



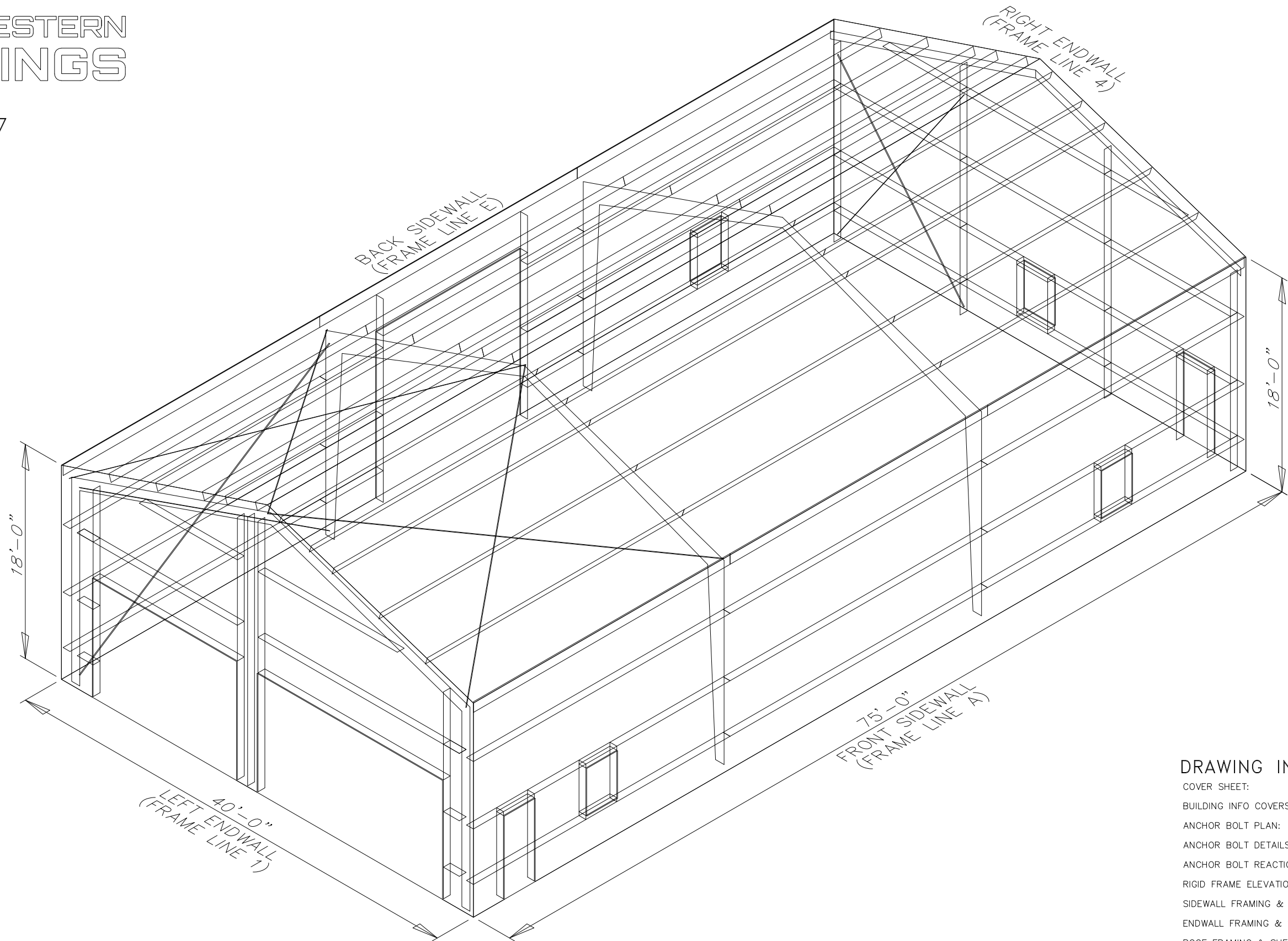
JOB NUMBER: 95707

PROJECT NAME:

PROJECT LOCATION:

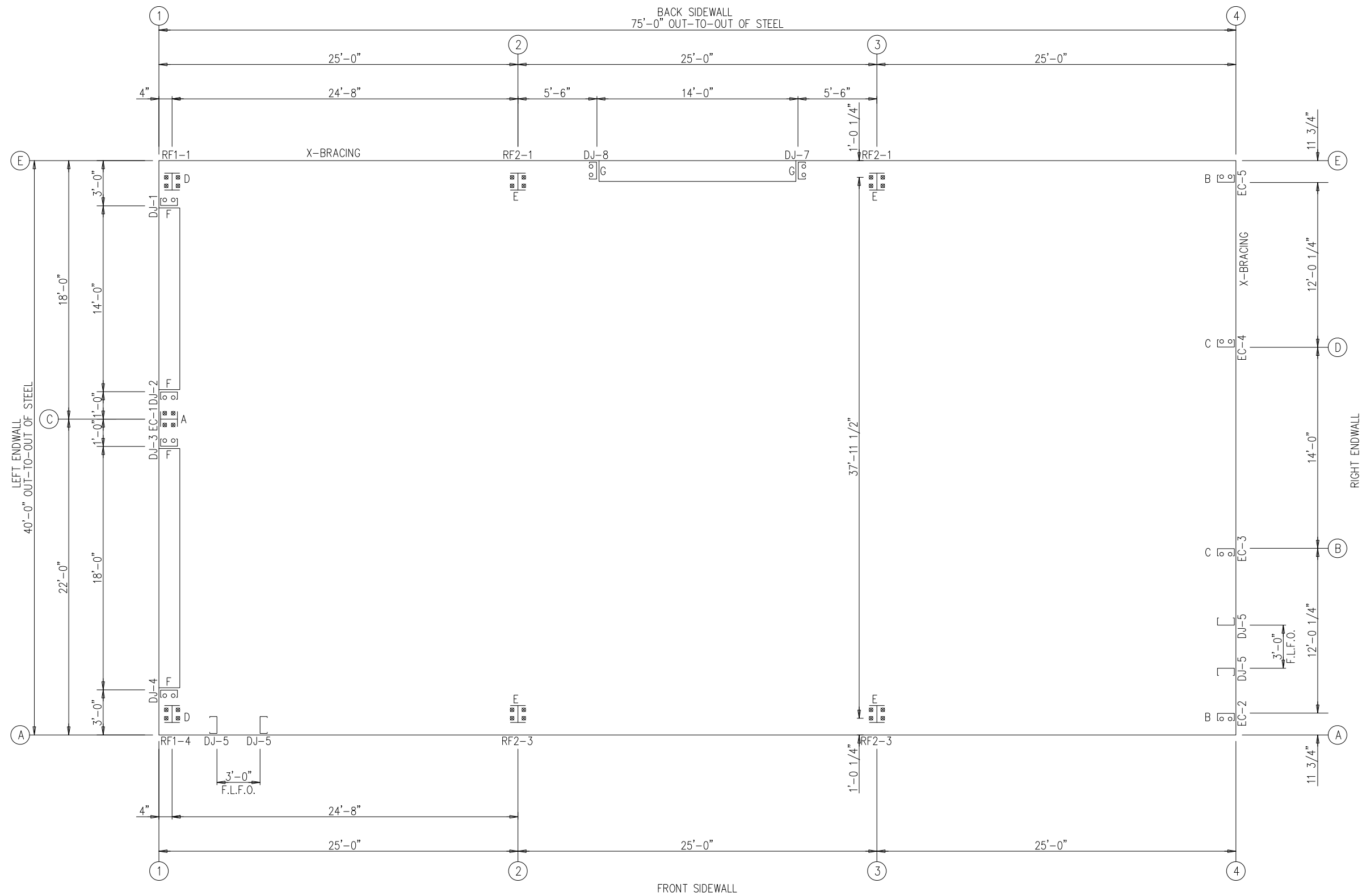
PROJECT LOCATION:

PROJECT COUNTY:



DRAWING INDEX

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ANCHOR BOLT SUMMARY

	QTY	LOCATE	DIA (in)	TYPE
○	12	JAMB	5/8"	A307
○	8	ENDWALL	5/8"	A307
⊗	4	ENDWALL	3/4"	A307
⊗	24	FRAME	3/4"	A307

[illegible]

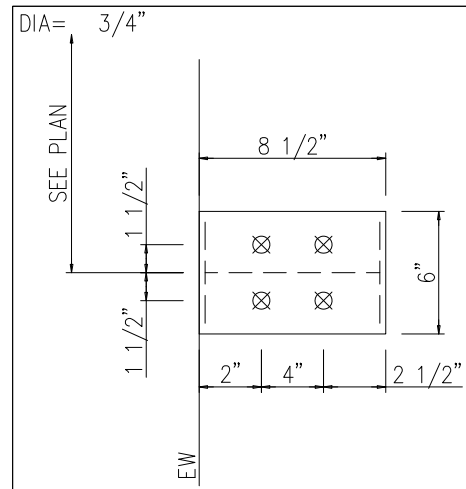
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WWW.GREATWESTERNBUILDINGS.COM

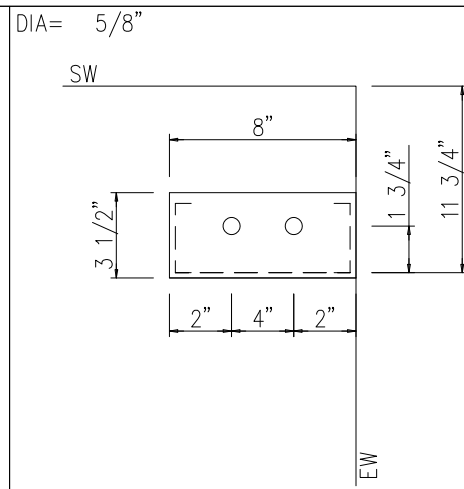
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PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	3 OF 18
LOG NUMBER:	95707

