

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: South Carolina Building Code 2021
 Hot-rolled version: AISC 360-16
 Cold-formed version: ISI S100-16

GENERAL LOADS

Dead Load: 2.04 psf
 Roof Collateral Load: 2.00 psf (Misc.)
 Sprinkler Load: 0.00 psf
 Roof Live Load: 20.00 psf
 Tributary Live Load Reduction: YES
 Rainfall Intensity: 7.27 in/hr (5-minute duration 5-year recurrence)

WIND LOAD

Wind Load (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: 5.00 Ft

SNOW LOAD

Ground Snow Load: 10.00 psf
 Roof Snow Load: 10.00 psf
 Importance Factor: 1.00
 Exposure Factor: 1.00
 Thermal Factor: 1.00
 Slope Factor: 1.00

DEFLECTION CRITERIA

Main Frames Horizontal: H/60 Roof Panels: L/60
 Main Frames Vertical: L/180 Purlins: L/180
 Bearing Frame Rafter: L/180 Wall Panels: L/60
 Endwall Columns: L/120 Girts: L/80
 Wind Frame Horizontal: H/60

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): 0.3211
 Structural Response Acceleration(S1): 0.1053
 Site Class: D
 Design Spectral Response (Sds): 0.3302
 Design Spectral Response (Sd1): 0.1673
 Seismic Design Category: C

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

Response Modification Factor(s): 3.0 3.0
 Deflection Amplification: 3.0 3.0
 Sesimic Response Coefficient(s) (Cs): 0.1101 0.1101
 Design Base Shear V: 3.20 (Kips) 3.19 (Kips)
 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 Light Stone

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's & Headers: Pre-Galvanized
 Base Angle Finish: N/A

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

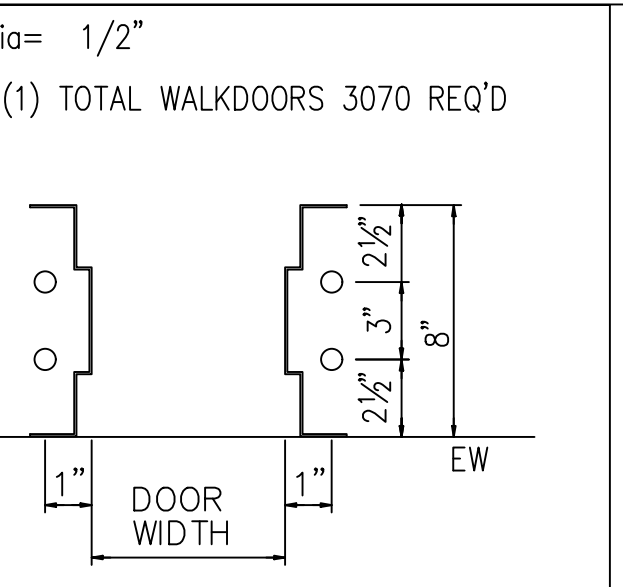
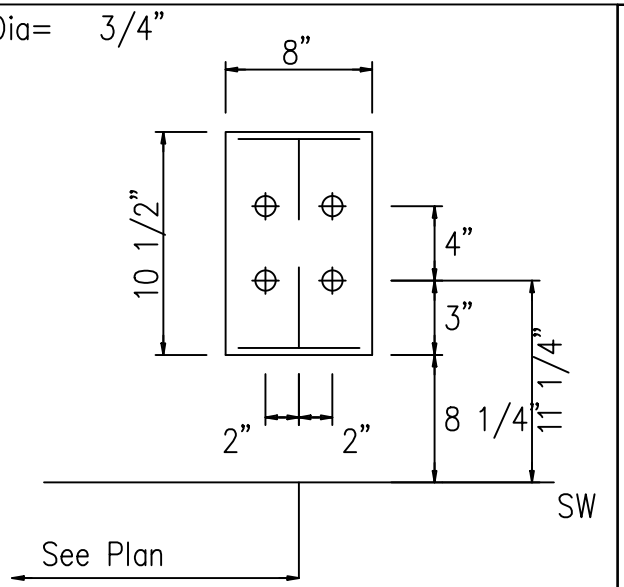
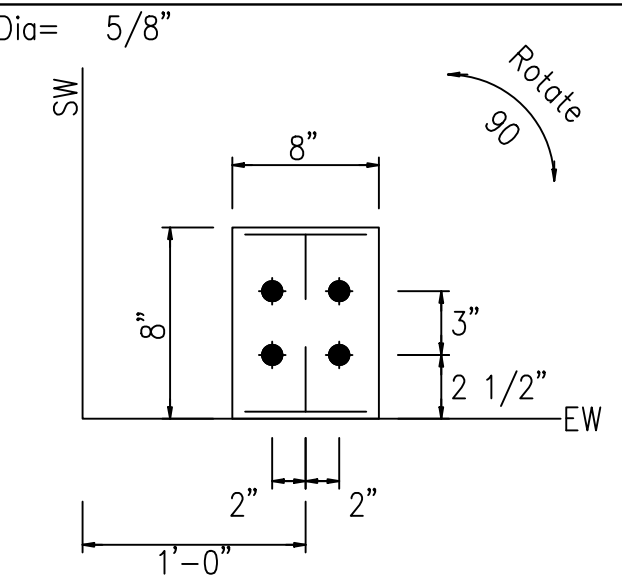
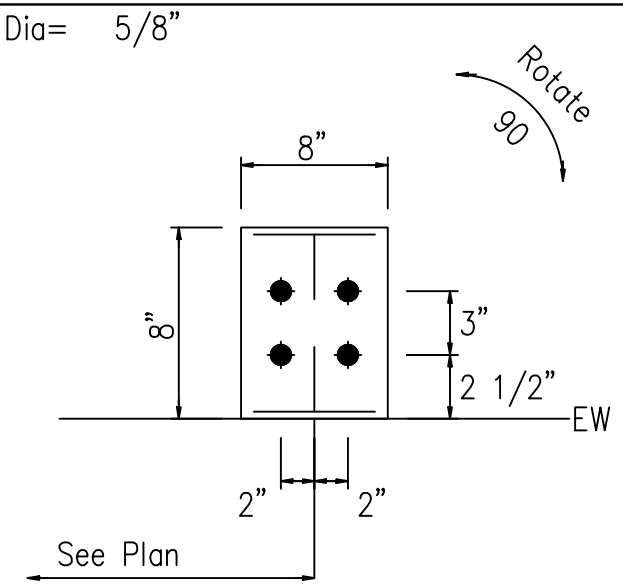
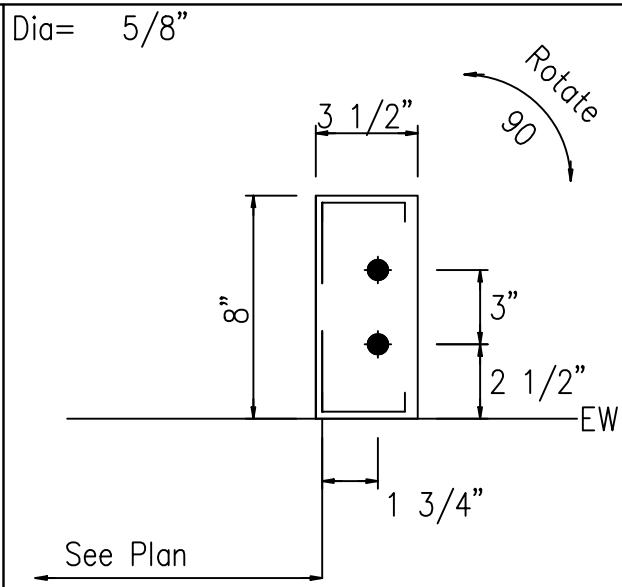
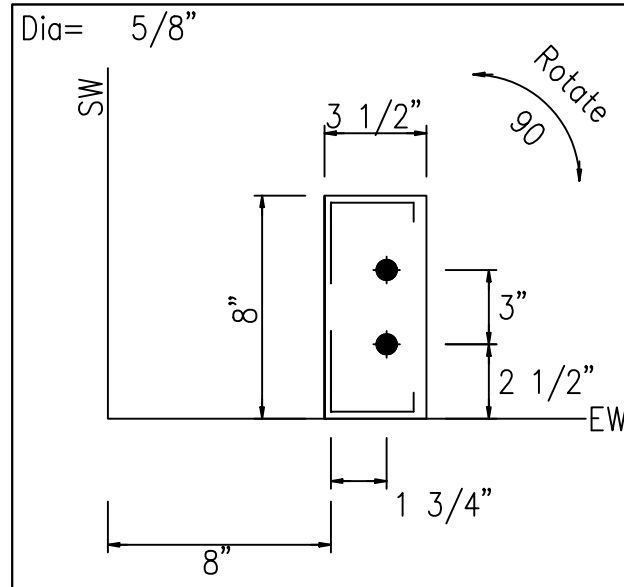
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C1	0	08.28.23	COVER SHEET
F1	0	08.28.23	ANCHOR BOLT PLAN & DETAILS
F2	0	08.28.23	ANCHOR BOLT REACTIONS
P1	0	08.28.23	RIGID FRAME ELEVATION
E1	0	08.28.23	ROOF FRAMING PLAN
E2	0	08.28.23	ROOF SHEETING PLAN
E3	0	08.28.23	ENDWALL FRAME & SHEETING ELEVATION
E4	0	08.28.23	ENDWALL FRAME & SHEETING ELEVATION
E5	0	08.28.23	SIDEWALL FRAME & SHEETING ELEVATION
E6	0	08.28.23	SIDEWALL FRAME & SHEETING ELEVATION
E7	0	08.28.23	BUILDING SECTIONS
D1	0	08.28.23	STANDARD DETAILS PAGE
D2	0	08.28.23	STANDARD DETAILS PAGE
D3	0	08.28.23	STANDARD DETAILS PAGE
D4	0	08.28.23	STANDARD DETAILS PAGE

TRIM COLOR:	
FL EAVE: SMP STEEL GRAY	GAUGE: 26
FL RAKE: SMP STEEL GRAY	GAUGE: 26
CORNER: SMP STEEL GRAY	GAUGE: 26
ACCESSORY: SMP STEEL GRAY	GAUGE: 26
FORMED BASE: SMP BURNISHED SLATE	GAUGE: 20

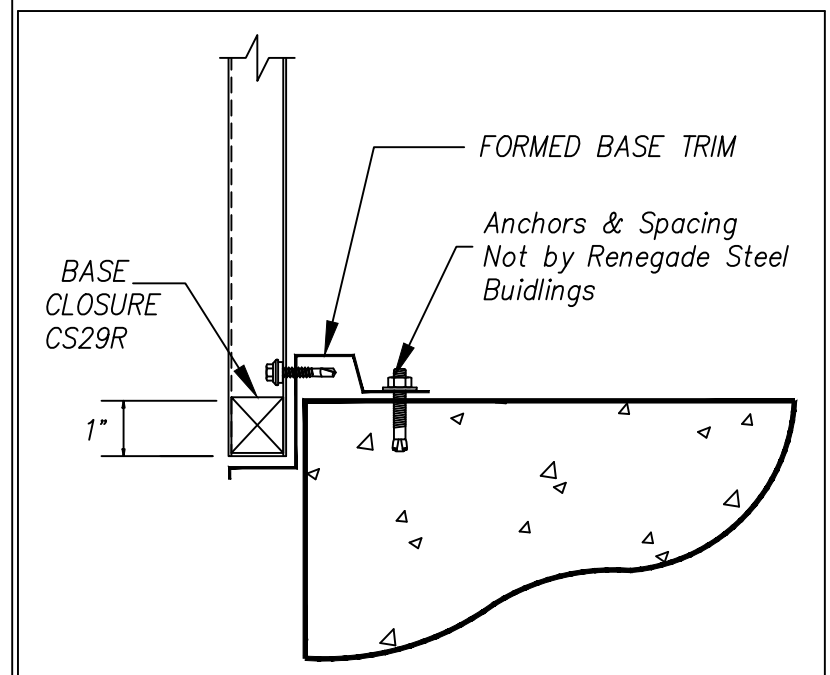
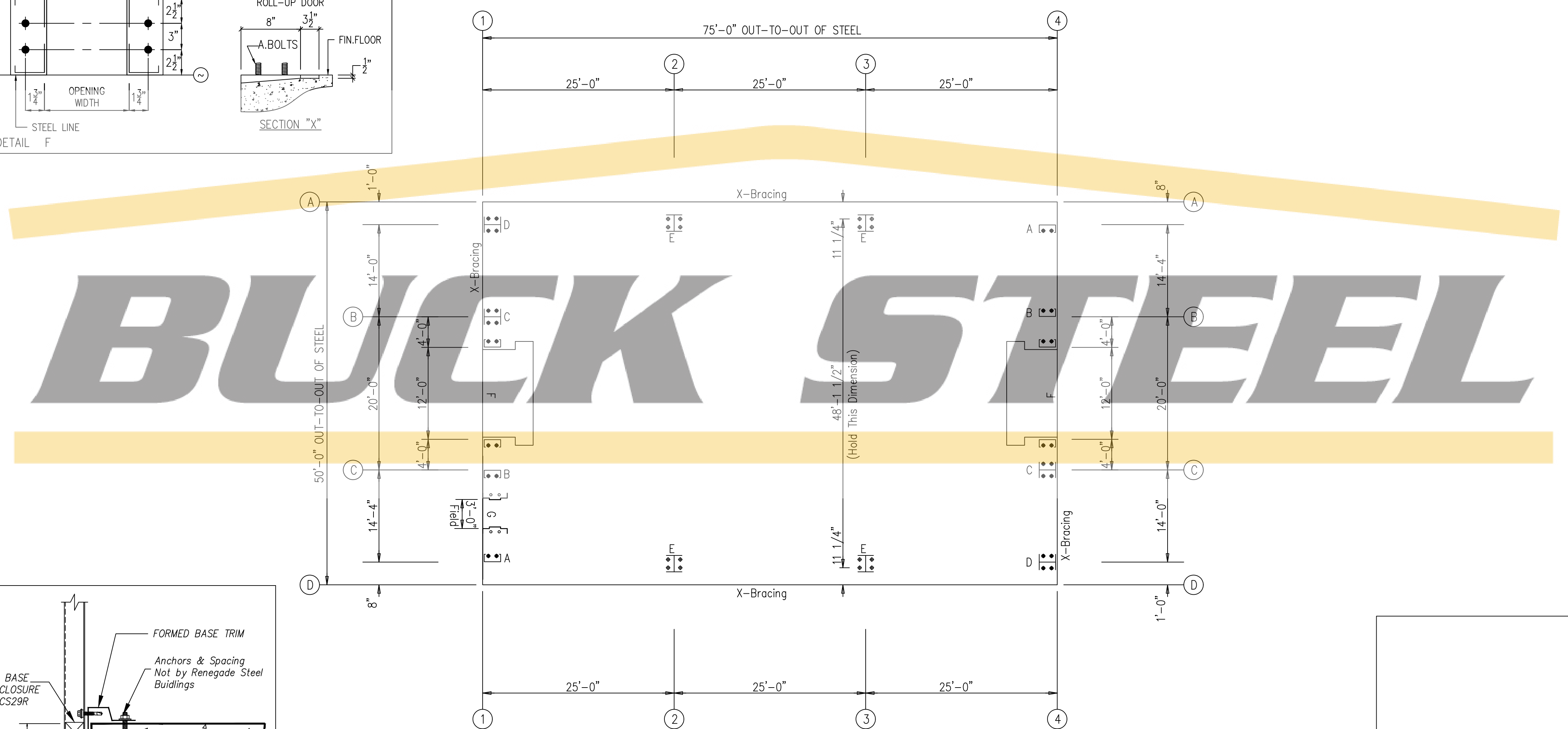
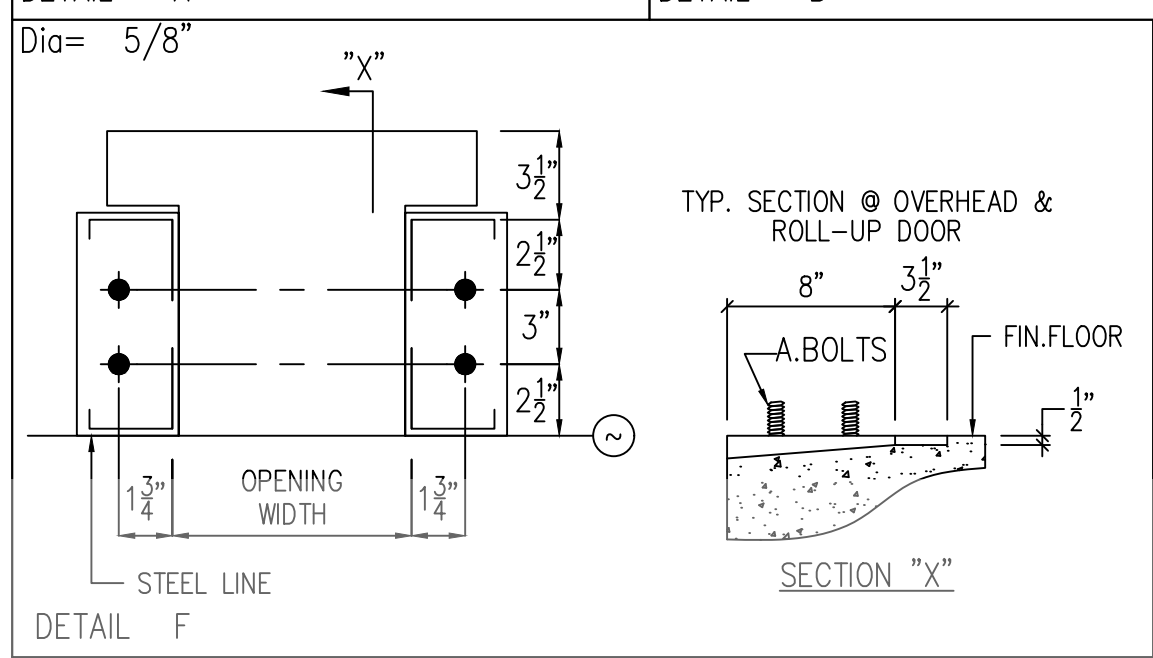
- FOR APPROVAL:
These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.
- FOR CONSTRUCTION PERMIT:
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.



SAMPLE ONLY
NOT FOR CONSTRUCTION



- Dia= 5/8"
- ⊕ Dia= 3/4"
- Dia= 1/2"



ANCHOR BOLT PLAN
NOTE: All Base Plates @ FINISHED FLOOR (U.N.)

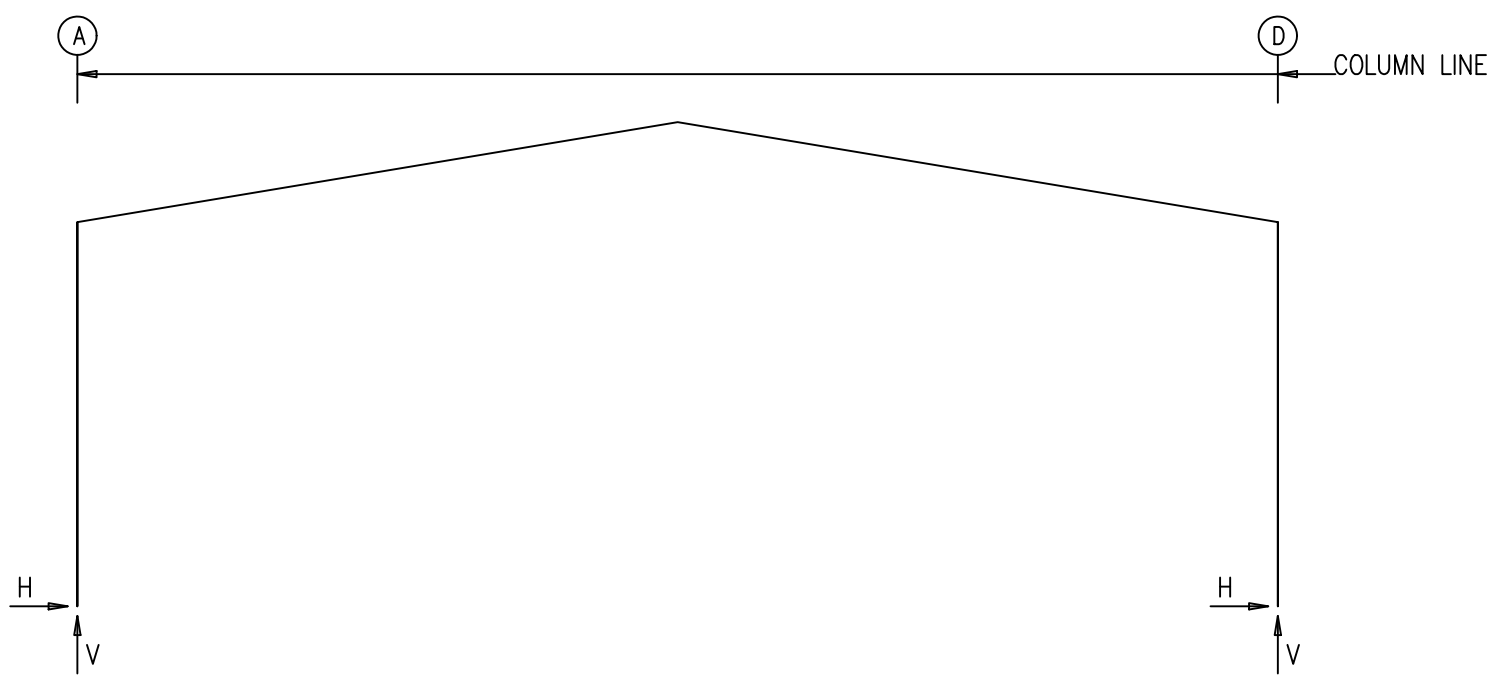
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FOR ERECTOR INSTALLATION:
Final drawings for construction.



