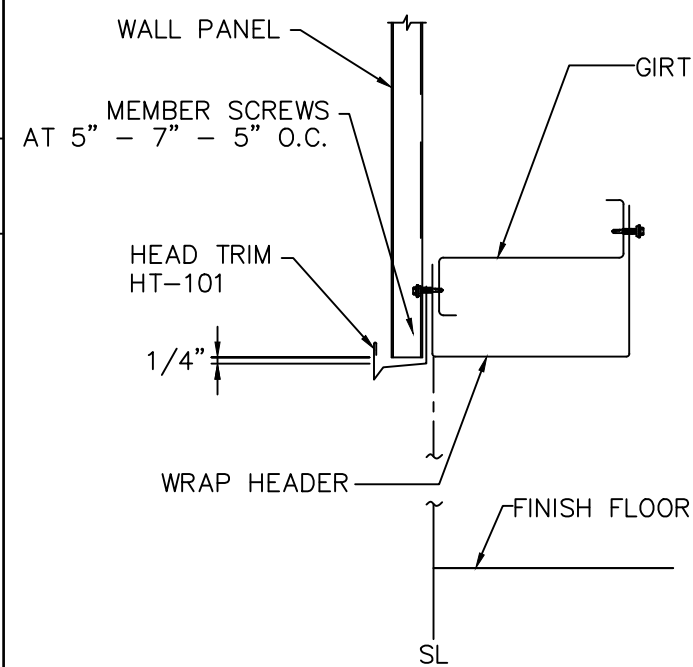
U3 BOLTS FOR RAFTER TO COLUMN CONNECTION



TRIM_54 DIE FORMED RIDGE CAP INSTALLATION (SUPER SPAN X)

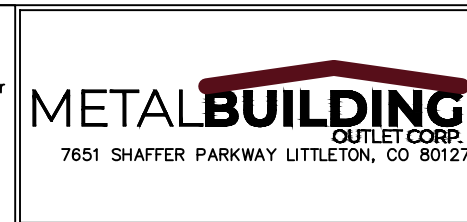


TRIM_55 DIE FORM RIDGE CAP INSTALLATION (SUPER SPAN X)



F4 HEAD TRIM INSTALLATION (SUPER SPAN X PANEL)

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					PROJECT REFERENCE:	
					LS3 ENDEAVORS LLC	
					JOB SITE LOCATION:	JOB SITE COUNTY:
					EL PASO, TX 79928	EL PASO
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
PND	PNC	11.03.25	MVK	14969-38574	03	P1

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.



F-12081
 11/4/2025