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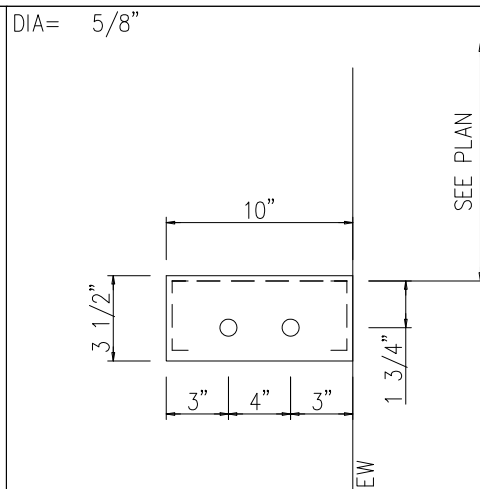
ANCHOR BOLT PLAN
NOTE: ALL BASE PLATES @ 100'-0" (U.N.)
F.L.F.O. = FIELD LOCATED FRAMED OPENING



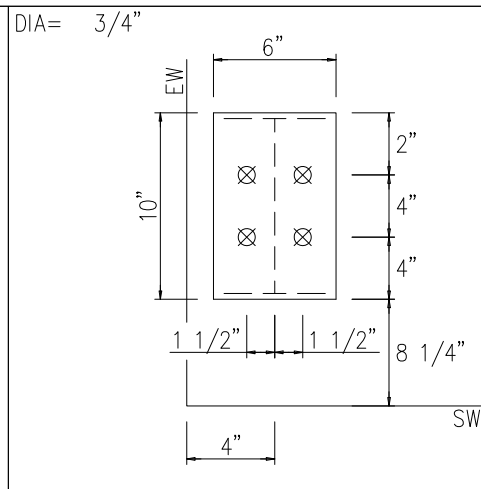
DETAIL A



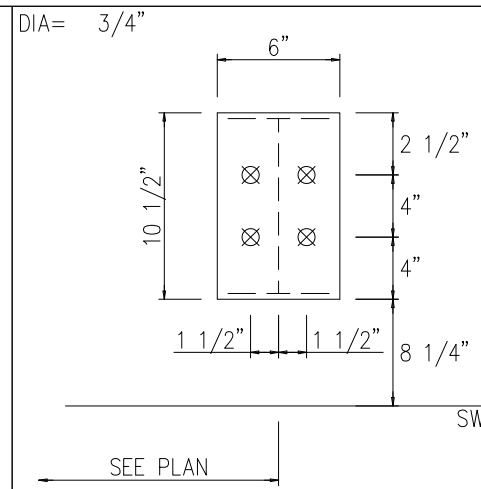
DETAIL B



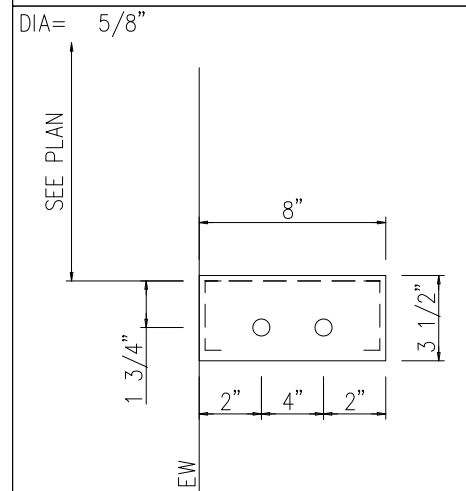
DETAIL C



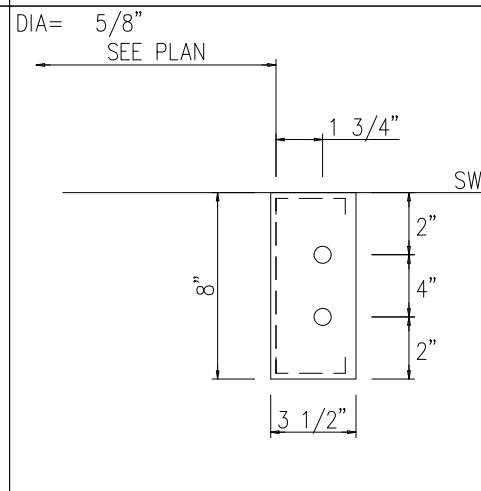
DETAIL D



DETAIL E



DETAIL	F
--------	---



DETAIL G

NOTE:

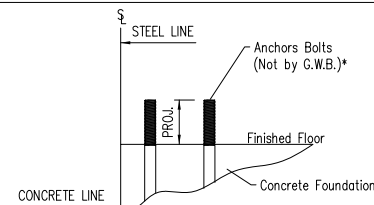
MINOR FIELD WORK OF STRUCTURAL, SECONDARY AND PANEL/TRIM ITEMS MAY BE NECESSARY TO ENSURE PROPER FIT. SUCH WORK IS CONSIDERED A NORMAL PART OF METAL BUILDING ERECTION. G.W.B. WILL NOT HONOR BACKCHARGES FOR MINOR FIELD WORK.

ANCHOR BOLT DIAMETERS HAVE BEEN DESIGNED BY THE METAL BUILDING ENGINEER BASED ON AISC METHOD WITH COMBINED SHEAR AND TENSION.

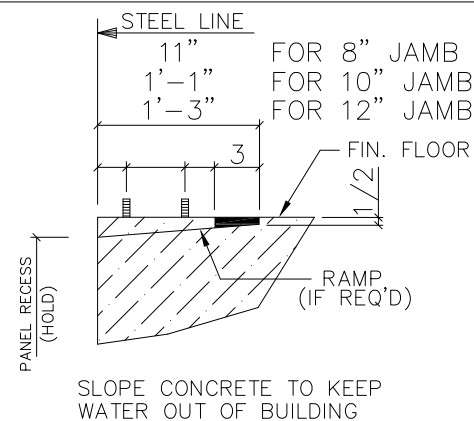
DEVELOPMENT, EMBEDMENT AND HOOK LENGTH OF ANCHOR BOLTS IN THE CONCRETE ARE DESIGN RESPONSIBILITY OF OTHERS. ALSO DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DESIGNED AND PROVIDED BY OTHERS.

NOTE: ANCHOR BOLT PROJECTION IS FROM BOTTOM OF BASE PLATE.

Anchor Bolt Diameter	Projection
1/2"	1 1/2"
5/8"	2"
3/4"	2 1/2"
7/8"	3 1/2"
1"	3 1/2"
1 1/8"	3 1/2"
1 1/4"	3 1/2"



CONCRETE NOTCH AND ANCHOR BOLT PROJECTION



CONCRETE DETAIL
AT OVERHEAD DOOR

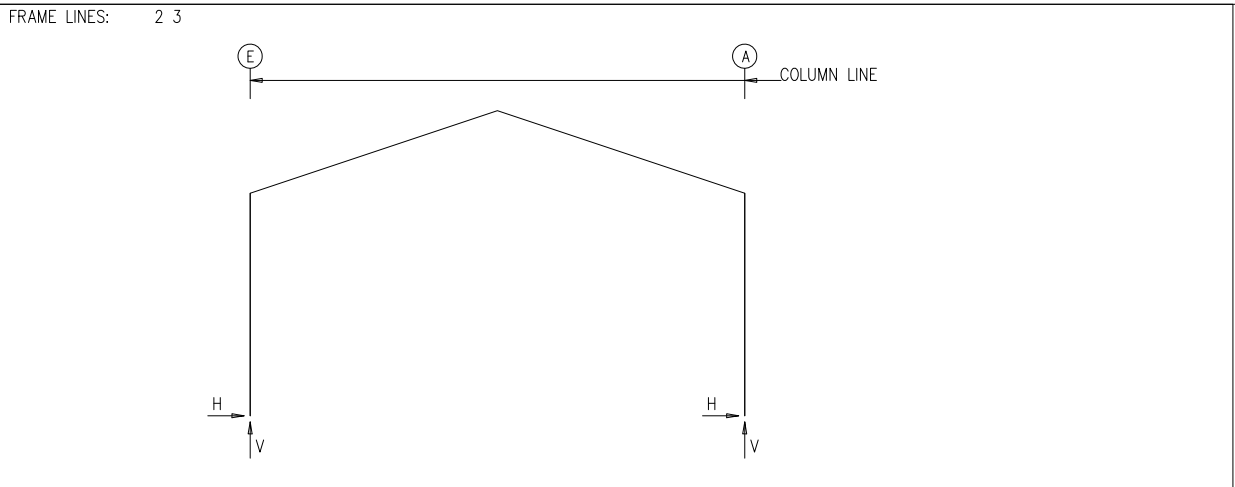
[illegible]

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[illegible]

ENDWALL COLUMN:		BASIC COLUMN REACTIONS (k)												Wind Press
Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Horz
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
4	A	0.2	0.1	1.3	2.5	0.0	-1.4	0.0	-2.0	0.0	-0.4	0.0	-1.0	-1.2
4	B	0.6	0.2	3.8	7.3	0.0	-4.6	0.0	-2.3	0.0	-3.5	0.0	-1.3	-2.9
4	D	0.6	0.2	3.8	7.3	-2.5a	-7.6	0.0	-0.1	-2.5a	-6.6	0.0	0.9	-2.9
4	E	0.2	0.1	1.3	2.5	0.0	3.2	2.5a	-5.8	0.0	4.2	2.5a	-4.8	-1.2
Frm Line	Col Line	Wind Suct Horz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		Seis Long Vert	E2UNB_SL_L-		
			Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert		Horz	Vert	
4	A	1.4	0.0	-2.5	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.4	
4	B	3.2	0.0	-3.5	0.0	-2.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	
4	D	3.2	0.0	-0.6	-0.8a	-5.2	-0.2a	-0.5	0.0	0.4	0.0	0.0	3.1	
4	E	1.4	0.8a	-3.2	0.0	-0.8	0.0	0.5	0.2a	-0.4	0.0	0.0	0.6	
Frm Line	Col Line	E2UNB_SL_R-												
		Horz	Vert											
4	A	0.0	0.6											
4	B	0.0	3.1											
4	D	0.0	9.4											
4	E	0.0	2.4											

a - Out-of-Plane to column web reaction

BUILDING BRACING REACTIONS									
—Wall	—	Col	± Reactions(k)				Panel_Shear (lb/ft)		
Loc	Line	Line	—Wind	—Seismic	—	—	Wind	Seis	Note
			Horz	Vert	Horz	Vert			
L_EW	1								(h)
F_SW	A								
R_EW	4	Torsional	Bracing	Used					
B_SW	E	D,E	2.5	4.3	0.3	0.4			
		2,1	7.2	4.7	1.3	0.8			