SAMPLE ONLY
NOT FOR CONSTRUCTION



ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind Press Horiz
1	A	0.3	0.1	1.4	0.7	-2.1	-3.7	0.0	1.7	-1.7	-2.7	0.0	1.9	0.0
1	B	0.8	0.5	4.9	2.5	0.0	-2.0	2.1	-5.5	0.0	-1.1	1.7	-3.8	-2.3
1	C	0.7	0.5	4.9	2.5	0.0	-2.7	0.0	-4.5	0.0	-1.4	0.0	-3.2	-2.3
1	D	0.2	0.1	1.4	0.7	0.0	-1.1	0.0	-1.2	0.0	-0.5	0.0	-0.6	0.0

Frm Line	Col Line	Wind Suct Horiz	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seis_Left Horiz	Seis_Left Vert	Seis_Right Horiz	Seis_Right Vert	Seis Long Vert	-MIN_SNOW- Horiz	-MIN_SNOW- Vert
1	A	0.0	0.0	-1.1	-0.4	-1.5	-0.6	-0.8	0.0	0.9	0.0	0.0	0.7
1	B	2.3	0.4	-4.6	0.0	-2.1	0.0	0.8	0.6	-0.9	0.0	0.0	2.5
1	C	2.3	0.0	-2.6	0.0	-4.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5
1	D	0.0	0.0	-1.0	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7

Frm Line	Col Line	E1UNB_SL_L- Horiz	E1UNB_SL_L- Vert	E1UNB_SL_R- Horiz	E1UNB_SL_R- Vert
1	A	0.0	0.7	0.0	0.1
1	B	0.0	2.9	0.0	1.2
1	C	0.0	1.2	0.0	2.9
1	D	0.0	0.1	0.0	0.7

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind Press Horiz
4	D	0.3	0.1	1.4	0.7	-2.1	-3.7	0.0	1.7	-1.7	-2.7	0.0	1.9	0.0
4	C	0.8	0.5	4.9	2.5	0.0	-2.0	2.1	-5.5	0.0	-1.1	1.7	-3.8	-2.3
4	B	0.7	0.5	4.9	2.5	0.0	-2.7	0.0	-4.5	0.0	-1.4	0.0	-3.2	-2.3
4	A	0.2	0.1	1.4	0.7	0.0	-1.1	0.0	-1.2	0.0	-0.5	0.0	-0.6	0.0

Frm Line	Col Line	Wind Suct Horiz	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seis_Left Horiz	Seis_Left Vert	Seis_Right Horiz	Seis_Right Vert	Seis Long Vert	-MIN_SNOW- Horiz	-MIN_SNOW- Vert
4	D	0.0	0.0	-1.1	-0.4	-1.5	-0.6	-0.8	0.0	0.9	0.0	0.0	0.7
4	C	2.3	0.4	-4.6	0.0	-2.1	0.0	0.8	0.6	-0.9	0.0	0.0	2.5
4	B	2.3	0.0	-2.6	0.0	-4.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5
4	A	0.0	0.0	-1.0	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7

Frm Line	Col Line	E2UNB_SL_L- Horiz	E2UNB_SL_L- Vert	E2UNB_SL_R- Horiz	E2UNB_SL_R- Vert
4	D	0.0	0.7	0.0	0.1
4	C	0.0	2.9	0.0	1.2
4	B	0.0	1.2	0.0	2.9
4	A	0.0	0.1	0.0	0.7

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

Frm Line	Col Line	Load Id	Column_Reactions(k)				Bolt(in) Qty	Dia	Base_Plate(in)			Elev. (in)	
			Hmax H	V Vmax	Hmin H	V Vmin			Width	Length	Thick		
1	A	3	0.0	-2.0	3	0.0	-2.0	4	0.625	8.000	8.000	0.375	0.0
		2	0.0	2.4									
1	B	7	1.4	-2.8	8	-1.4	-2.3	4	0.625	8.000	8.000	0.375	0.0
		1	0.0	6.2	7	1.4	-2.8						
1	C	7	1.4	-2.3	9	-1.4	-2.0	2	0.625	3.500	8.000	0.250	0.0
		1	0.0	6.2	7	1.4	-2.3						
1	D	6	0.0	-0.8	6	0.0	-0.8	2	0.625	3.500	8.000	0.250	0.0
		1	0.0	1.8									
4	D	3	0.0	-2.0	3	0.0	-2.0	4	0.625	8.000	8.000	0.375	0.0
		2	0.0	2.4									
4	C	7	1.4	-2.8	8	-1.4	-2.3	4	0.625	8.000	8.000	0.375	0.0
		1	0.0	6.2	7	1.4	-2.8						
4	B	7	1.4	-2.3	9	-1.4	-2.0	2	0.625	3.500	8.000	0.250	0.0
		1	0.0	6.2	7	1.4	-2.3						
4	A	6	0.0	-0.8	6	0.0	-0.8	2	0.625	3.500	8.000	0.250	0.0
		1	0.0	1.8									

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

Frm Line	Col Line	Load Id	Column_Reactions(k)				Bolt(in) Qty	Dia	Base_Plate(in)			Elev. (in)	
			Hmax H	V Vmax	Hmin H	V Vmin			Width	Length	Thick		
2*	A	1	4.4	10.6	3	-3.7	-5.6	4	0.750	8.000	10.50	0.375	0.0
		5	-0.1	-5.9									
2*	D	4	3.7	-5.6	1	-4.4	10.6	4	0.750	8.000	10.50	0.375	0.0
		1	-4.4	10.6	6	0.1	-5.9						
2*	Frame lines:	2 3											

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
2*	A	0.7	1.9	0.5	1.3	3.2	7.5	2.6	6.3	-6.8	-11.2	0.5	-7.1
2*	D	-0.7	1.9	-0.5	1.3	-3.2	7.5	-2.6	6.2	-0.5	-7.1	6.8	-11.2
Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
2*	A	-6.7	-6.6	0.5	-2.5	-0.9	-11.7	-1.5	-10.1	-0.5	-0.3	0.5	0.3
2*	D	-0.5	-2.5	6.7	-6.6	1.5	-10.1	0.9	-11.7	-0.5	0.3	0.5	-0.3
Frame Line	Column Line	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert	F1UNB_SL_L Horiz	F1UNB_SL_L Vert	F1UNB_SL_R Horiz	F1UNB_SL_R Vert				
2*	A	0.0	-0.9	2.6	6.2	2.2	6.0	2.2	3.5				
2*	D	0.0	-0.9	-2.6	6.2	-2.2	3.5	-2.2	6.0				

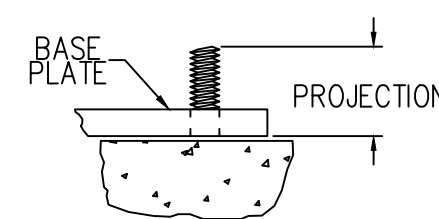
NOTES FOR REACTIONS

- 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:
 - 1 Dead+Collateral+Live
 - 2 Dead+Collateral+0.75Live+0.45Wind_Right2
 - 3 0.6Dead+0.6Wind_Left1
 - 4 0.6Dead+0.6Wind_Right1
 - 5 0.6Dead+0.6Wind_Long1L
 - 6 0.6Dead+0.6Wind_Long2L
 - 7 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
 - 8 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - 9 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

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.

THREADED ANCHOR BOLT



NOTE: PROJECTION BASED FROM BOTTOM OF BASE PLATE. ADJUSTMENTS SHOULD BE MADE FOR GROUT AND/OR LEVELING PLATES.

ANCHOR BOLT SUMMARY (GRADE 36)

Qty	Locate	Dia (in)	Type	Proj (in)
8	Jamb	5/8"	F1554	2.50
24	Endwall	5/8"	F1554	2.50
16	Frame	3/4"	F1554	3.00
4	Walk door	1/2"	F1554	2.00

BUILDING BRACING REACTIONS

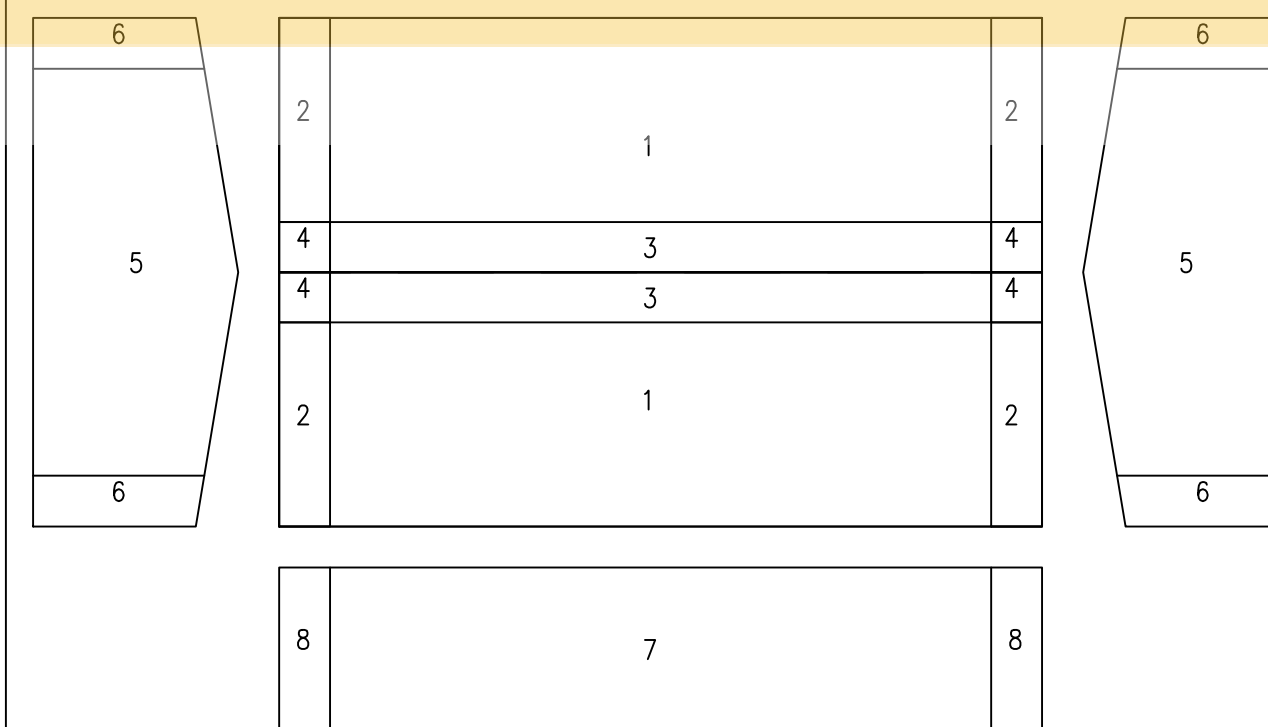
Wall Loc	Line	Col Line	Reactions(k)				Panel_Shear (lb/ft)	
			Wind Horiz	Wind Vert	Seismic Horiz	Seismic Vert	Wind	Seis
L_EW	1	A,B	2.1	2.4	0.6	0.8		
F_SW	D	2,3	3.6	2.0	1.6	0.9		
R_EW	4	D,C	2.1	2.4	0.6	0.8		
B_SW	A	3,2	3.6	2.0	1.6	0.9		

Reactions for seismic represent shear force, Eh

Components & Cladding

Zone	Width (ft)	Length (ft)	Pressure(psf)		Suction(psf)	
			Member	Panel	Member	Panel
1			16.00	16.00	-16.00	-36.39
2		5.00	16.00	16.00	-26.56	-53.13
3	5.00		16.00	16.00	-26.56	-53.13
4	5.00	5.00	16.00	16.00	-39.84	-62.95
5			16.00	18.03	-16.08	-19.53
6	5.00		16.00	18.03	-17.21	-24.02
7			16.00	18.00	-16.10	-19.50
8	5.00		16.00	18.00	-17.23	-23.99

(+) wind towards surface
(-) wind away from surface



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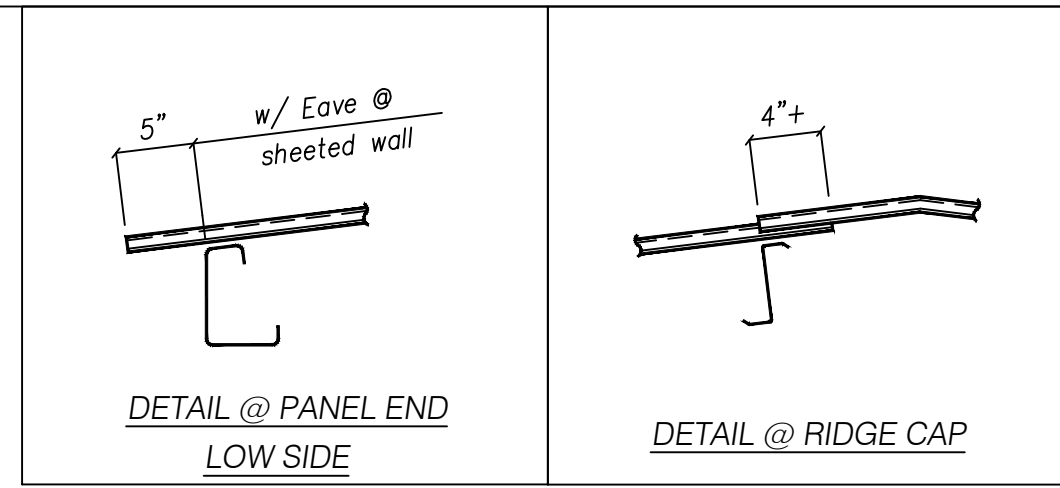


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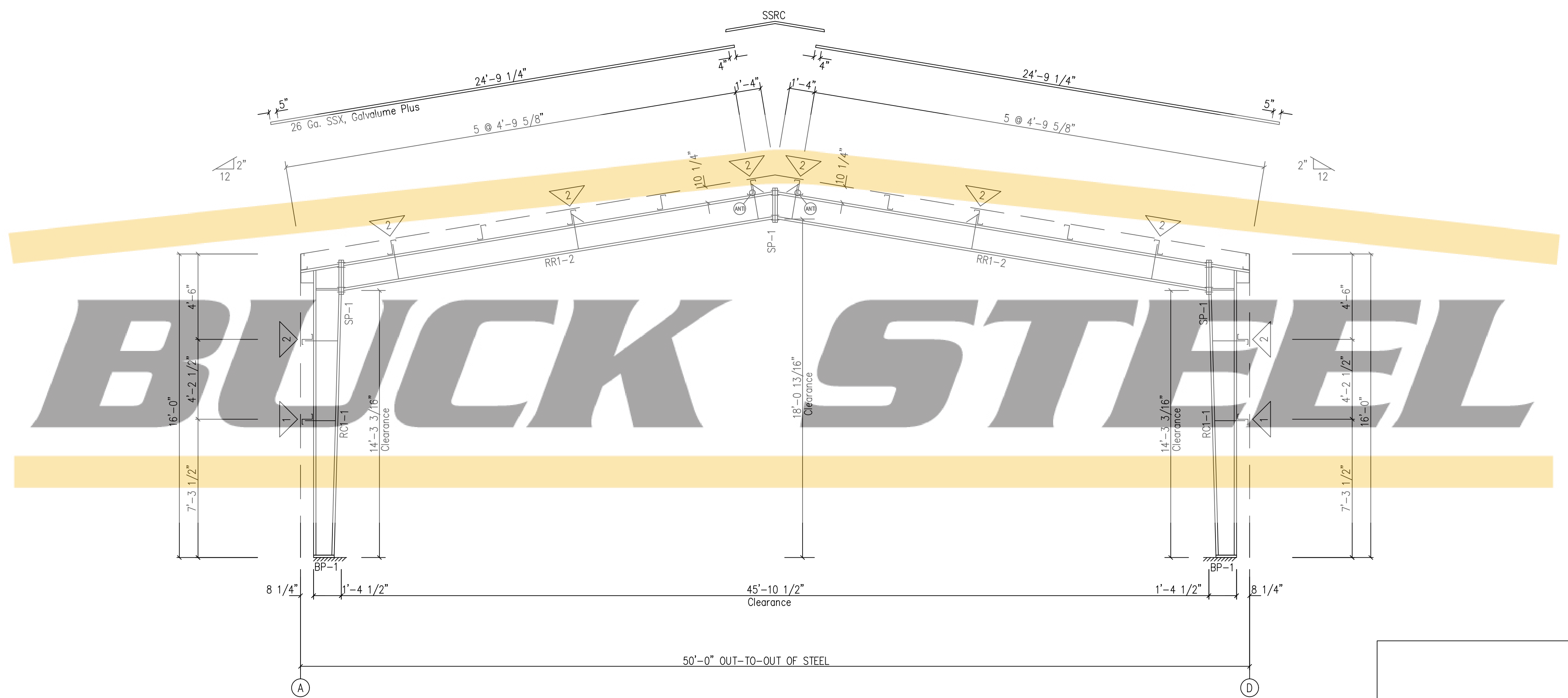
SPlice PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	3/4"	2"	6"	1/2"	1'-11"

FLANGE BRACE TABLE					
A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16					
FRAME LINE: 2 3					
∇ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL
1	1	FB2A	2'-7"	2'-4"	
2	1	FB3A	2'-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			
RC1-1	10.0	16.0	0.135	5 x 1/4"	5 x 1/4"
RR1-2	16.0	16.0	0.164	6 x 1/4"	5 x 1/4"
	14.0	14.0	0.135	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

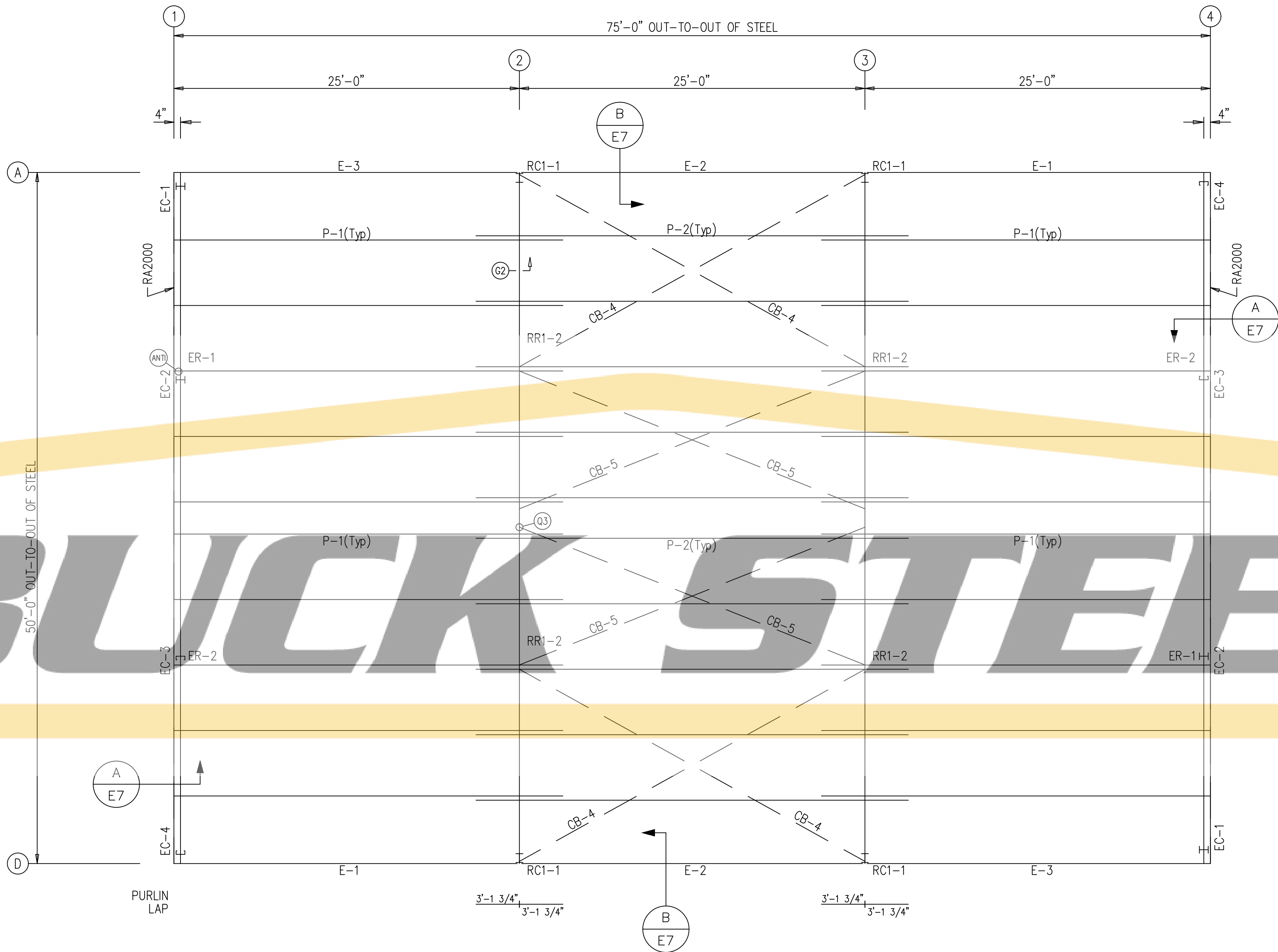
Pretensioning methods, including Turn-of-Nut, calibrated wrench, twist-off tension control bolts or direct tension indicator are not required. Installation inspection requirements for Snug-Tight Bolt is found in Section 9.1 of the Specification.

