

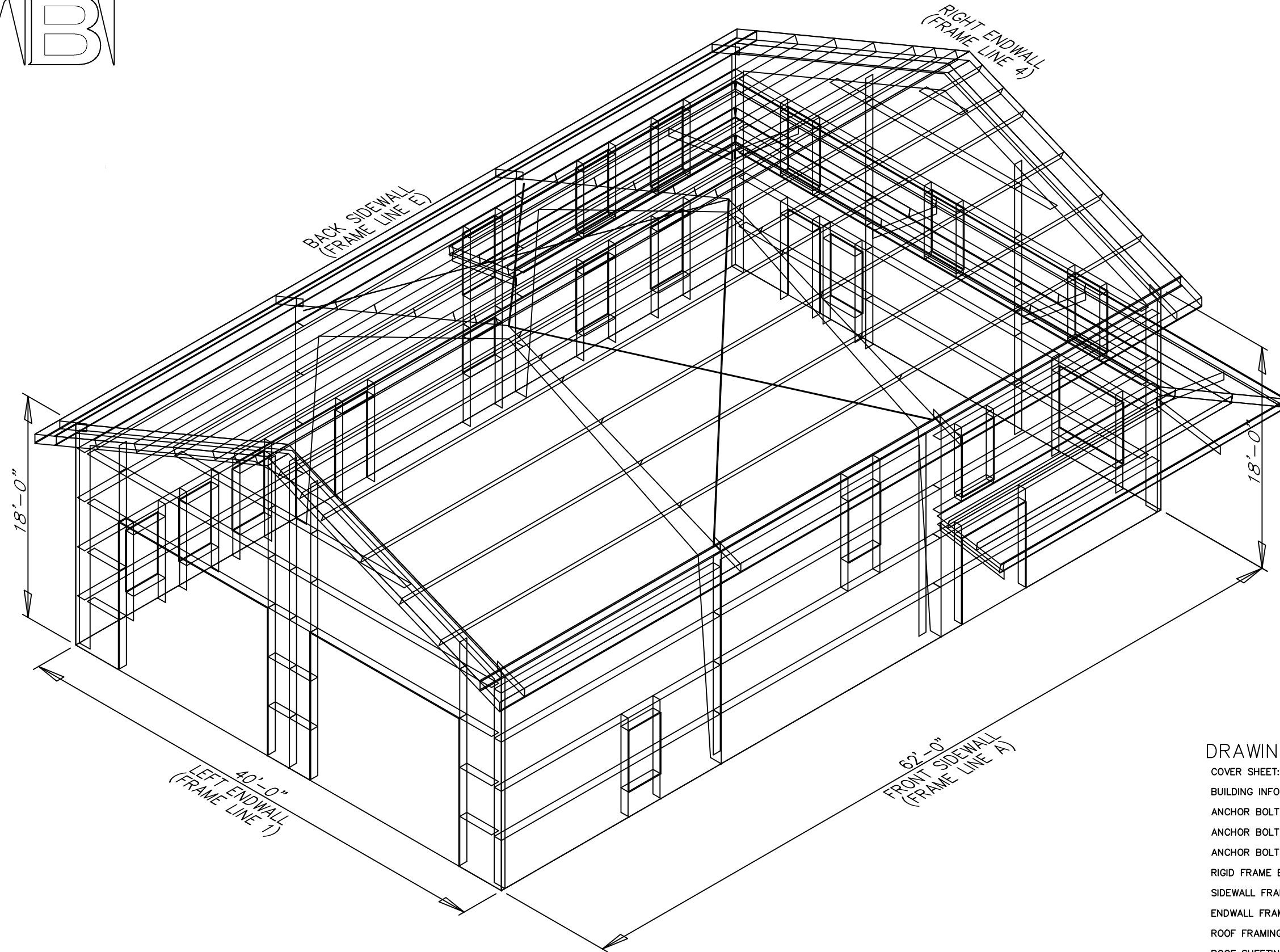
JOB NUMBER: 94475

PROJECT NAME:

PROJECT LOCATION:

PROJECT LOCATION:

PROJECT COUNTY:



DRAWING INDEX

COVER SHEET:	1
BUILDING INFO COVERSHEET:	2
ANCHOR BOLT PLAN:	3
ANCHOR BOLT DETAILS:	4
ANCHOR BOLT REACTIONS:	5
RIGID FRAME ELEVATION(S):	6, 7, 8, 9
SIDEWALL FRAMING & SHEETING:	10, 11
ENDWALL FRAMING & SHEETING:	12, 13
ROOF FRAMING PLAN:	14
ROOF SHEETING PLAN:	15
DETAIL DRAWINGS:	16, 17, 18, 19, 20, 21

GENERAL NOTES

- 1.1 FABRICATION SHALL BE IN ACCORDANCE WITH METAL BUILDING SUPPLIER, STANDARD PRACTICES IN COMPLIANCE WITH THE APPLICABLE SECTIONS... 1.2 MATERIALS: HOT ROLLED STEEL SHAPES (W, & C) A572, STAINLESS STEEL ANGLES (L) A36, STEEL PIPES A500... 1.3 PRIMER: SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER WHICH MEETS THE END PERFORMANCE OF FEDERAL SPECIFICATION SSPC NO. 15... 1.4 GALVANIZED OR SPECIAL COATINGS: SEE CONTRACT DOCUMENTS... 1.5 ALL BOLTS ARE 1/2"x 0'-1 1/4" A307 EXCEPT: A) ENDWALL RAFTER SPlice... 1.6 A325 BOLT TIGHTENING REQUIREMENTS: ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE... 1.7 CLOSURE STRIPS ARE FURNISHED (IF ORDERED) FOR APPLICATION: INSIDE- UNDER ROOF PANELS & BASE OF WALL PANELS... 1.8 ERECTION NOTE: ALL BRACING, STRAPPING, & BRIDGING SHOWN AND PROVIDED BY M.B.S. FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE... 1.9 ERECTION AND UNLOADING NOT BY G.W.B. 1.10 SHORTAGES: ANY CLAIMS OR SHORTAGES BY BUYER MUST BE MADE TO M.B.S. WITHIN FIVE (5) WORKING DAYS AFTER DELIVERY... 1.11 CORRECTIONS OF ERRORS AND REPAIRS (MBMA 6.10): CLAIMS FOR CORRECTION OF ALLEGED MISFITS WILL BE DISALLOWED UNLESS M.B.S. SHALL HAVE RECEIVED PRIOR NOTICE THEREOF AND ALLOWED REASONABLE INSPECTION OF SUCH MISFITS...

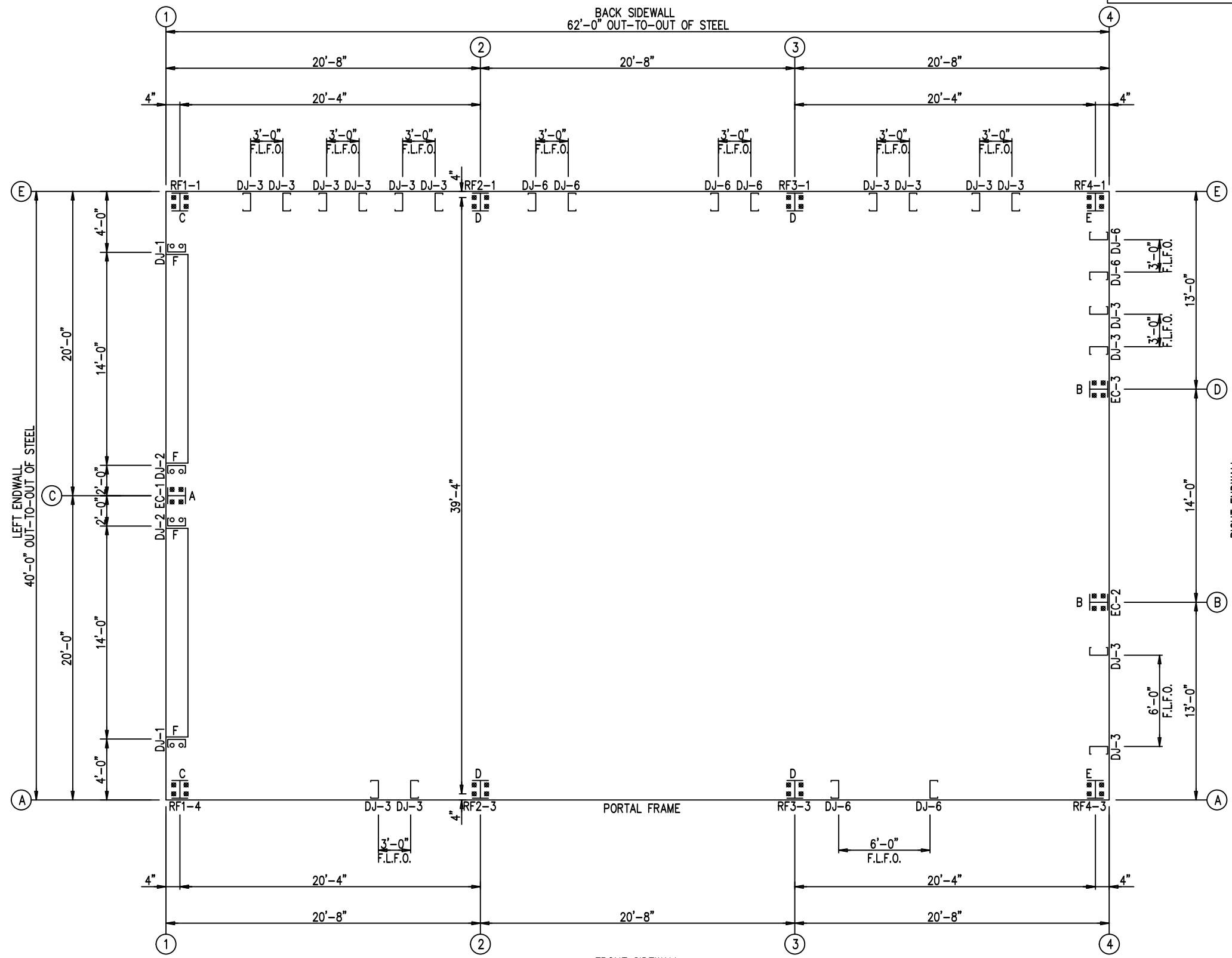
- 2.6 THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR OVERALL PROJECT COORDINATION. ALL INTERFACE, COMPATIBILITY, AND DESIGN CONSIDERATIONS CONCERNING ANY MATERIALS NOT FURNISHED BY M.B.S. AND M.B.S. STEEL SYSTEM ARE TO BE CONSIDERED AND COORDINATED BY THE BUYER/END USE CUSTOMER... 2.7 IT IS THE RESPONSIBILITY OF THE BUYER/END USE CUSTOMER TO INSURE THAT M.B.S. PLANS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES... 2.8 THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL IN ACCORDANCE WITH M.B.S. "FOR ERECTION" DRAWINGS ONLY... 2.9 METAL BUILDING SUPPLIER IS RESPONSIBLE FOR THE DESIGN OF THE ANCHOR BOLTS TO PERMIT THE TRANSFER OF FORCES BETWEEN THE BASE PLATE AND THE ANCHOR BOLT IN SHEAR... 2.10 NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTIONS OF MINOR MISFITS BY MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING OR CUTTING... 2.11 NEITHER THE FABRICATOR NOR THE BUYER/END USE CUSTOMER WILL CUT, DRILL OR OTHERWISE ALTER HIS WORK, OR THE WORK OF OTHER TRADES, TO ACCOMMODATE OTHER TRADES... 2.12 WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER... 2.13 SAFETY COMMITMENT: METAL BUILDING SUPPLIER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED... 2.14 ROOF DRAINAGE SYSTEMS (GUTTER, DOWNSPOUTS, ETC.) MUST BE FREE OF ANY OBSTRUCTION TO ENSURE SMOOTH OPERATION AT ANY GIVEN TIME... 2.15 IT IS RECOMMENDED BY FACTORY MUTAL (REFERENCE B2.44) THAT ROOFS BE CLEARED OF SNOW WHEN HALF OF THE MAXIMUM SNOW DEPTH IS REACHED...

Table with 3 columns: ROOF SNOW LOAD (IN PSF), EQUIVALENT SNOW HEIGHT AT ROOF (IN INCHES), RECOMMENDED SNOW REMOVAL SHOULD START WHEN SNOW REMOVAL SHOULD START (IN INCHES). Rows include values for 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80.

BUILDING LOADS
THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING AS INDICATED:
DESIGN LOADS:
DESIGN CODE / WIND CODE : IBC-21
OCCUPANCY / RISK CATEGORY : II - Normal
ENCLOSURE : Enclosed
ROOF DEAD LOAD (D) (PSF) : 2.00
ROOF COLLATERAL LOAD (C) (PSF) : 6.00
WIND LOAD : ULTIMATE WIND SPEED, (VULT) (MPH) : 115.0
WIND EXPOSURE CATEGORY : C
INTERNAL PRESSURE COEFFICIENT, (GCpi) : 0.18/-0.18
WALL PANEL DESIGN WIND PRESSURE (PSF) : 23.82/-25.84
WIND ENCLOSURE CLASSIFICATION : Enclosed
LIVE LOAD : PRIMARY FRAMING (PSF) : 20.00
TRIB. AREA REDUCTION : No
SECONDARY FRAMING (PSF) : 20.00
SNOW LOAD : GROUND SNOW LOAD, (Pg) (PSF) : 25.0
ROOF SNOW LOAD, (Pf) (PSF) : 25.0
SNOW EXPOSURE FACTOR, (Ce) : 1.00
SNOW IMPORTANCE FACTOR, (Is) : 1.00
THERMAL FACTOR, (Ct) : 1.00
SEISMIC LOAD : SEISMIC IMPORTANCE FACTOR, (Ie) : 1.00
SITE CLASSIFICATION : D
SPECTRAL RESPONSE ACCELERATION : Ss = 0.270 :S1 = 0.082
SPECTRAL RESPONSE COEFFICIENTS : Sds = 0.285 :Sd1 = 0.131
SEISMIC DESIGN CATEGORY : B
BASIC SEISMIC FORCE RESISTING SYSTEM : STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR RESISTANCE
RIGID FRAMES (OMF) : BRACED FRAMES (OCBF/OMF)
LONGITUDINAL = 5.33
TRANSVERSE = 4.76
RIGID FRAMES = 3.00
SW WIND BENT = 3.00
RIGID FRAMES = 0.0951
SW WIND BENT = 0.0951
ANALYSIS PROCEDURE USED : EQUIVALENT LATERAL FORCE PROCEDURE
OTHER LOADS/REQUIREMENTS
GWB logo and address: 3033 S. PARKER RD 12 FLOOR AURORA, CO 80014 PHONE: (800)-497-2135 WWW.GREATWESTERNBUILDINGS.COM
2 OF 21 94475
BUILDING INFO COVERSHEET

BUILDING DESCRIPTION:
WIDTH (FT) : 40.0
LENGTH (FT) : 62.0
EAVE HEIGHT AT BSW (FT) : 18.0
EAVE HEIGHT AT FSW (FT) : 18.0
ROOF SLOPE AT BSW : 5.0:12
ROOF SLOPE AT FSW : 5.0:12
BAY SPACING (FT) : 3 AT 20.67
COVERING AND TRIMS:
ROOF PANELS & TRIMS
PANEL TYPE : 26 GA. PBR
PANEL COLOR : CHARCOAL GRAY
TRIM COLORS : GABLE/EAVE : CHARCOAL GRAY, EAVE GUTTER : CHARCOAL GRAY
WALL PANELS & TRIMS
PANEL TYPE : 26 GA. PBR
PANEL COLOR : COAL BLACK
TRIM COLORS : CORNER : CHARCOAL GRAY, FRAMED OPENING : CHARCOAL GRAY, DOWNSPOUTS : COAL BLACK, BASE : COAL BLACK
SOFFIT PANELS & TRIMS
PANEL TYPE : 26 GA. PBR
PANEL COLOR : COAL BLACK
TRIM COLORS : COAL BLACK

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

ANCHOR BOLT SUMMARY

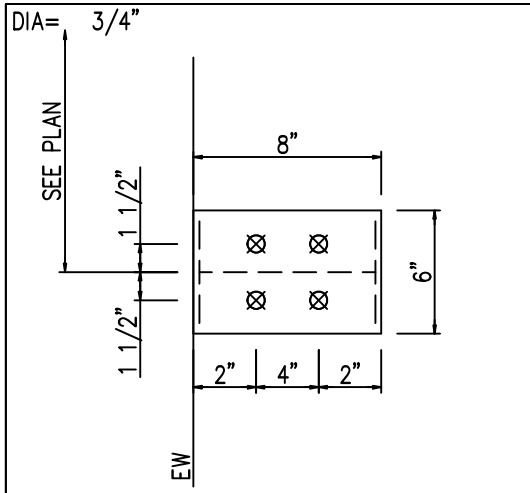
QTY	LOCATE	DIA (in)	TYPE
8	JAMB	5/8"	A307
12	ENDWALL	3/4"	A307
32	FRAME	3/4"	A307

DATE	DWN.	CHK.	ENG.
10/17/23	MEZ	MEZ	RTS
10/17/23	AA	CAF	RTS
10/20/23	JMM	JMM	RTS

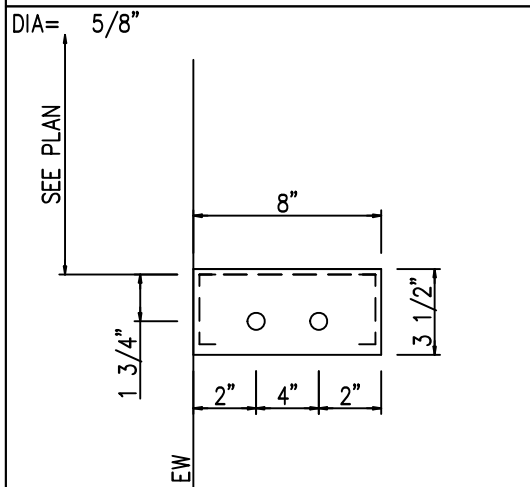
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PROJECT LOCATION:	
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PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	3 OF 21
JOB NUMBER:	94475
SHEET TITLE:	ANCHOR BOLT PLAN

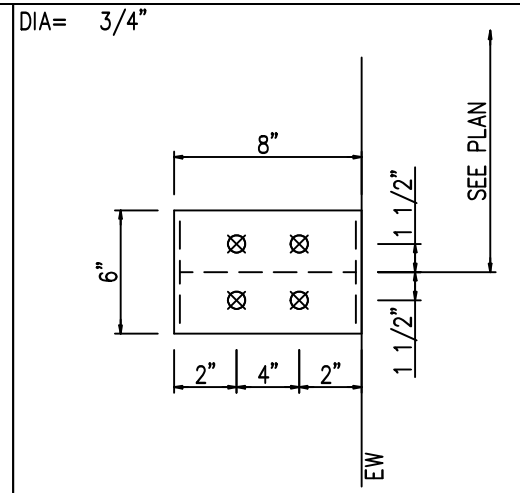
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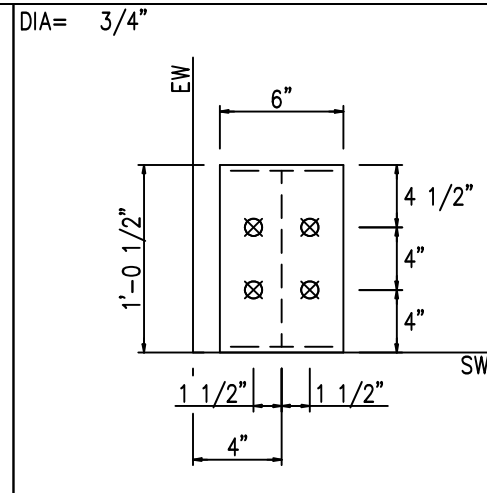
DETAIL A