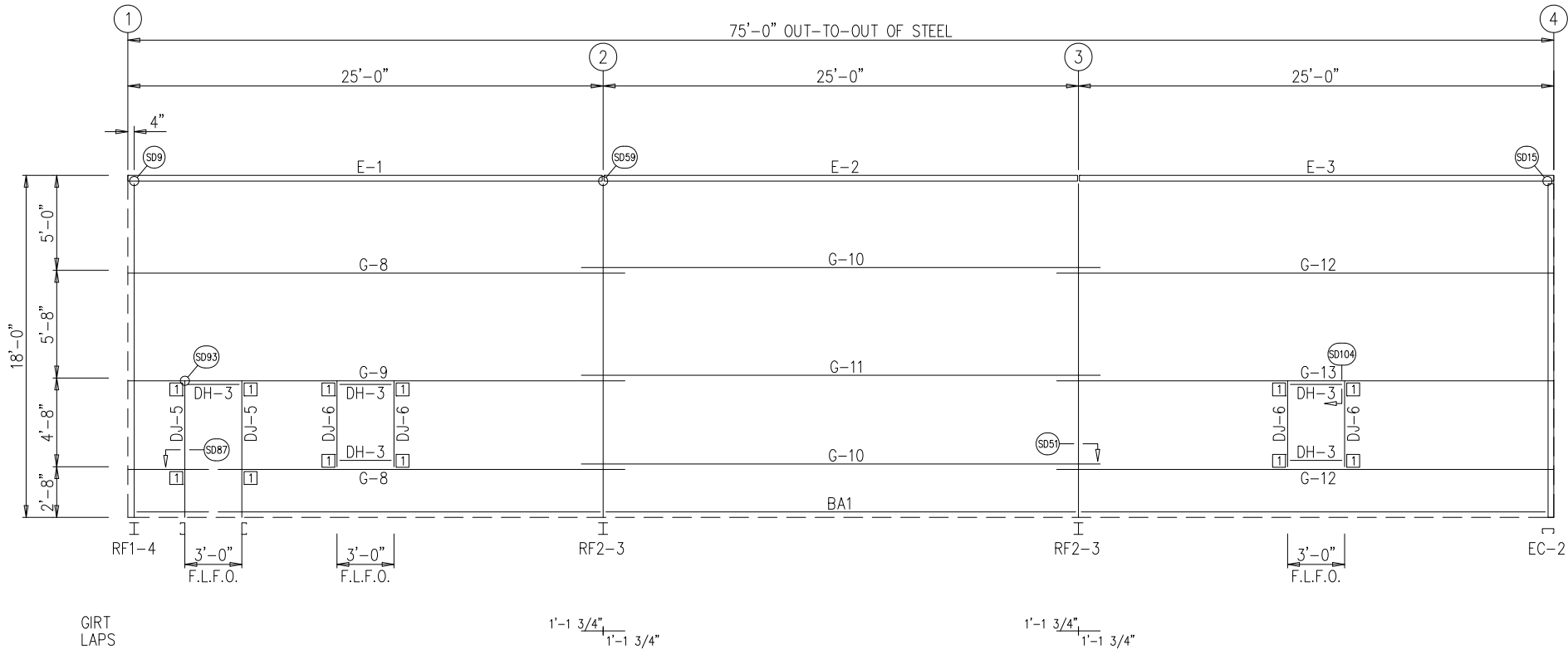
(h) Rigid frame at endwall

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

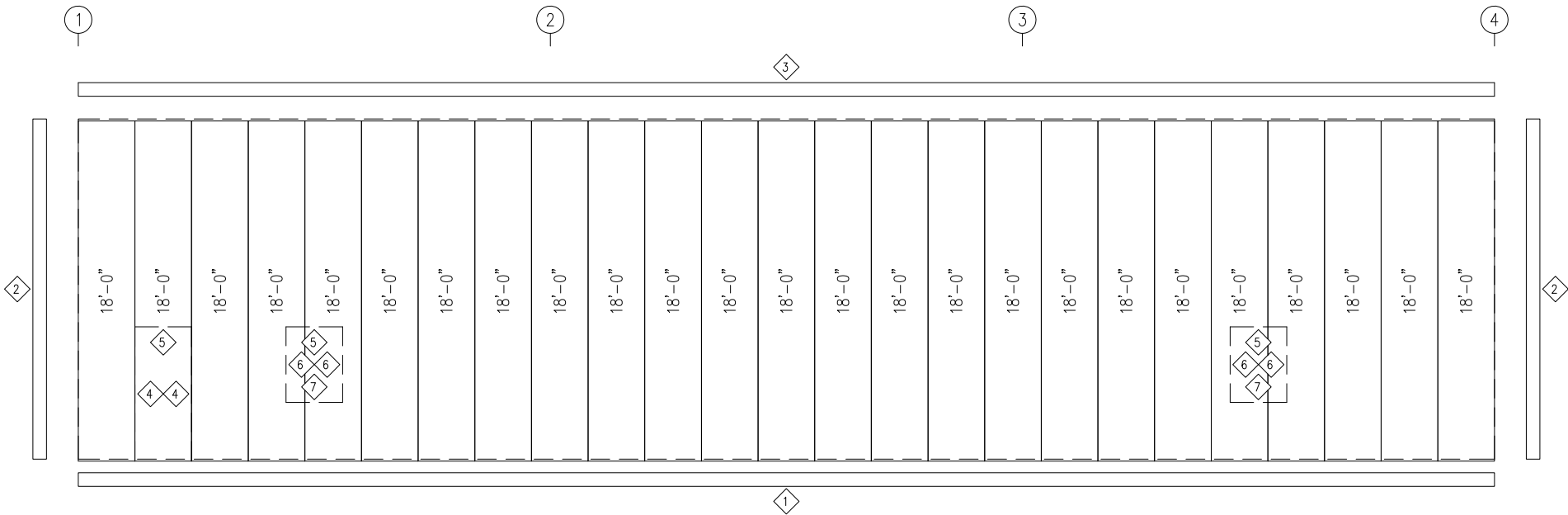
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PROJECT LOCATION:	
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SCALE:	N.T.S.
SHEET NUMBER:	5 OF 18
JOB NUMBER	95707

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SIDEWALL FRAMING: FRAME LINE A
NOTE: F.L.F.O. = FIELD LOCATED FRAMED OPENING



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 GA. PBR – BURNISHED SLATE

TRIM TABLE FRAME LINE A				
◇ID	QUAN	PART	LENGTH	DETAIL
1	8	FL-60	10'-2"	TD74
2	2	FL-10	18'-0"	TD40
3	7	FL-214	10'-11"	TD17
4	2	FL-48	7'-2"	TD51
5	3	FL-52	3'-4"	TD52
6	4	FL-48	4'-0"	TD51
7	2	FL-50	3'-4"	TD52

MEMBER TABLE FRAME LINE A			
QUAN	MARK	PART	LENGTH
2	DJ-5	8x25C16	7'-0"
4	DJ-6	8x25C16	4'-0"
5	DH-3	GH-1	3'-0"
1	E-1	L10E16-4	24'-11 1/2"
1	E-2	L10E16-4	24'-11 1/2"
1	E-3	L10E16-4	24'-11 1/2"
2	G-8	8X25Z16	26'-1 1/2"
1	G-9	8X25Z14	26'-1 1/2"
2	G-10	8X25Z16	27'-3 1/2"
1	G-11	8X25Z14	27'-3 1/2"
2	G-12	8X25Z16	26'-1 1/2"
1	G-13	8X25Z14	26'-1 1/2"

CONNECTION PLATES FRAME LINE A		
◇ID	QUAN	MARK
1	12	CL-103

ENG. CHK. DWN. JMM JMM JMM

DATE 04/02/26 05/07/26

ISSUE APPROVAL PERMIT/ERECTION

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SHEET NUMBER: 8 OF 18
JOB NUMBER 95707