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MEMBER TABLE	
ROOF PLAN	
MARK	PART
P-1	10X25Z16
P-2	10X25Z16
E-1	10ES142
E-2	10ES142
E-3	10ES142
CB-4	0.50_ROD
CB-5	0.50_ROD



ROOF FRAMING PLAN

UL580, CLASS 90 CONST. NUMBER 167

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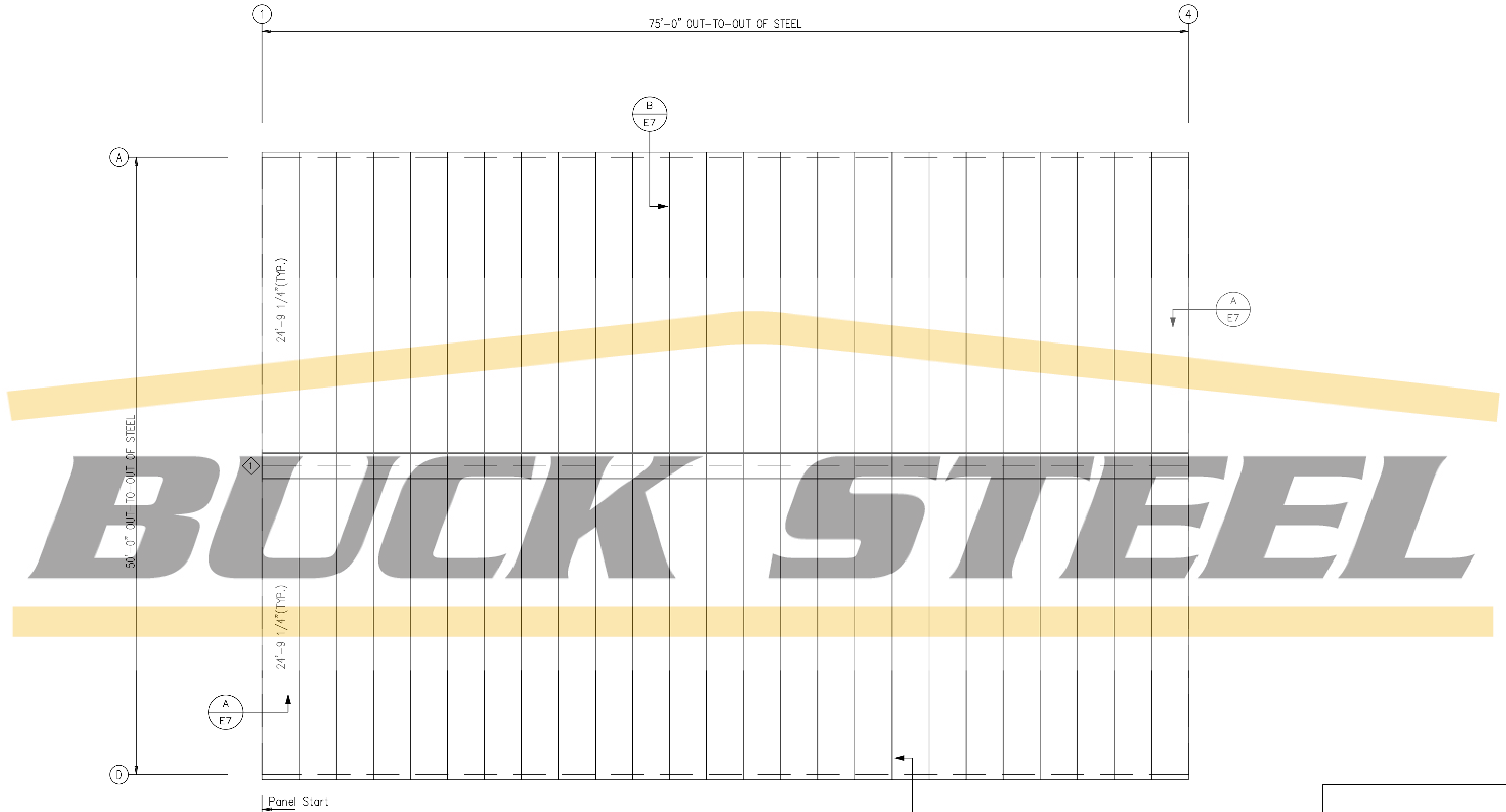
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ROOF SHEETING TRIM TABLE		
ID	PART	LENGTH
1	SSRC30	3'-0"

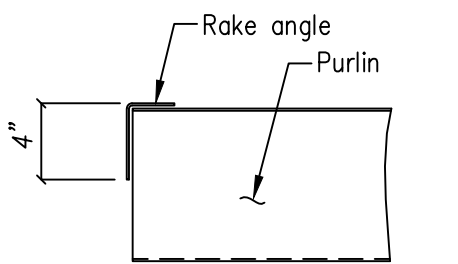


ROOF SHEETING PLAN
 PANELS: 26 Ga. SSX - Galvalume Plus

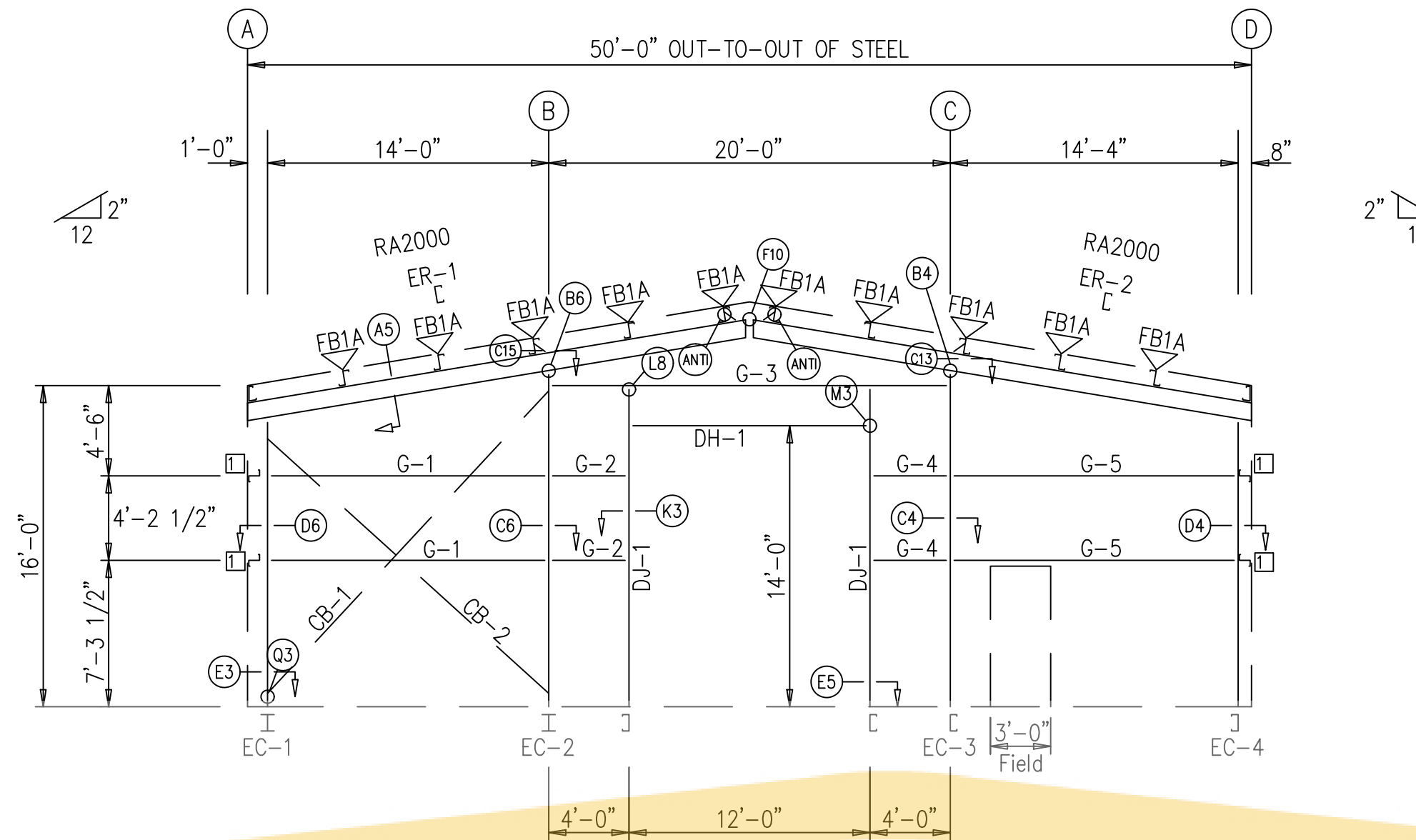
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Detail at Rake Angle



ENDWALL FRAMING: FRAME LINE 1

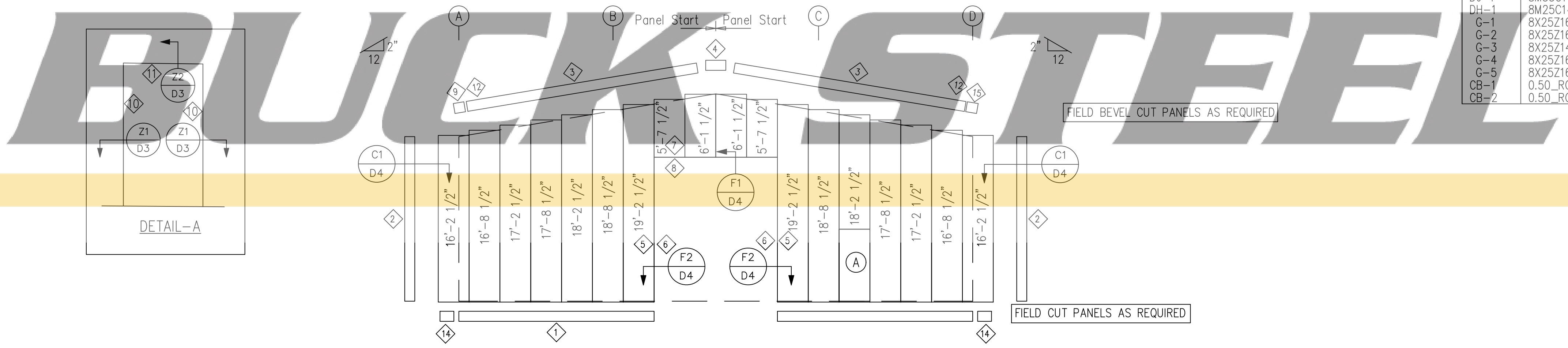
BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	2"
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 1		
VID	MARK	LENGTH
1	FB1A	2'-5 1/4"

TRIM TABLE - THIS WALL ONLY		
FRAME LINE -1		
ID	PART	LENGTH
1	44BT20	20'-3"
2	CT-102	16'-4"
3	FL-16	15'-3"
4	FL-16B	
5	MT-116B	14'-4"
6	FL-22	14'-4"
7	MT-116B	12'-4"
8	HT-101	12'-4"
9	FL-16CL	
10	FL-22	7'-4"
11	HT-101	3'-4"
12	FL-16A	
14	44BAC	
15	FL-16CR	

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

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	
EC-1	W8X10	
EC-2	W8X10	
EC-3	8M35C12	
EC-4	8M35C14	
ER-1	8M35C12	
ER-2	8M35C12	
DJ-1	8M35C14	
DH-1	8M25C14	
G-1	8X25Z16	
G-2	8X25Z16	
G-3	8X25Z14	
G-4	8X25Z16	
G-5	8X25Z16	
CB-1	0.50_ROD	
CB-2	0.50_ROD	



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. SSX - SMP Light Stone

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-jams for overhead doors, if required, is not furnished by Metal Building Provider

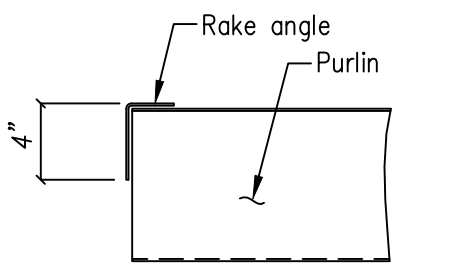
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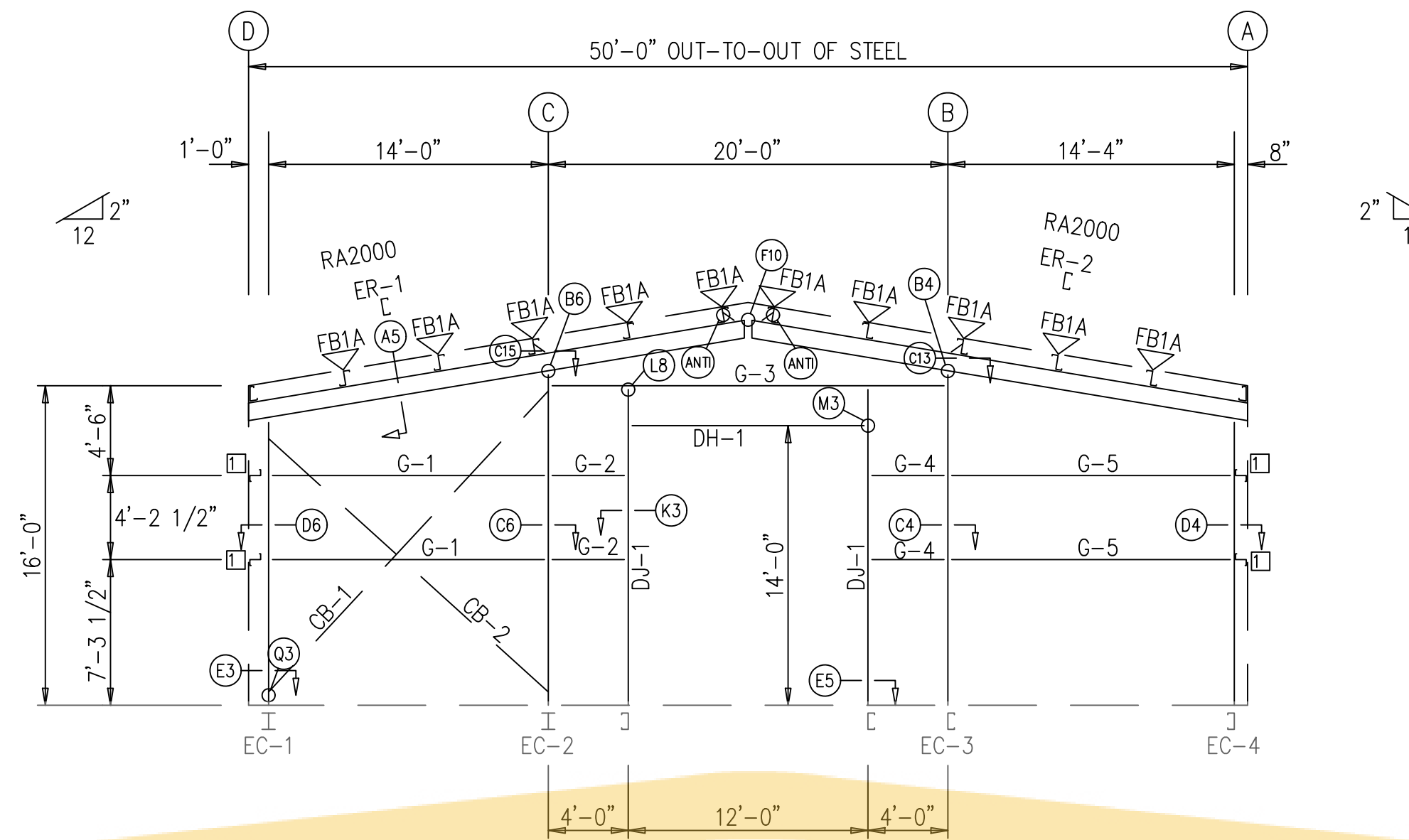
FOR ERECTOR INSTALLATION:
Final drawings for construction.



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Detail at Rake Angle



ENDWALL FRAMING: FRAME LINE 4

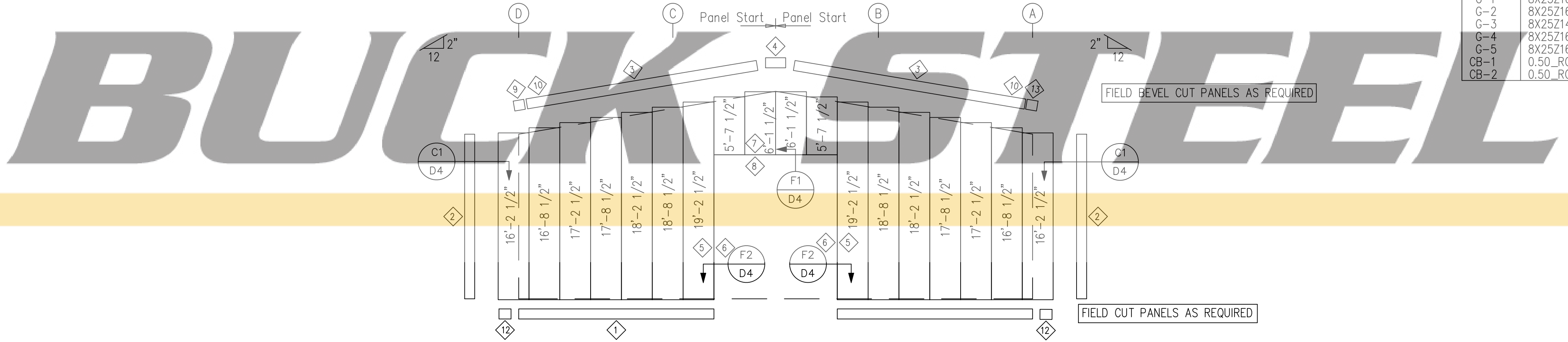
BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	2"
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE FRAME LINE 4		
VID	MARK	LENGTH
1	FB1A	2'-5 1/4"

TRIM TABLE - THIS WALL ONLY FRAME LINE -4		
ID	PART	LENGTH
1	44BT20	20'-3"
2	CT-102	16'-4"
3	FL-16	15'-3"
4	FL-16B	
5	MT-116B	14'-4"
6	FL-22	14'-4"
7	MT-116B	12'-4"
8	HT-101	12'-4"
9	FL-16CL	
10	FL-16A	
12	44BAC	
13	FL-16CR	

CONNECTION PLATES FRAME LINE 4		
ID	MARK/PART	
1	SC-5	

MEMBER TABLE FRAME LINE 4	
MARK	PART
EC-1	W8X10
EC-2	W8X10
EC-3	8M35C12
EC-4	8M35C14
ER-1	8M35C12
ER-2	8M35C12
DJ-1	8M35C14
DH-1	8M25C14
G-1	8X25Z16
G-2	8X25Z16
G-3	8X25Z14
G-4	8X25Z16
G-5	8X25Z16
CB-1	0.50_ROD
CB-2	0.50_ROD



ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 Ga. SSX - SMP Light Stone

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-jम्bs for overhead doors, if required, is not furnished by Metal Building Provider

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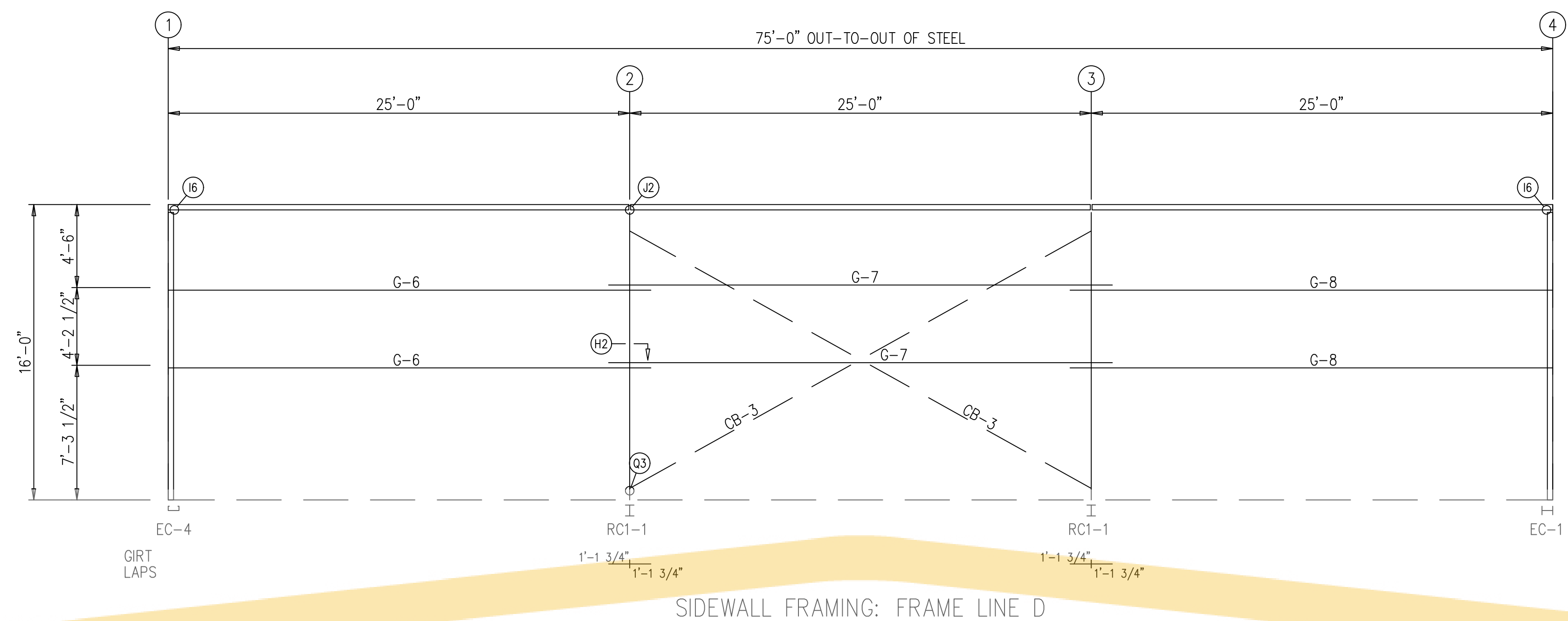
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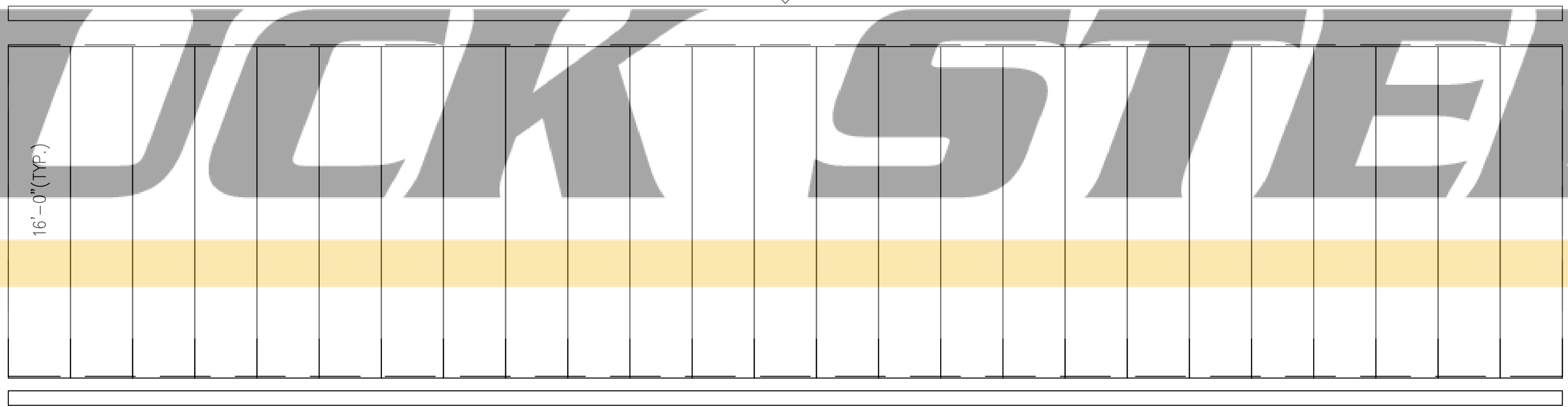
TRIM TABLE - THIS WALL ONLY		
FRAME LINE -D		
QID	PART	LENGTH
1	44BT20	20'-3"
3	SF-1	20'-3"