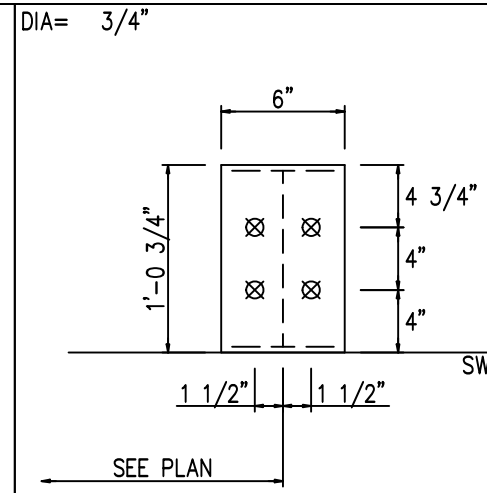
DETAIL F



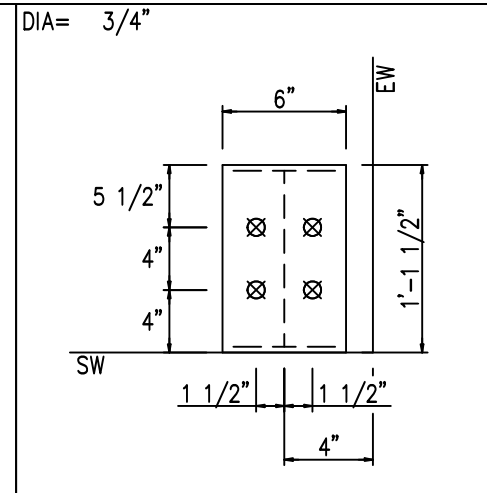
DETAIL B



DETAIL C



DETAIL D



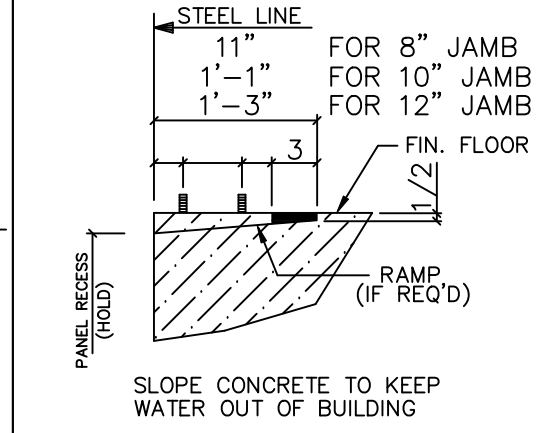
DETAIL E

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

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/10/23	MEZ	MEZ	RTS
PERMIT	10/10/23	AA	CAF	RTS
ERECTION	10/20/23	JMM	JMM	RTS



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SCALE:	N.T.S.
SHEET NUMBER:	4 OF 21
JOB NUMBER:	94475
SHEET TITLE:	ANCHOR BOLT DETAILS

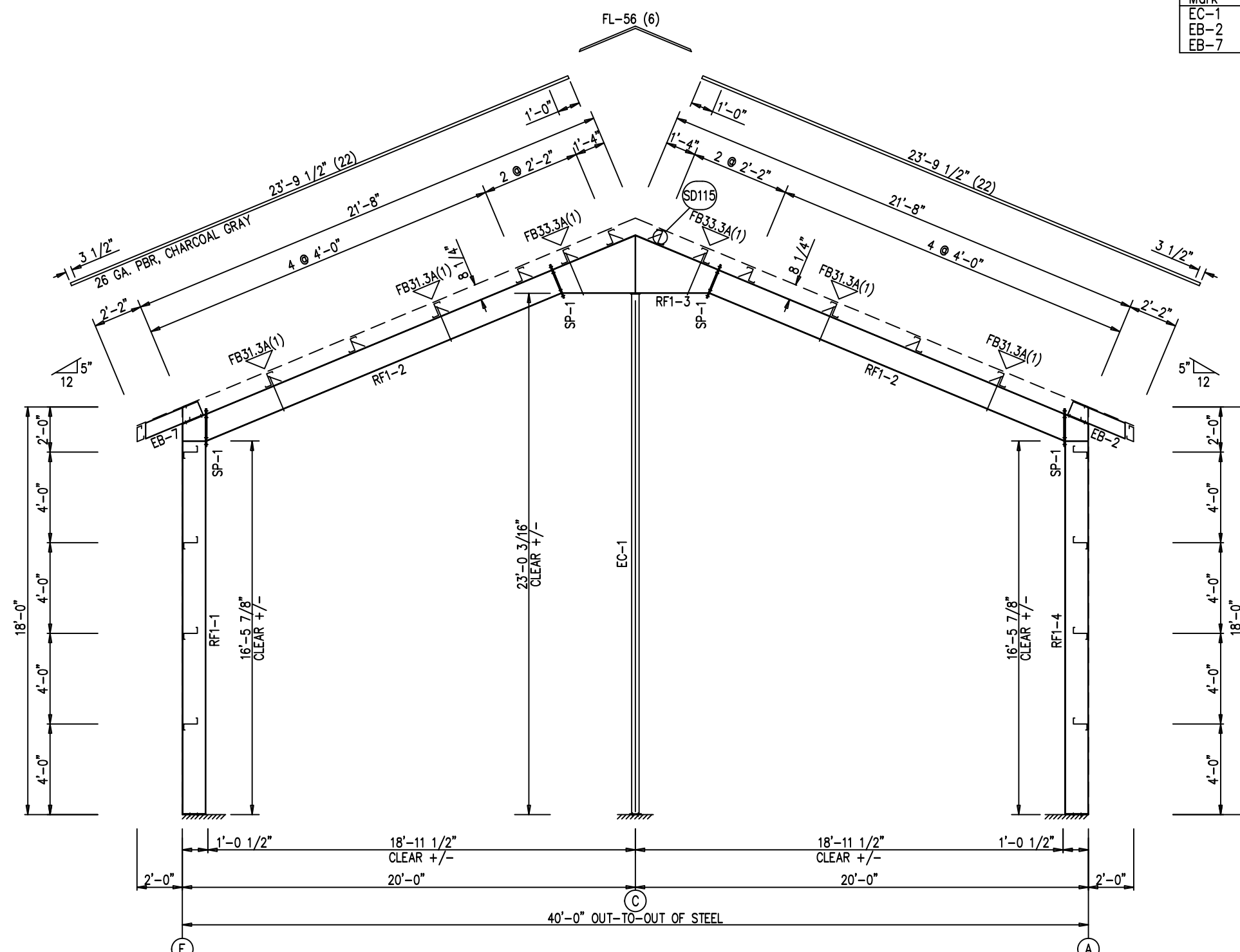
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SPLICE BOLT TABLE						CAP PLATE BOLTS					
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	A325	5/8"	1 3/4"	EC-1	4	A325	5/8"	1 1/2"

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start	End	Thick	Length	W x Thk	x Length	W x Thk	x Length
RF1-1	12.0	12.0	0.135	17'-7 1/2"	5 x 1/4"	x 17'-2 7/16"	5 x 1/4"	x 16'-2 5/8"
RF1-2	13.0	13.0	0.135	16'-11 5/16"	5 x 1/4"	x 16'-5 3/4"	5 x 1/4"	x 16'-11 5/16"
RF1-3	13.2	30.3	0.135	7'-3 5/16"	5 x 1/4"	x 3'-11 5/16"	5 x 1/4"	x 6'-5"
RF1-4	12.0	12.0	0.135	17'-7 1/2"	5 x 1/4"	x 17'-2 7/16"	5 x 1/4"	x 16'-2 5/8"

BEAM TABLE		
Mark	Part	Length
EC-1	W8X13	23'-0 3/16"
EB-2	W8X10	3'-2"
EB-7	W8X10	3'-2"

▽ FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga



RIGID FRAME ELEVATION: FRAME LINE 1

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	06/01/23	MEZ	MEZ	RTS
PERMIT	06/01/23	AA	CAF	RTS
ERECTION	10/20/23	JMM	JMM	RTS



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SCALE:	N.T.S.
SHEET NUMBER:	6 OF 21
JOB NUMBER:	94475
SHEET TITLE:	RIGID FRAME ELEVATION

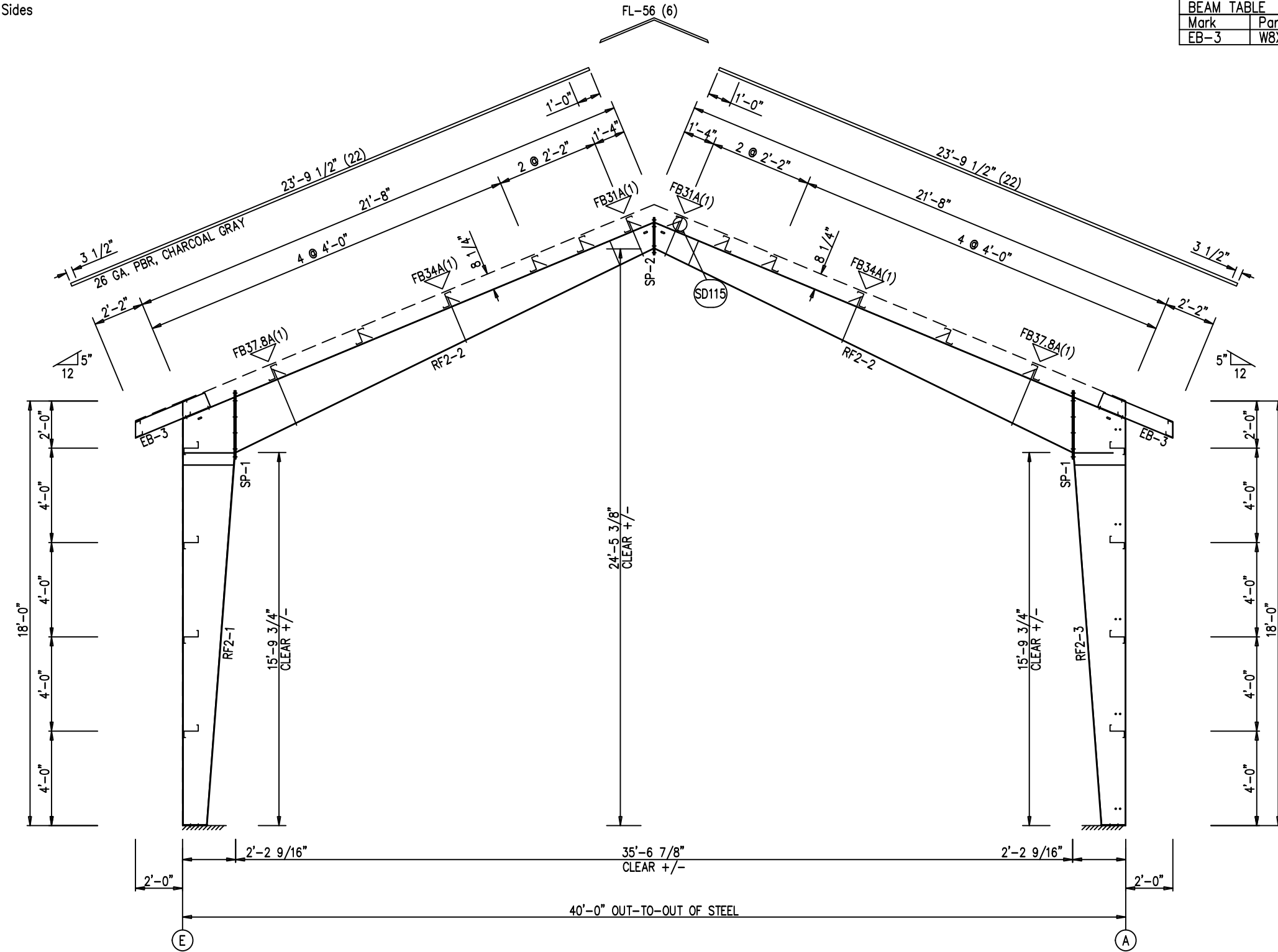
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SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	4	A325	5/8"	2"
SP-2	4	4	0	A325	5/8"	1 3/4"

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length
RF2-1	12.0/25.8	0.135	0.135	15'-3 1/16"	6 x 1/4" x 17'-2 7/16"	6 x 5/16" x 15'-6 9/16"
RF2-2	25.8/26.0	0.164	0.135	2'-10 1/4"	6 x 1/4" x 2'-4 5/16"	5 x 1/4" x 19'-8 3/16"
RF2-3	26.0/13.1	0.135	0.135	18'-0 15/16"	5 x 1/4" x 19'-2"	
	13.1/12.0	0.135	0.135	2'-0"		
RF2-3	26.0/25.8	0.164	0.135	2'-10 1/4"	6 x 1/4" x 2'-4 5/16"	6 x 5/16" x 15'-6 9/16"
	25.8/12.0	0.135	0.135	15'-3 1/16"	6 x 1/4" x 17'-2 7/16"	

BEAM TABLE		
Mark	Part	Length
EB-3	W8X10	3'-5 7/16"

▽ FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga



RIGID FRAME ELEVATION: FRAME LINE 2

DATE	DWN.	CHK.	ENG.
10/1/23	MEZ	MEZ	RTS
10/1/23	AA	CAF	RTS
10/20/23	JMM	JMM	RTS

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CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	7 OF 21
JOB NUMBER:	94475
SHEET TITLE:	RIGID FRAME ELEVATION

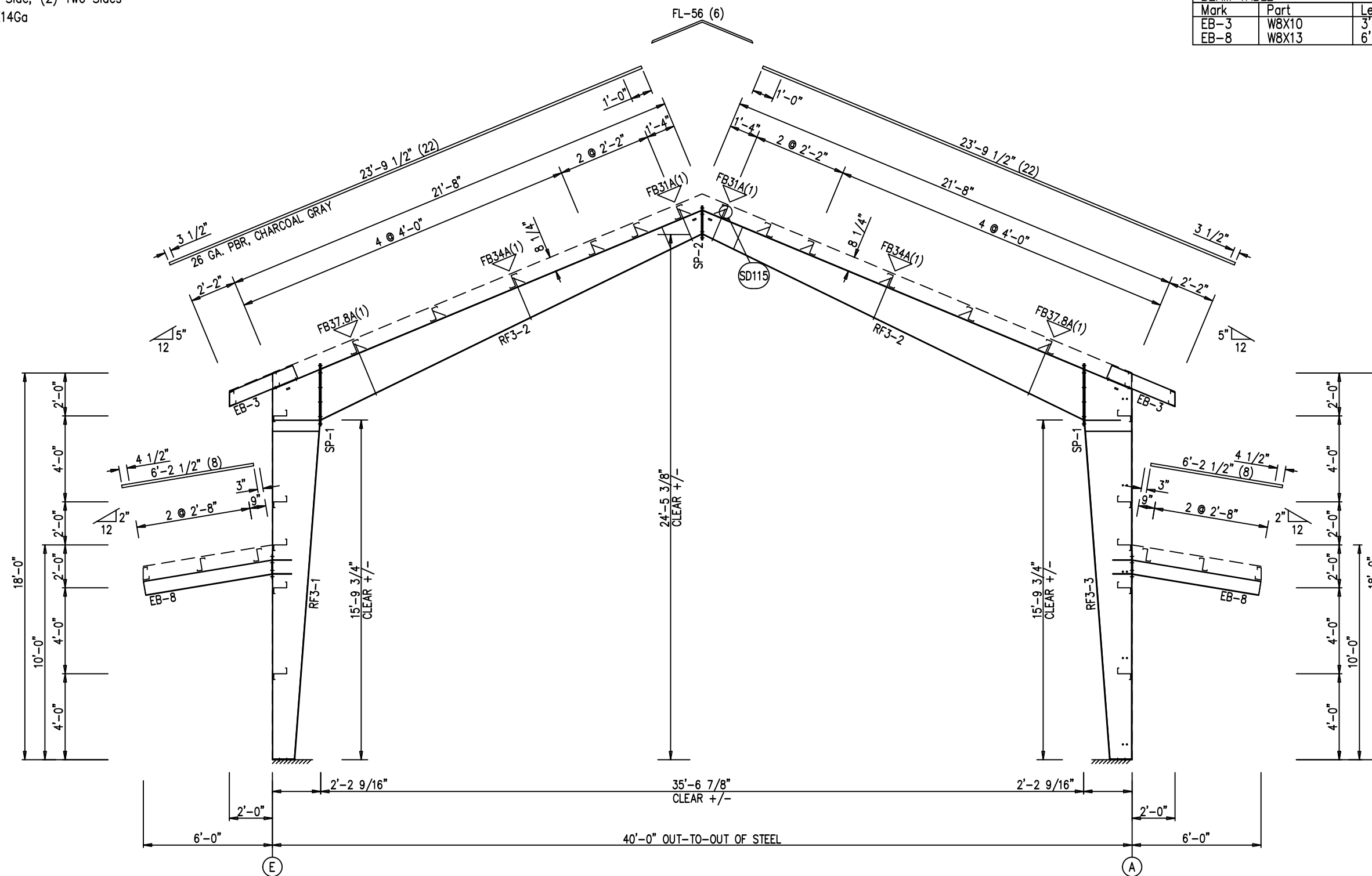
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SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	4	A325	5/8"	2"
SP-2	4	4	0	A325	5/8"	1 3/4"

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length
RF3-1	12.0/25.8	0.135	0.135	15'-3 1/16"	6 x 1/4" x 17'-2 7/16"	6 x 5/16" x 15'-6 9/16"
RF3-2	25.8/26.0	0.164	0.135	2'-10 1/4"	6 x 1/4" x 2'-4 5/16"	5 x 1/4" x 19'-8 3/16"
RF3-3	26.0/13.1	0.135	0.135	18'-0 15/16"	5 x 1/4" x 19'-2"	6 x 5/16" x 15'-6 9/16"
	13.1/12.0	0.135	0.135	2'-0"		
	26.0/25.8	0.164	0.135	2'-10 1/4"	6 x 1/4" x 2'-4 5/16"	6 x 5/16" x 15'-6 9/16"
	25.8/12.0	0.135	0.135	15'-3 1/16"	6 x 1/4" x 17'-2 7/16"	

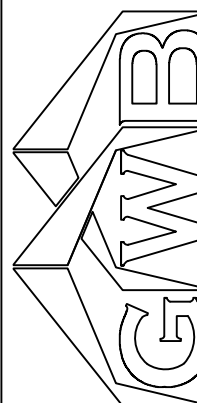
BEAM TABLE		
Mark	Part	Length
EB-3	W8X10	3'-5 7/16"
EB-8	W8X13	6'-1"

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga



RIGID FRAME ELEVATION: FRAME LINE 3

DATE	DWN.	CHK.	ENG.
10/1/23	MEZ	MEZ	RTS
10/1/23	AA	CAF	RTS
10/2/23	JMM	JMM	RTS



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PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	8 OF 21
JOB NUMBER:	94475
SHEET TITLE:	RIGID FRAME ELEVATION