SHEET TITLE: SIDEWALL FRAMING & SHEETING

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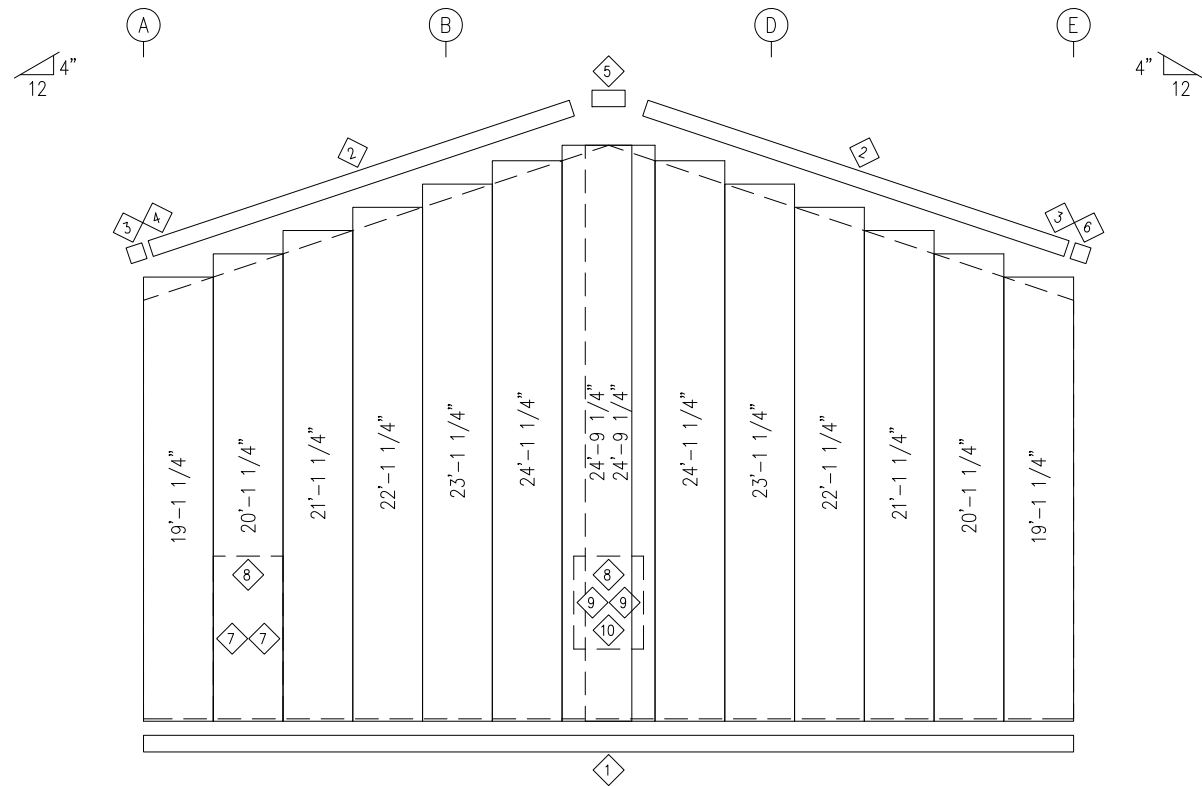
[illegible]