MEMBER TABLE	
FRAME LINE D	
MARK	PART
G-6	8X25Z16
G-7	8X25Z16
G-8	8X25Z16
CB-3	0.50_ROD



SIDEWALL FRAMING: FRAME LINE D

BUCK STEEL



SIDEWALL SHEETING & TRIM: FRAME LINE D
PANELS: 26 Ga. SSX - SMP Light Stone

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.
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- 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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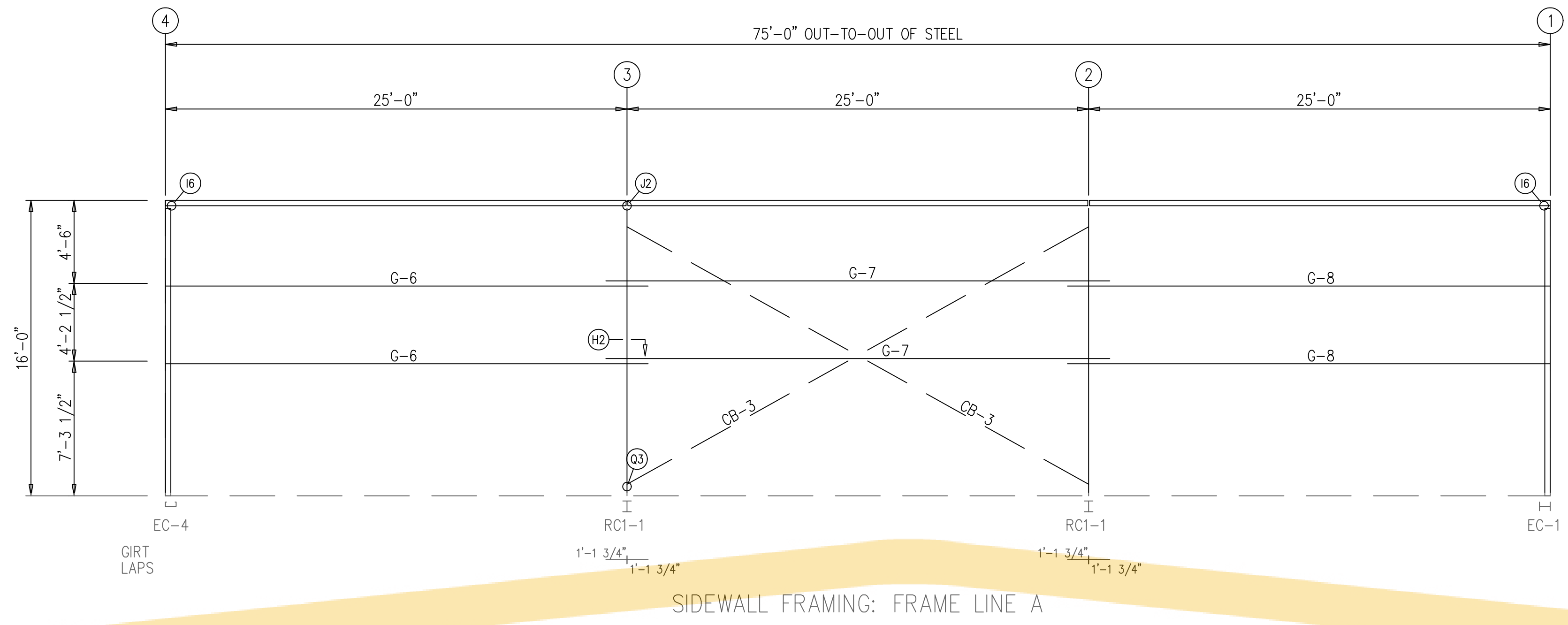
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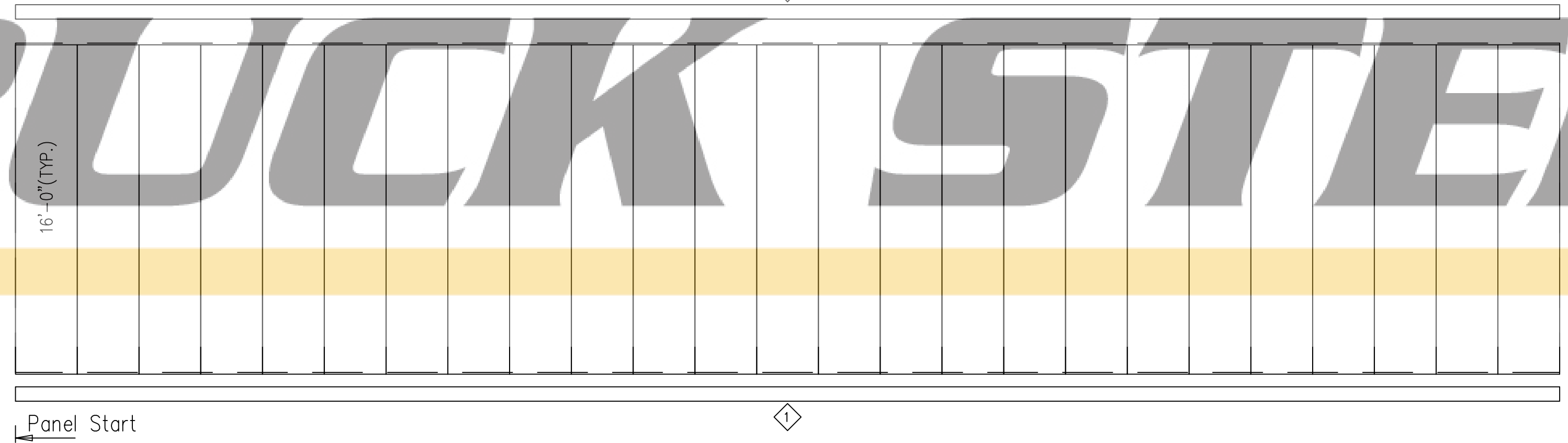
TRIM TABLE - THIS WALL ONLY		
FRAME LINE -A		
<ID	PART	LENGTH
1	44BT20	20'-3"
3	SF-1	20'-3"

MEMBER TABLE	
FRAME LINE A	
MARK	PART
G-6	8X25Z16
G-7	8X25Z16
G-8	8X25Z16
CB-3	0.50_ROD



SIDEWALL FRAMING: FRAME LINE A

BUCK STEEL



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. SSX - SMP Light Stone

GENERAL SHEETING & TRIM NOTES

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are at 12" o.c. Eave end lap and peak screws are as shown.
3. Wall member screws are at 6" o.c. at the base member and 12" o.c. at all remaining members.
4. Roof stitch screws are located at each member with two between members (20" max. spacing).
5. Wall stitch screws are located at each member with one between members (20" max. spacing).
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 3'-0", Super Seam 4'-0", Weather Lok-16 2'-8".
13. Corner and/or peak boxes are not furnished with special rake or gutter profiles. Field miter as req'd.
14. Downspout straps are located 6" from base and at every girt location.
15. Hot-rolled or built-up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. 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

1. Angles are marked by their length in feet and inches.
2. Field cut or lap angles as required to fit.
3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-top girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. 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
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. 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.
14. Sub-jams for overhead doors, if required, is not furnished by Metal Building Provider

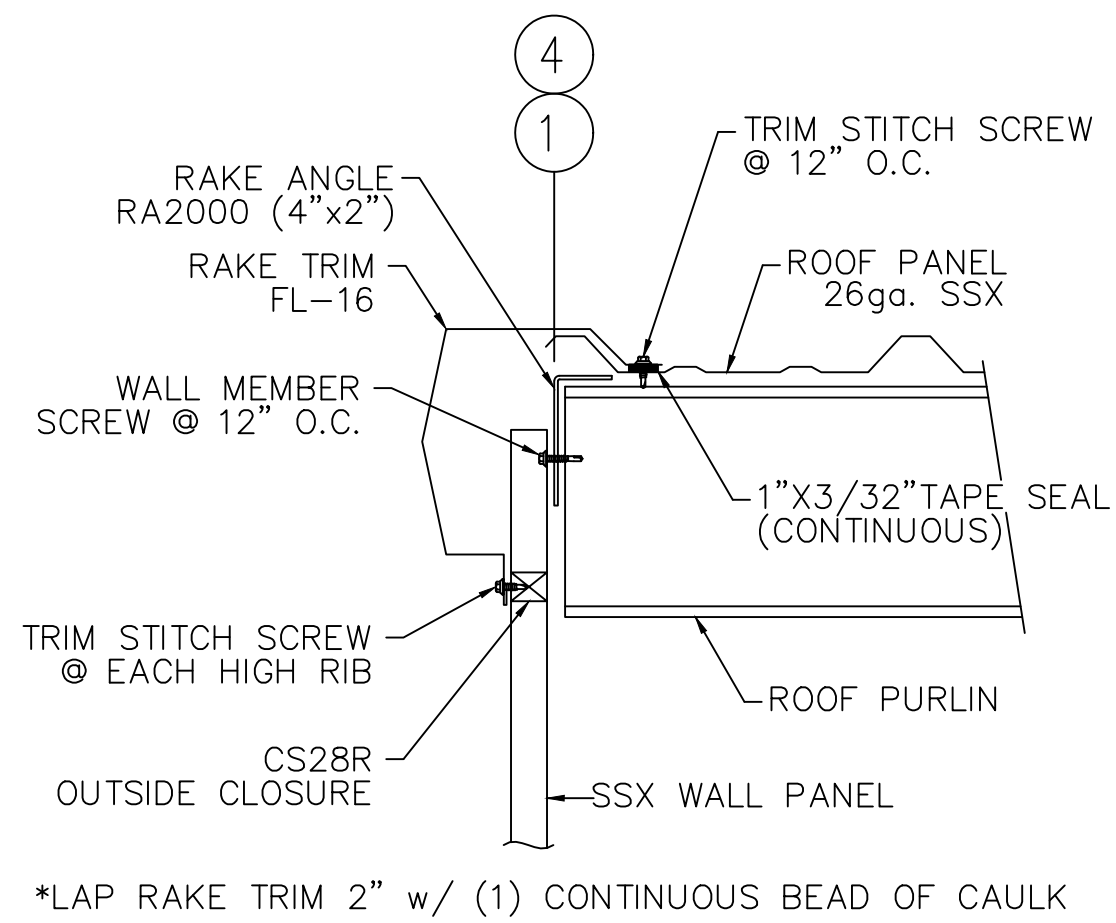
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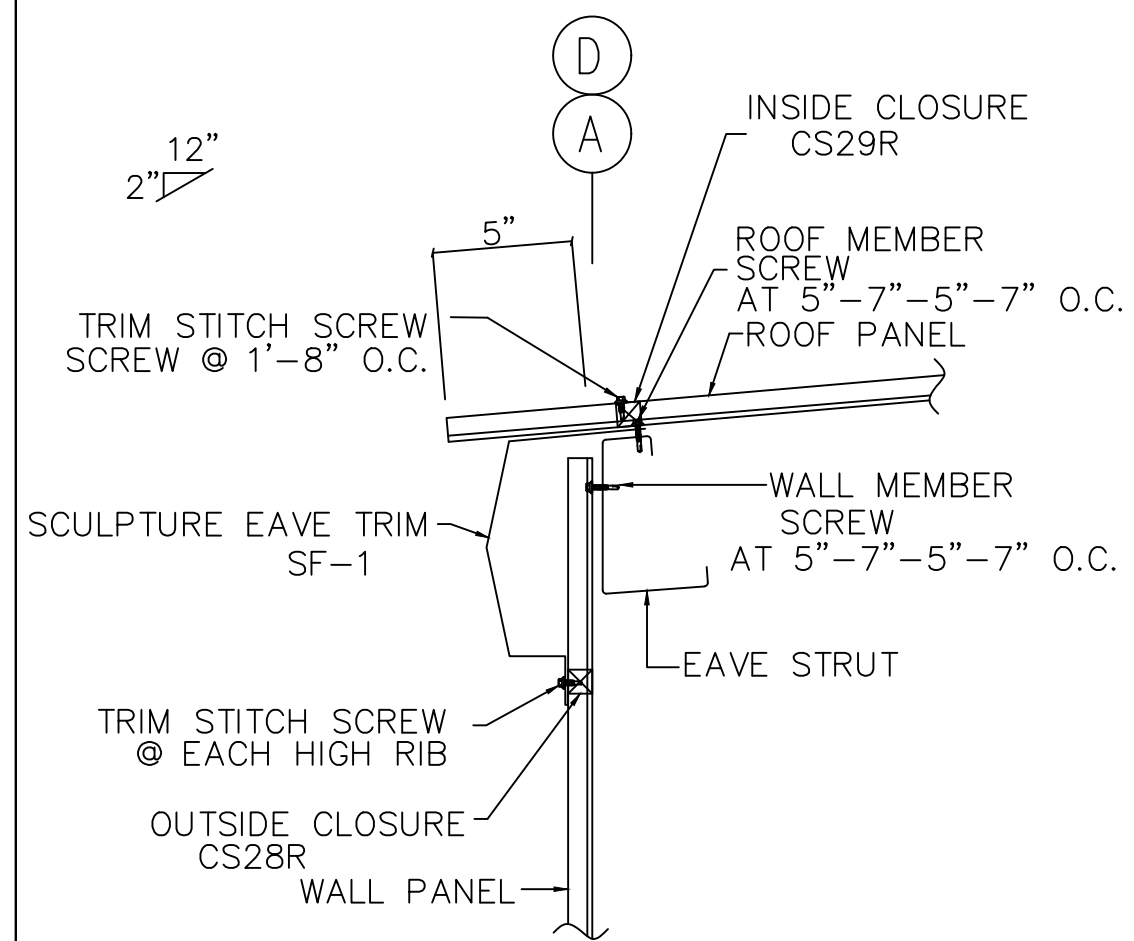
FOR ERECTOR INSTALLATION: Final drawings for construction.



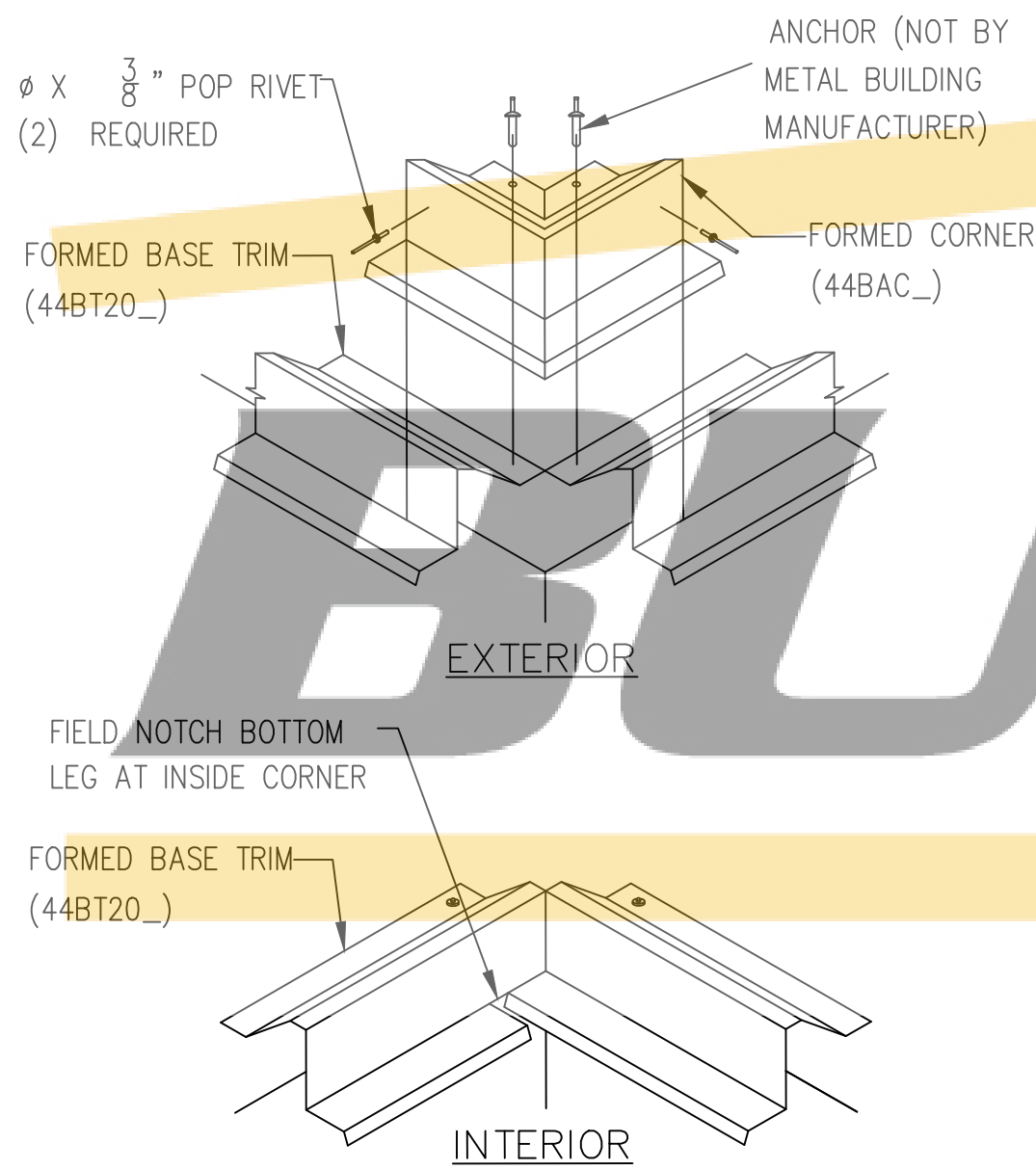
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SECTION "A"



SECTION "B"



FORMED BASE TRIM & CORNER
(44BT20_ & 44BAC_)