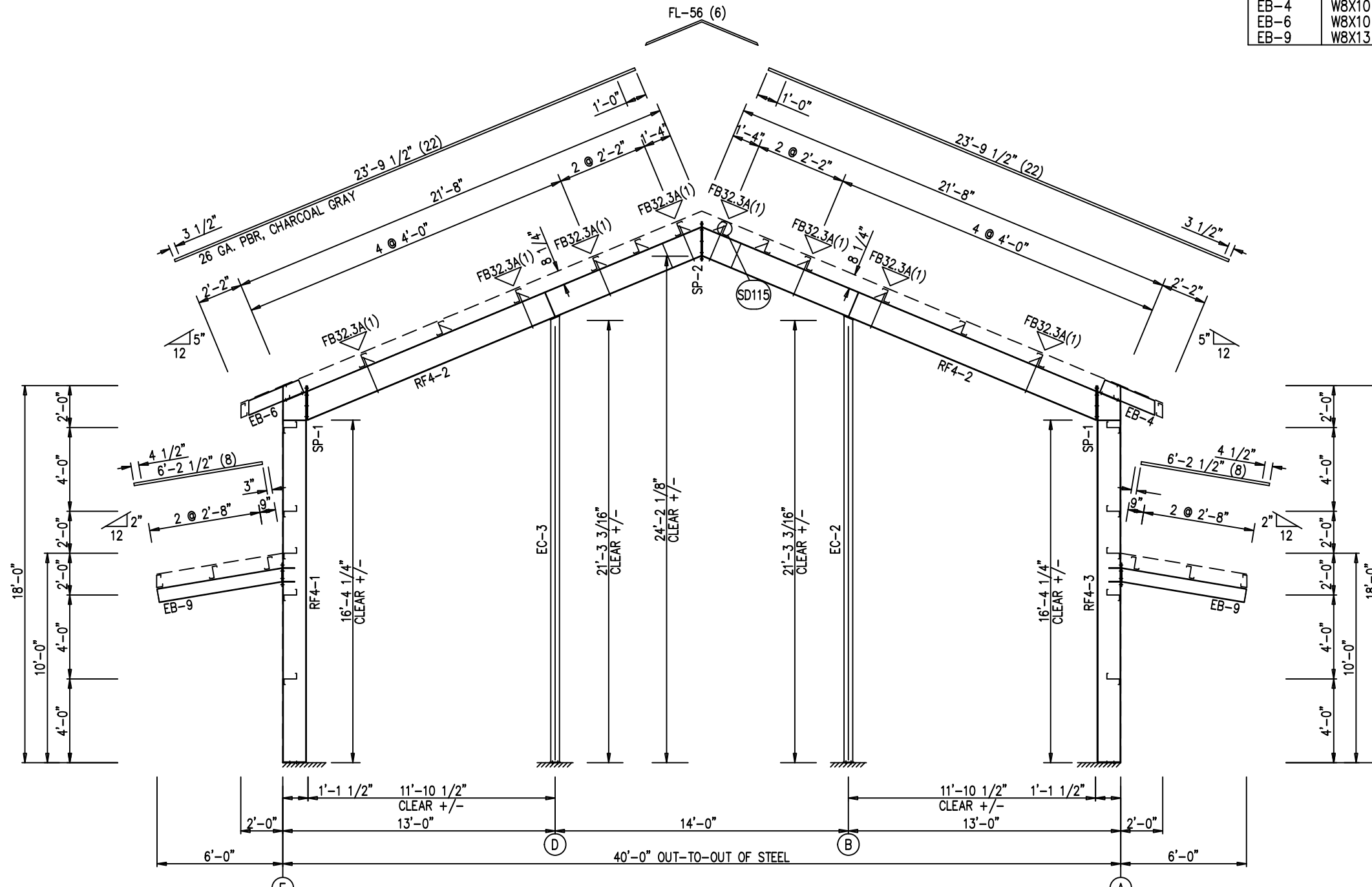
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SPLICE BOLT TABLE						CAP PLATE BOLTS					
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	2	2	A325	5/8"	2"	EC-2	4	A325	5/8"	1 1/2"
SP-2	4	4	2	A325	5/8"	1 3/4"	EC-3	4	A325	5/8"	1 1/2"

Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start	End	Thick	Length	W x Thk x Length	W x Thk x Length
RF4-1	13.0	13.0	0.188	17'-7 15/16"	6 x 1/4" x 8'-4 1/2" 6 x 1/4" x 7'-8 7/16" 6 x 1/4" x 1'-2 1/4"	6 x 1/4" x 16'-3 7/8"
RF4-2	15.0	15.0	0.135	18'-10 3/8"	6 x 1/4" x 20'-4 1/16"	6 x 1/4" x 20'-4 1/16"
RF4-3	13.0	13.0	0.188	17'-7 15/16"	6 x 1/4" x 1'-2 1/4" 6 x 1/4" x 7'-8 7/16" 6 x 1/4" x 8'-4 1/2"	6 x 1/4" x 16'-3 7/8"
EC-2	7.5	7.5	0.135	21'-2 7/16"	5 x 1/4" x 21'-3 9/16"	5 x 1/4" x 21'-3 9/16"
EC-3	7.5	7.5	0.135	21'-2 7/16"	5 x 1/4" x 21'-3 9/16"	5 x 1/4" x 21'-3 9/16"

BEAM TABLE		
Mark	Part	Length
EB-4	W8X10	3'-3 1/16"
EB-6	W8X10	3'-3 1/16"
EB-9	W8X13	6'-0 7/8"

FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga



RIGID FRAME ELEVATION: FRAME LINE 4

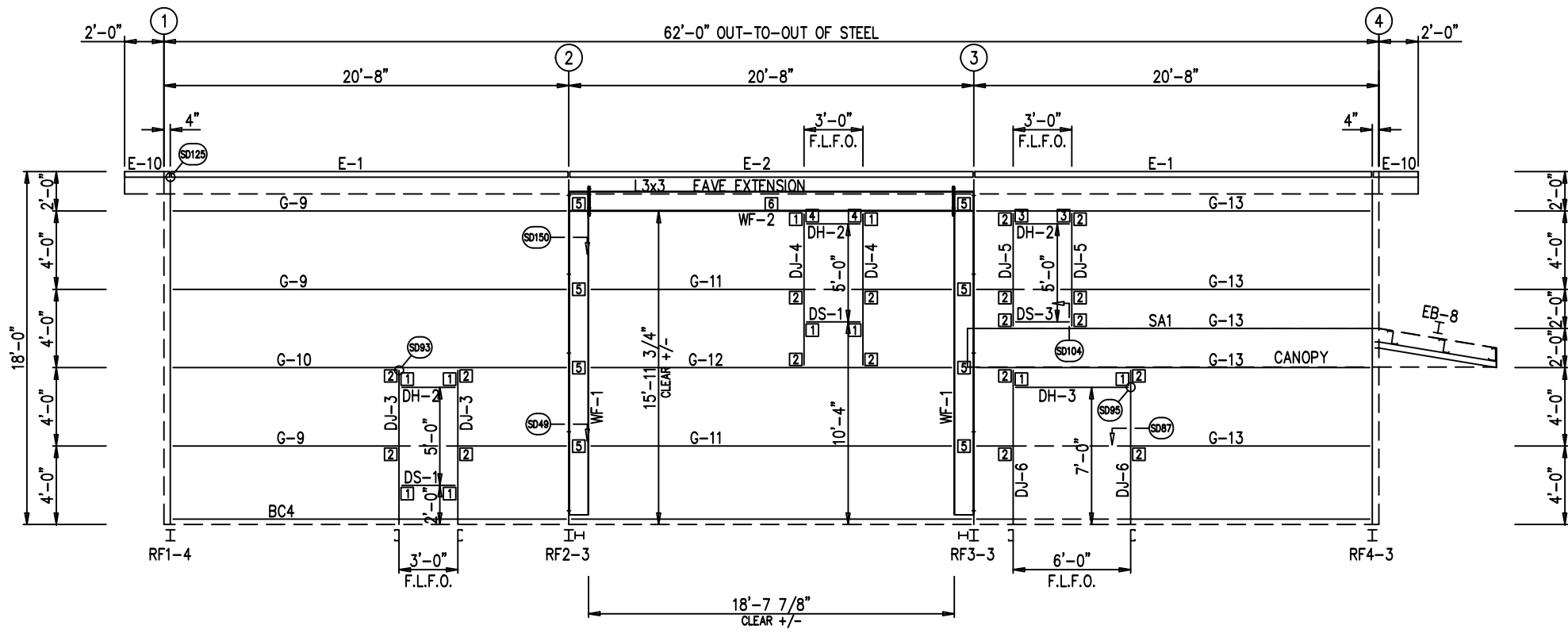
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	(M/M/23)	MEZ	MEZ	RTS
PERMIT	(M/M/23)	AA	CAF	RTS
ERECTION	(10/20/23)	JMM	JMM	RTS



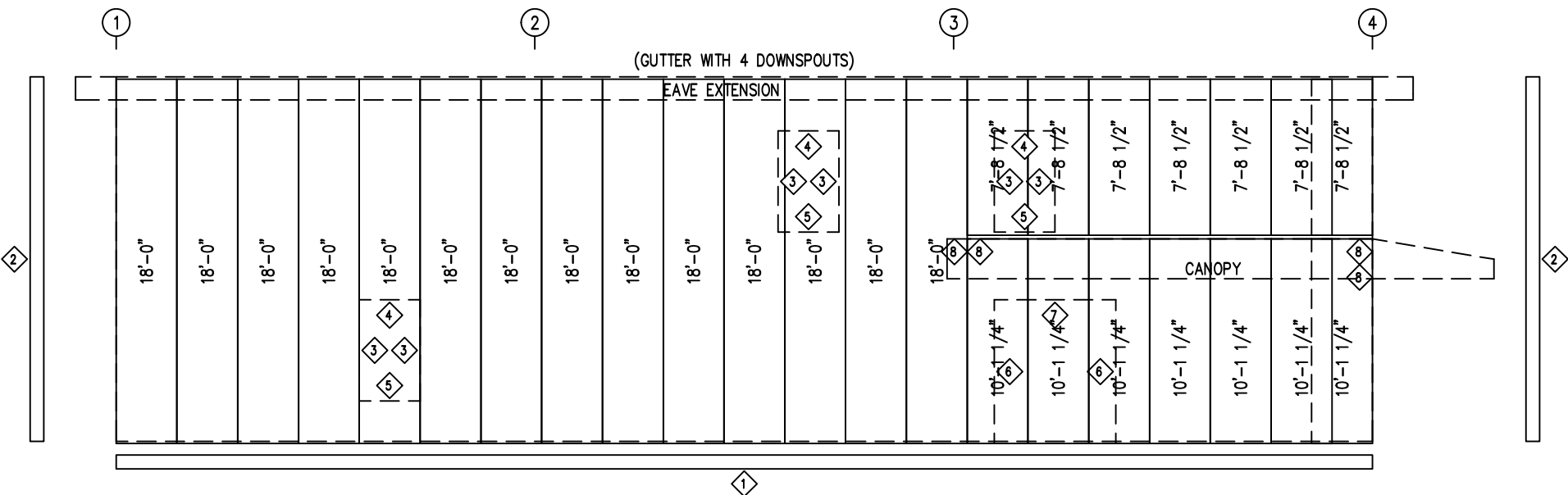
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 PHONE: (800)-497-2135
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CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	9 OF 21
JOB NUMBER:	94475
SHEET TITLE:	RIGID FRAME ELEVATION

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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 - COAL BLACK

TRIM TABLE FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	7	FL-60	10'-2"	TD75
2	2	FL-10	18'-0"	TD40
3	6	FL-48	5'-0"	TD51
4	3	FL-52	3'-4"	TD52
5	3	FL-50	3'-4"	TD52
6	2	FL-48	7'-2"	TD51
7	1	FL-52	6'-4"	TD52
8	4	FL-96	1'-2 3/4"	TD250

BOLT TABLE FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	7/8"	2 1/2"
WF-1 - RF2-3	10	A325	5/8"	1 1/2"
WF-1 - RF3-3	10	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE A			
QUAN	MARK	PART	LENGTH
2	WF-1	W12X16	16'-6"
1	WF-2	W12X26	18'-7 3/16"
1	EB-8	W8X13	6'-1"
2	DJ-3	8x25C16	7'-8"
2	DJ-4	8x25C16	7'-7 1/2"
2	DJ-5	8x25C16	5'-4"
2	DJ-6	8x25C16	7'-8"
3	DH-2	8x25C16	2'-11 1/2"
1	DH-3	8x25C16	5'-11 1/2"
2	DS-1	8x25C16	2'-11 1/2"
1	DS-3	GH-1	3'-0"
2	E-1	L08E16-5	19'-7 13/16"
1	E-2	L08E16-5	19'-11 13/16"
2	E-10	L08E16-5	1'-11 11/16"
3	G-9	8X25Z16	19'-7 7/8"
1	G-10	8X25Z14	19'-7 7/8"
2	G-11	8X25Z16	18'-7 3/8"
1	G-12	8X25Z12	18'-7 3/8"
5	G-13	8X25Z16	19'-7 13/16"

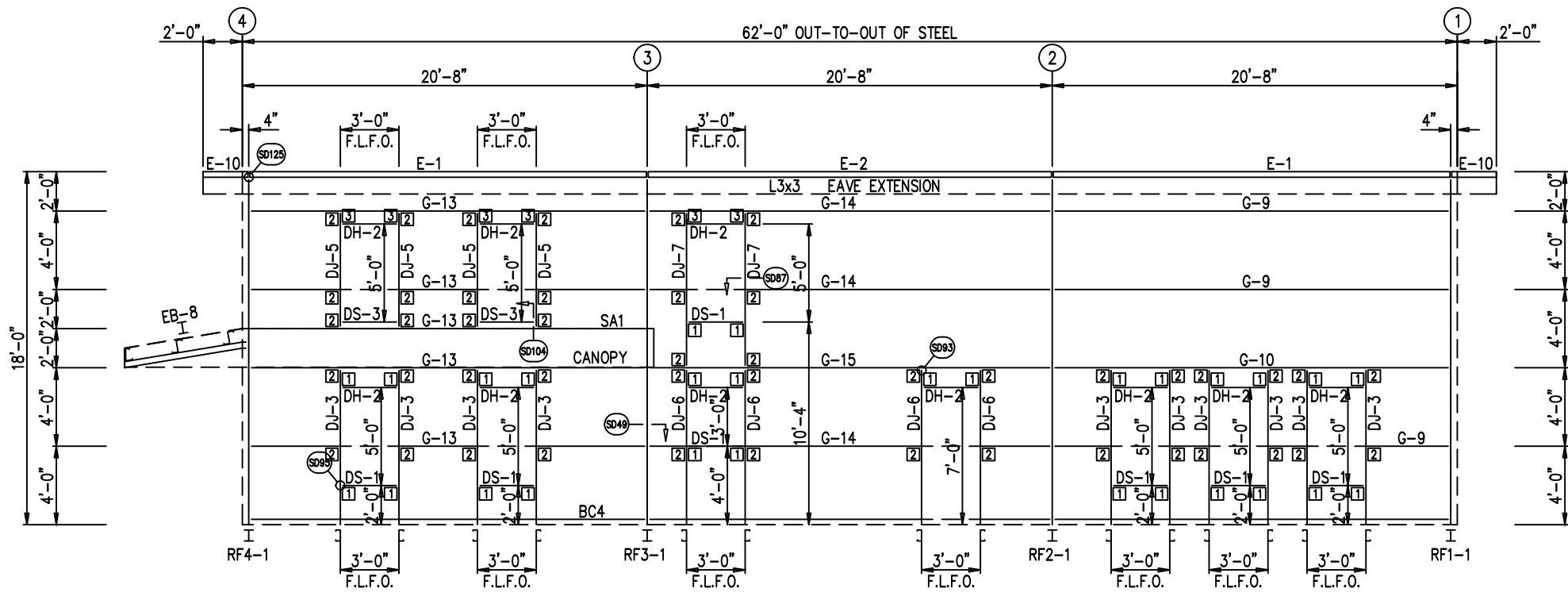
CONNECTION PLATES FRAME LINE A		
ID	QUAN	MARK
1	10	CL-100
2	18	CL-103
3	2	GW-502
4	2	GW-503
5	8	4" ZEE - 11"
6	1	4" ZEE - 18'-5"

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/1/23	MEZ	MEZ	RTS
PERMIT	10/1/23	AA	CAF	RTS
ERECTION	10/20/23	JMM	JMM	RTS

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CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	10 OF 21
JOB NUMBER:	94475
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

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

TRIM TABLE FRAME LINE E				
ID	QUAN	PART	LENGTH	DETAIL
1	7	FL-60	10'-2"	TD75
2	2	FL-10	18'-0"	TD40
3	16	FL-48	5'-0"	TD51
4	10	FL-52	3'-4"	TD52
5	9	FL-50	3'-4"	TD52
6	2	FL-48	3'-0"	TD51
7	2	FL-48	7'-2"	TD51
8	4	FL-96	1'-2 3/4"	TD250

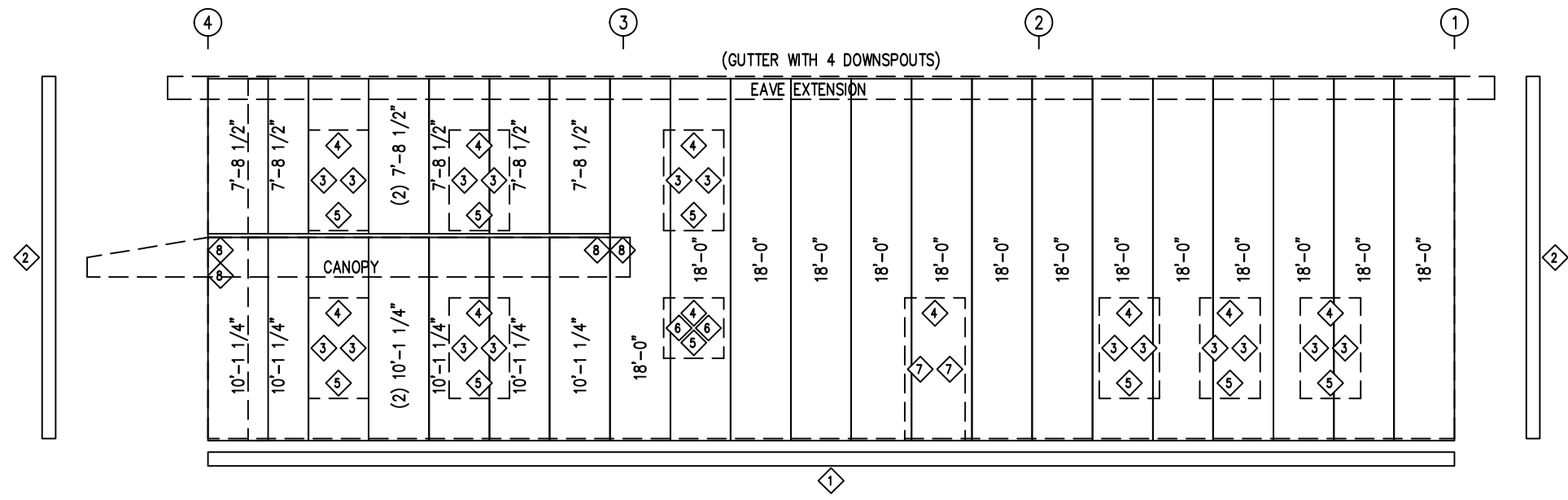
MEMBER TABLE FRAME LINE E			
QUAN	MARK	PART	LENGTH
1	EB-8	W8X13	6'-1"
10	DJ-3	8x25C16	7'-8"
4	DJ-5	8x25C16	5'-4"
4	DJ-6	8x25C16	7'-8"
2	DJ-7	8x25C16	7'-4"
10	DH-2	8x25C16	2'-11 1/2"
7	DS-1	8x25C16	2'-11 1/2"
2	DS-3	GH-1	3'-0"
2	E-1	L08E16-5	19'-7 13/16"
1	E-2	L08E16-5	19'-11 13/16"
2	E-10	L08E16-5	1'-11 11/16"
3	G-9	8X25Z16	19'-7 7/8"
1	G-10	8X25Z14	19'-7 7/8"
5	G-13	8X25Z16	19'-7 13/16"
3	G-14	8X25Z16	19'-11 7/8"
1	G-15	8X25Z12	19'-11 7/8"