SPECIAL BOLTS					
◇ ID	QUAN	TYPE	DIA	LENGTH	WASH
1	2	A307	1/2"	1 1/4"	2

CONNECTION PLATES FRAME LINE E		
□ID	QUAN	MARK
1	10	CL-103
2	2	CL-100

CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
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CUSTOMER EMAIL:	
SCALE:	N.T.S.
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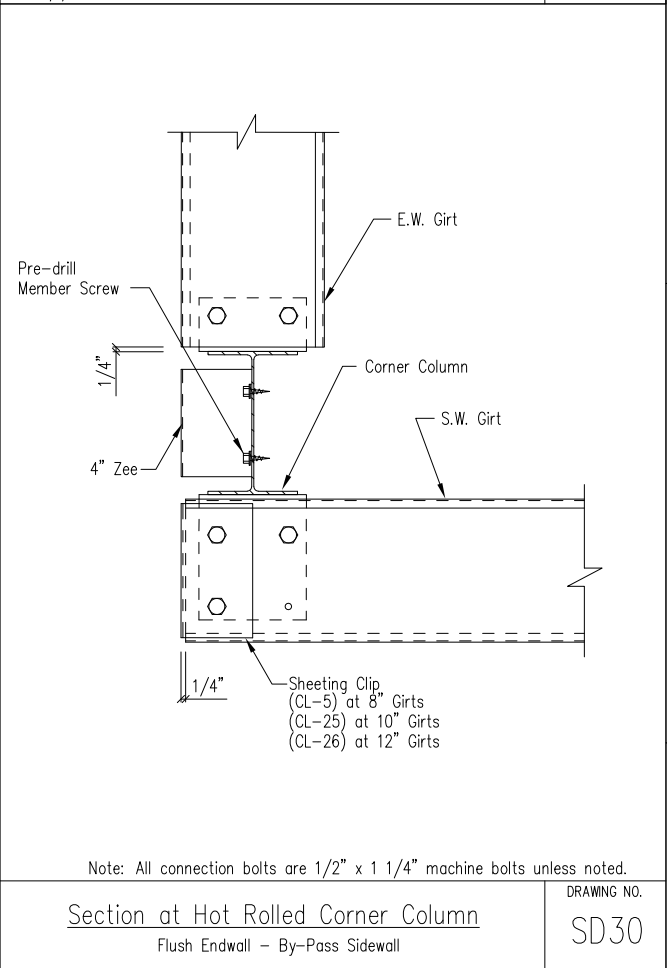
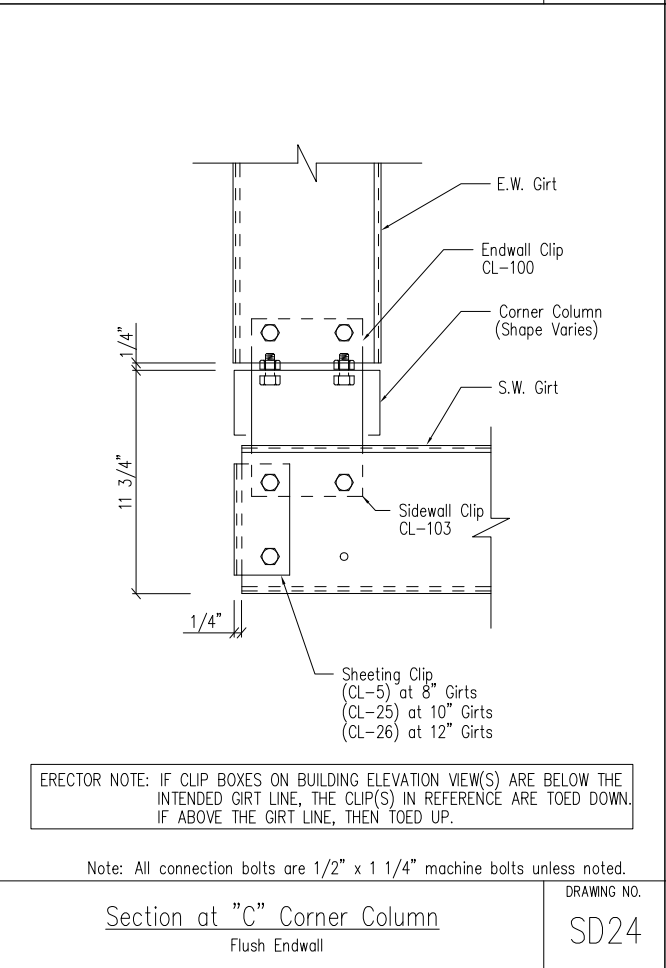
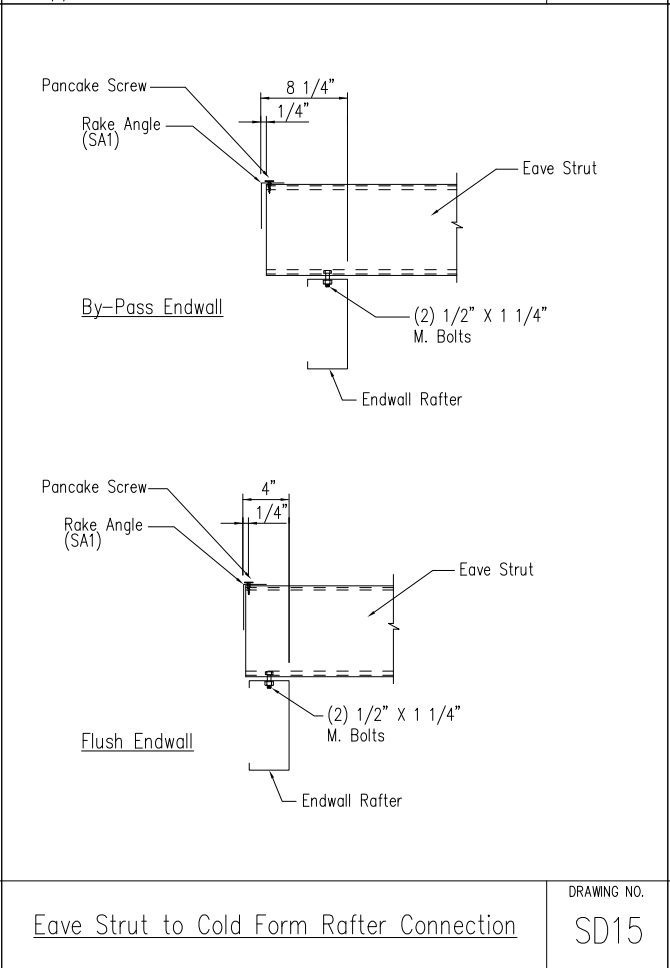
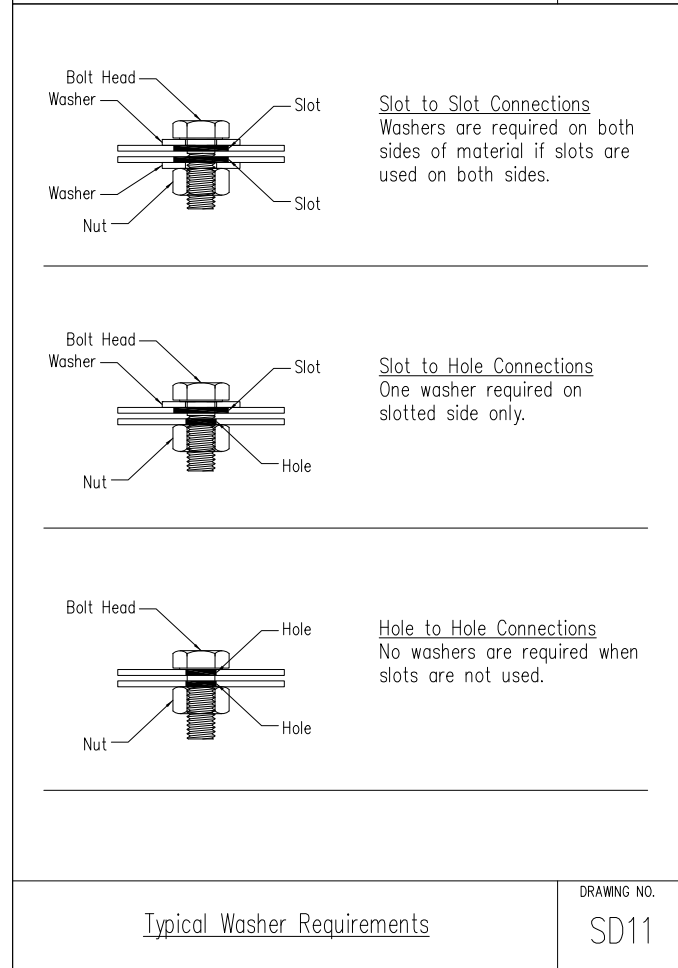
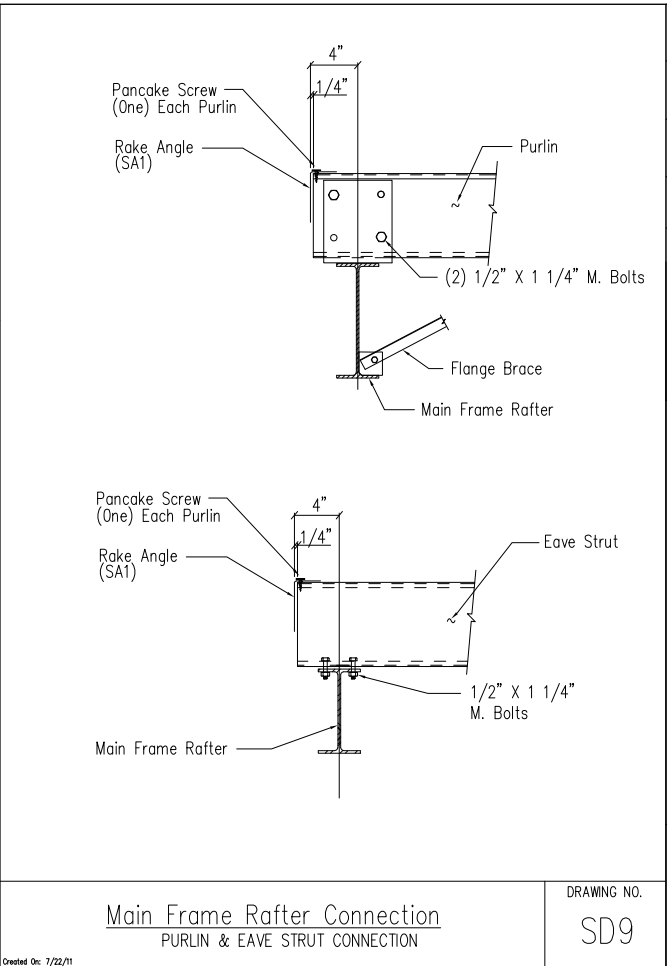
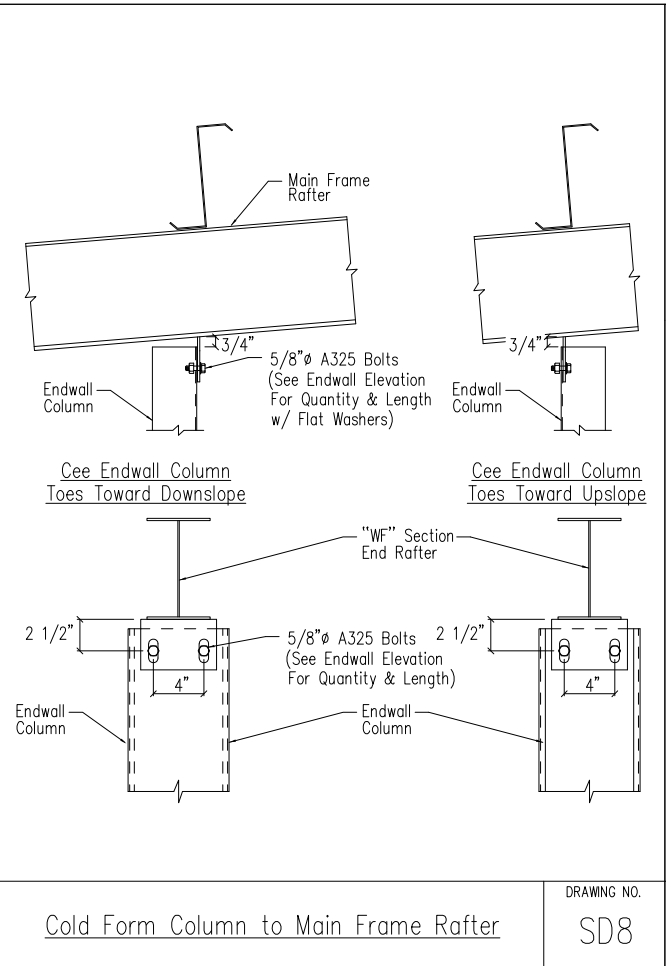
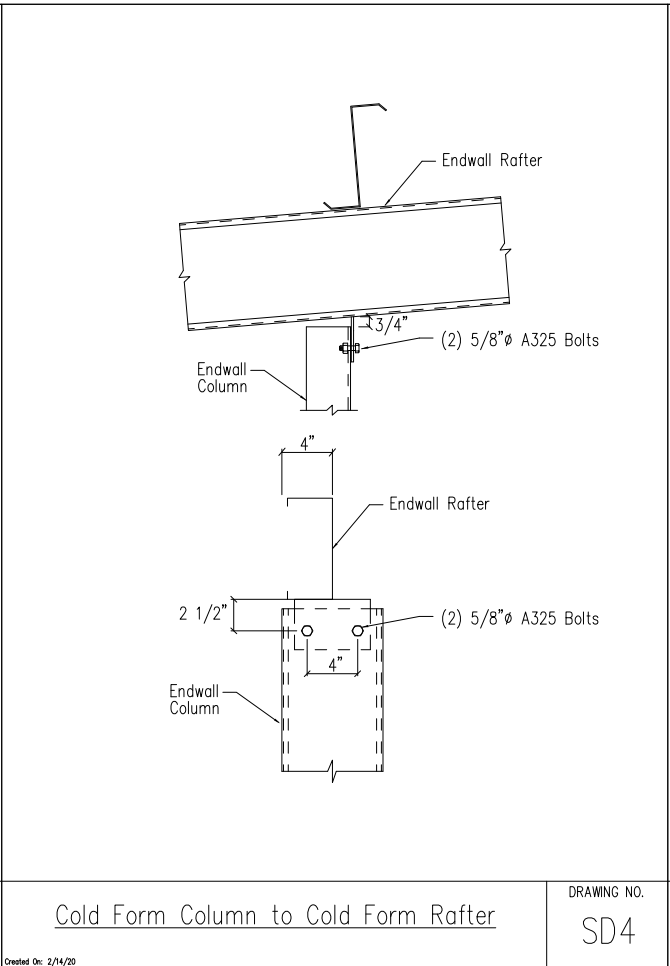
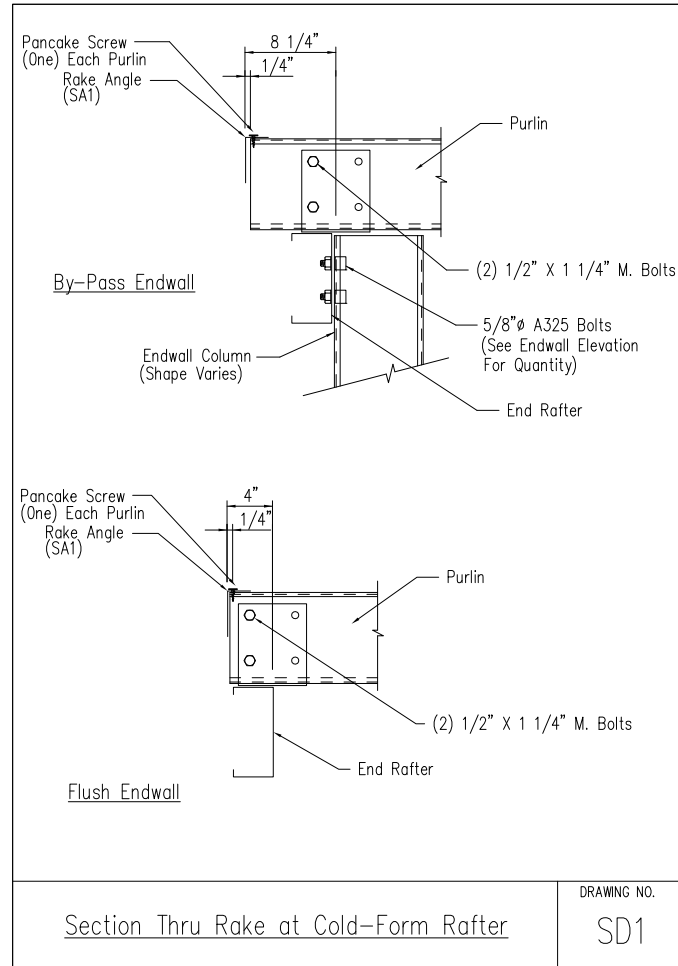


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PANELS: 26 GA. PBR - BURNISHED SLATE

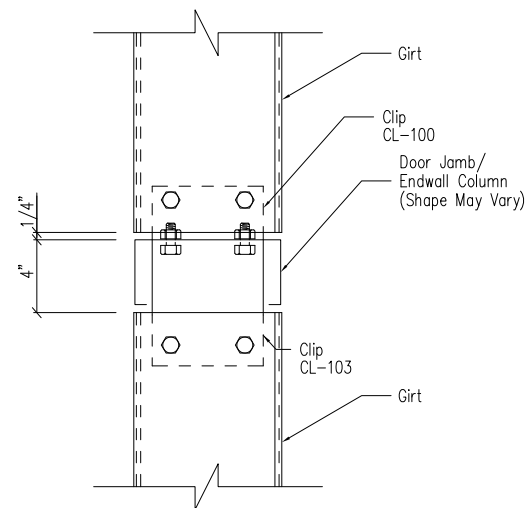
FLANGE BRACE TABLE		
FRAME LINE 4		
▽ID	QUAN	MARK
1	4	FB29.5

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PROJECT LOCATION:			PERMIT/ERECTION	05/07/76	JMM	JMM	DAR
PROJECT COUNTY:							
PROJECT END USE:							
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CUSTOMER EMAIL:							
SCALE: N.T.S.							
SHEET NUMBER:		13 OF 18					
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SHEET TITLE:		DETAIL DRAWINGS					

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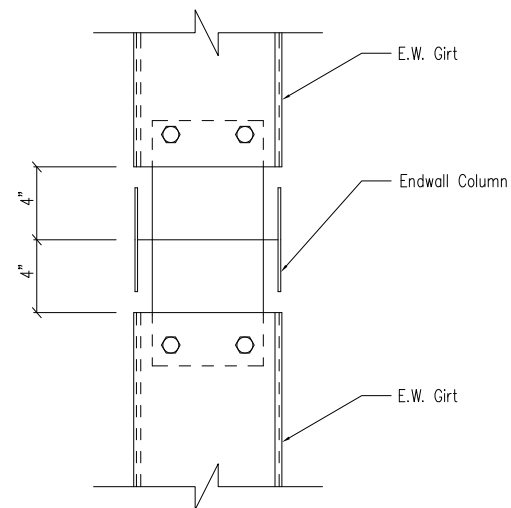


ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP.

Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

Girt to "C" Door Jamb/Endwall Column Connection

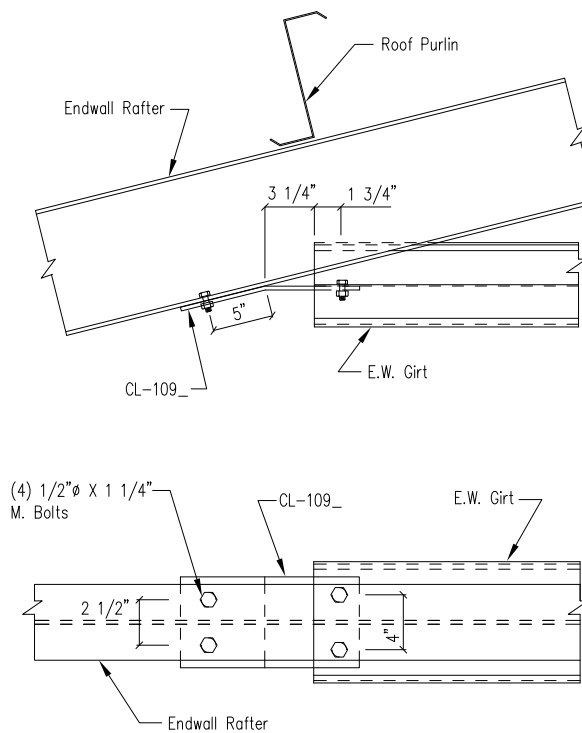
DRAWING NO.
SD43



Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

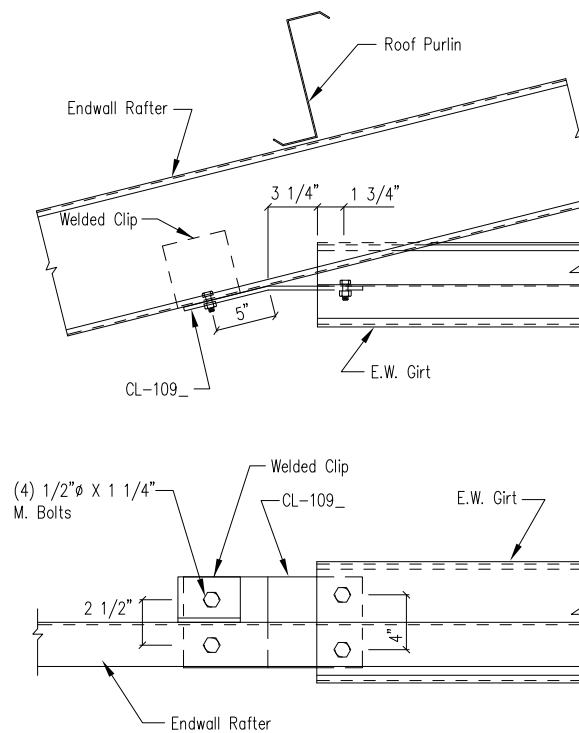
Girt to Hot Rolled Endwall Column Connection

DRAWING NO.
SD44



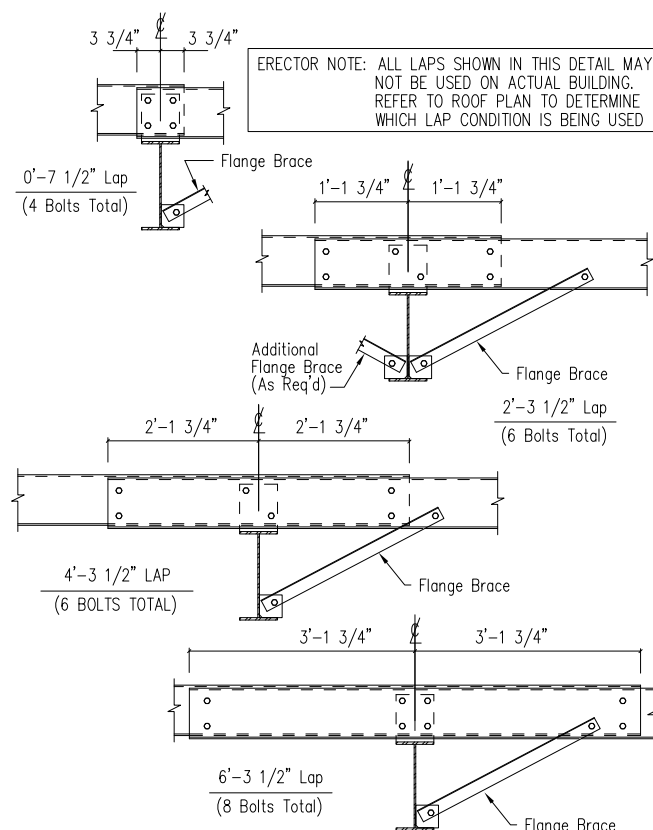
Endwall Girt to Hot Rolled Rafter

DRAWING NO.
SD45



Endwall Girt to Cold Form Rafter

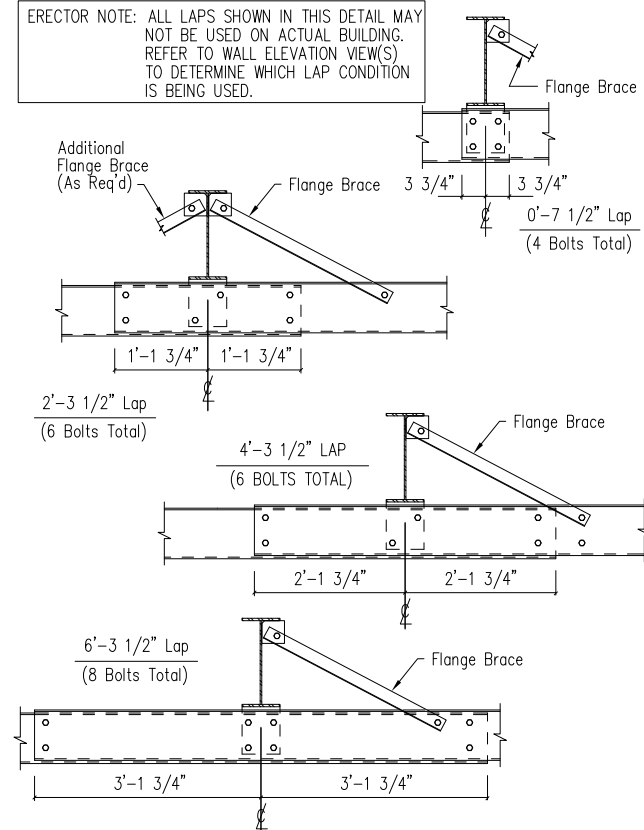
DRAWING NO.
SD48



Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

Interior Bay Purlin Framing

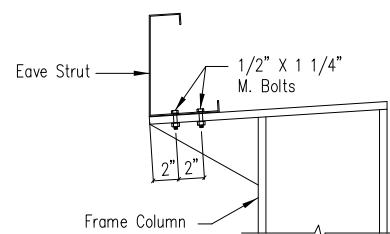
DRAWING NO.
SD50



Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

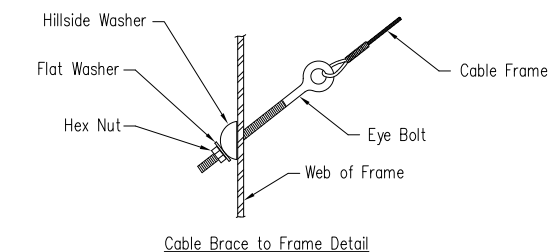
Interior Bay Girt Framing

DRAWING NO.
SD51

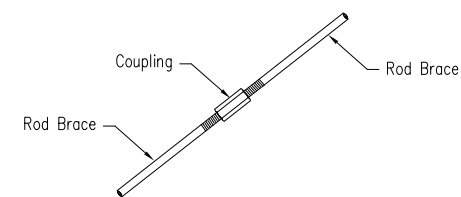


Eave Strut at Interior Column
By-Pass Sidewall

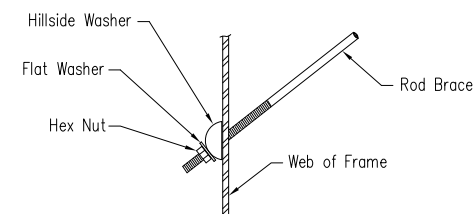
DRAWING NO.
SD59



Rod Brace with Coupling Detail

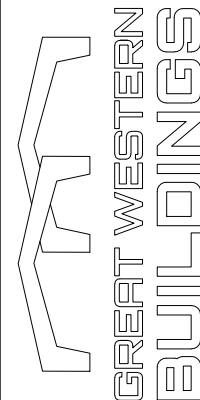


Rod Brace to Frame Detail



Cable or Rod Brace to Frame Connection

DRAWING NO.
SD66

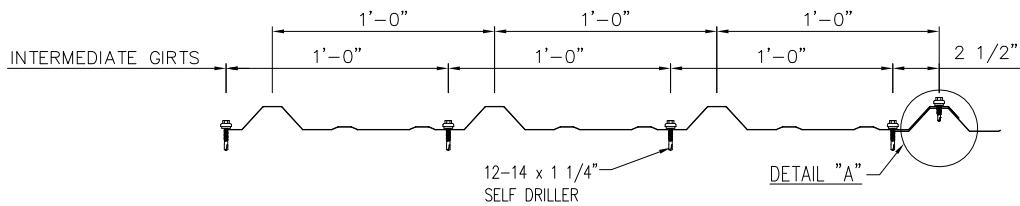
[illegible]