BUCK STEEL

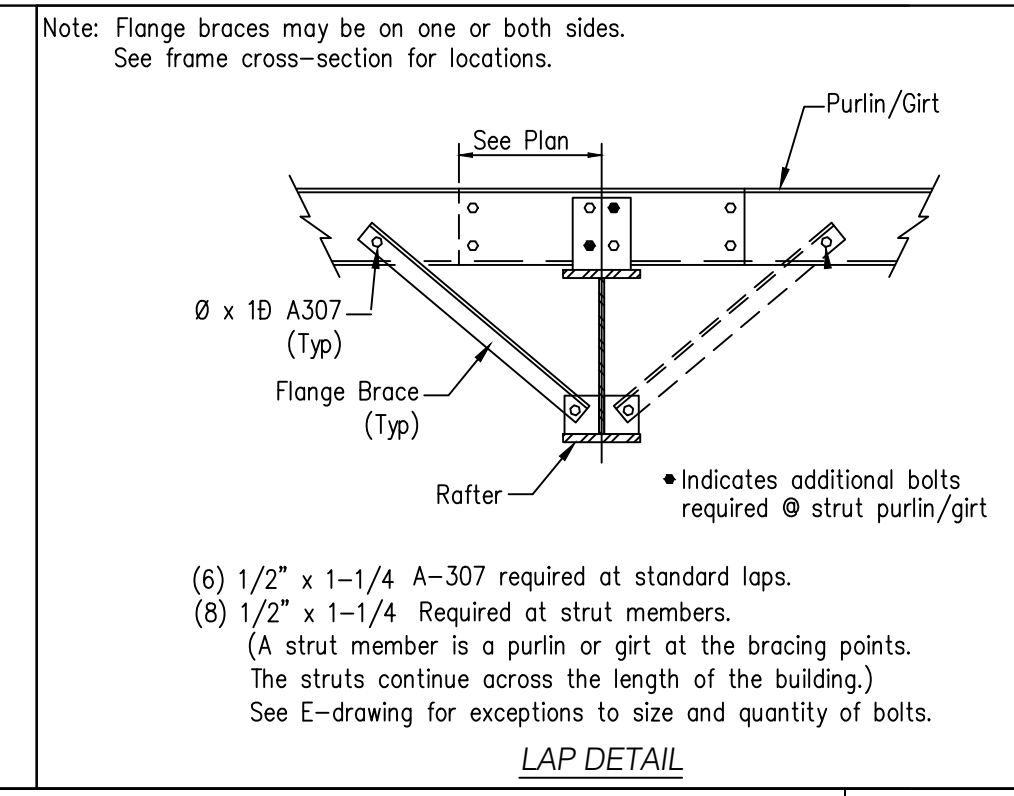
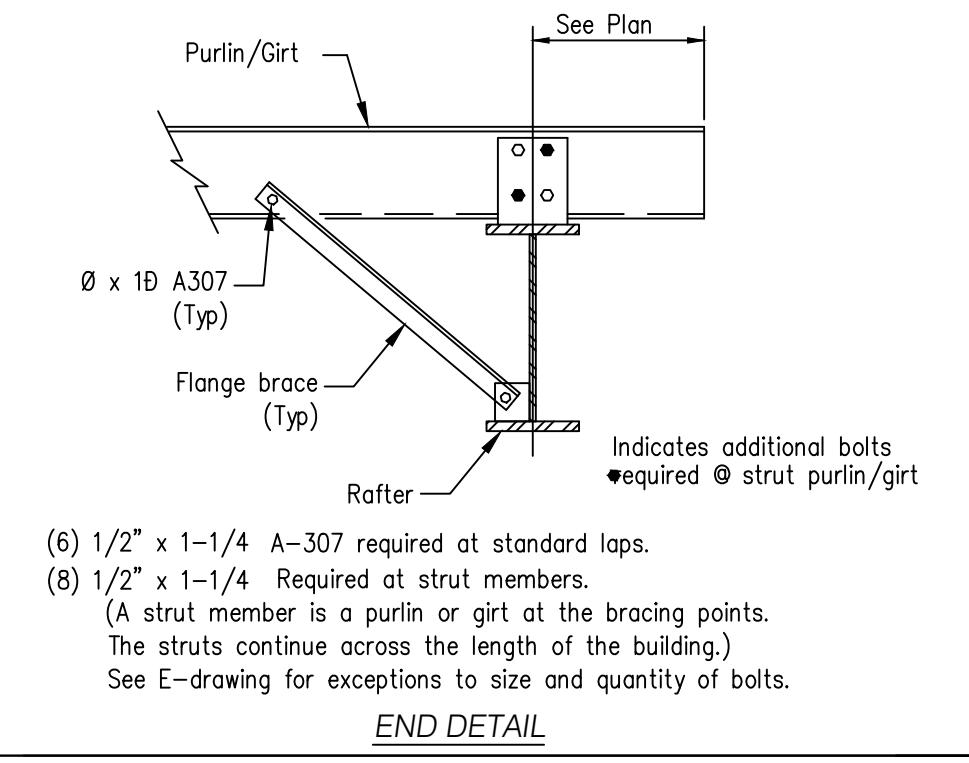
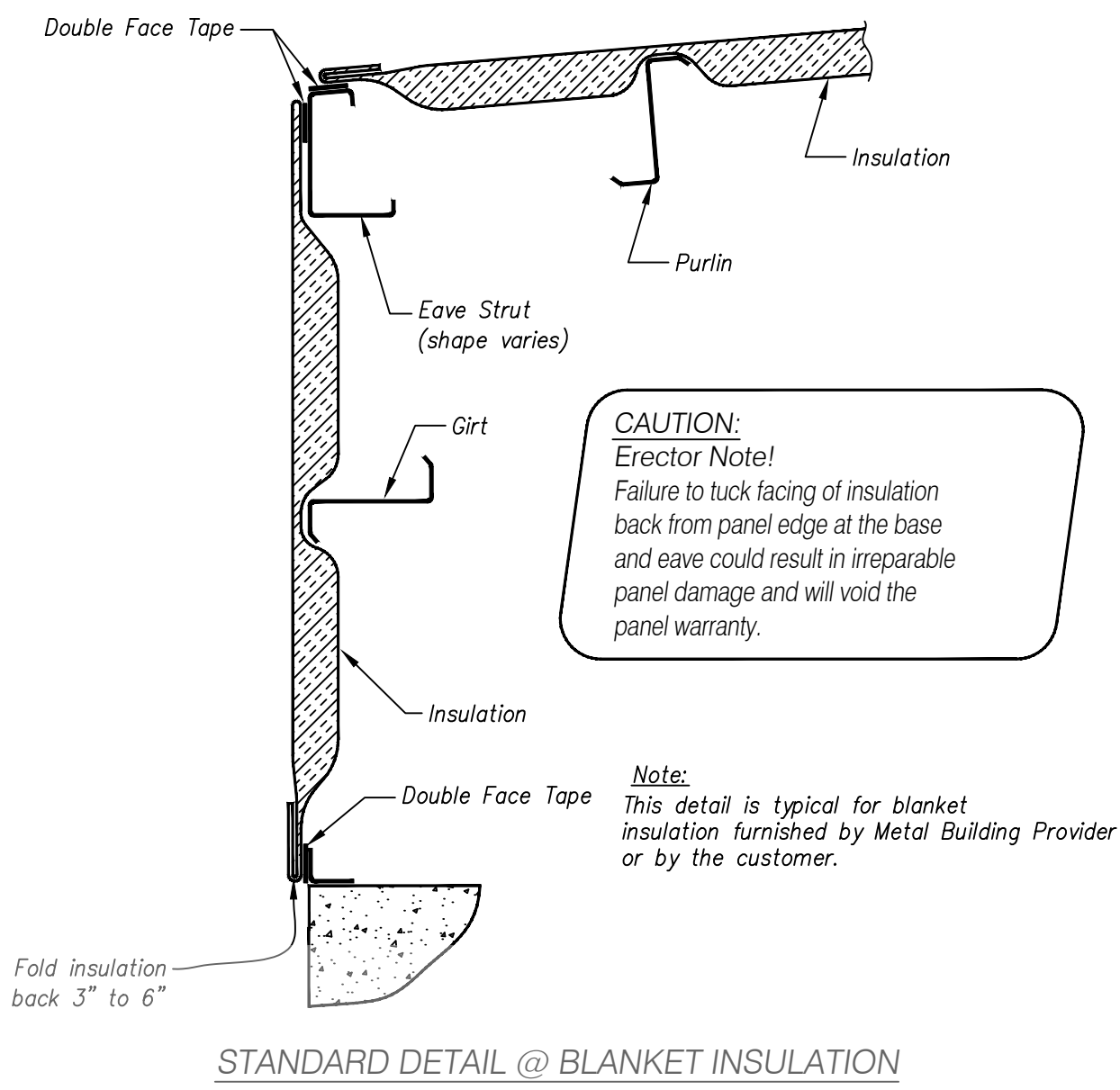
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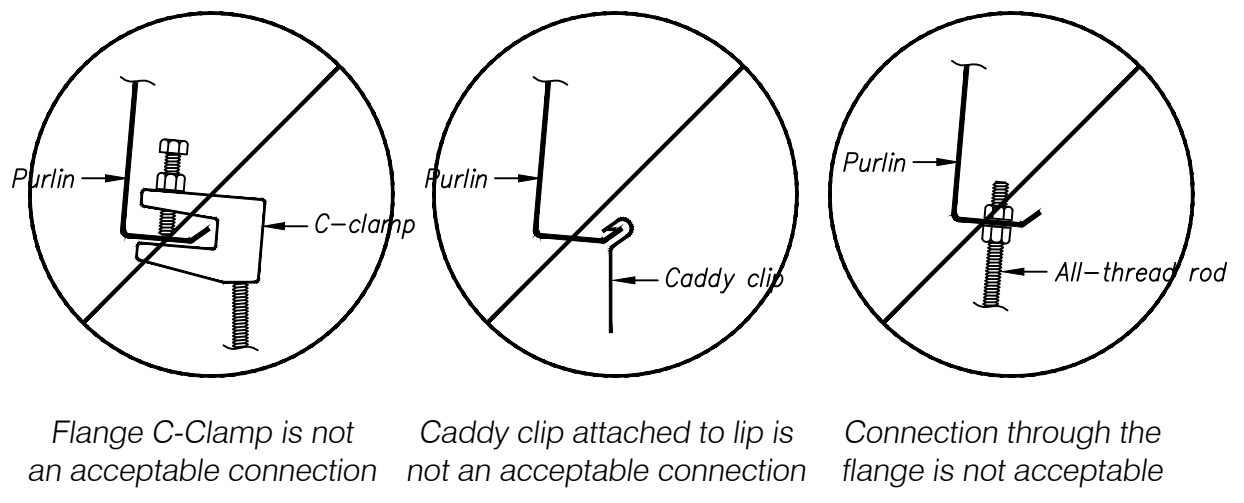
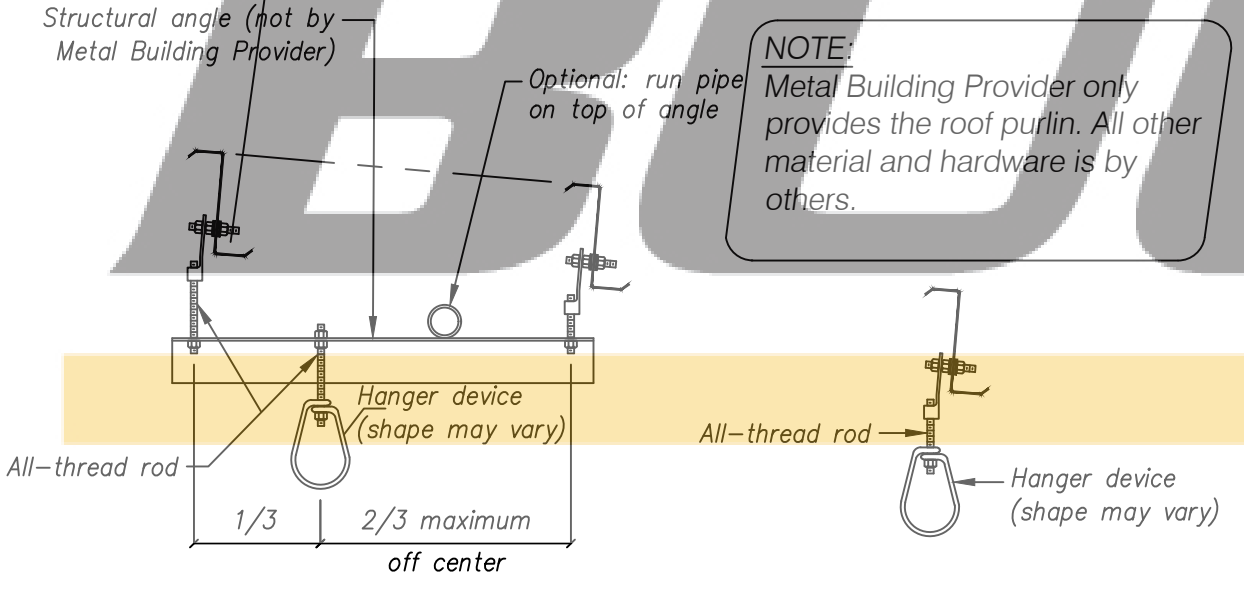
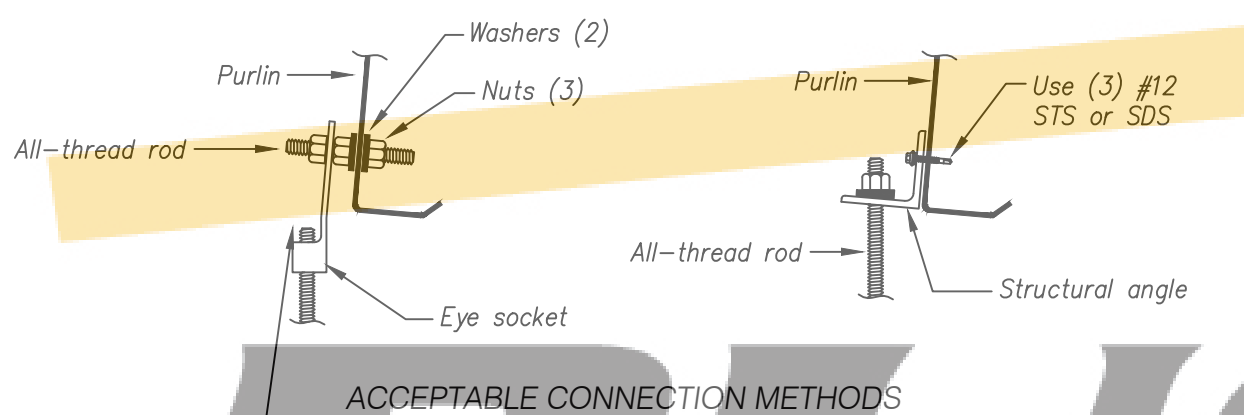
FOR ERECTOR INSTALLATION:
Final drawings for construction.



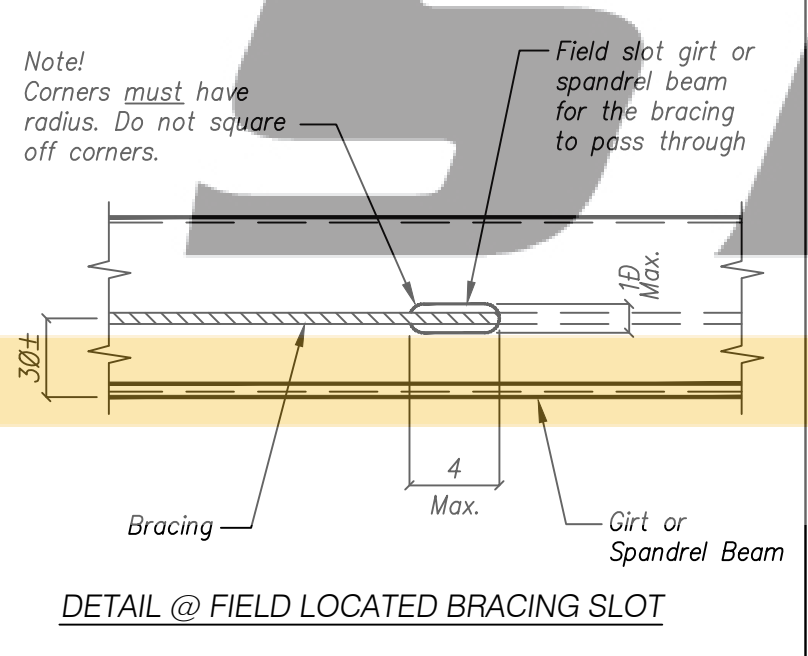
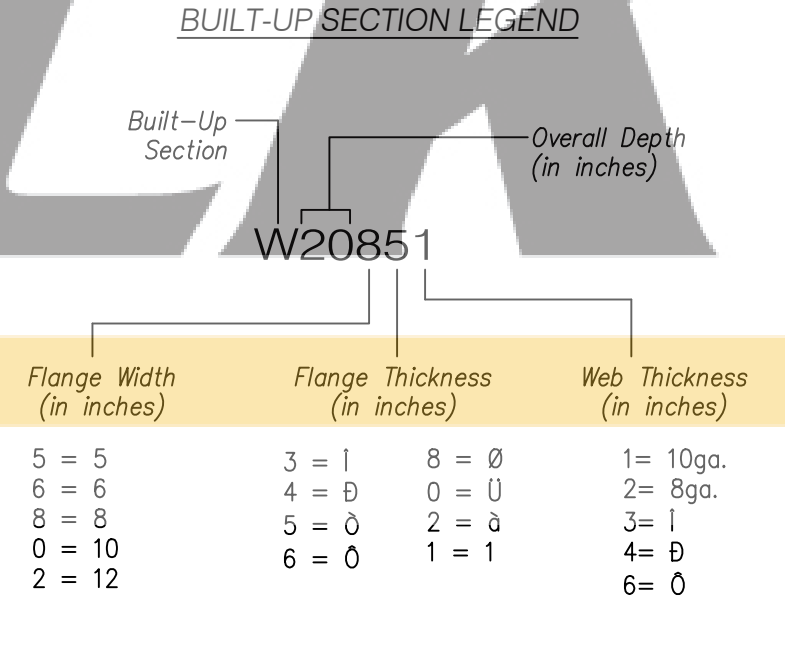
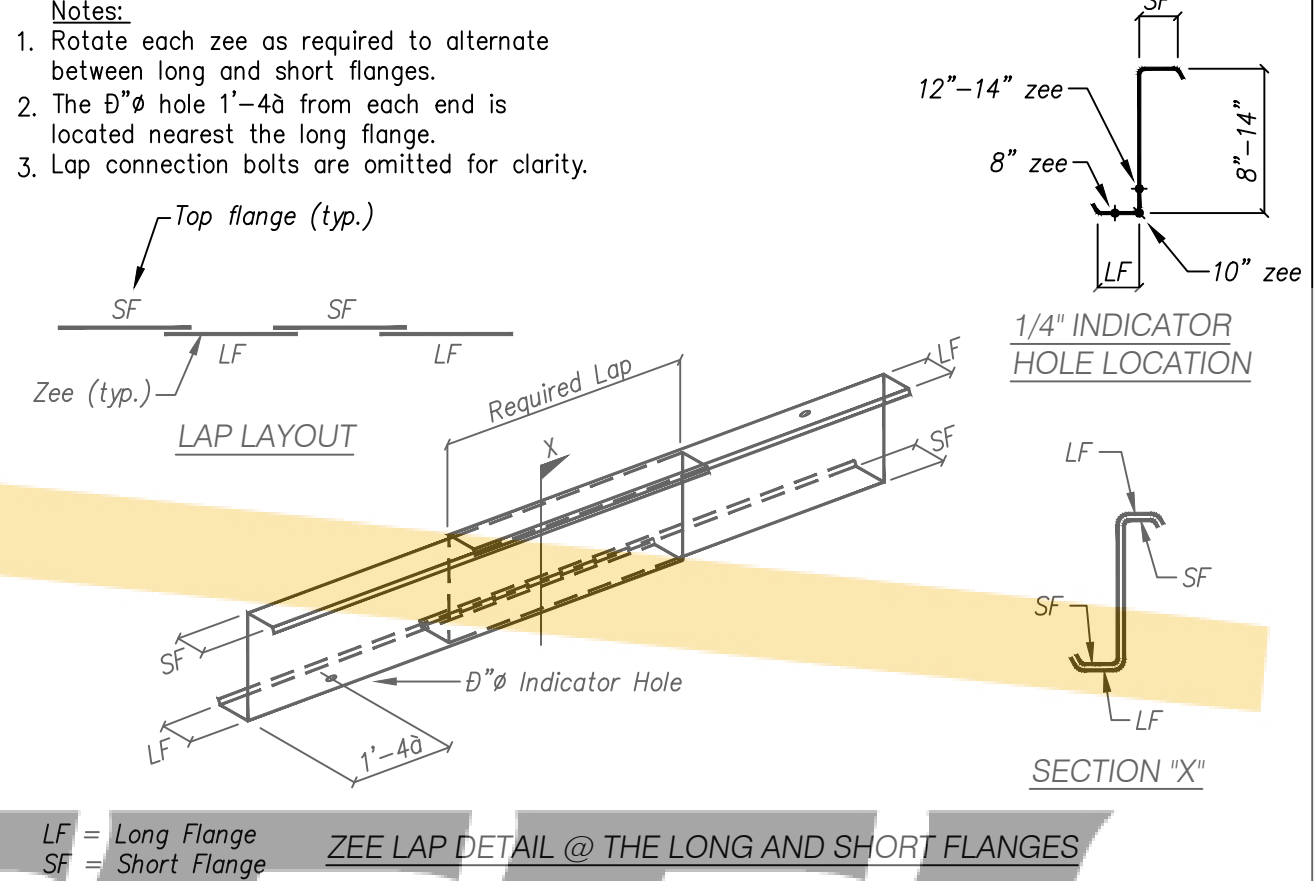
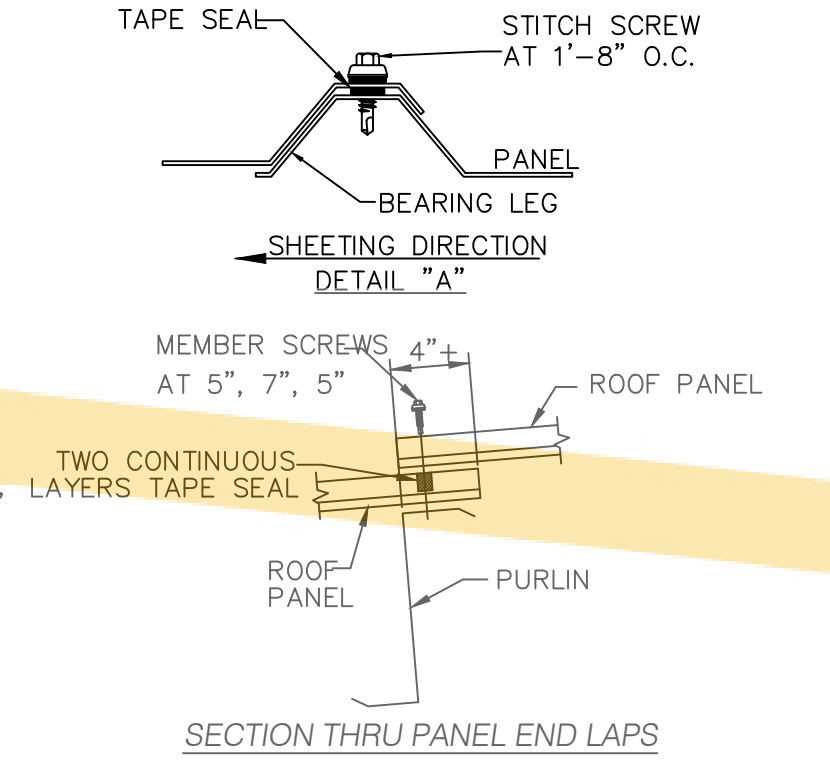
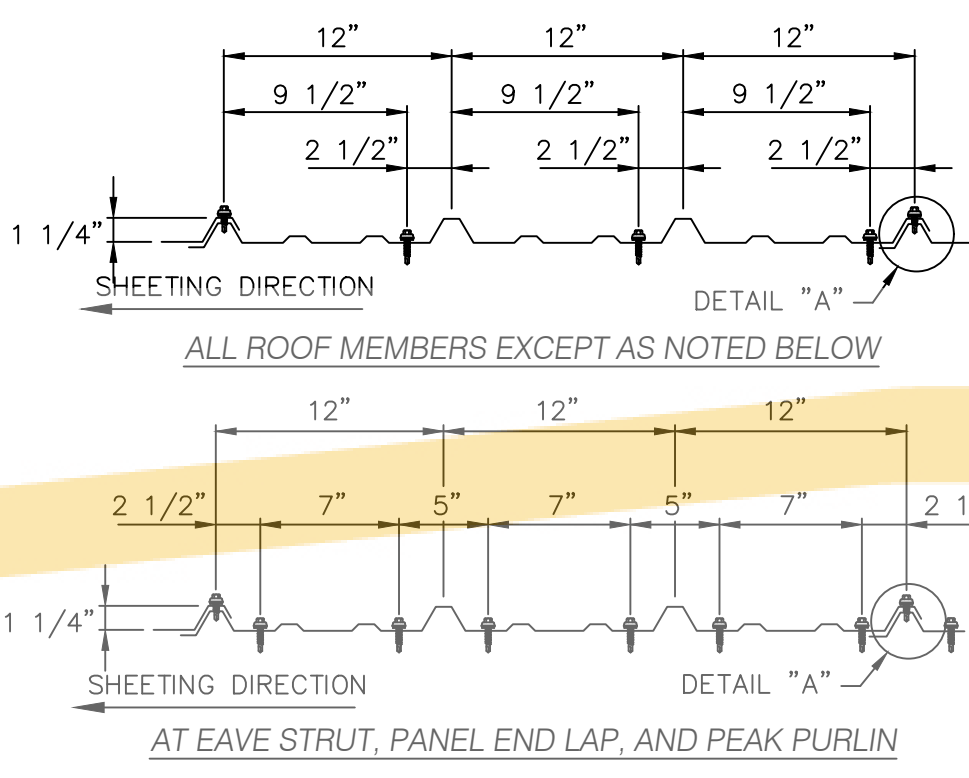
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- 1/4-14 x 1-1/4" HWH TCP2 5/16" HEAD SELF-DRILLER NO SEALING WASHER - ZINC-PLATED
 - 1/4-14 x 1-1/4" HWH SHOULDERED TOP3 5/16" HEAD SELF-DRILLER - NO SEALING WASHER - ZINC-PLATED
 - #12 x 1" PANCAKE HEAD SDS QUADREX DRIVE, ZINC-PLATED
- NOTES:**
Seating Torque: 30 - 60 in-lbs
Recommended Driving Tool: 1800 RPM screw gun with depth sensing nosepiece to prevent overdriving and stripout
- STANDARD FASTENERS MISCELLANEOUS**