CONNECTION PLATES FRAME LINE E		
ID	QUAN	MARK
1	28	CL-100
2	46	CL-103
3	6	GW-502

ISSUE	DATE	APPROVAL	PERMIT	ERECTION	ENG.	CHK.	RTS	RTS	RTS
	10/1/23								
	10/1/23								
	10/2/23								

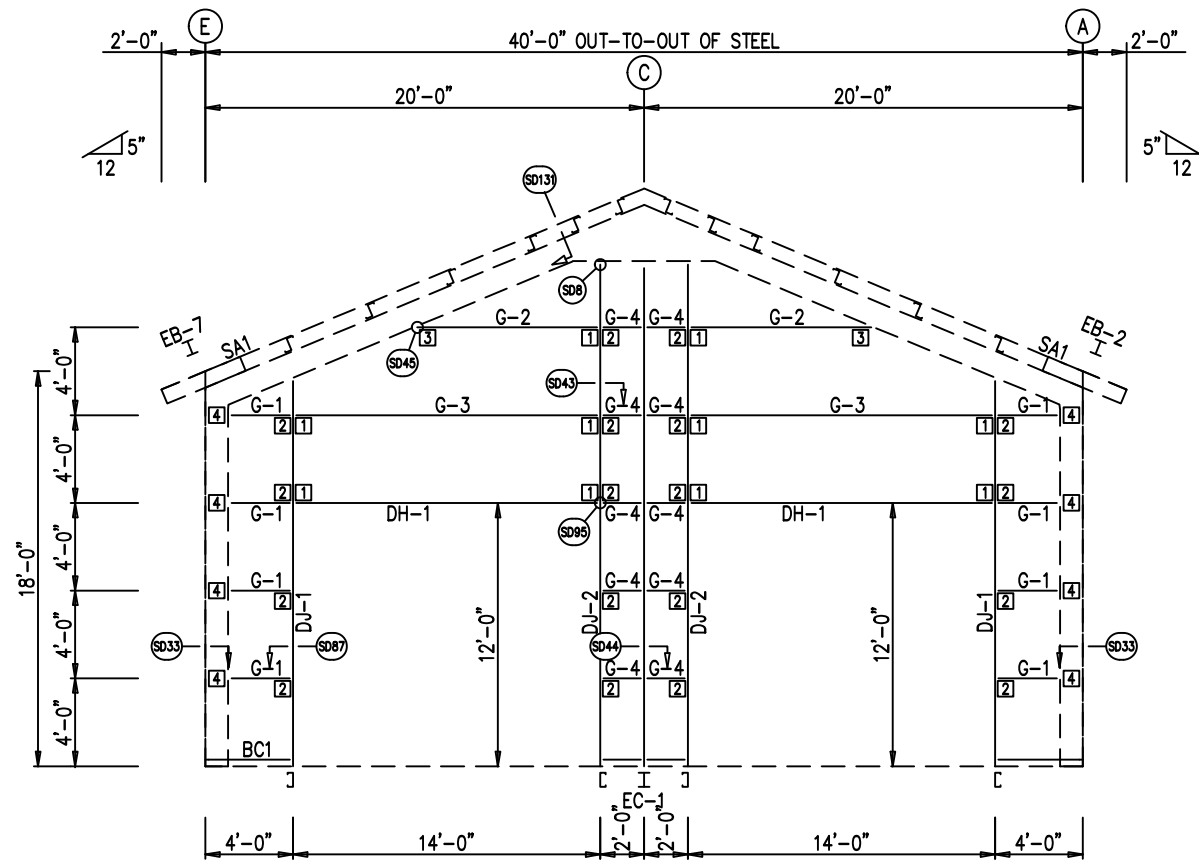
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PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	11 OF 21
JOB NUMBER:	94475
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

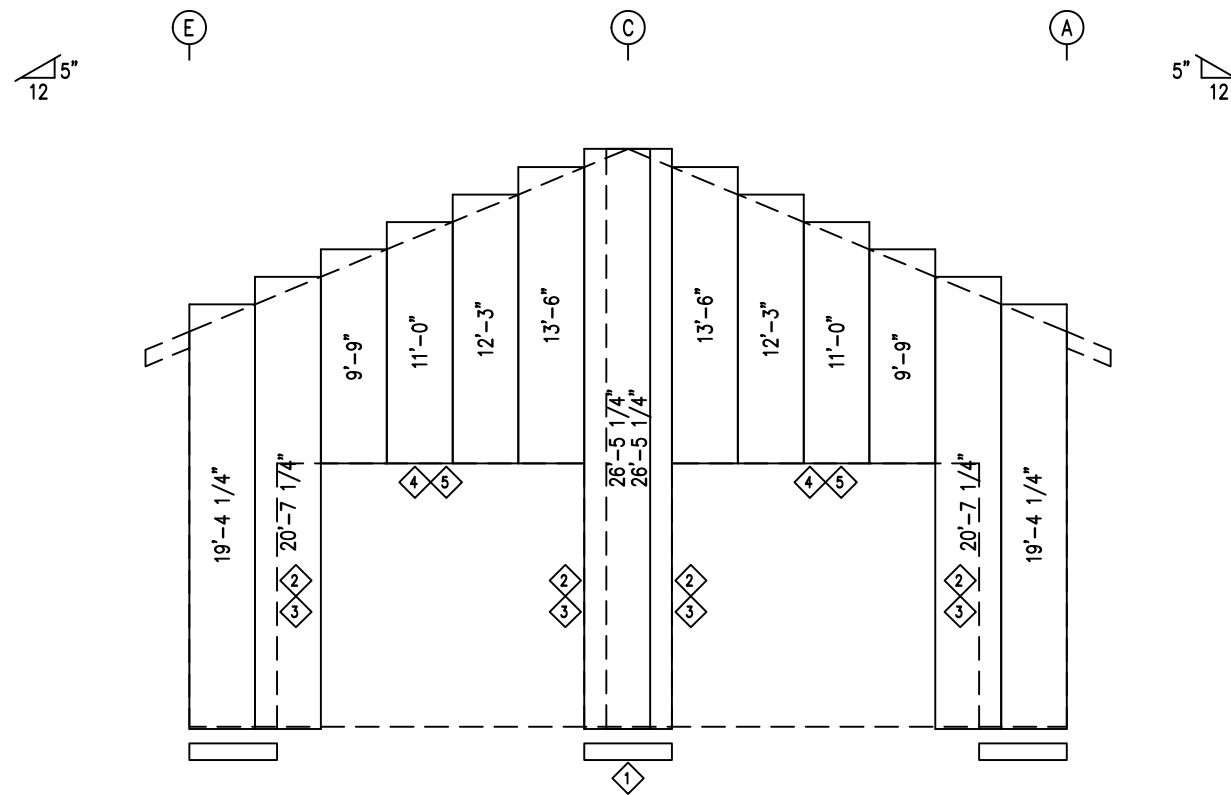


SIDEWALL SHEETING & TRIM: FRAME LINE E
PANELS: 26 GA. PBR - COAL BLACK

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ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 GA. PBR - COAL BLACK

TRIM TABLE
FRAME LINE 1

ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-60	10'-2"	TD75
2	4	FL-55	12'-2"	TD51
3	4	FL-48	12'-2"	TD51
4	2	FL-55	14'-7"	TD52
5	2	FL-52	14'-4"	TD52

BOLT TABLE
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
COLUMNS/RAFTER	4	A325	5/8"	1 1/2"
JAMBS/RAFTER	2	A325	5/8"	1 1/2"

MEMBER TABLE
FRAME LINE 1

QUAN	MARK	PART	LENGTH
1	EB-2	W8X10	3'-2"
1	EB-7	W8X10	3'-2"
1	EC-1	W8X13	23'-0 3/16"
2	DJ-1	8X25C12	17'-7 11/16"
2	DJ-2	8X25C12	22'-11 1/2"
2	DH-1	8X25C16	13'-11 1/2"
8	G-1	8X25Z16	2'-7 1/8"
2	G-2	8X25Z16	8'-2 3/8"
2	G-3	8X25Z16	13'-11 1/2"
10	G-4	8X25Z16	1'-3 3/4"

CONNECTION PLATES
FRAME LINE 1

ID	QUAN	MARK
1	10	CL-100
2	18	CL-103
3	2	CL-109F
4	8	4" ZEE - 11"

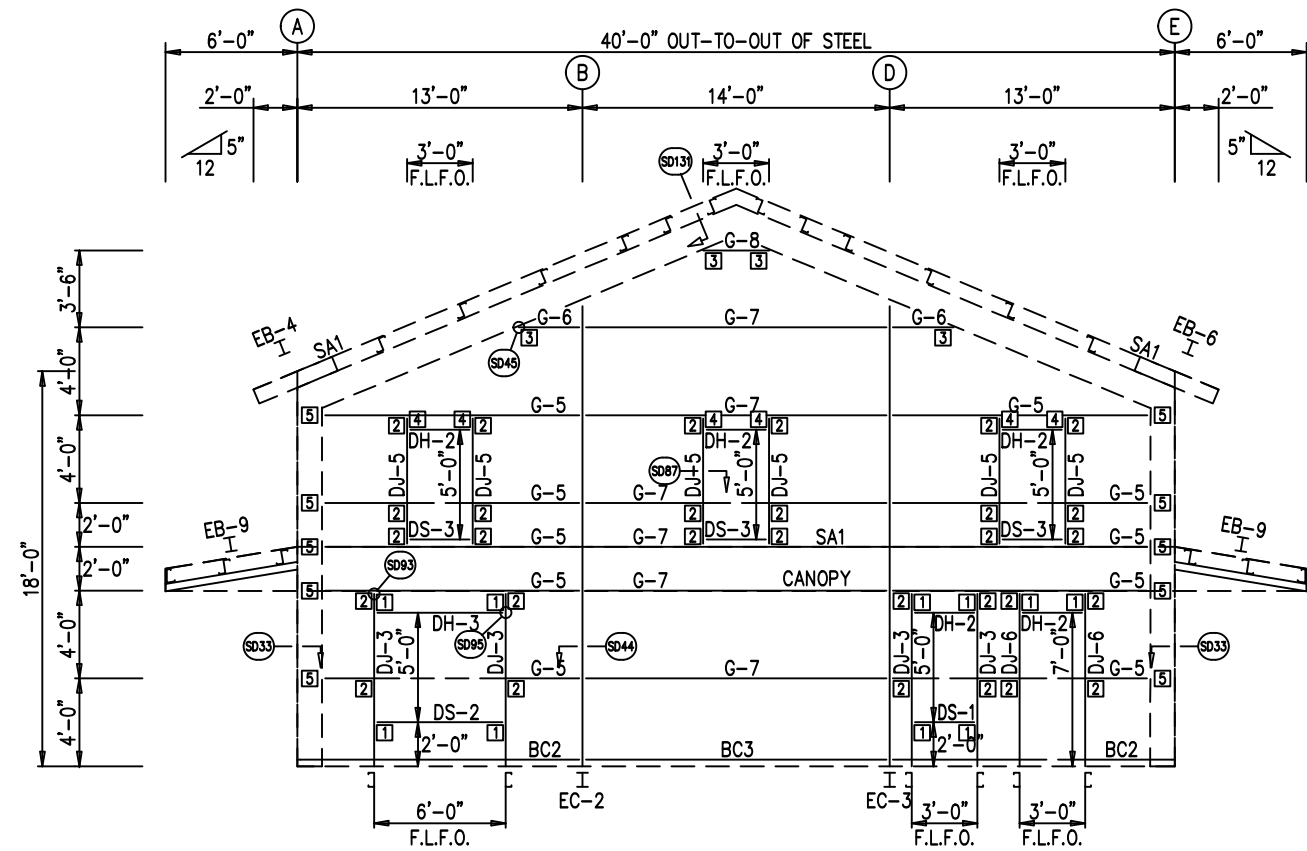
DATE	DWN.	CHK.	ENG.
10/1/23	MEZ	MEZ	RTS
10/1/23	AA	CAF	RTS
10/2/23	JMM	JMM	RTS



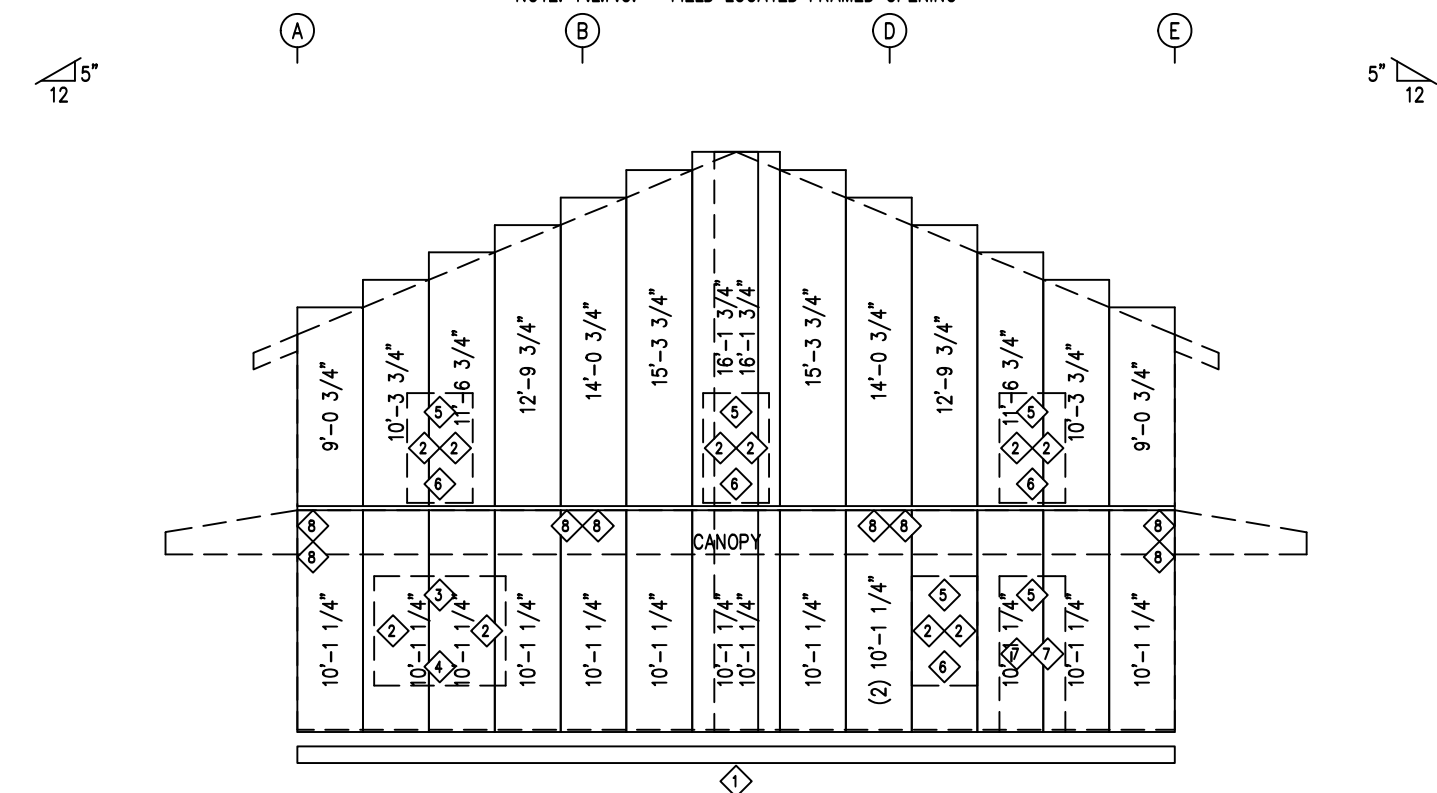
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PROJECT COUNTY:	
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SCALE:	N.T.S.
SHEET NUMBER:	12 OF 21
JOB NUMBER:	94475
SHEET TITLE:	ENDWALL FRAMING & SHEETING

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ENDWALL FRAMING: FRAME LINE 4
NOTE: F.L.F.O. = FIELD LOCATED FRAMED OPENING



ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 GA. PBR - COAL BLACK

TRIM TABLE FRAME LINE 4				
ID	QUAN	PART	LENGTH	DETAIL
1	4	FL-60	10'-2"	TD75
2	10	FL-48	5'-0"	TD51
3	1	FL-52	6'-4"	TD52
4	1	FL-50	6'-4"	TD52
5	5	FL-52	3'-4"	TD52
6	4	FL-50	3'-4"	TD52
7	2	FL-48	7'-2"	TD51
8	8	FL-96	1'-2 3/4"	TD250

BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
COLUMNS/RAFTER	4	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE 4			
QUAN	MARK	PART	LENGTH
1	EB-4	W8X10	3'-3 1/16"
1	EB-6	W8X10	3'-3 1/16"
2	EB-9	W8X13	6'-0 7/8"
1	EC-2	W08541	21'-4 5/16"
1	EC-3	W08541	21'-4 5/16"
4	DJ-3	8x25C16	7'-8"
6	DJ-5	8x25C16	5'-4"
2	DJ-6	8x25C16	7'-8"
5	DH-2	8x25C16	2'-11 1/2"
1	DH-3	8x25C16	5'-11 1/2"
1	DS-1	8x25C16	2'-11 1/2"
1	DS-2	8x25C16	5'-11 1/2"
10	G-5	8X25Z16	11'-6 3/16"
2	G-6	8X25Z16	2'-5 5/16"
6	G-7	8X25Z16	13'-3 7/8"
1	G-8	8X25Z16	2'-9 3/16"

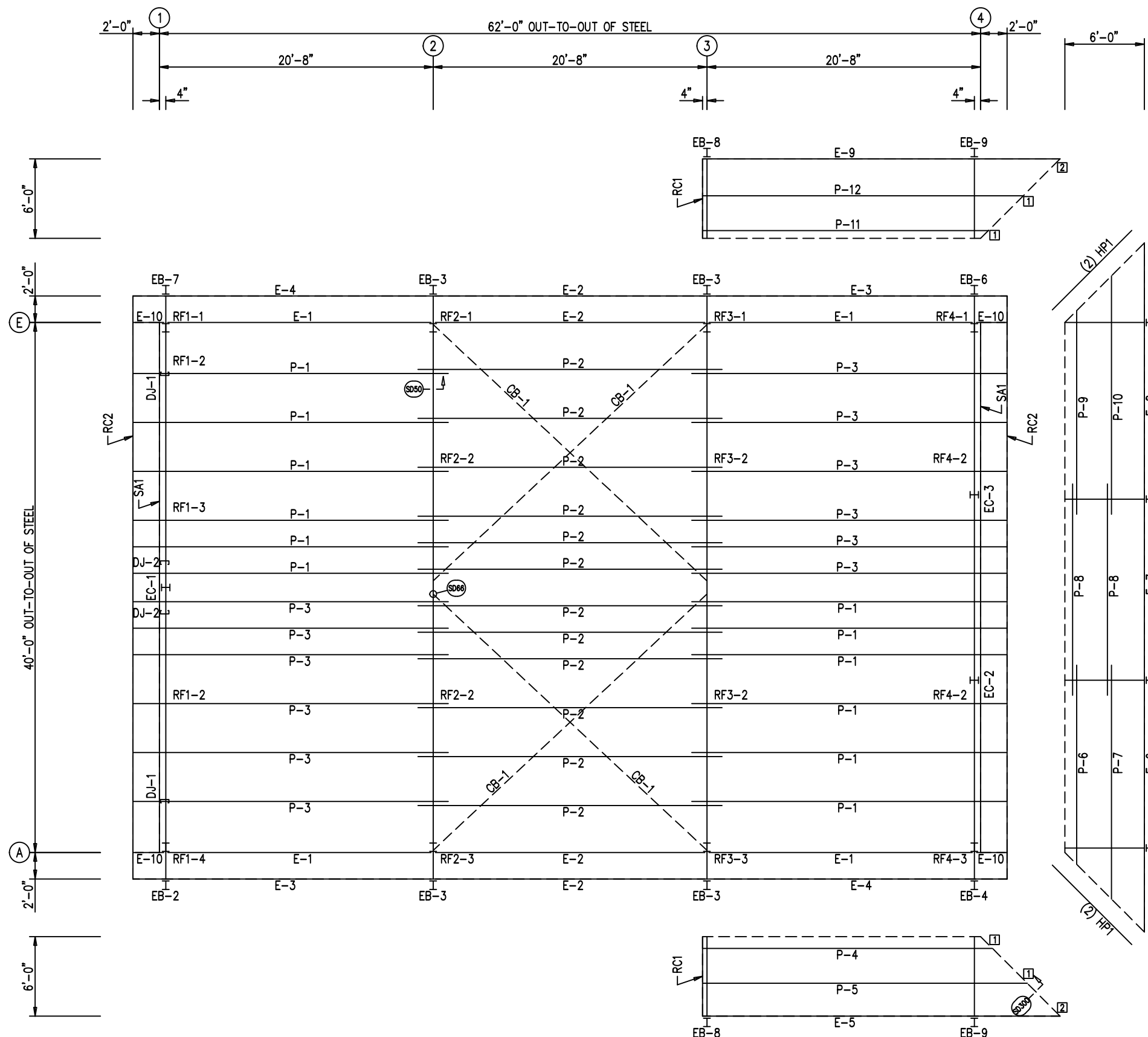
CONNECTION PLATES FRAME LINE 4		
ID	QUAN	MARK
1	10	CL-100
2	30	CL-103
3	4	CL-109F
4	6	GW-502
5	10	4" ZEE - 1'-0"