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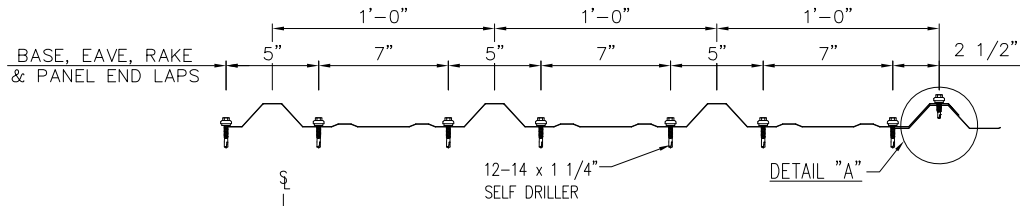
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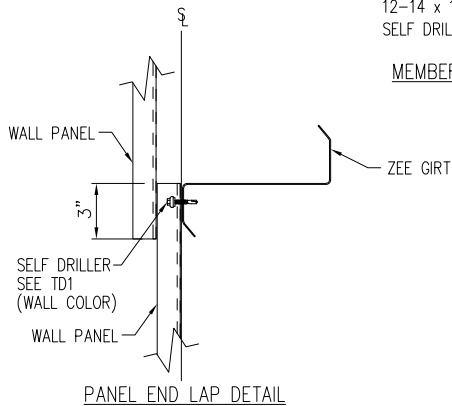
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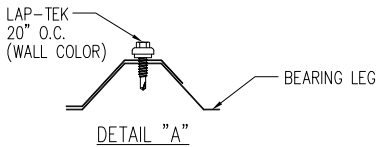
MEMBER SCREW SPACING



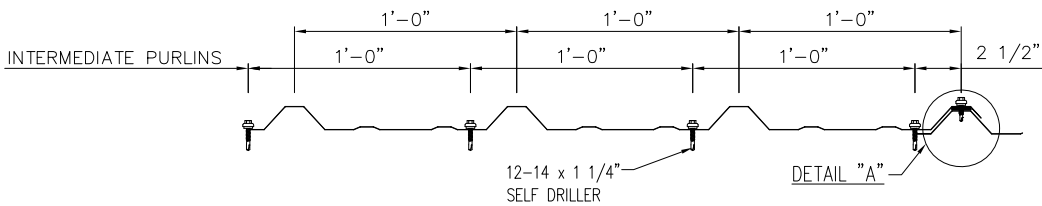
MEMBER SCREW SPACING



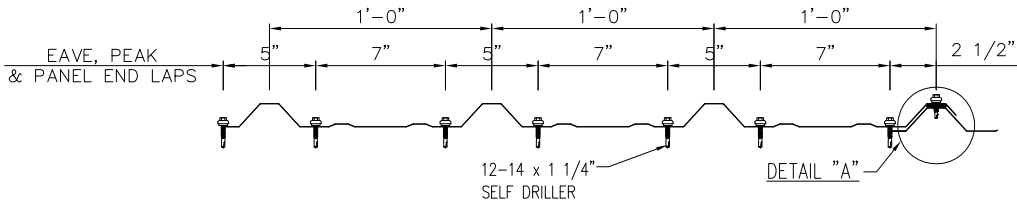
PANEL END LAP DETAIL



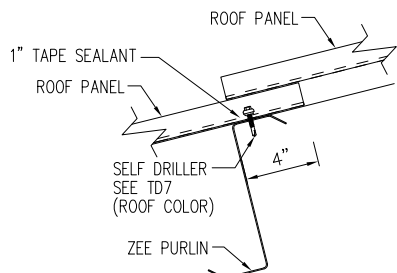
DETAIL "A"



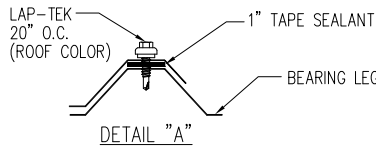
MEMBER SCREW SPACING



MEMBER SCREW SPACING



PANEL END LAP DETAIL



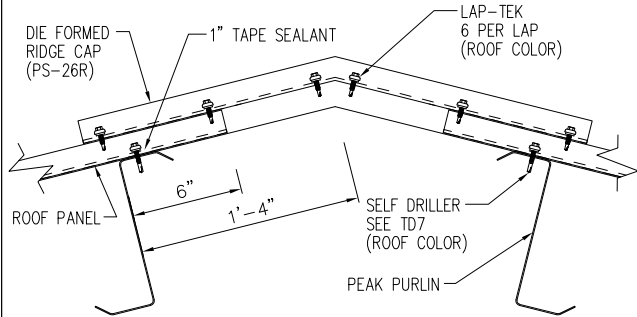
DETAIL "A"

Fastener Location at Wall – PBR

DRAWING NO.
TD1

Fastener Location at Roof – PBR

DRAWING NO.
TD7

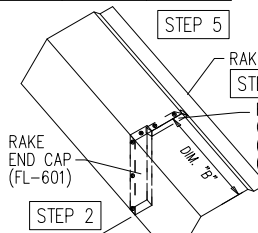


Die Formed Ridge Detail – PBR

Up to a 4:12 Roof Slope

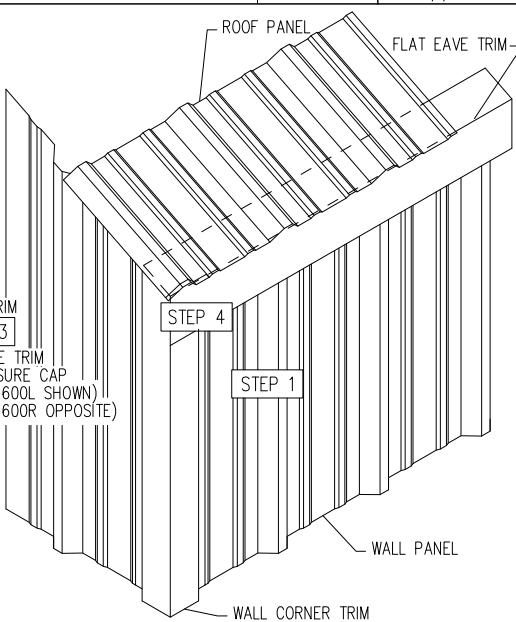
DRAWING NO.
TD8

Slope	Dim. "A"	Dim. "B"
1 : 12	3/16"	3/4"
2 : 12	3/8"	1 1/2"
3 : 12	9/16"	2 1/4"
4 : 12	3/4"	3"
5 : 12	15/16"	3 3/4"
6 : 12	1 1/8"	4 1/2"
7 : 12	1 5/16"	5 1/4"
8 : 12	1 1/2"	6"
9 : 12	1 11/16"	6 3/4"
10 : 12	1 7/8"	7 1/2"
11 : 12	2 1/16"	8 1/4"
12 : 12	2 1/4"	9"

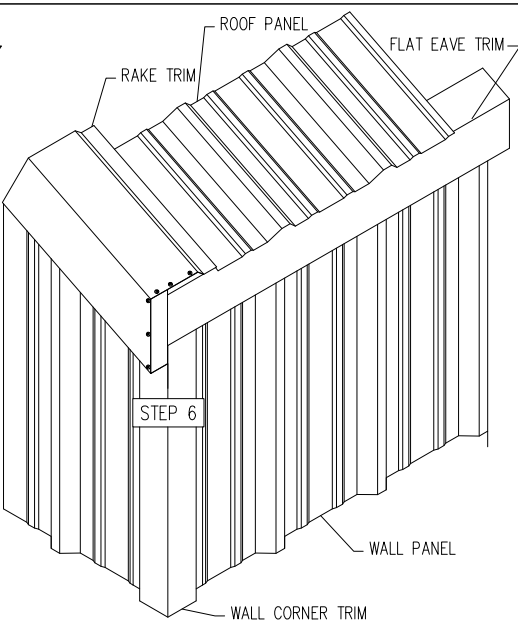


- STEP 1** INSTALL FLAT EAVE TRIM IN BETWEEN THE ROOF PANEL AND LOW EAVE MEMBER. BE SURE THE END OF THE FLAT EAVE TRIM IS FLUSH WITH THE WALL CORNER TRIM.
- STEP 2** INSTALL RAKE END CAP (FL-601), INTO RAKE TRIM USING (5) POP RIVETS. USE CHART TO DETERMINE HOW FAR THE RAKE END CAP IS POSITIONED INTO THE RAKE TRIM. WITH DIM. "A" BEING THE BOTTOM FACE OF THE RAKE TRIM & DIM. "B" BEING THE TOP FACE OF THE RAKE TRIM.
- STEP 3** INSTALL RAKE TRIM CLOSURE CAP (FL-600L/R), FLUSH WITH THE RAKE END CAP USING (3) POP RIVETS.