ACCEPTABLE CONNECTIONS FOR ALL COLLATERAL LOADS FOR HANGER ATTACHMENT



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: 0-14 x 0 Hex Head Undercut (#14 x 0 Long-#1 Point Self-Drilling Lap Lap-Tek 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

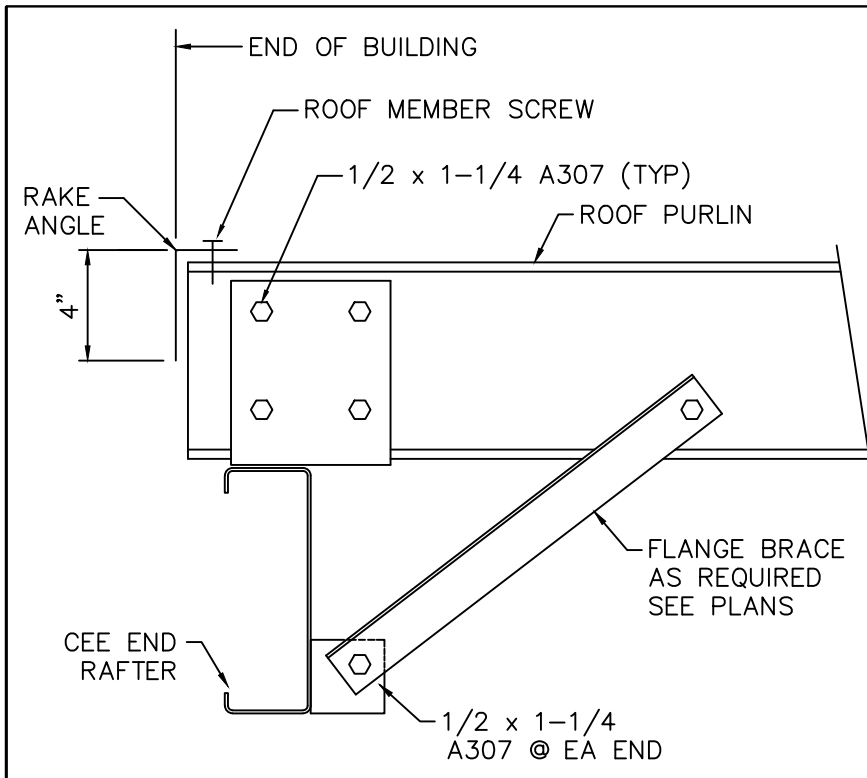
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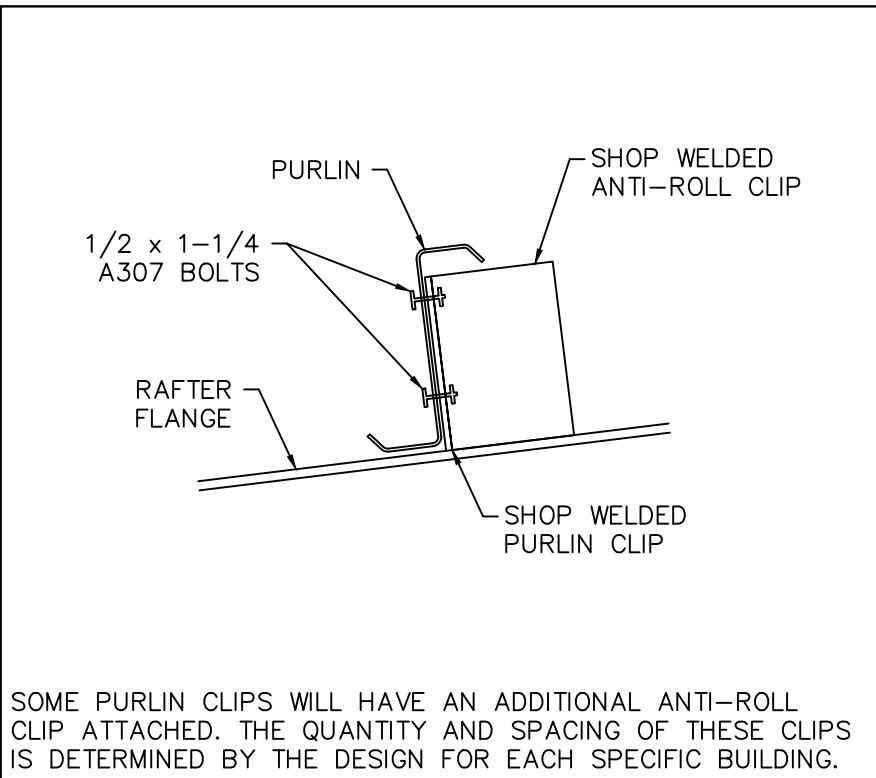
FOR ERECTOR INSTALLATION:
Final drawings for construction.



SAMPLE ONLY NOT FOR CONSTRUCTION

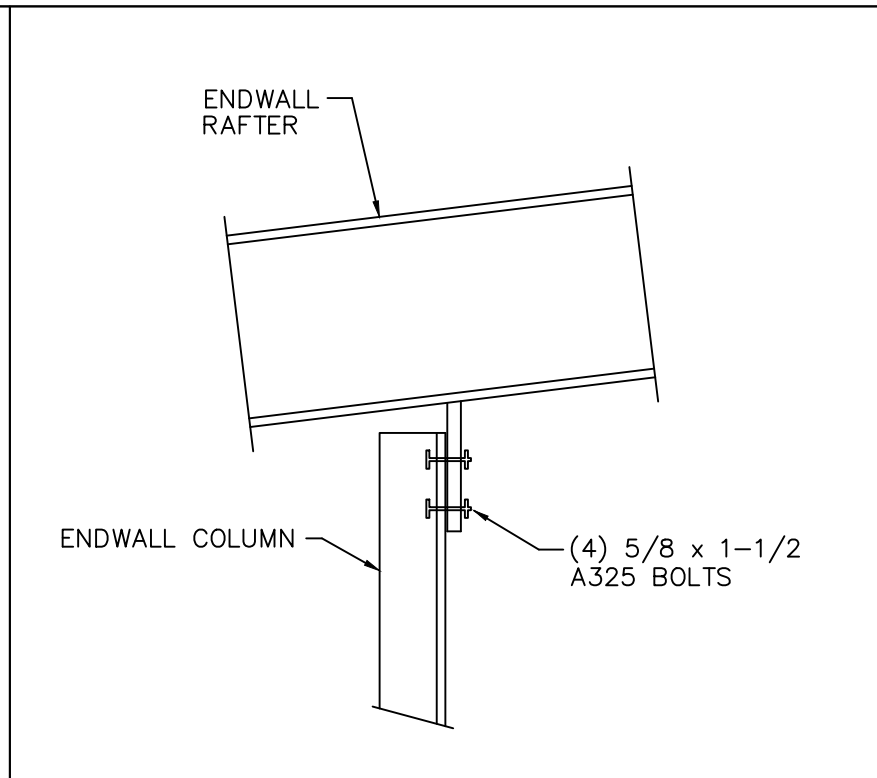


A5 CEE RAFTER TO PURLIN CONNECTION

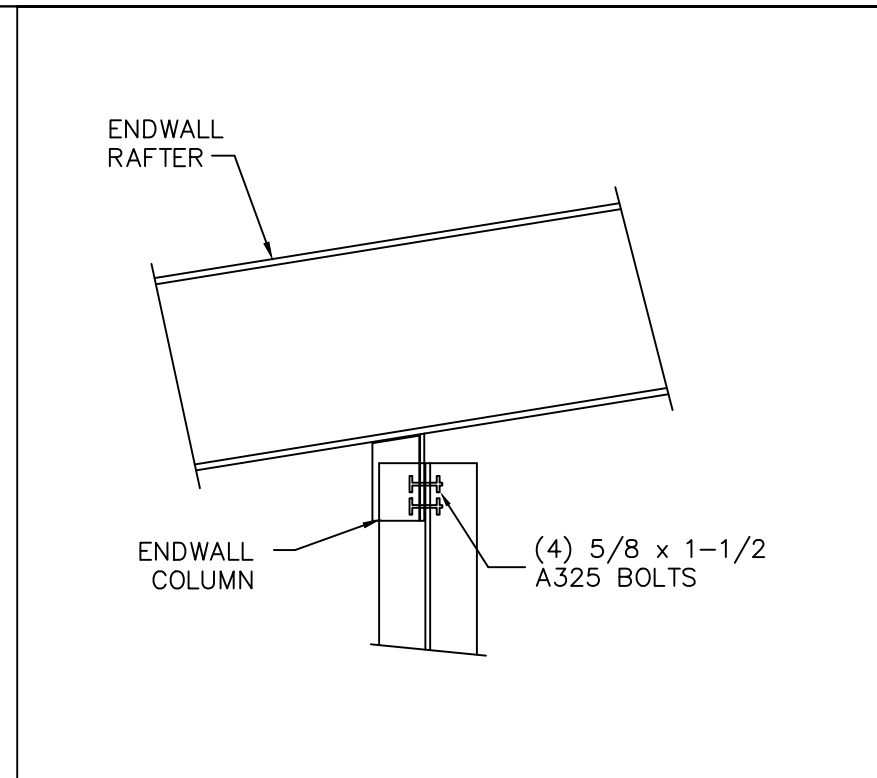


ANTI DETAIL AT ANTI-ROLL CLIP

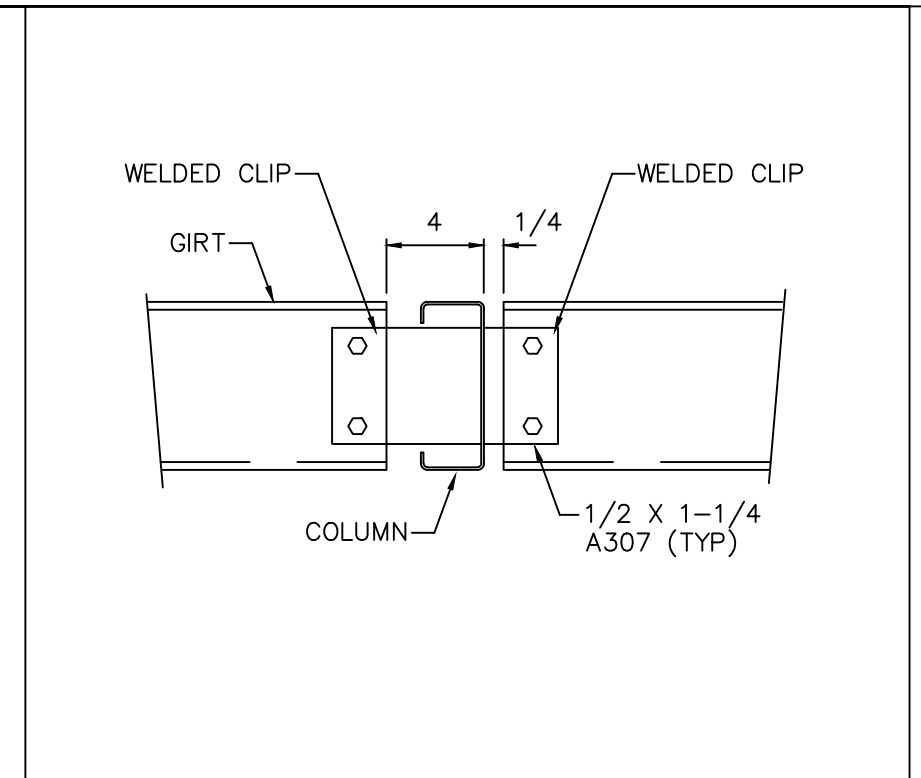
SOME PURLIN CLIPS WILL HAVE AN ADDITIONAL ANTI-ROLL CLIP ATTACHED. THE QUANTITY AND SPACING OF THESE CLIPS IS DETERMINED BY THE DESIGN FOR EACH SPECIFIC BUILDING.