ISSUE	DATE	CHK.	ENG.
APPROVAL	10/17/23	MEZ	RTS
PERMIT	10/17/23	AA	CAF
ERECTION	10/20/23	JMM	JMM

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SCALE:	N.T.S.
SHEET NUMBER:	13 OF 21
JOB NUMBER:	94475
SHEET TITLE:	ENDWALL FRAMING & SHEETING

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ROOF FRAMING PLAN

BOLT TABLE ROOF PLAN				
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	5/8"	1 1/2"
EB-3	4	A325	5/8"	1 1/2"
EB-4	4	A325	5/8"	1 1/2"
EB-6	4	A325	5/8"	1 1/2"
EB-7	4	A325	5/8"	1 1/2"
EB-8	8	A325	5/8"	1 1/2"
EB-9	8	A325	5/8"	1 3/4"

MEMBER TABLE ROOF PLAN			
QUAN	MARK	PART	LENGTH
1	EB-2	W8X10	3'-2"
4	EB-3	W8X10	3'-5 7/16"
1	EB-4	W8X10	3'-3 1/16"
1	EB-6	W8X10	3'-3 1/16"
1	EB-7	W8X10	3'-2"
4	EB-8	W8X13	6'-1"
4	EB-9	W8X13	6'-0 7/8"
12	P-1	8X25Z14	23'-9 1/2"
12	P-2	8X25Z16	22'-11 1/2"
12	P-3	8X25Z14	23'-9 1/2"
1	P-4	8X25Z12	21'-3 11/16"
1	P-5	8X25Z12	23'-11 1/4"
1	P-6	8X25Z16	14'-5 11/16"
1	P-7	8X25Z16	17'-1 1/4"
2	P-8	8X25Z16	16'-3 1/2"
1	P-9	8X25Z16	14'-5 11/16"
1	P-10	8X25Z16	17'-1 1/4"
1	P-11	8X25Z12	21'-3 11/16"
1	P-12	8X25Z12	23'-11 1/4"
4	F-1	L08E16-5	19'-7 13/16"
4	F-2	L08E16-5	19'-11 13/16"
2	F-3	L08E16-5	22'-3 11/16"
2	F-4	L08E16-5	22'-3 11/16"
1	F-5	L08E16-2	26'-5 1/2"
1	F-6	L08E16-2	18'-11 1/2"
1	F-7	L08E16-2	13'-11 1/2"
1	F-8	L08E16-2	18'-11 1/2"
1	F-9	L08E16-2	26'-5 1/2"
4	F-10	L08E16-5	1'-11 11/16"
4	CB-1	CB0313	29'-7"

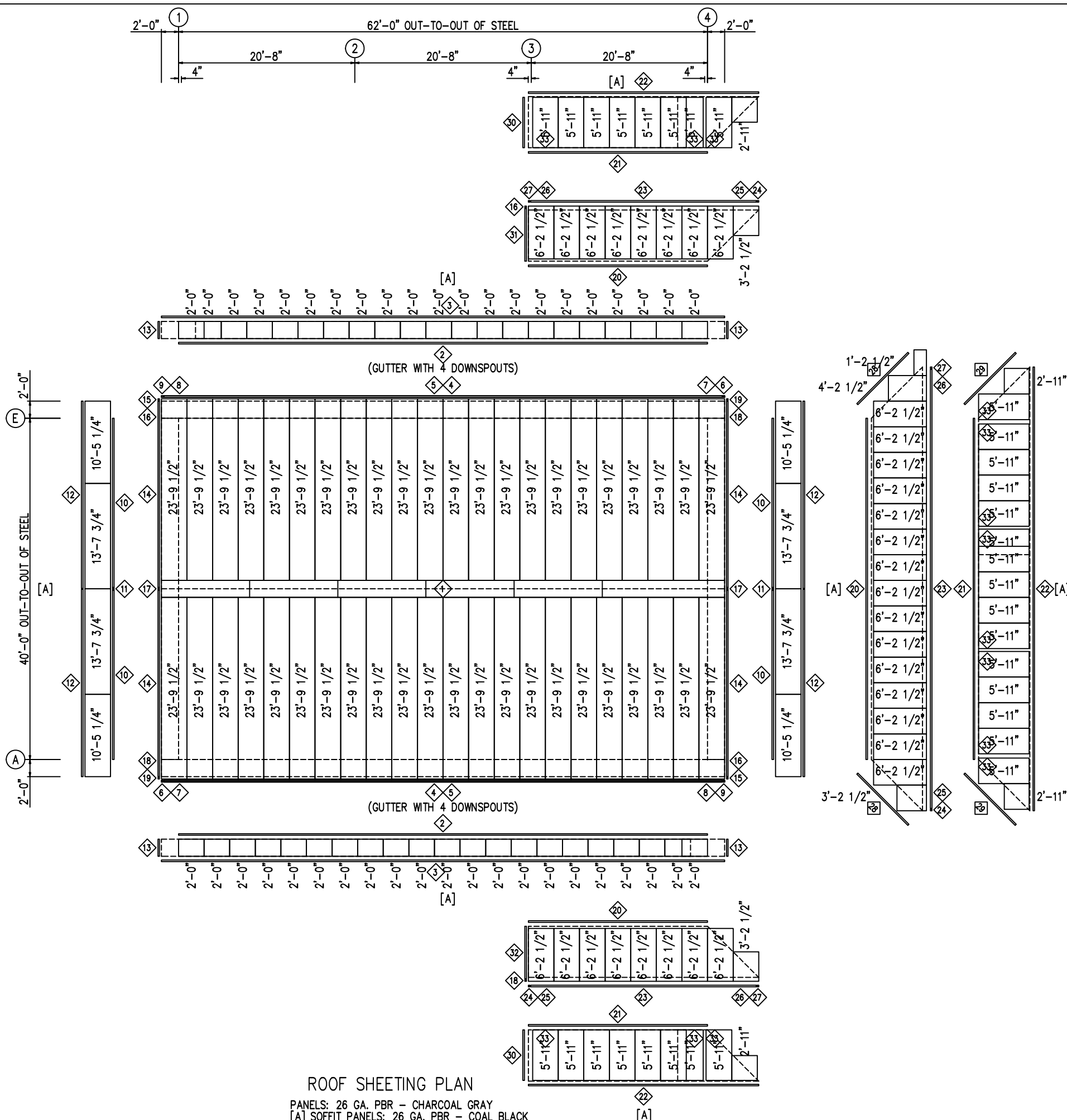
CONNECTION PLATES ROOF PLAN		
ID	QUAN	MARK
1	4	GW-500
2	2	GW-501

ISSUE	APPROVAL	PERMIT	ERECTION	DATE			CHK.			ENG.
				DWN.	MEZ	RTS	MEZ	CAF	RTS	
				10/1/23	10/1/23	10/1/23				

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SCALE:	N.T.S.
SHEET NUMBER:	14 OF 21
JOB NUMBER:	94475
SHEET TITLE:	ROOF FRAMING PLAN

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TRIM TABLE ROOF PLAN				
ID	QUAN	PART	LENGTH	DETAIL
1	6	FL-56	11'-4"	TD9
2	12	FL-501	10'-8"	TD236
3	12	FL-500	11'-3"	TD26
4	8	FL-32	11'-8"	TD26
5	12	FL-31	11'-2"	TD26
6	2	FL-32L	11'-2"	TD13
7	2	FL-33L	8"	TD85
8	2	FL-32R	11'-2"	TD13
9	2	FL-33R	8"	TD85
10	8	FL-64	11'-2"	TD70
11	2	FL-88	2'-2"	TD72
12	8	FL-79	12'-1"	TD64
13	4	FL-96	2'-0"	TD245
14	4	FL-21	14'-0"	TD64
15	2	FL-21L	11'-2"	TD85
16	3	FL-328L	9 1/2"	TD13
17	2	FL-23	1'-4"	
18	2	FL-21R	11'-2"	TD85
19	3	FL-328R	9 1/2"	TD13
20	8	FL-65	11'-4"	TD208
21	8	FL-501	10'-4"	TD208
22	12	FL-500	9'-3"	TD20
23	5	FL-29	10'-10"	TD20
24	3	FL-29L	11'-2"	TD13
25	3	FL-30L	9 1/2"	TD85
26	3	FL-29R	11'-2"	TD13
27	3	FL-30R	9 1/2"	TD85
28	2	FL-56	9'-7"	TD10
29	2	FL-88	9'-7"	TD10
30	2	FL-79	7'-0"	TD65
31	1	FL-21L	7'-2"	TD85
32	1	FL-21R	7'-2"	TD85
33	14	FL-50	5'-11"	TD66

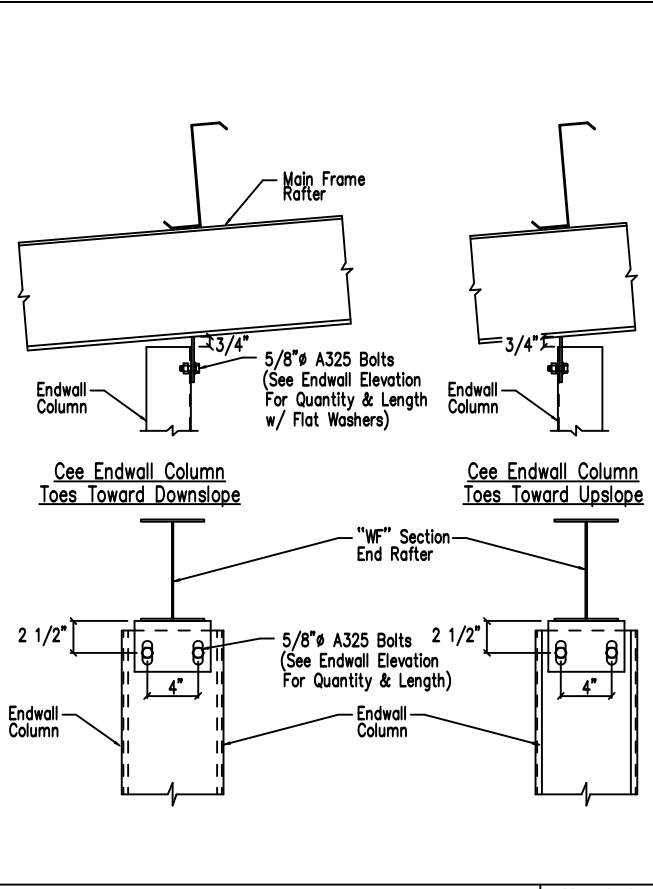
GWB

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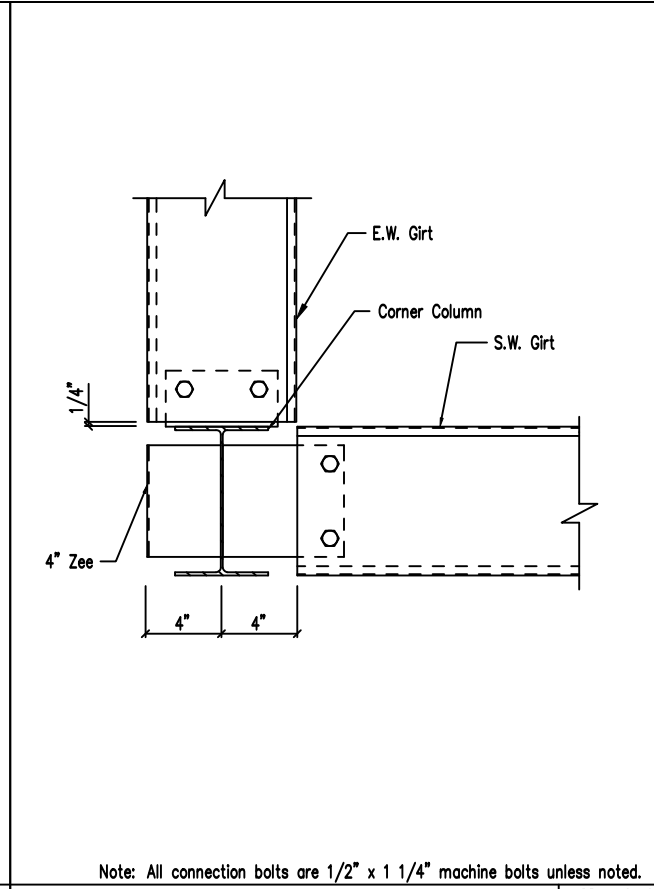
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	15 OF 21
JOB NUMBER:	94475
SHEET TITLE:	ROOF SHEETING PLAN

ROOF SHEETING PLAN
 PANELS: 26 GA. PBR - CHARCOAL GRAY
 [A] SOFFIT PANELS: 26 GA. PBR - COAL BLACK

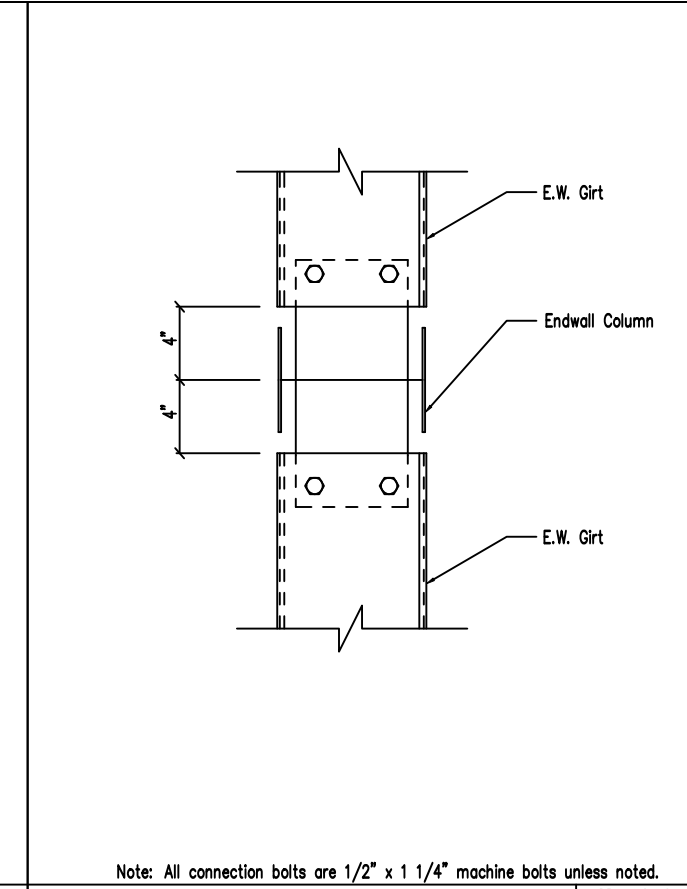
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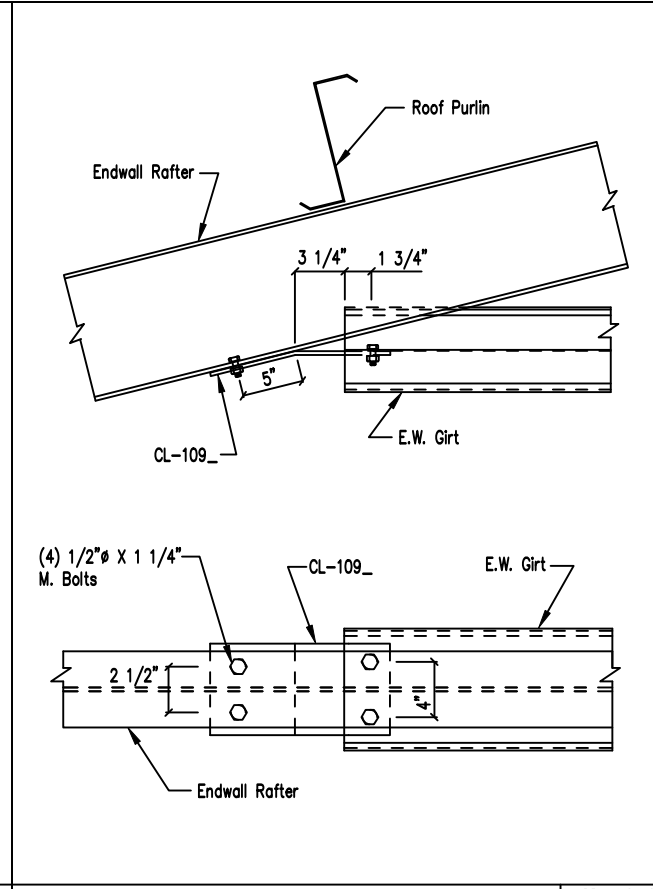
Cold Form Column to Main Frame Rafter
DRAWING NO. SD8



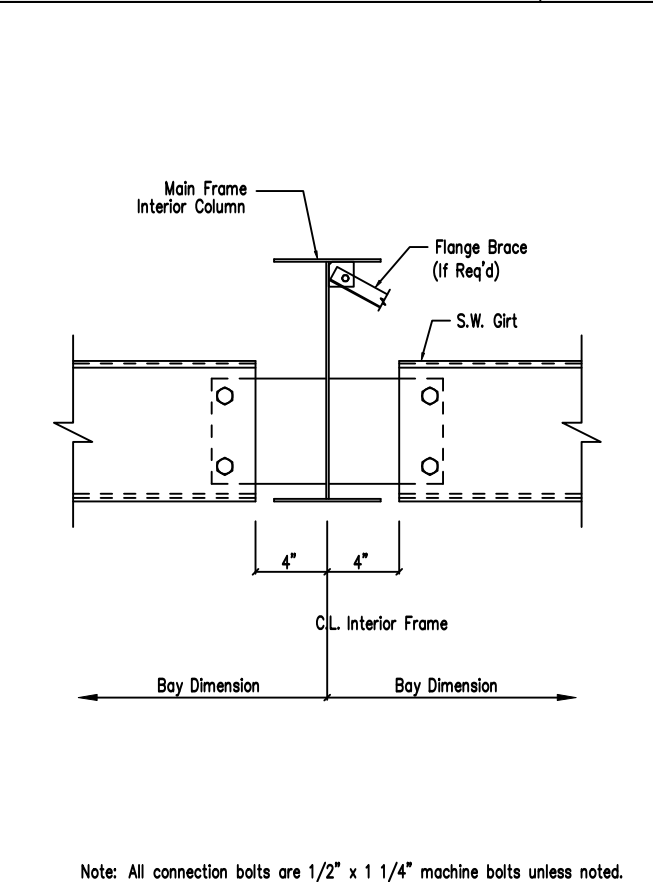
Section at Hot Rolled Corner Column
Flush Endwall - Flush Sidewall
DRAWING NO. SD33



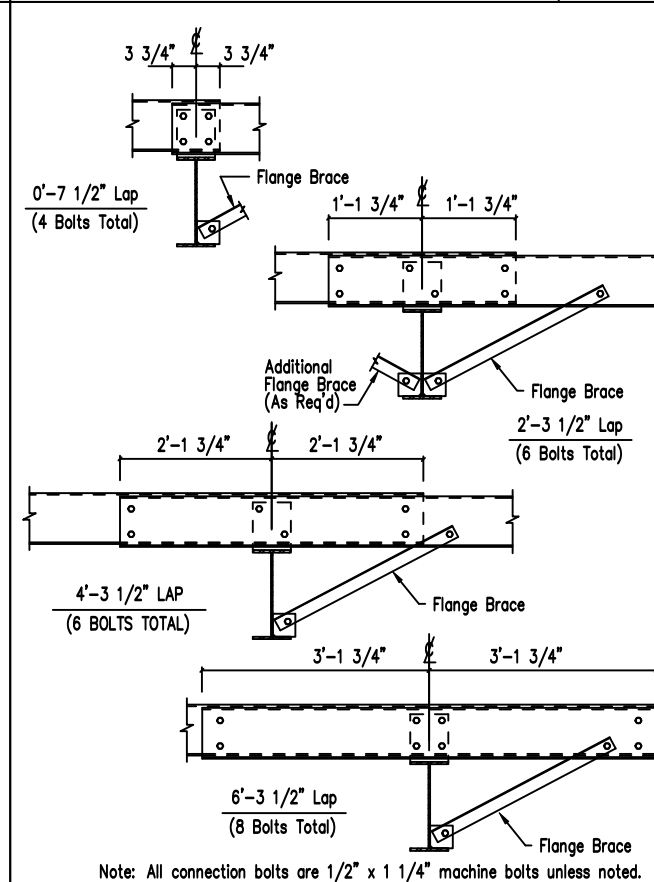
Girt to Hot Rolled Endwall Column Connection
DRAWING NO. SD44