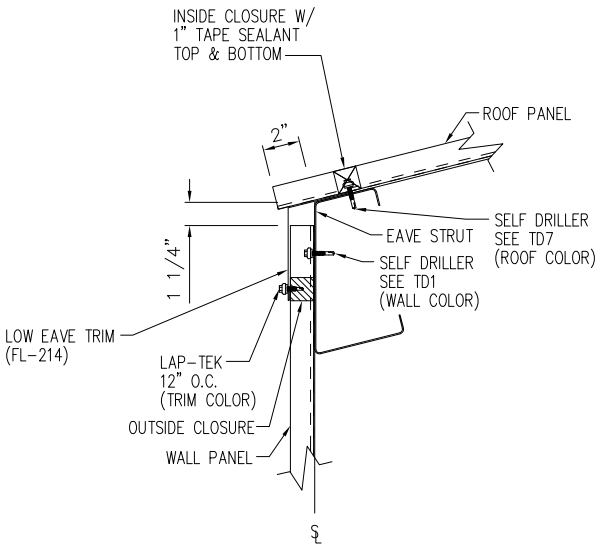
Flat Eave Corner Trim Installation – PBR



- STEP 4** FIELD CUT/NOTCH THE END OF THE ROOF PANEL BACK 1". THIS IS TO ALLOW THE RAKE TRIM CLOSURE CAP FROM HITTING THE ROOF PANEL.
- STEP 5** INSTALL RAKE TRIM. BE SURE THE BOTTOM END OF THE RAKE TRIM, THAT ATTACHES TO THE HIGH RIBS OF THE WALL PANEL, IS FLUSH WITH THE WALL CORNER TRIM.
- STEP 6** FIELD CUT/NOTCH THE FACE OF THE RAKE TRIM TO BE FLUSH WITH THE WALL CORNER TRIM. BE SURE WHEN CUTTING/NOTCHING THE TOP OF THE RAKE TRIM, THAT SITS ON TOP OF THE ROOF PANEL, SHOULD BE LINED UP WITH THE END OF THE ROOF PANEL.



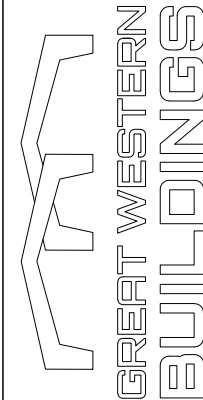
DRAWING NO.
TD12



Low Eave Detail – PBR

Simple Eave – Sheeted Wall

DRAWING NO.
TD17



1101 3RD AVE
GRAND JUNCTION, CO 81501
PHONE: (800)-497-2135
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:
PROJECT LOCATION:
PROJECT COUNTY:
PROJECT END USE:
CUSTOMER PHONE NUMBER:
CUSTOMER EMAIL:
SCALE: N.T.S.

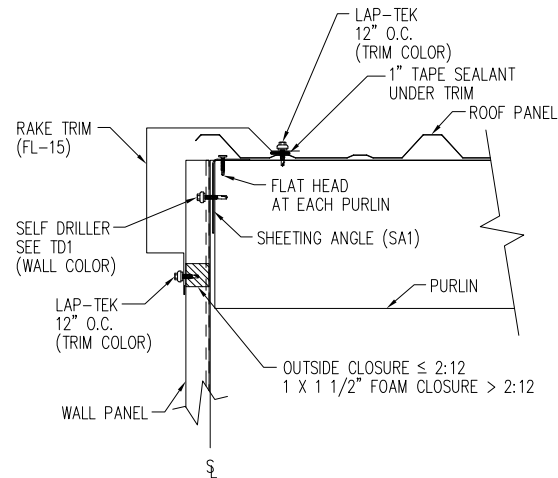
17 OF 18

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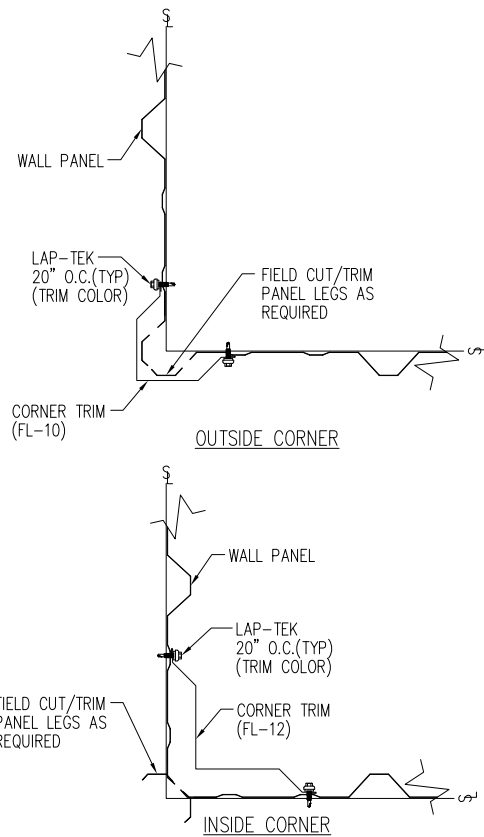
DETAIL DRAWINGS

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS.

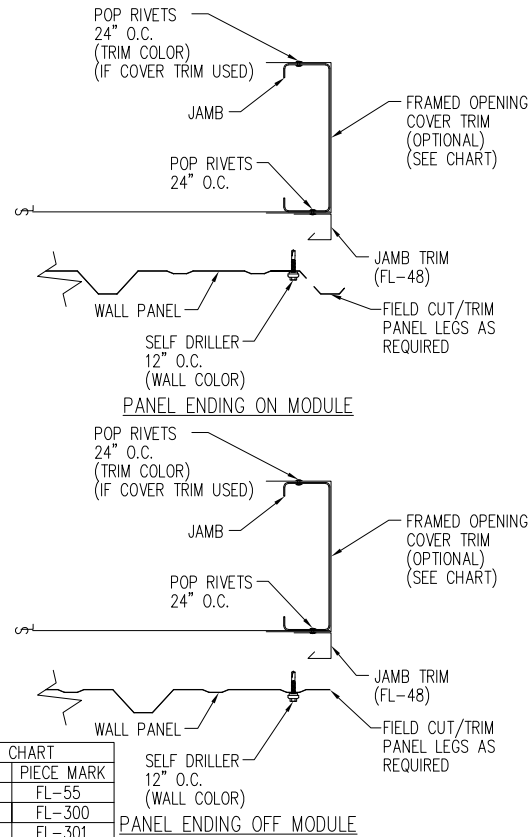
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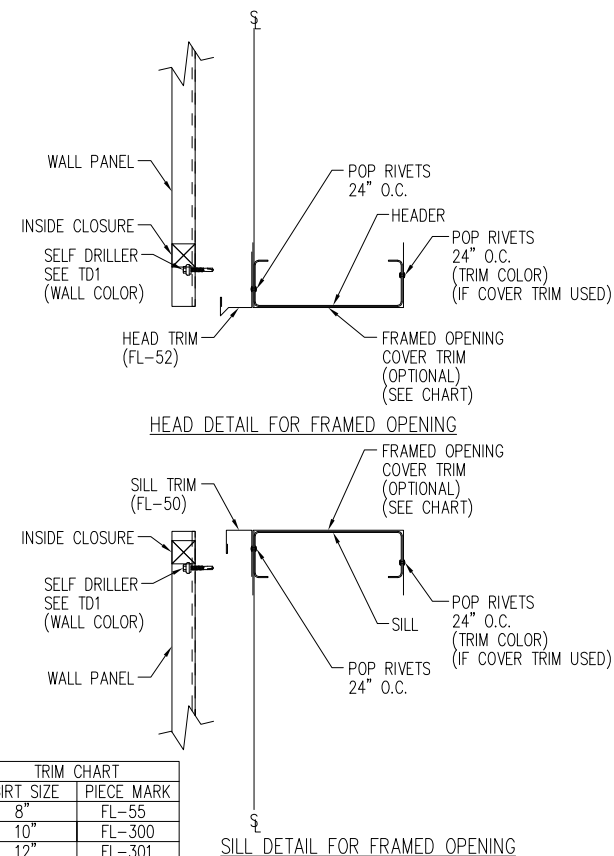
Rake Detail – PBR
Box Rake – Sheeted Wall



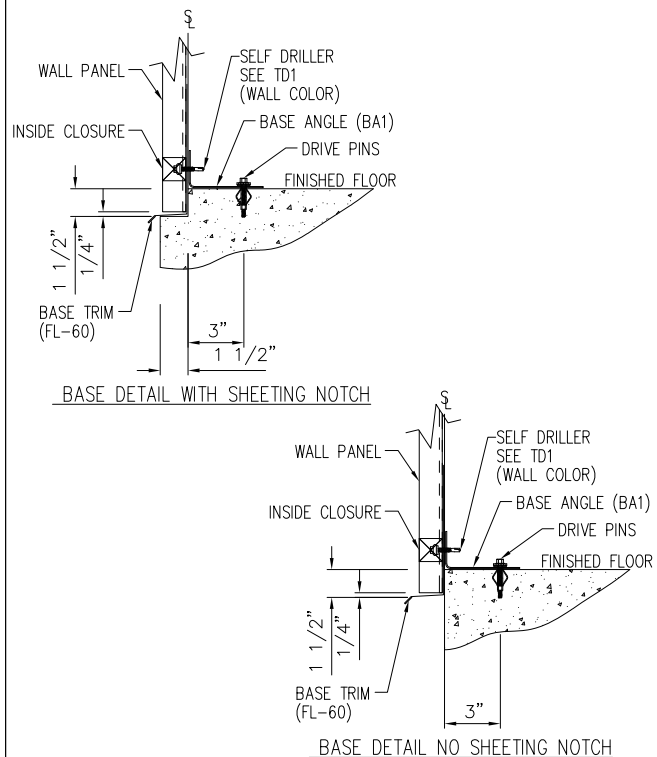
Section at Corner Detail – PBR



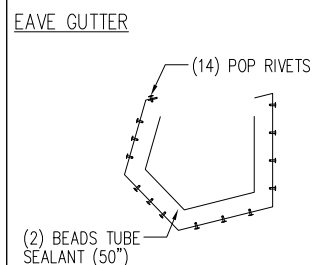
Framed Opening Jamb Detail – PBR



Framed Opening Head and Sill Details – PBR



Base Angle w/Trim Details



Trim Laps – PBR Sculptured