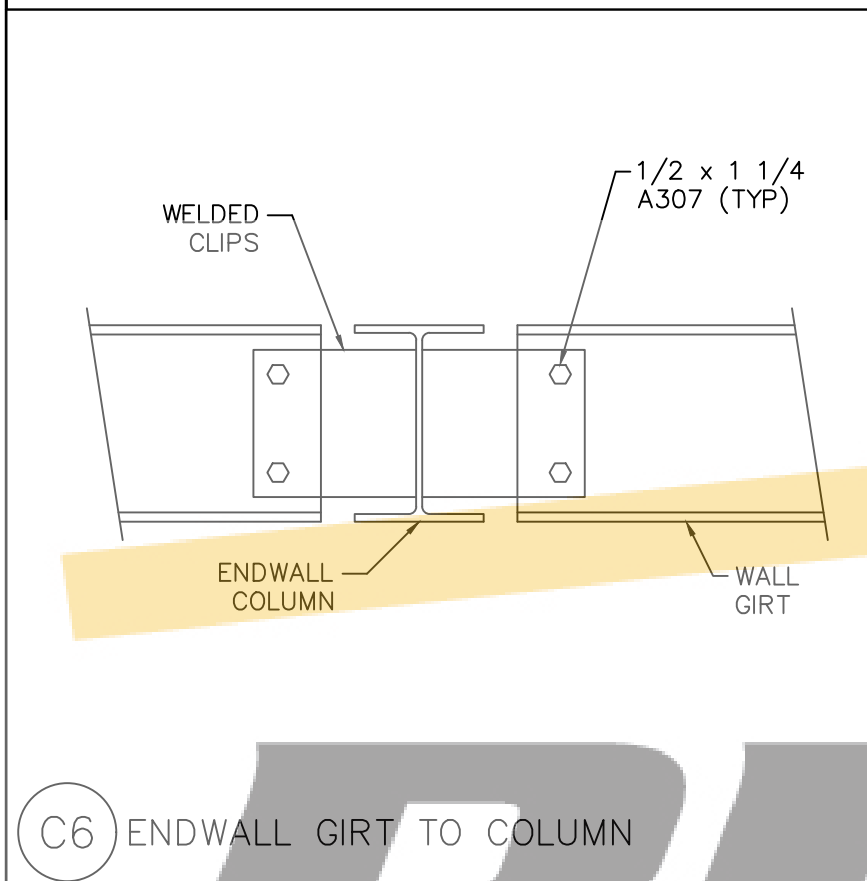
B4 ENDWALL RAFTER TO COLUMN



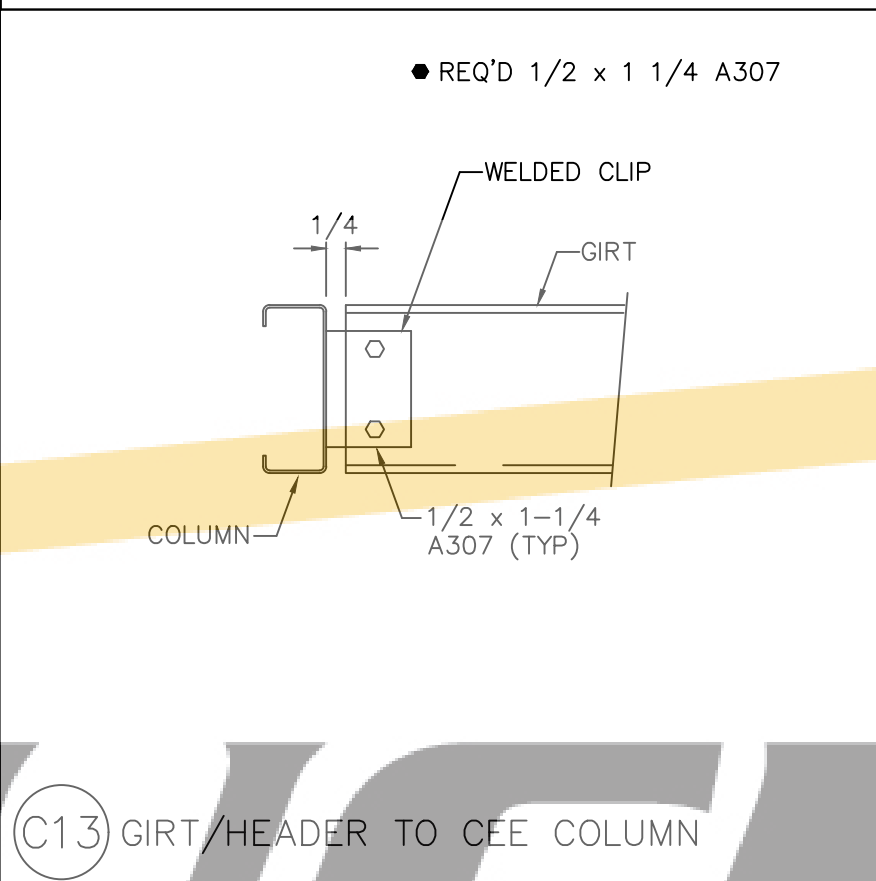
B6 ENDWALL RAFTER TO COLUMN



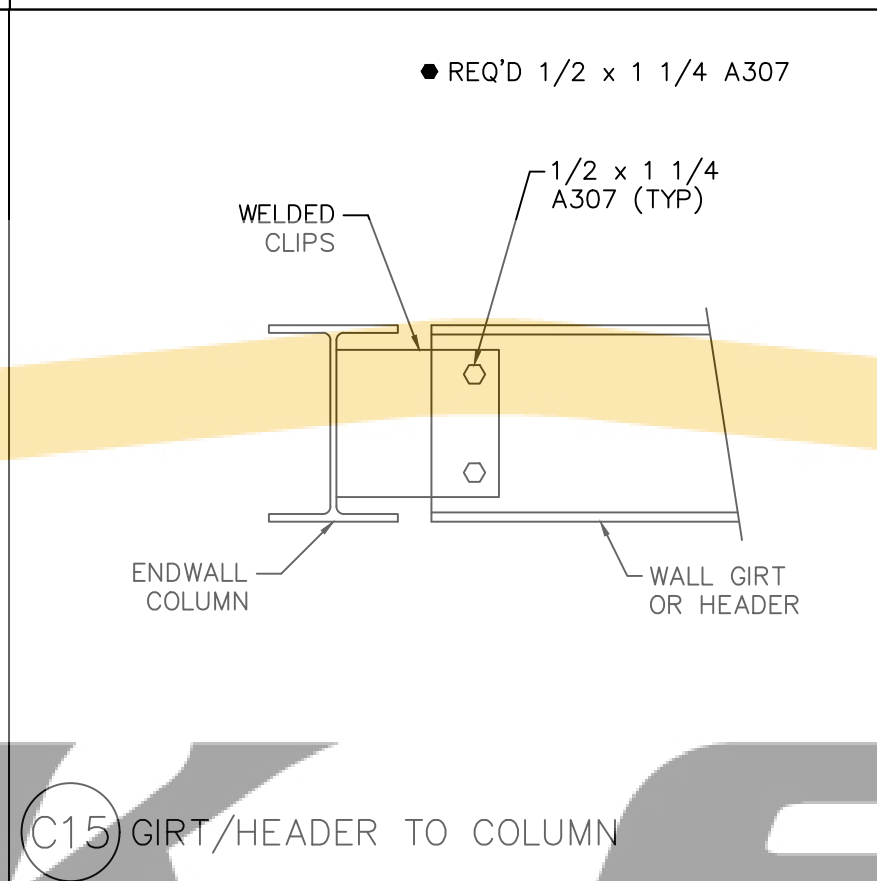
C4 GIRT TO COLUMN



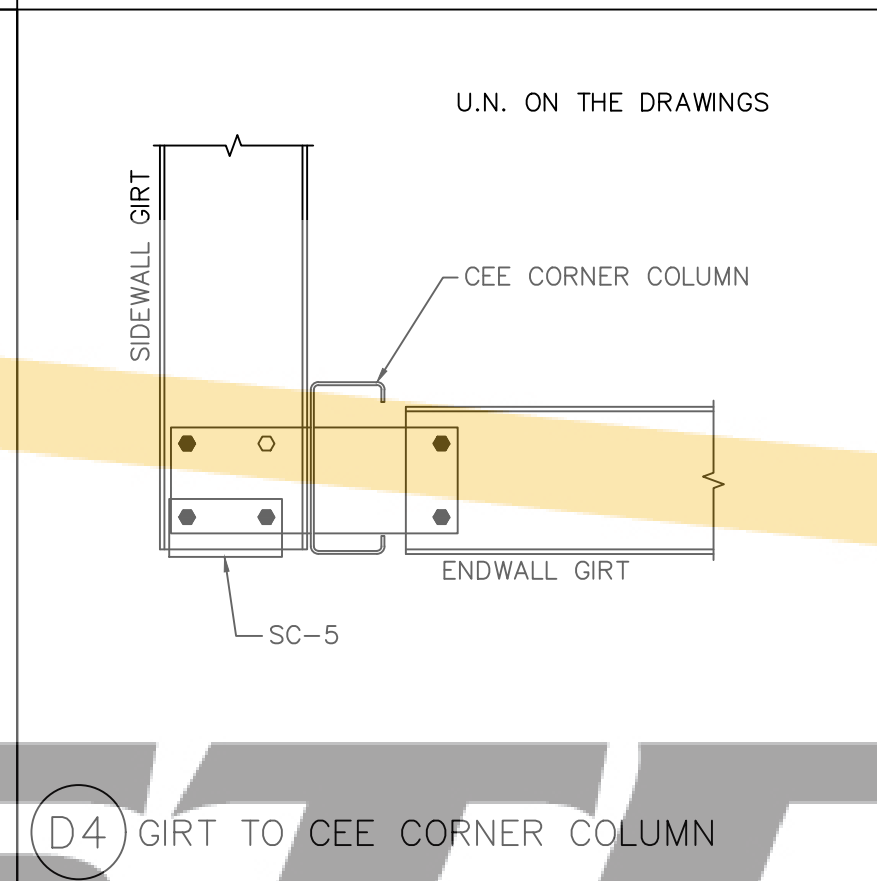
C6 ENDWALL GIRT TO COLUMN



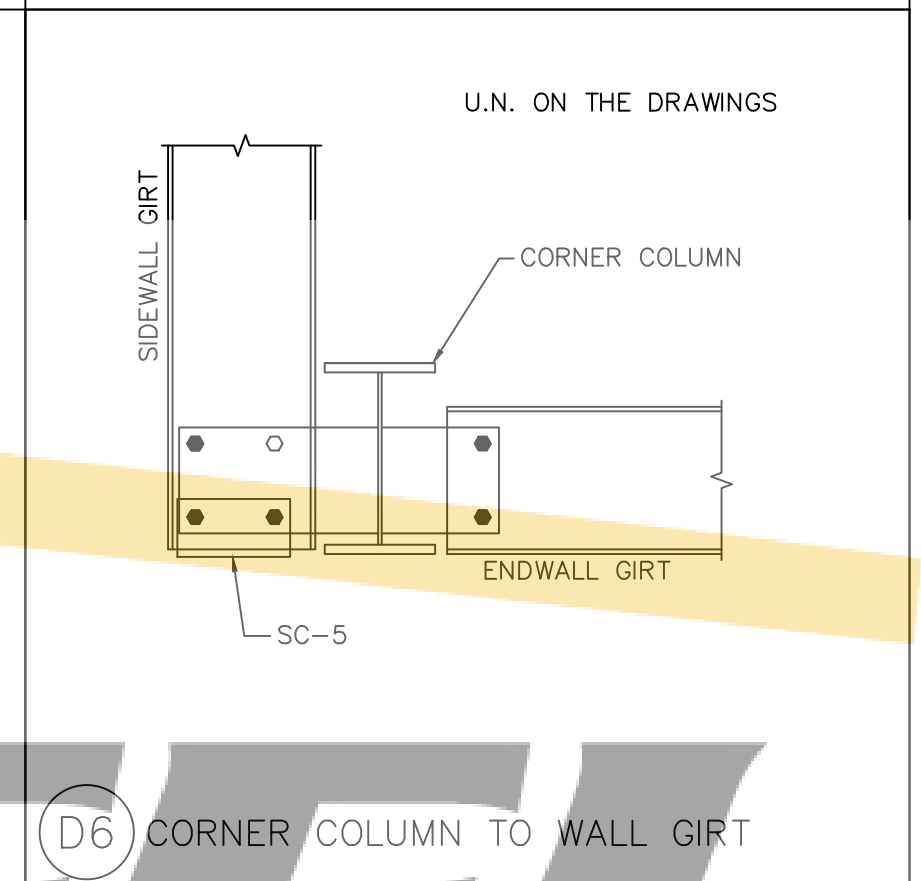
C13 GIRT/HEADER TO CEE COLUMN



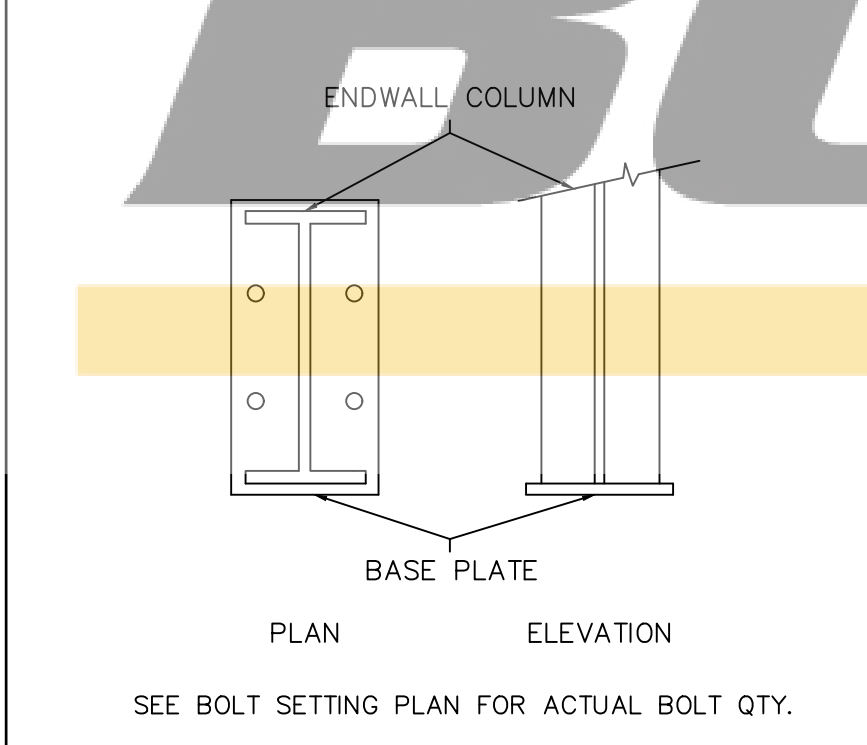
C15 GIRT/HEADER TO COLUMN



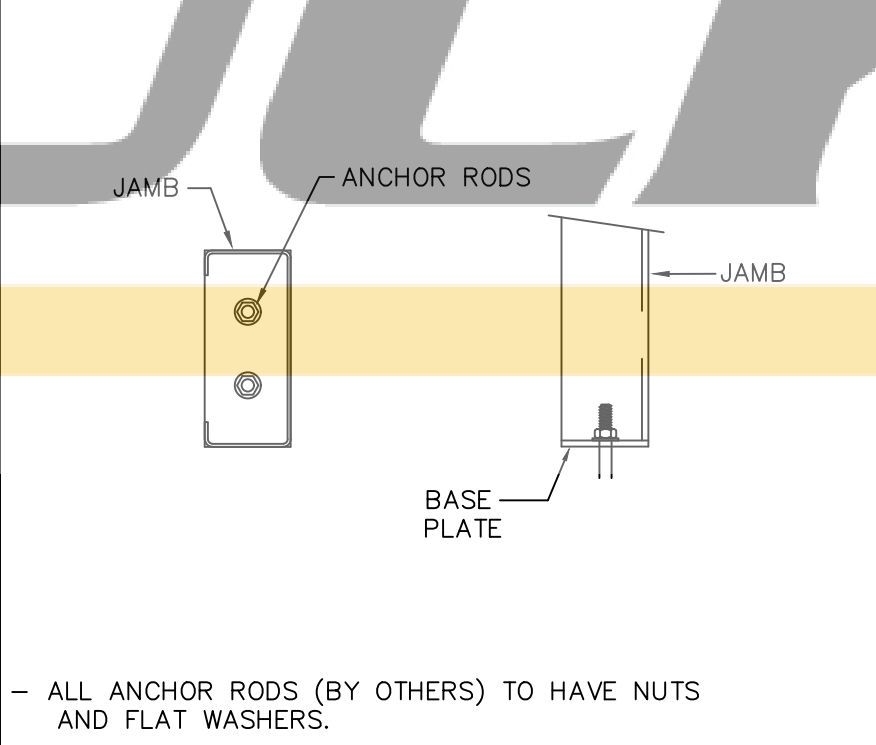
D4 GIRT TO CEE CORNER COLUMN



D6 CORNER COLUMN TO WALL GIRT

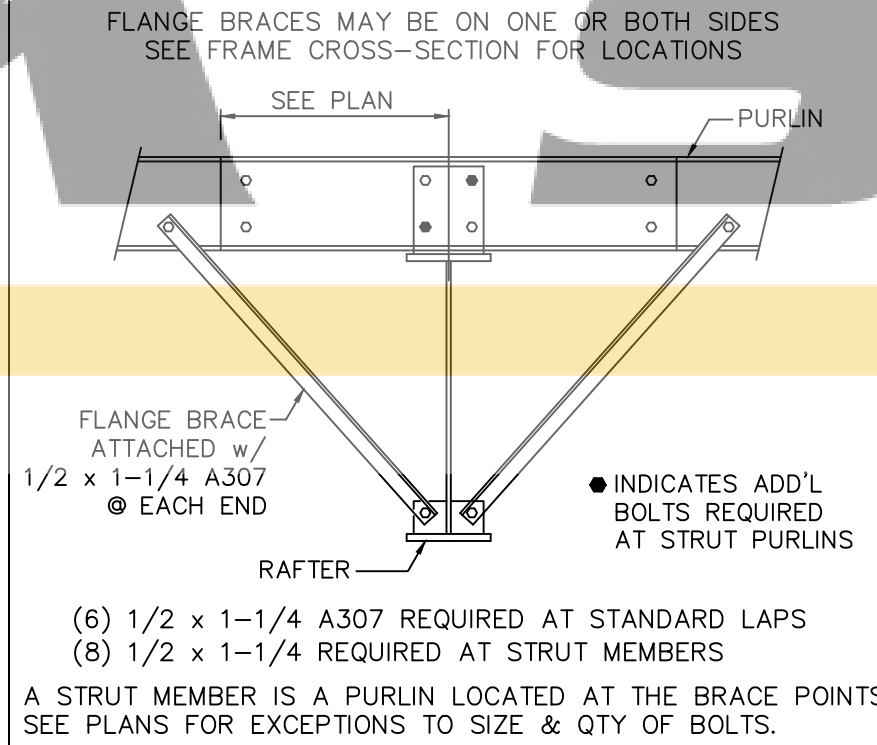


E3 BASE PLATE FOR ENDWALL COLUMN



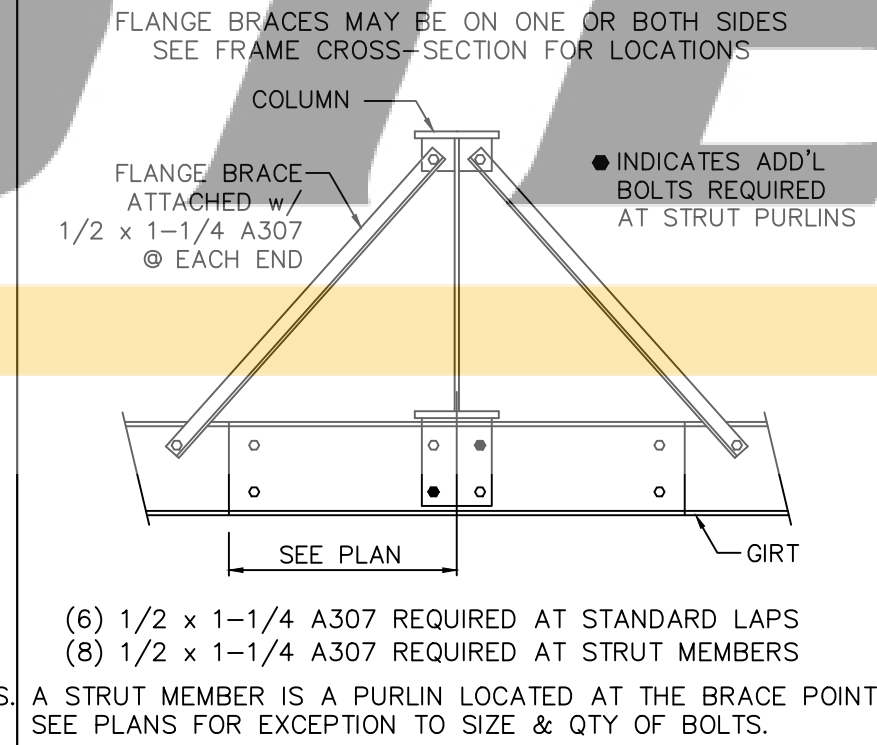
E5 BASE PLATE FOR DOOR JAMB

- ALL ANCHOR RODS (BY OTHERS) TO HAVE NUTS AND FLAT WASHERS.



G2 ROOF PURLIN TO INTERIOR FRAME RAFTER

A STRUT MEMBER IS A PURLIN LOCATED AT THE BRACE POINTS. SEE PLANS FOR EXCEPTIONS TO SIZE & QTY OF BOLTS.



H2 WALL GIRT TO FRAME COLUMN

A STRUT MEMBER IS A PURLIN LOCATED AT THE BRACE POINTS. SEE PLANS FOR EXCEPTION TO SIZE & QTY OF BOLTS.

BUCK STEEL

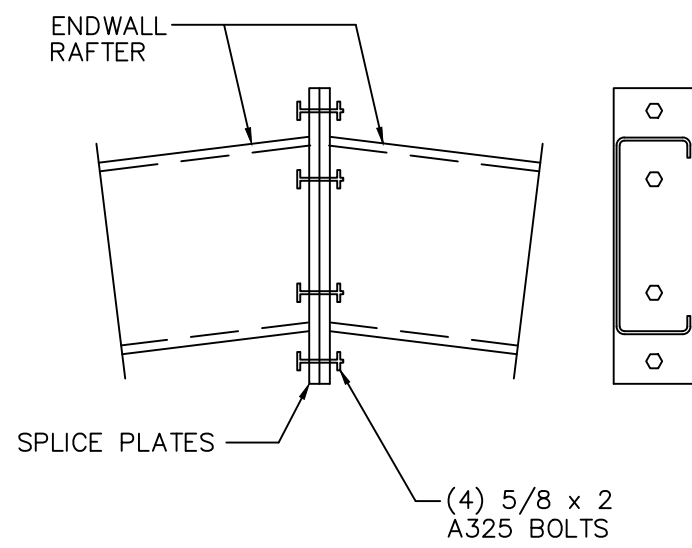
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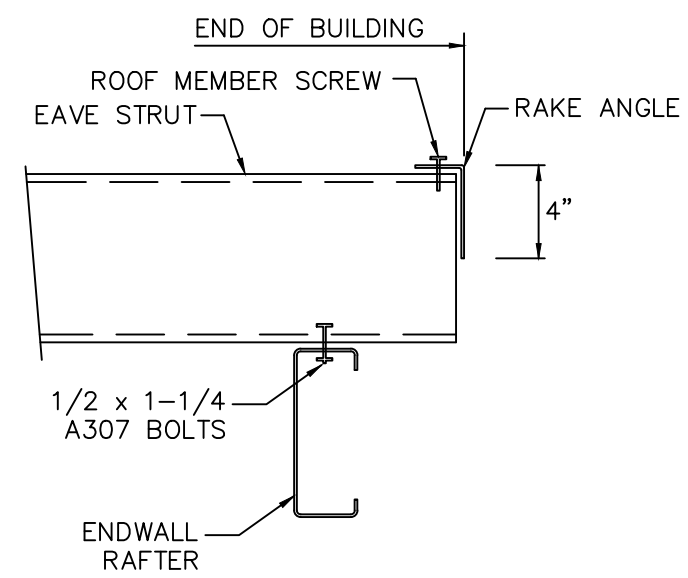
FOR ERECTOR INSTALLATION:
Final drawings for construction.



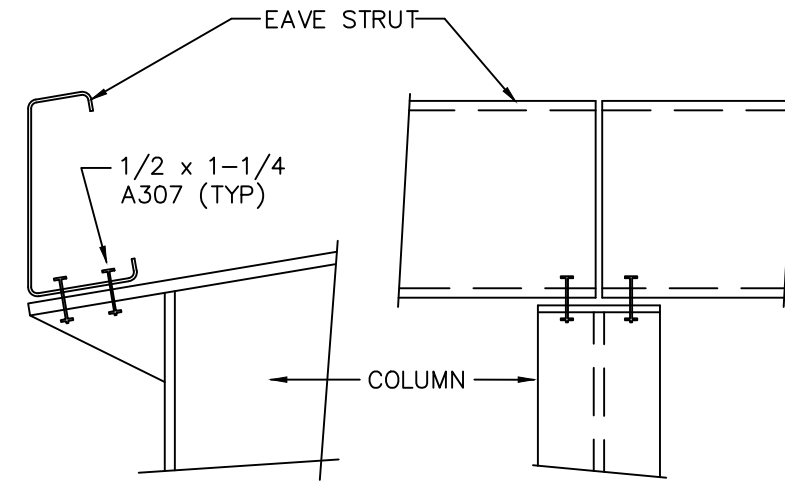
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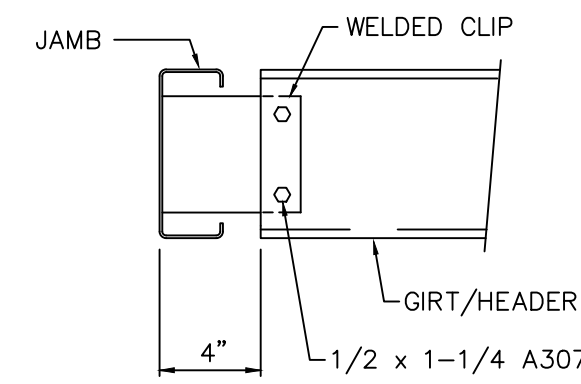
F10 RAFTER SPLICE AT SURFACE CHANGE