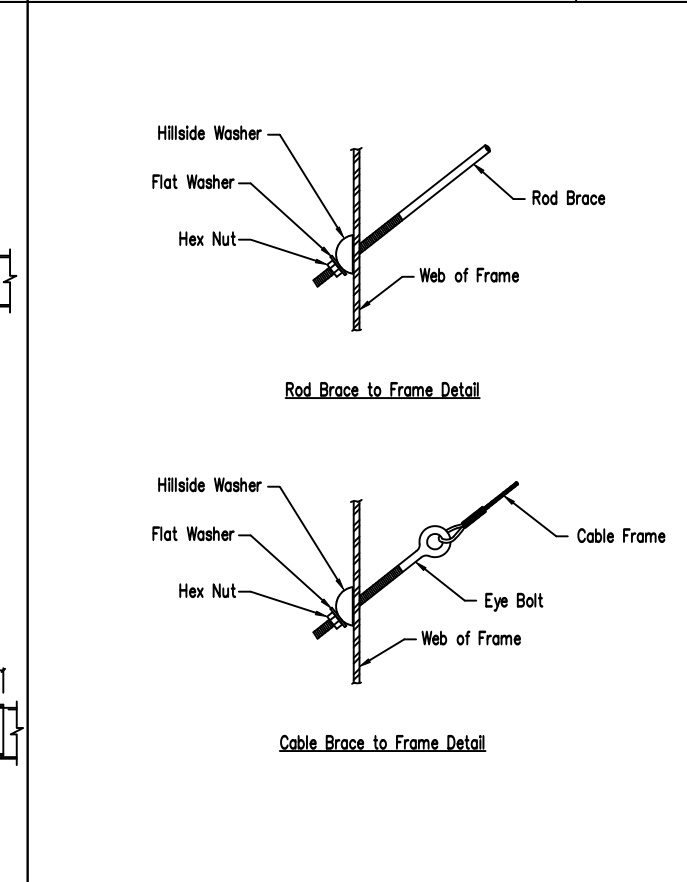
Endwall Girt to Hot Rolled Rafter
DRAWING NO. SD45



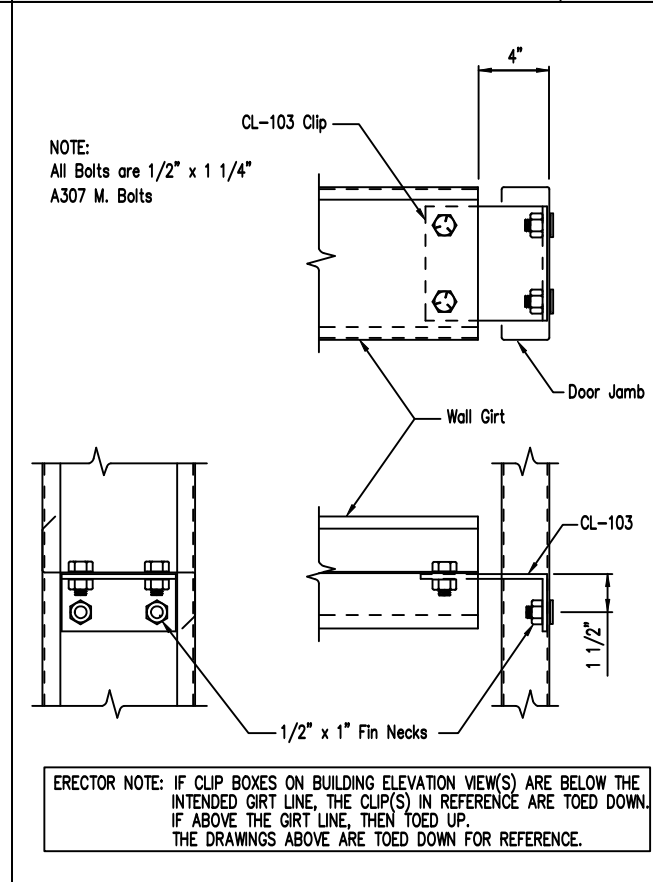
Section at Interior MF Column
Flush Sidewall
DRAWING NO. SD49



Interior Bay Purlin Framing
DRAWING NO. SD50



Cable or Rod Brace to Frame Connection
DRAWING NO. SD66



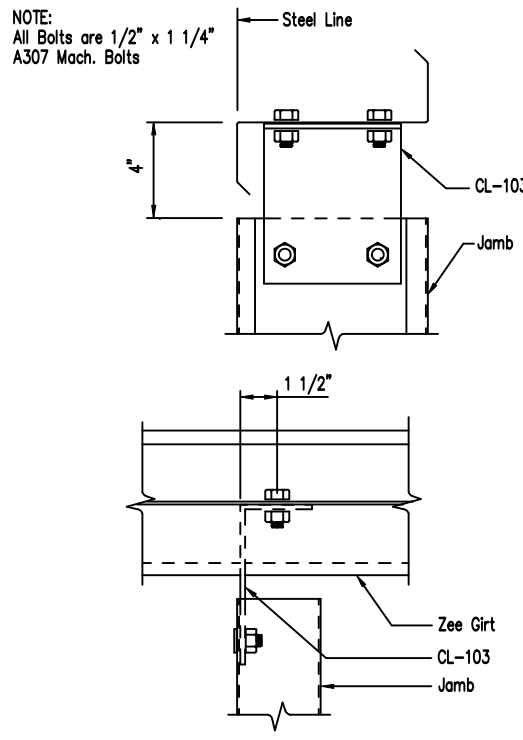
Girt to Jamb (Bolted Clips)
DRAWING NO. SD87

DATE	ISSUE	CHK.	ENG.
10/10/23	APPROVAL	MEZ	RTS
10/10/23	PERMIT	AA	CAF
10/20/23	ERECTION	JMM	RTS

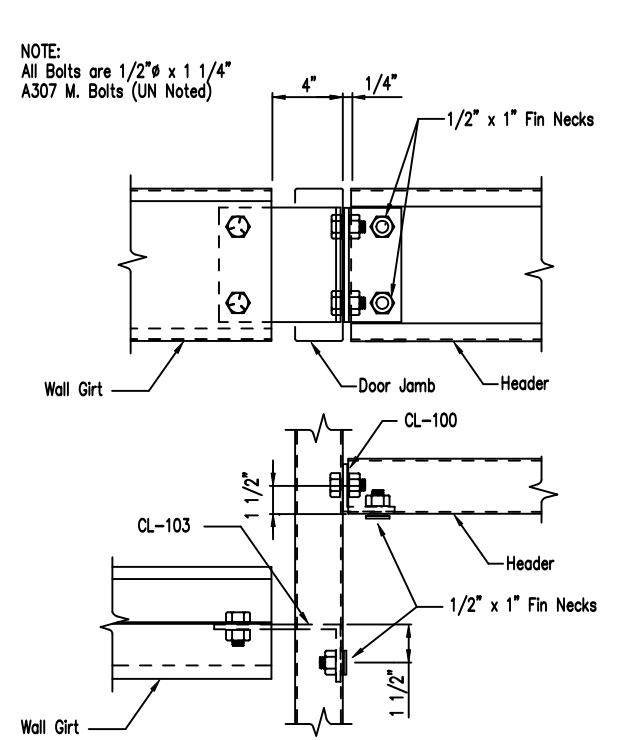
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PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
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SCALE:	N.T.S.
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SHEET TITLE:	DETAIL DRAWINGS

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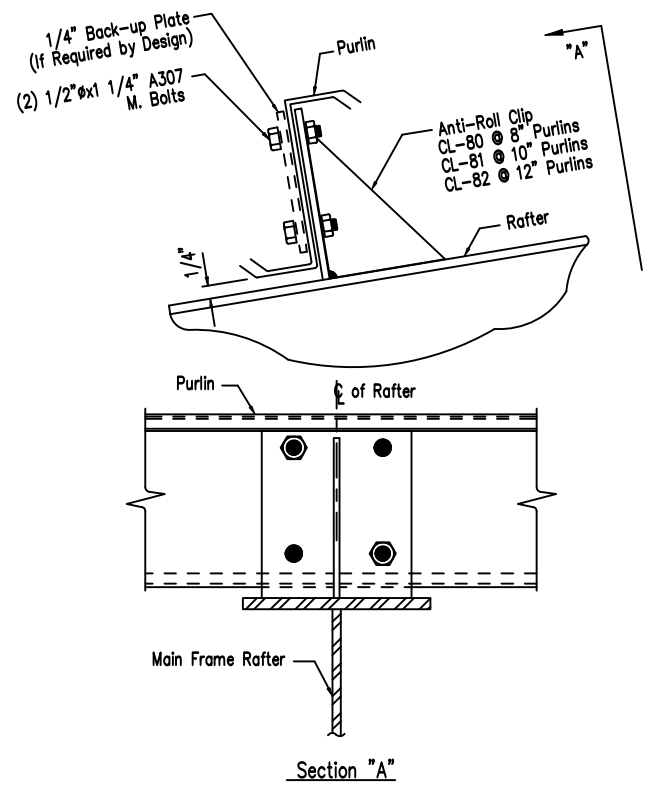
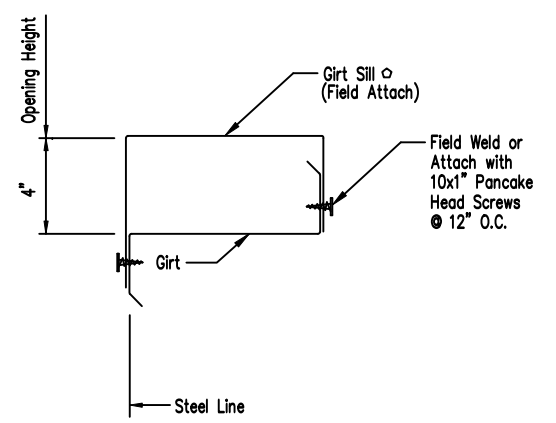


ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE LEFT OF THE INTENDED JAMB LINE, THE CLIP(S) IN REFERENCE ARE TOED LEFT. IF RIGHT OF THE JAMB LINE, THEN TOED RIGHT. THE DRAWINGS ABOVE ARE TOED LEFT FOR REFERENCE.



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. THE DRAWINGS ABOVE ARE TOED DOWN FOR REFERENCE.

MEMBER TABLE	
ZEE Size	Piece Mark
8"	GH-1
10"	GH-2
12"	GH-3



Jamb to Girt

DRAWING NO.
SD93

Girt/Header to Jamb

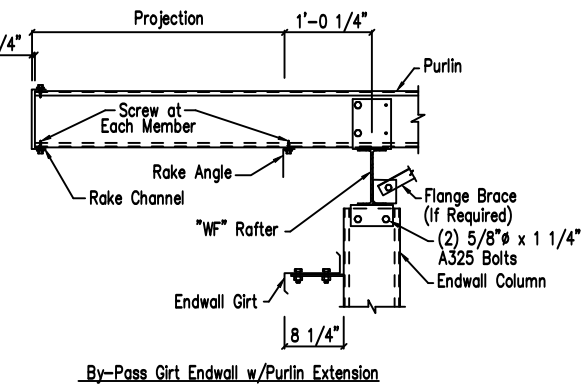
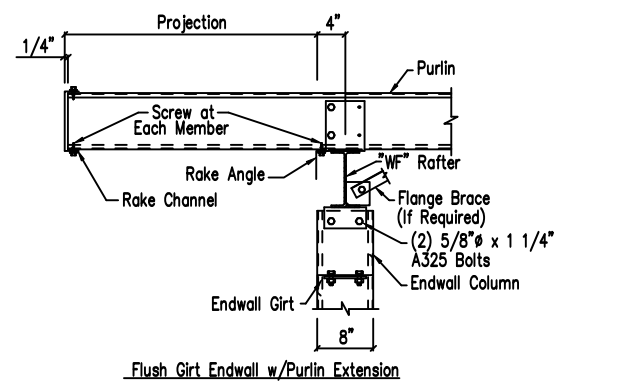
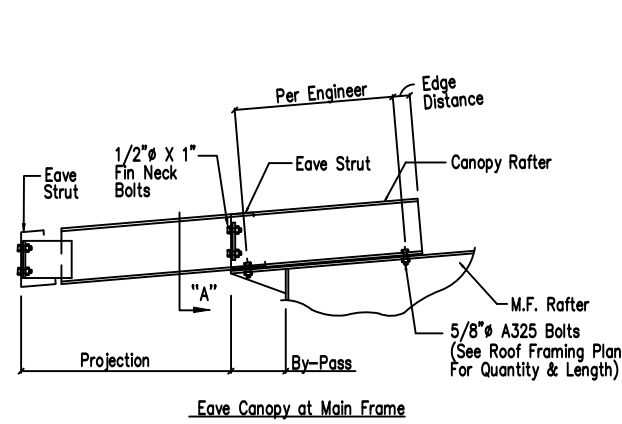
DRAWING NO.
SD95

Framed Opening w/ Girt Sill

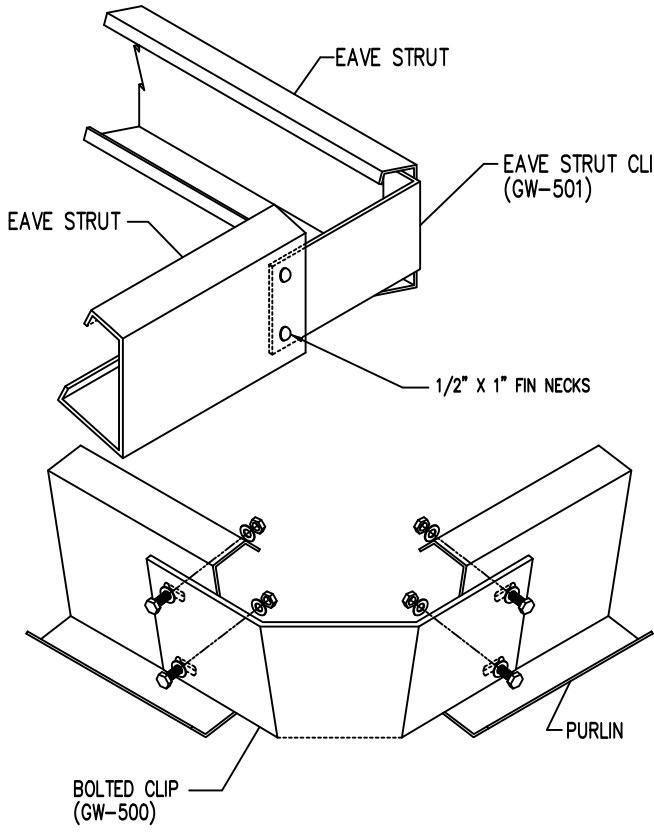
DRAWING NO.
SD104

Purlin to Anti-Roll Clip Connection

DRAWING NO.
SD115



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



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

Eave Canopy Framing Detail

DRAWING NO.
SD125

Purlin Extension Framing Details
Hot Roll Rafter

DRAWING NO.
SD131

Flush Wind Bent (Floating)

DRAWING NO.
SD150

Purlin to Hip Frame

DRAWING NO.
SD300

DATE	DWN.	CHK.	ENG.
10/17/23	MEZ	MEZ	RTS
10/17/23	AA	CAF	RTS
10/20/23	JMM	JMM	RTS

ISSUE	APPROVAL	PERMIT	ERECTION

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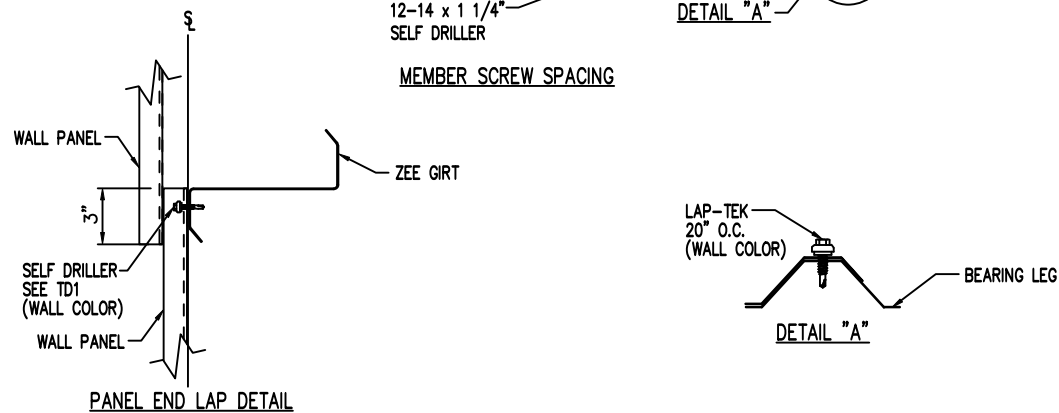
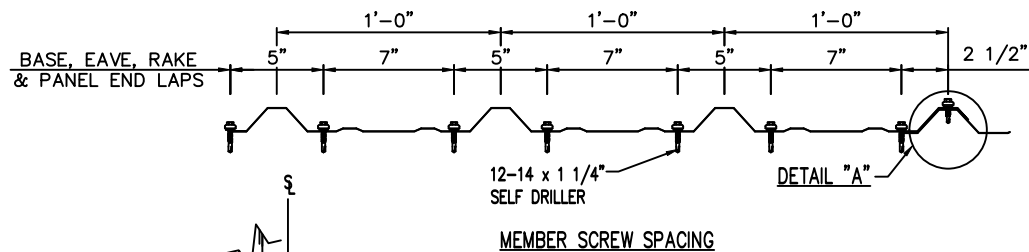
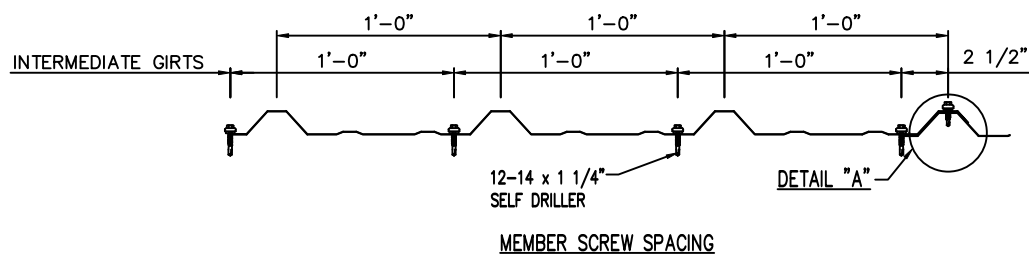
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Revised On: 7/10/17

Revised On: 7/10/17

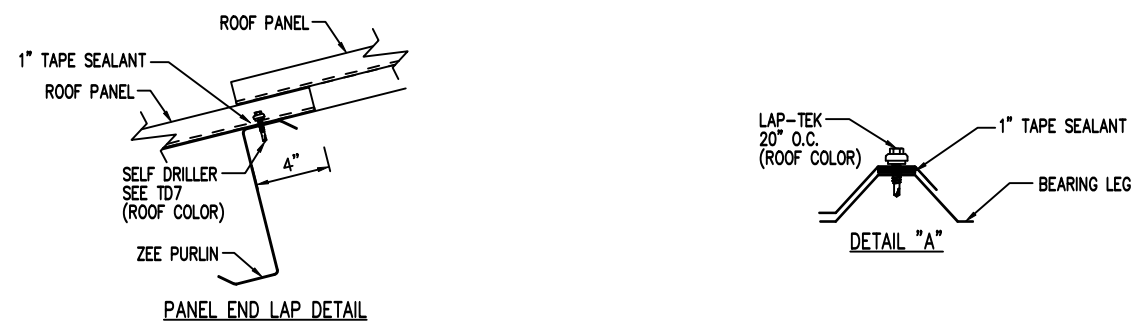
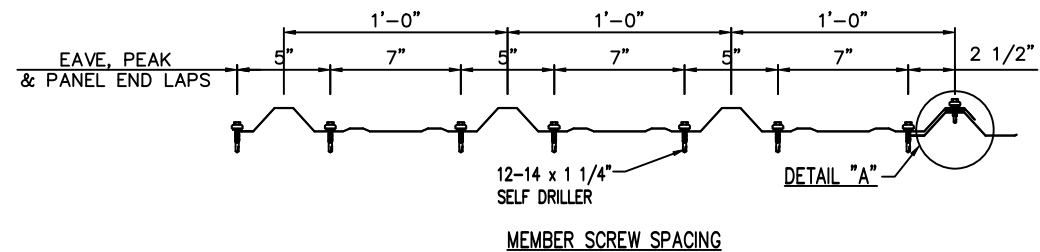
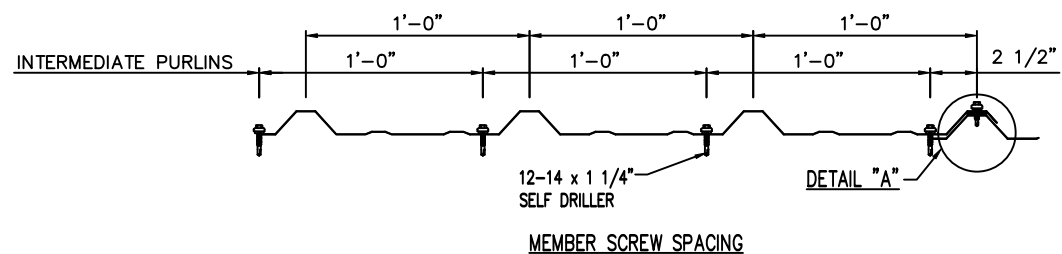
Revised On: 5/28/12
Revised On: 7/21/14

Revised On: 01/07/20



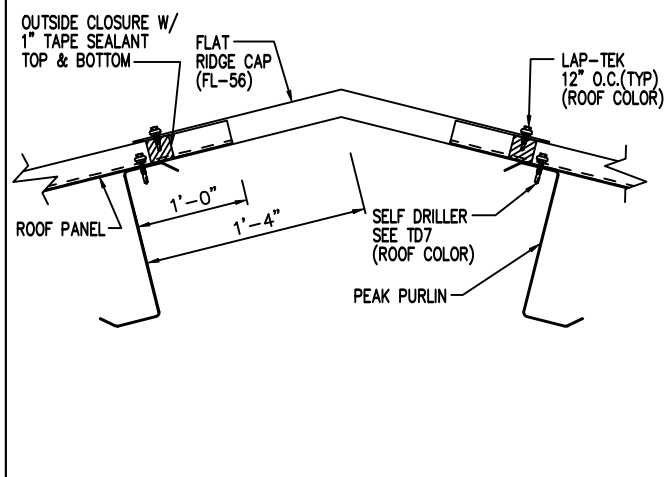
Fastener Location at Wall - PBR

DRAWING NO.
TD1



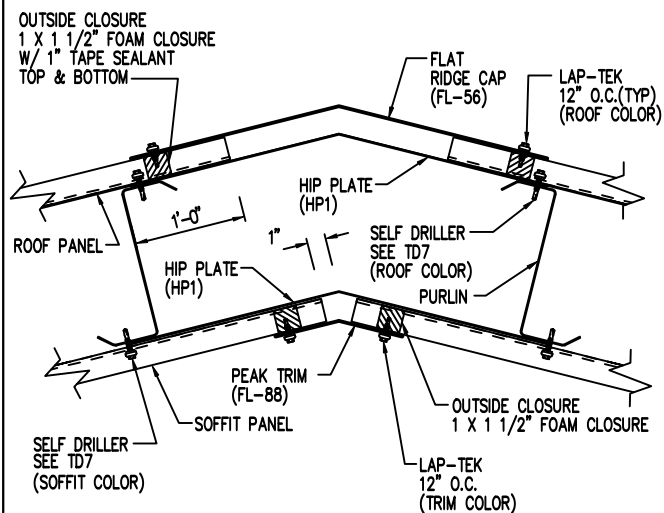
Fastener Location at Roof - PBR

DRAWING NO.
TD7



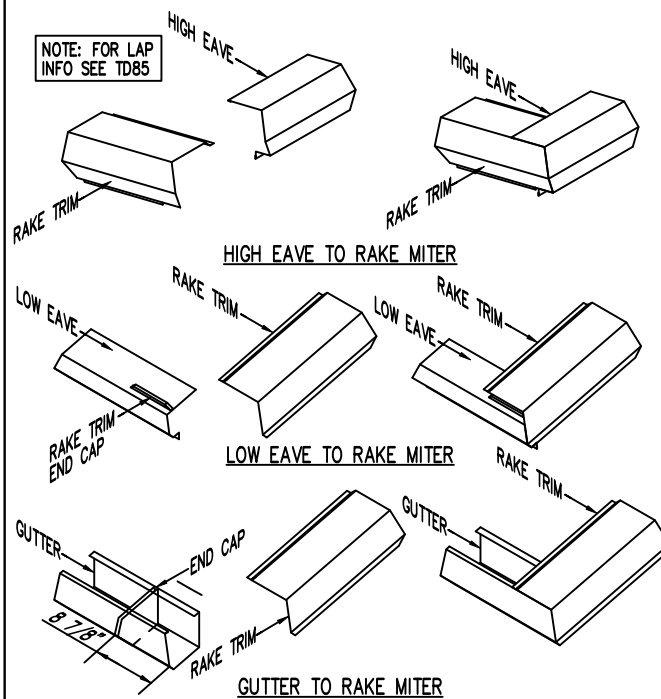
Flat Ridge Detail - PBR
Greater Than 4:12 Roof Slope

DRAWING NO.
TD9



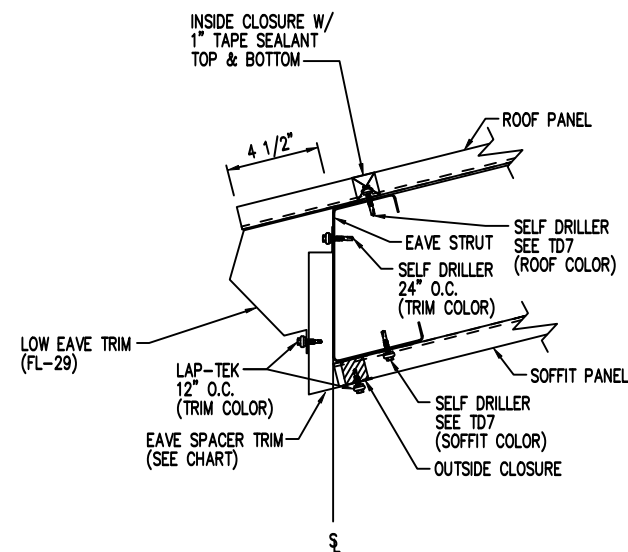
Flat Hip Detail - PBR
Greater Than 3:12 Roof Slope

DRAWING NO.
TD10



Sculptured Trim Detail - PBR

DRAWING NO.
TD13



Low Eave Detail - PBR
Sculptured Eave - Open Wall - With Soffit

DRAWING NO.
TD20

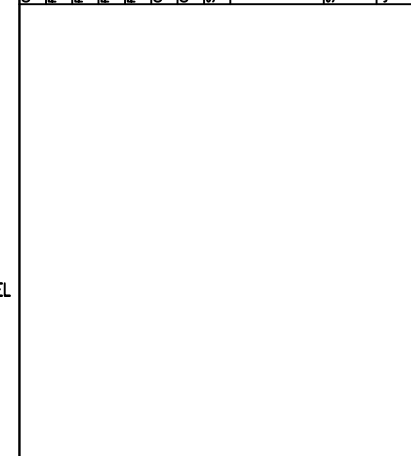
TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-500
10"	FL-500
12"	FL-500

LOCATE THE GUTTER END CAP 8 7/8" AWAY FROM THE FRONT MITER OF THE GUTTER. IF DONE PROPERLY THE END CAP SHOULD LINE UP WITH THE LOW LEG OF THE RAKE TRIM THAT SITS ON TOP OF THE ROOF PANEL. APPLY ONE BEAD OF TUBE SEALANT (NOT BY G.W.B.) BETWEEN THE END CAP SURFACE AND THE GUTTER. ATTACH THE END CAP TO THE GUTTER USING (12) POP RIVETS. CHECK TO MAKE SURE ALL EDGES ARE SEALED WITH TUBE SEALANT (NOT BY G.W.B.). INSERT THE GUTTER INTO THE RAKE TRIM. ALIGN THE MITERED EDGES AND ATTACH TO THE RAKE TRIM WITH (12) POP RIVETS.

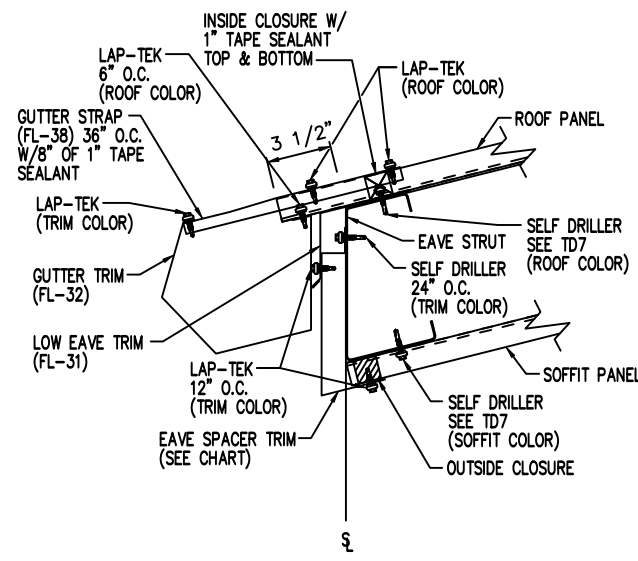
DATE	ISSUE	DWN.	CHK.	ENG.
10/17/23	APPROVAL	MEZ	MEZ	RTS
10/17/23	PERMIT	AA	CAF	RTS
10/20/23	ERECTION	JMM	JMM	RTS

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SHEET NUMBER:	18 OF 21
JOB NUMBER:	94475
SHEET TITLE:	DETAIL DRAWINGS



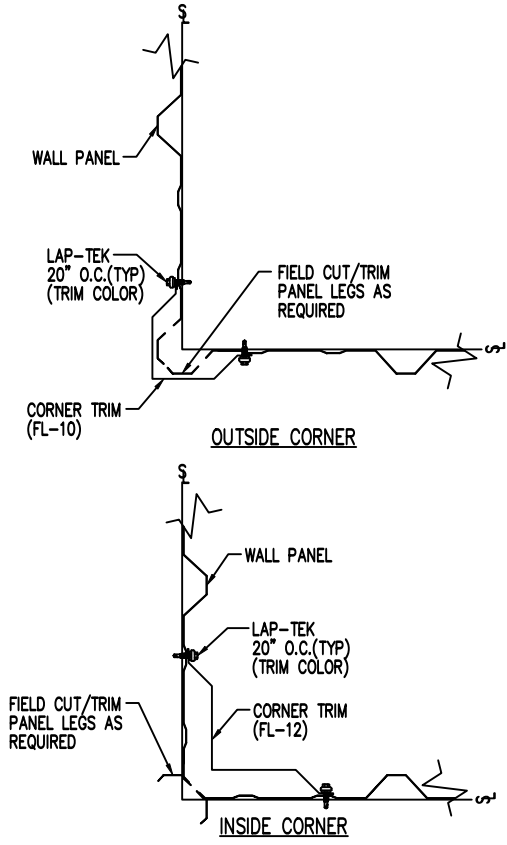
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TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-500
10"	FL-500
12"	FL-500

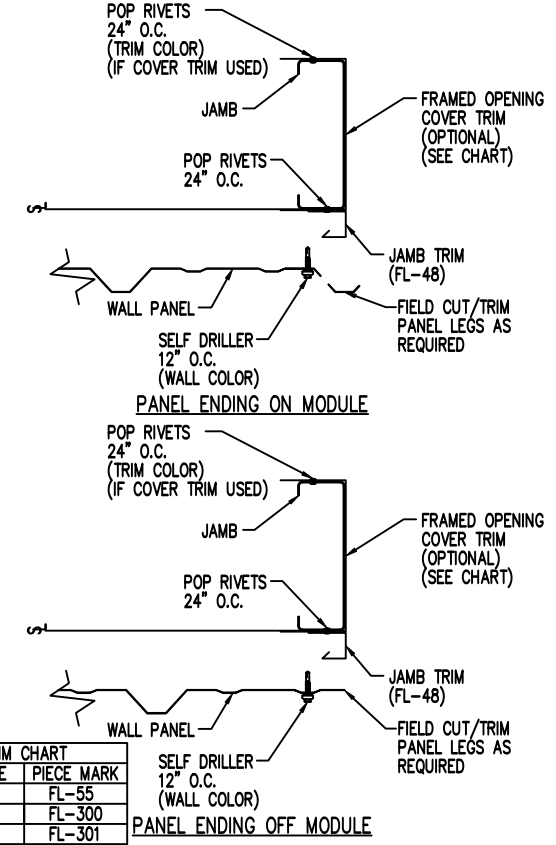
Low Eave Gutter Detail - PBR
Sculptured Gutter - Open Wall - With Soffit

DRAWING NO. TD26



Section at Corner Detail - PBR

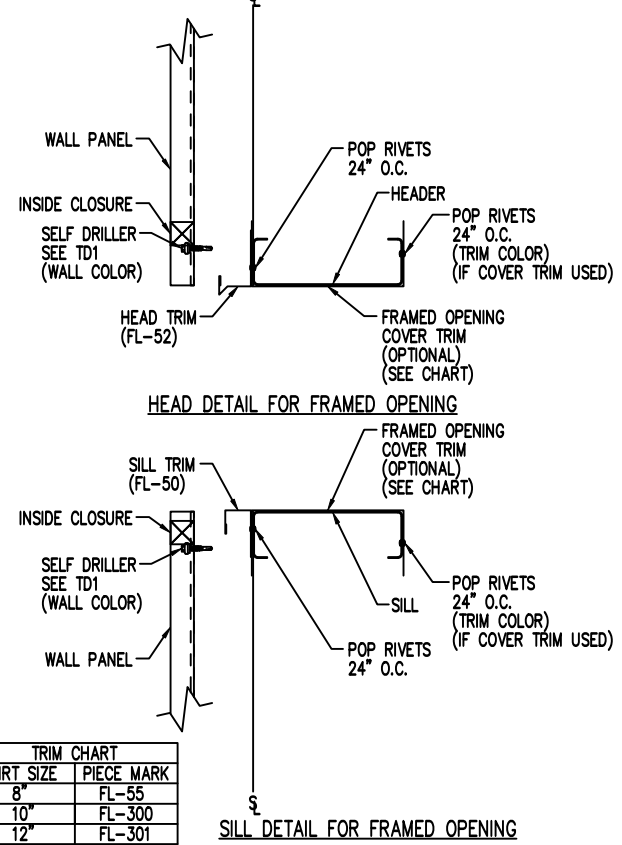
DRAWING NO. TD40



TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301

Framed Opening Jamb Detail - PBR

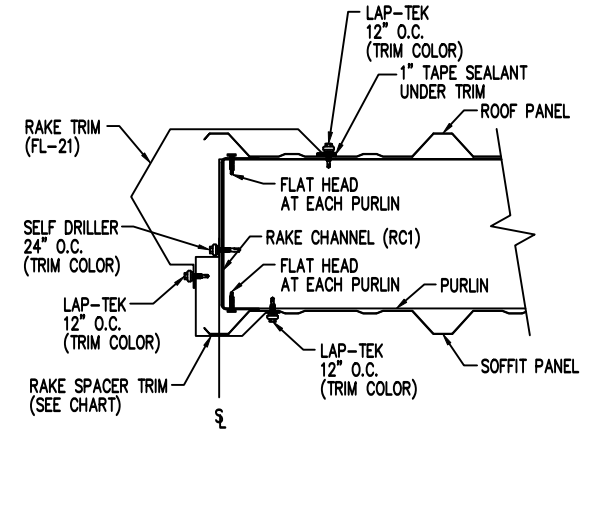
DRAWING NO. TD51



TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301

Framed Opening Head and Sill Details - PBR

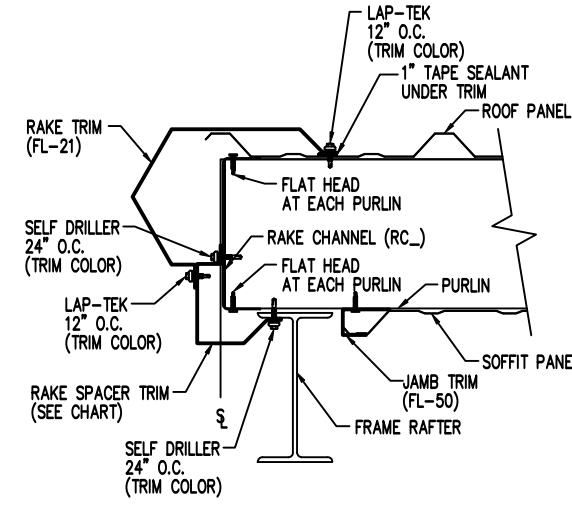
DRAWING NO. TD52



TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-79
10"	FL-367
12"	FL-368

Rake Detail - PBR
Sculptured Rake - Open Wall - With Soffit

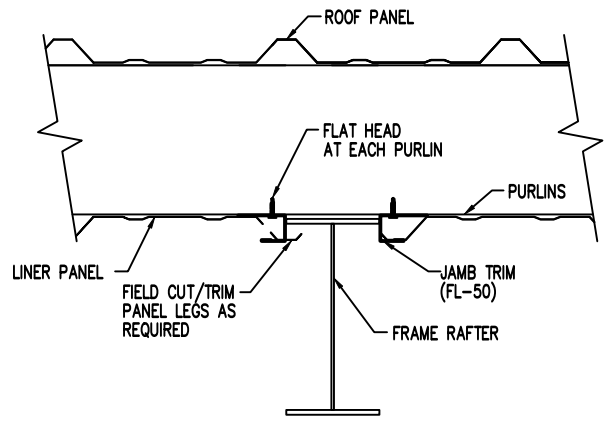
DRAWING NO. TD64



TRIM CHART	
PURLIN SIZE	PIECE MARK
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10"	FL-367
12"	FL-368