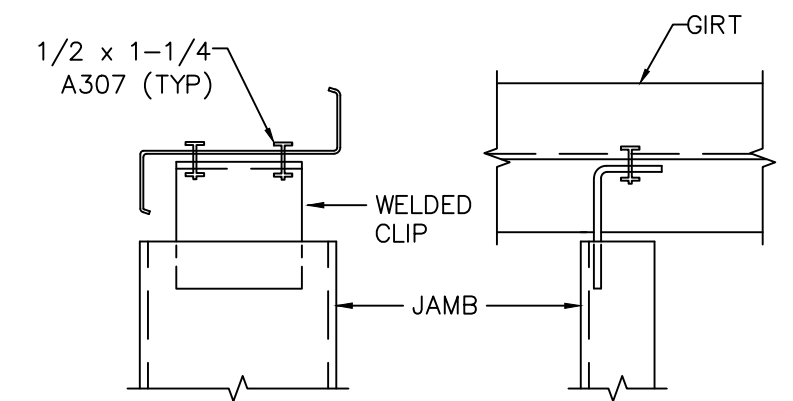
J2 EAVE STRUT TO ENDWALL RAFTER



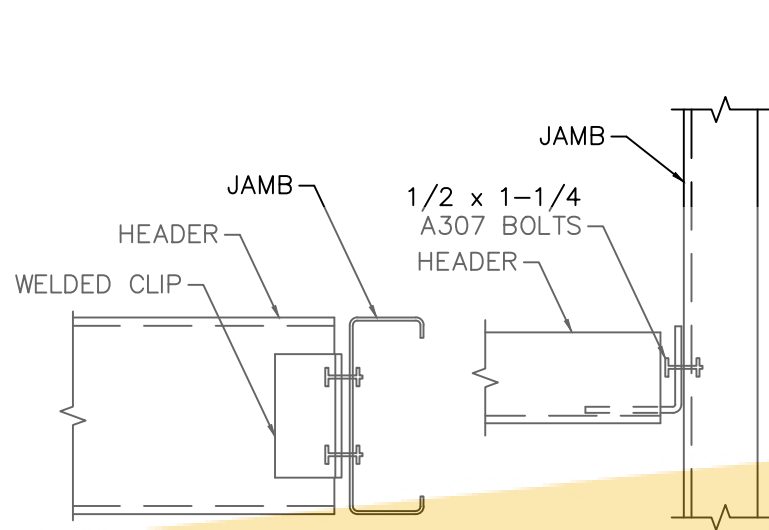
K3 EAVE STRUT TO RIGID FRAME



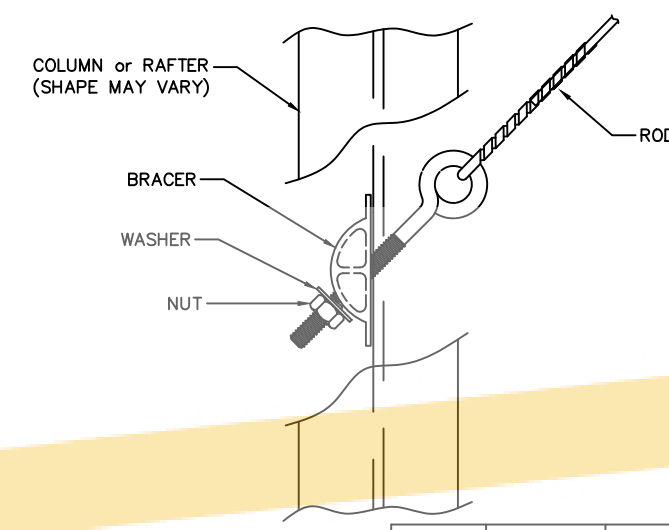
L8 DOOR JAMB TO WALL GIRT



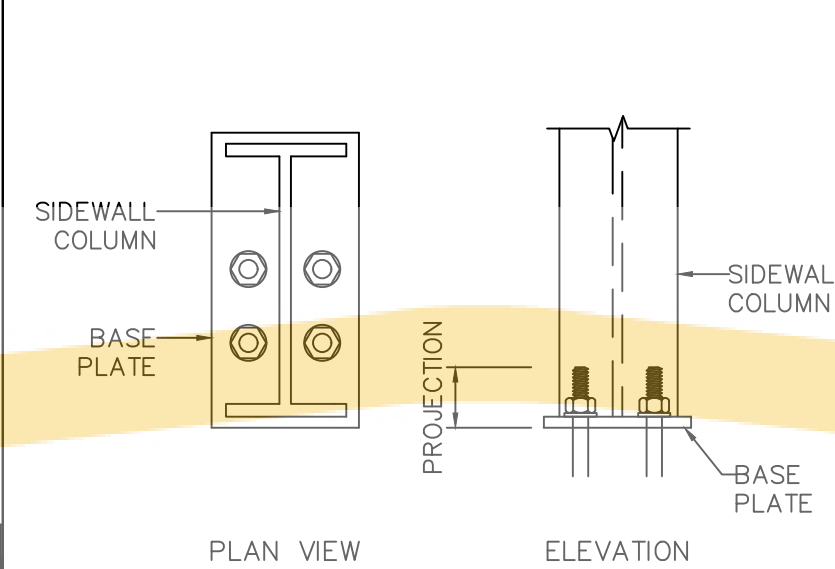
M3 DOOR JAMB TO WALL GIRT



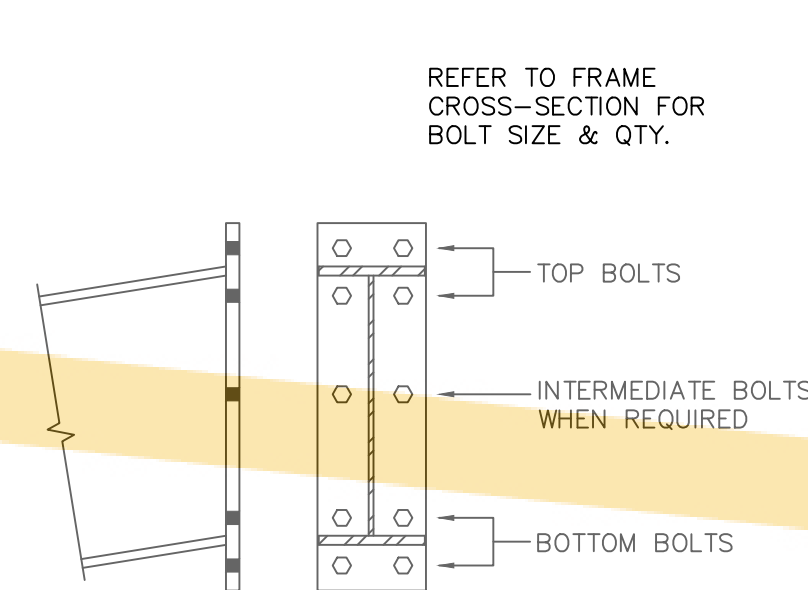
Q3 HEADER TO CEE JAMB



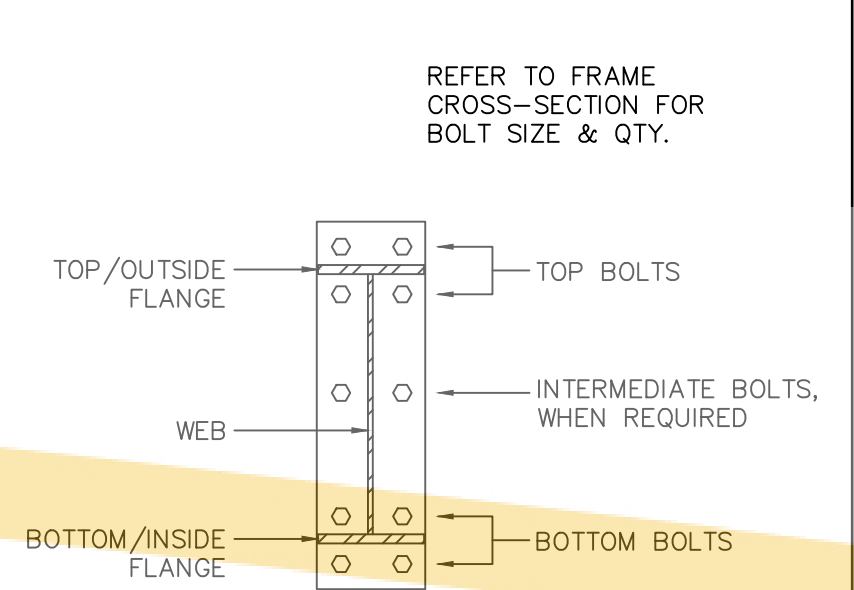
R2 DIAGONAL ROD BRACING INSTALLATION



U2 ANCHOR RODS AT SIDEWALL COLUMN



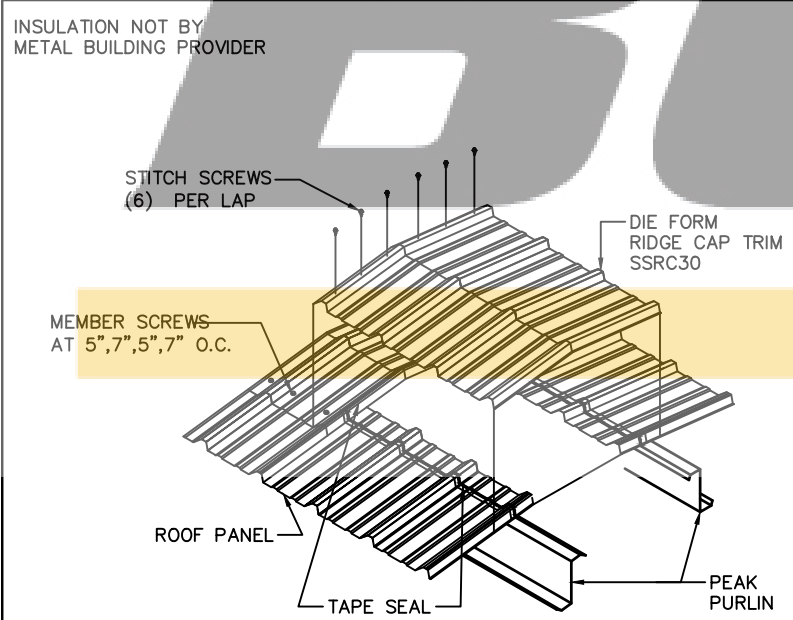
U3 BOLTED END PLATE CONNECTION AT BUILDING PEAK



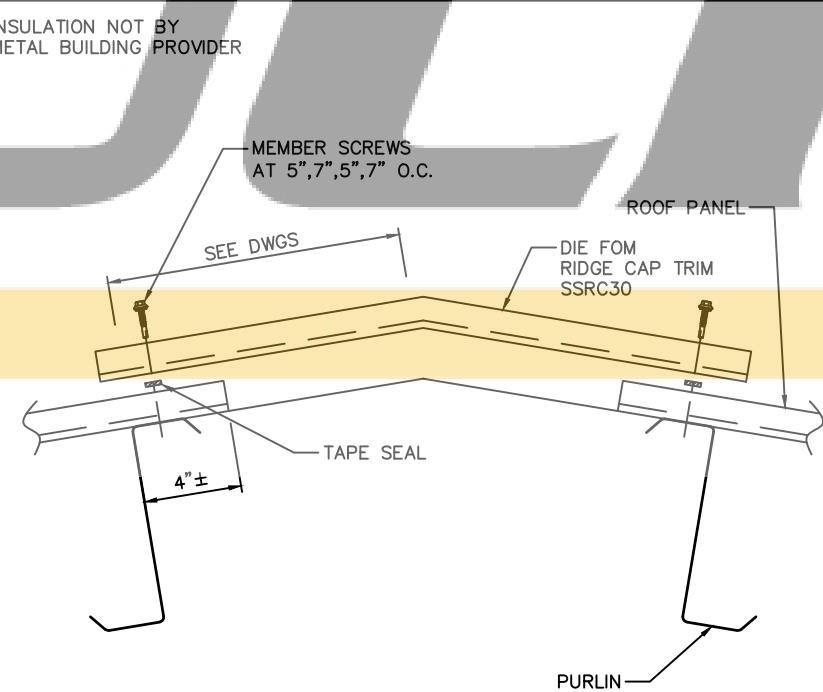
Z1 BOLTS FOR RAFTER TO COLUMN CONNECTION

ROD SIZE	BRACER	WASHER	NUT
1/2"	BRACER #1	F844 1/2"	A563 1/2"
5/8"	BRACER #1	F844 5/8"	A563 5/8"
3/4"	BRACER #2	F844 3/4"	A563 3/4"
1"	BRACER #3	F844 1"	A563 1"
1 1/4"	BRACER #4	F844 1 1/4"	A563 1 1/4"

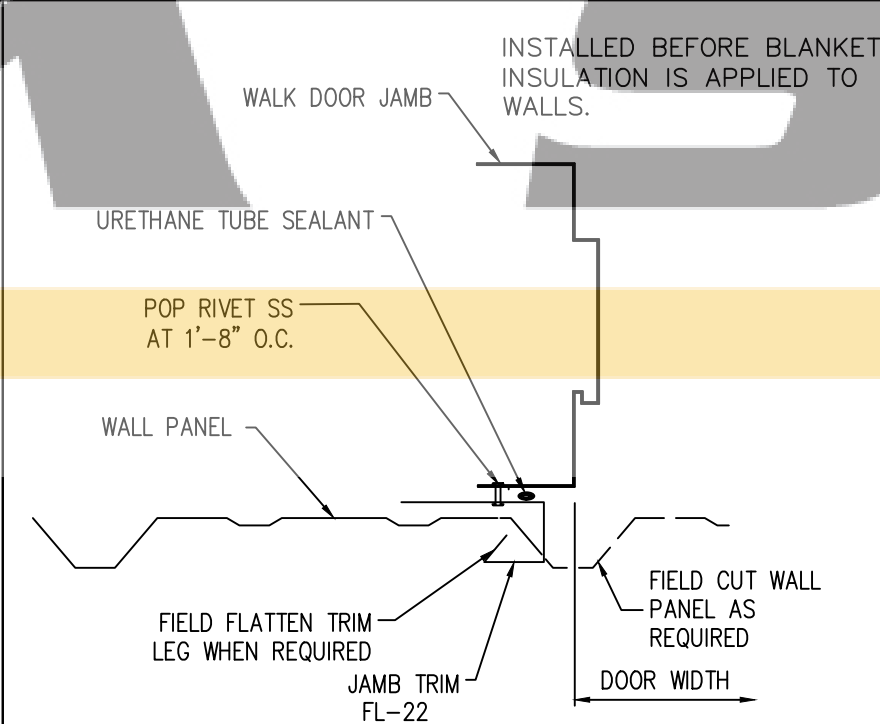
- ALL ANCHOR RODS (BY OTHERS) TO HAVE NUTS AND FLAT WASHERS.
- SEE BOLT SETTING PLAN FOR ACTUAL BOLT QTY.



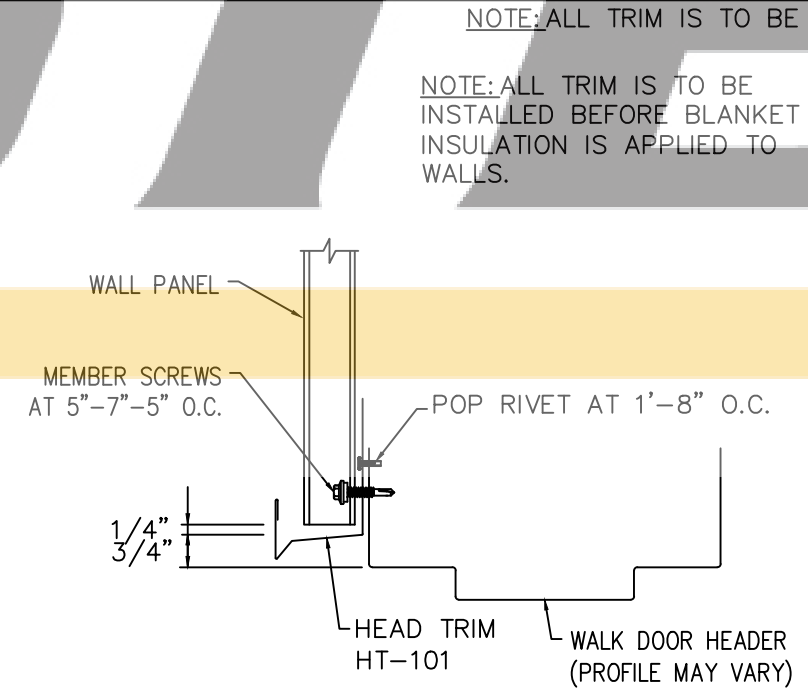
Z1 DIE FORME RIDGE CAP INSTALLATION (SUPER SPAN X)



Z2 DIE FORME RIDGE CAP INSTALLATION (SUPER SPAN X)



Z1 WALK DOOR STD JAMB TRIM (SUPER SPAN X)

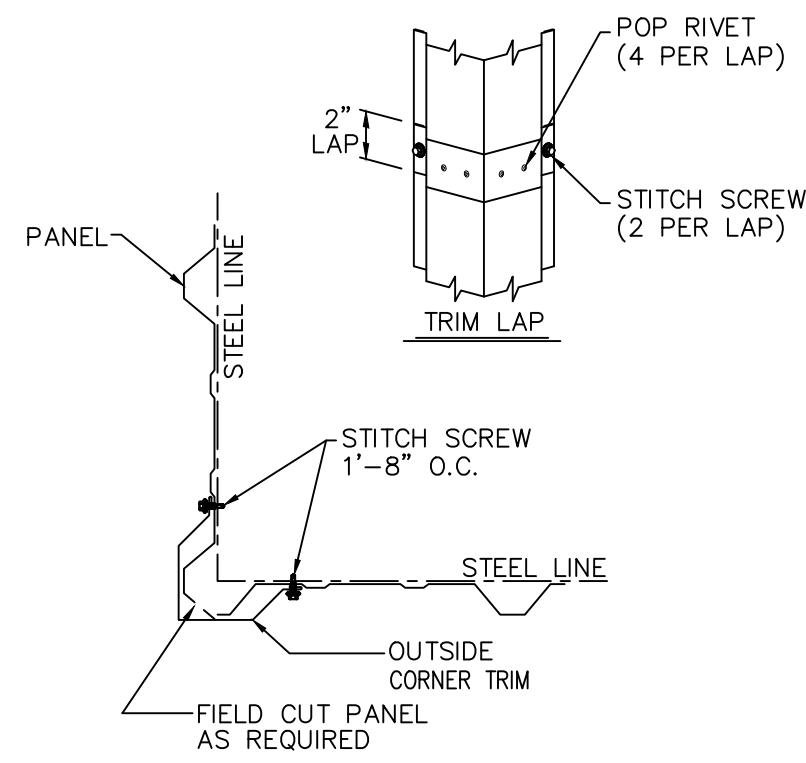


Z2 WALK DOOR STD HEAD TRIM (SUPER SPAN X)

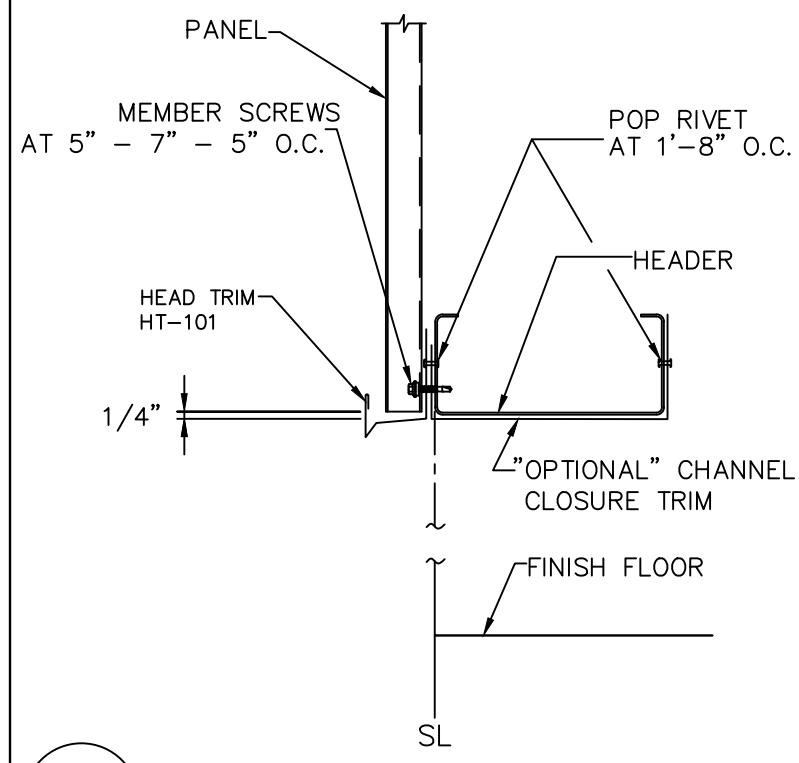
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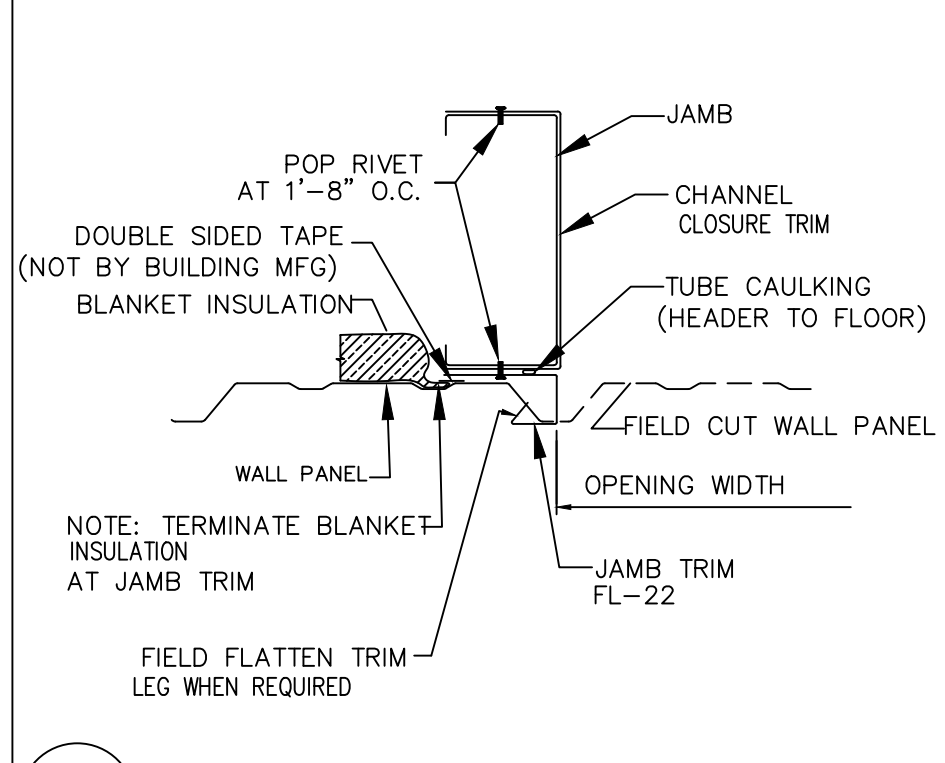
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C1 CORNER TRIM INSTALLATION



F1 HEAD TRIM INSTALLATION (SUPER SPAN X)



F2 JAMB TRIM INSTALLATION (SUPER SPAN X)



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