Rake Detail - PBR
Sculptured Rake - Open Wall - With Soffit

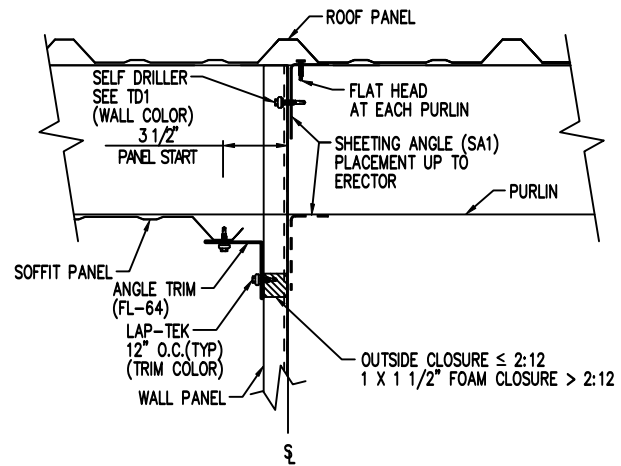
DRAWING NO. TD65



NOTE: FIELD NOTCH WALL PANEL AROUND PURLINS AND EAVE STRUTS
NOTE: FIELD SLOPE CUT WALL PANELS AS REQUIRED FOR ROOF SLOPE

Liner Panel at Frame Rafter - PBR

DRAWING NO. TD66



NOTE: FIELD NOTCH WALL PANEL AROUND PURLINS AND EAVE STRUTS
NOTE: FIELD SLOPE CUT WALL PANELS AS REQUIRED FOR ROOF SLOPE

Rake Extension Detail at Building Line - PBR
Sheeted Wall - With Soffit

DRAWING NO. TD70

DATE	DWN.	CHK.	ENG.
10/17/23	MEZ	MEZ	RTS
10/17/23	AA	CAF	RTS
10/20/23	JMM	JMM	RTS

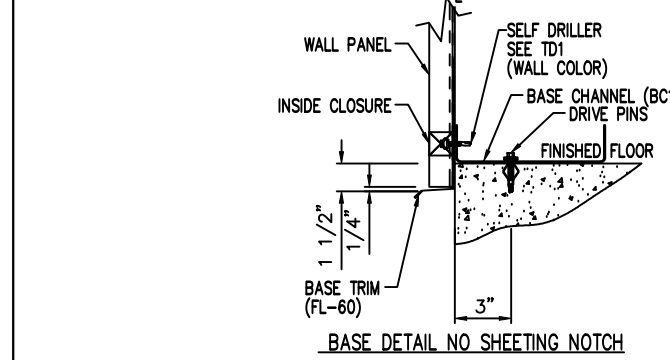
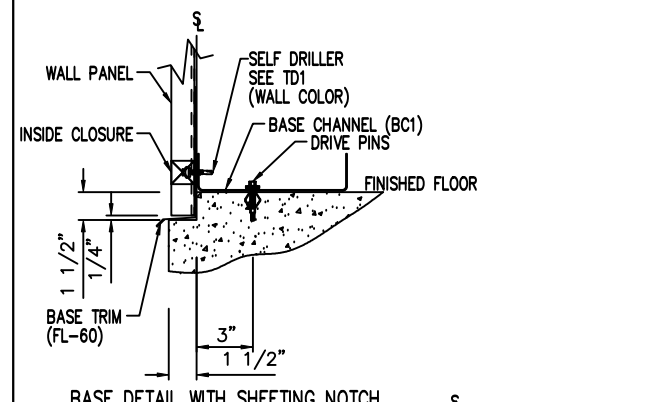
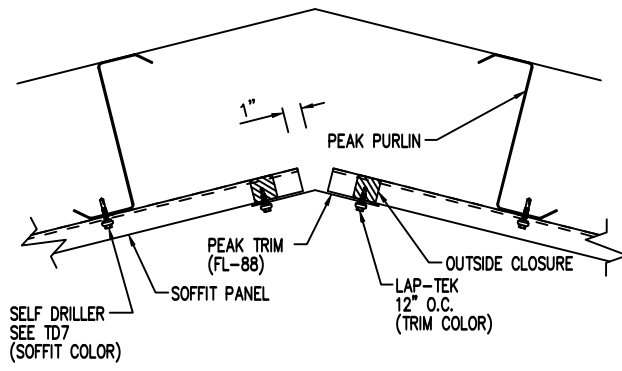


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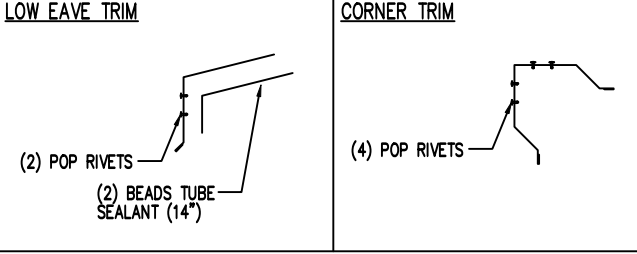
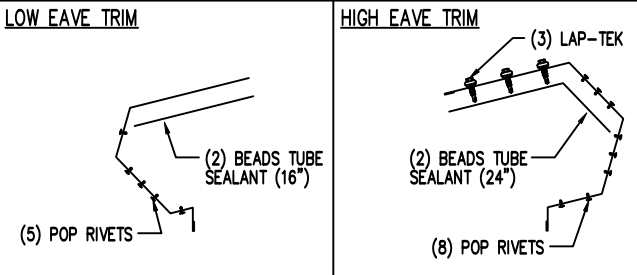
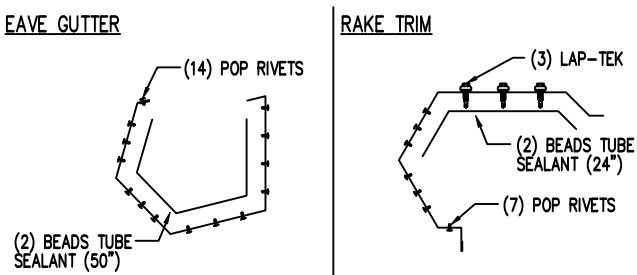
CUSTOMER NAME:	N.T.S.
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PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
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SHEET NUMBER:	19 OF 21
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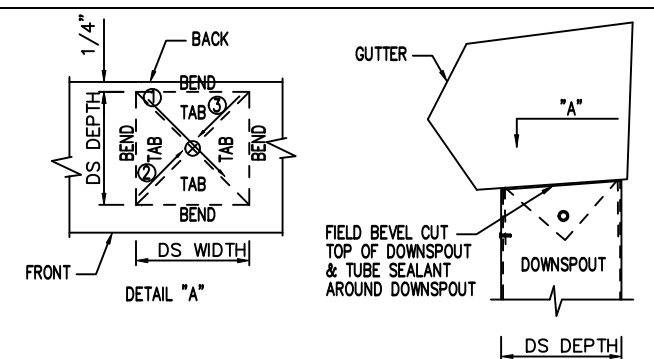
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NOTE: IF INSULATION IS REQUIRED INSTALL TRIM FIRST.
 NOTE: A MINIMUM OF 1/4" SPACE SHOULD BE ALLOWED FROM THE SHEET END TO ANY SURFACE
 NOTE: USE POWER DRIVEN FASTENERS SUCH AS RAMSET (OR EQUAL), 0.140" STRAIGHT SHANK W 1 1/4" PENETRATION AND MIN. ALLOWABLE SHEAR OF 220# (2'-0" O.C.) (NOT BY G.W.B.)



NOTE: TRIM PROFILES MAY VARY; 2" MIN. LAP UNLESS NOTED
 NOTE: TUBE SEALANT (NOT BY G.W.B.)



- STEP 1 REFER TO THE BUILDING ERECTIO DRAWINGS FOR THE LOCATION AN SPACING OF THE DOWNSPOUTS.
- STEP 2 LOCATE ALL DOWNSPOUTS OVER A MAJOR PANEL RIB IF POSSIBLE.
- STEP 3 MAKE A CARBOARD TEMPLATE OF THE DOWNSPOUT SHAPE. PLACE THE TEMPLATE ON THE BOTTOM OF THE GUTTER AND TRACE THE OUTLINE. REMOVE THE TEMPLATE AND DRAW A LINE FROM CORNER TO CORNER, FORMING AN "X" PATTERN.
- STEP 4 DRILL A HOLE AT THE CENTER OF THE "X". USING TIN SNIPS, CUT ALONG THE LINES OF THE "X" ONLY. DO NOT CUT ALONG THE OUTSIDE LINES OF THE DOWNSPOUT SQUARE.
- STEP 5 BEND EACH TRIANGULAR TAB DOWN TOWARD THE GROUND, 90° TO THE BOTTOM OF THE GUTTER.
- STEP 6 POSITION THE TOP OF THE DOWNSPOUT UNDER THE GUTTER. MAKE SURE ALL FOUR GUTTER TABS ARE ON THE INSIDE OF THE DOWNSPOUT.
- STEP 7 INSTALL POP RIVETS THROUGH THE DOWNSPOUT INTO THE GUTTER TAB. ONLY THE TWO SIDES AND THE FRONT OF THE DOWNSPOUT WILL RECEIVE POP RIVETS.

DATE	DWN.	CHK.	ENG.
10/17/23	MEZ	MEZ	RTS
ISSUE	APPROVAL	PERMIT	ERECTION
10/17/23	AA	CAF	RTS
10/20/23	JMM	JMM	RTS

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Flat Ridge Detail - PBR
 With Soffit

DRAWING NO.
 TD72

Base Channel w/Trim Details

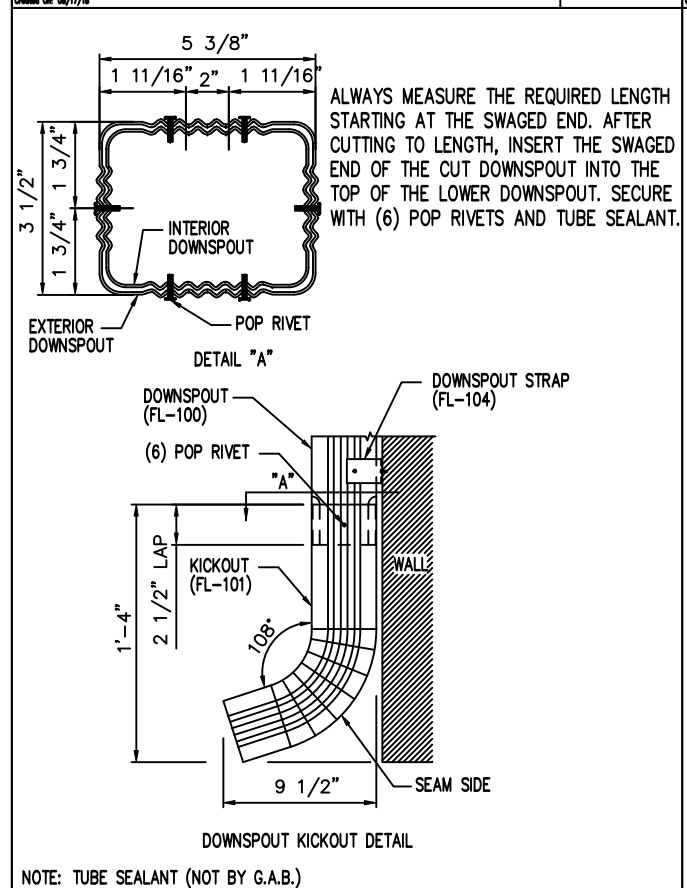
DRAWING NO.
 TD75

Trim Laps - PBR Sculptured

DRAWING NO.
 TD85

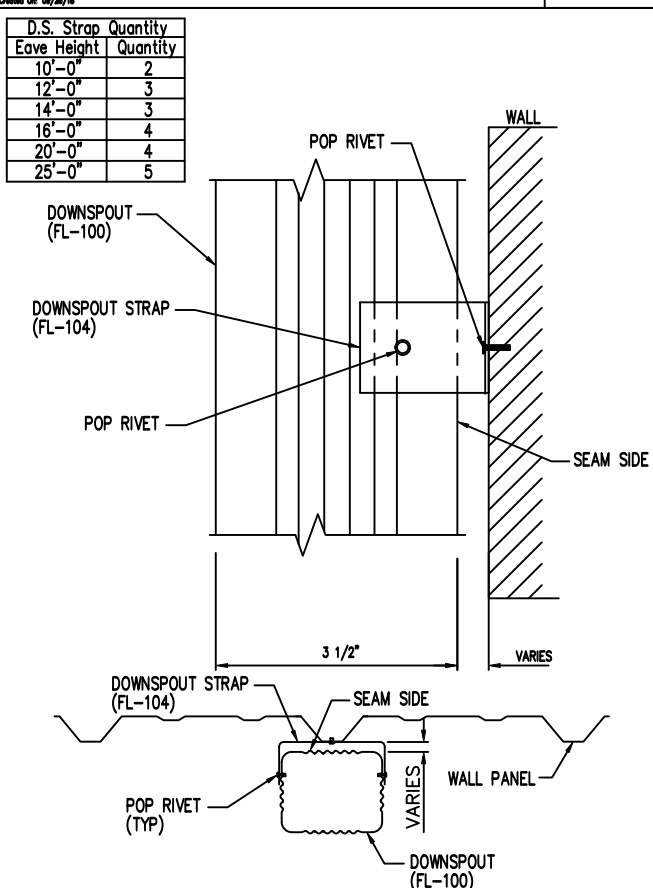
Downspout to Gutter Attachment Detail

DRAWING NO.
 TD95



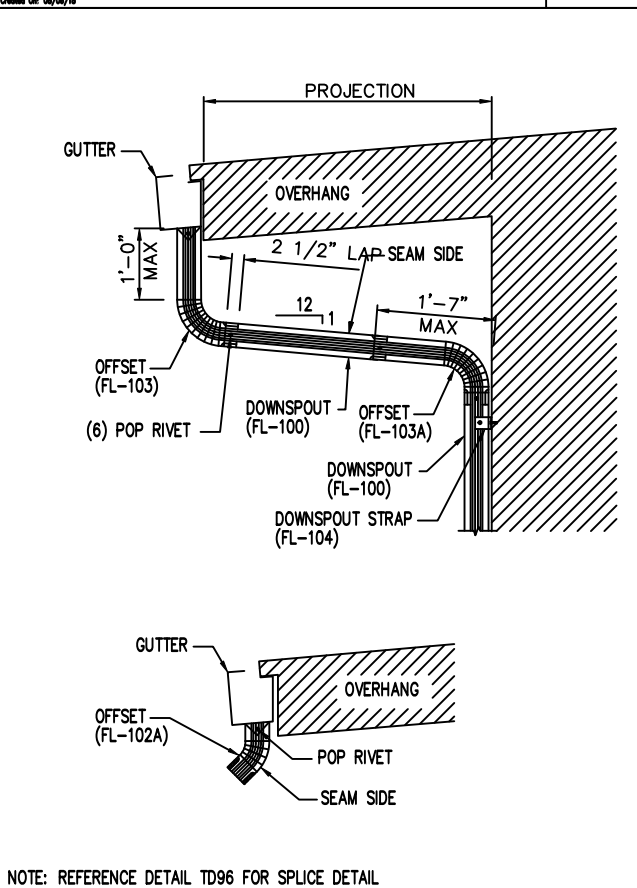
Downspout Kickout and Splice Detail
 3 1/2" x 5 3/8" Roll-Form

DRAWING NO.
 TD96



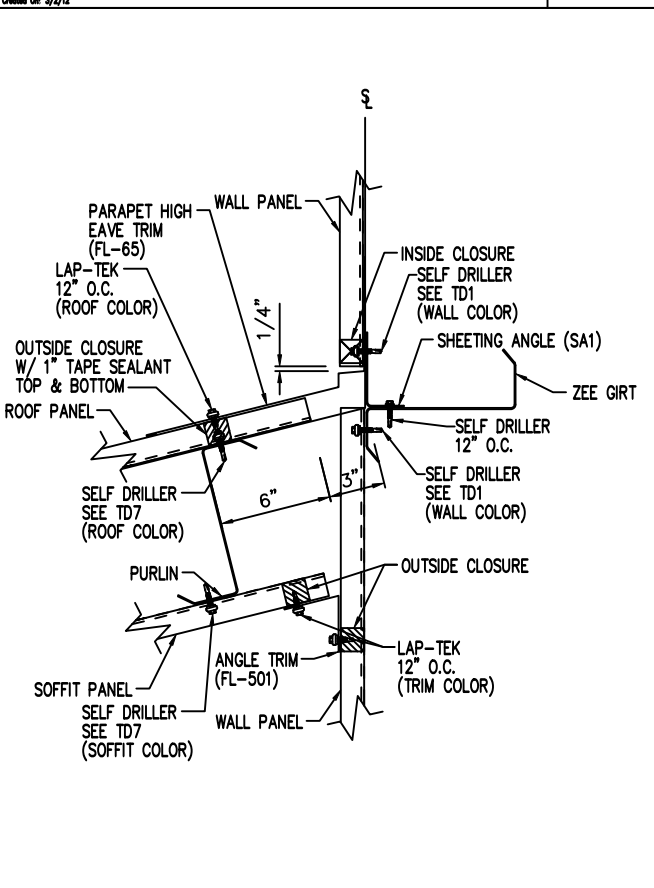
Downspout Strap Attachment Detail
 3 1/2" x 5 3/8" Roll-Form

DRAWING NO.
 TD97



Eave Canopy Downspout Detail

DRAWING NO.
 TD99

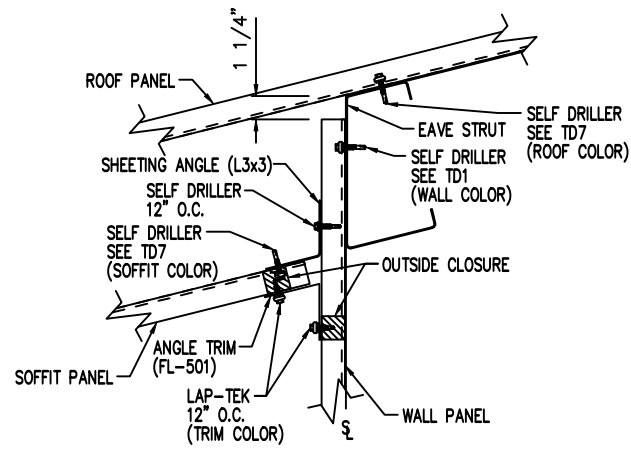


High Eave Parapet Detail - PBR
 Sheeted Wall - With Soffit

DRAWING NO.
 TD208

CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	20 OF 21
JOB NUMBER:	94475
SHEET TITLE:	DETAIL DRAWINGS

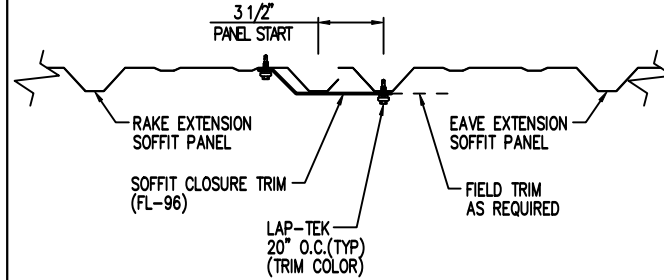
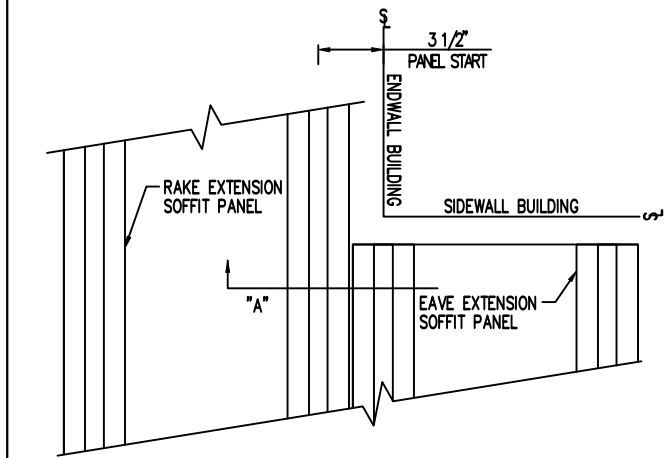
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Low Eave Extension Detail at Building Line - PBR
Flat Eave - Sheeted Wall - With Soffit

DRAWING NO.
TD236

Created On: 08/09/19

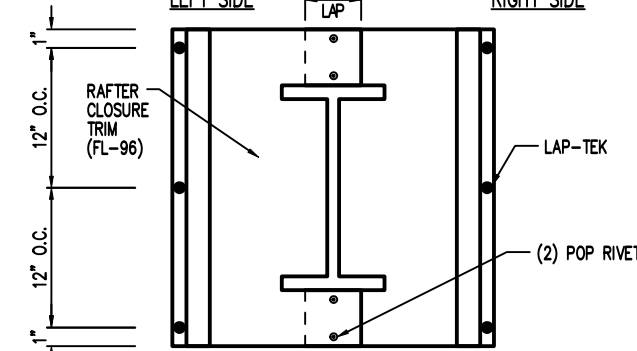
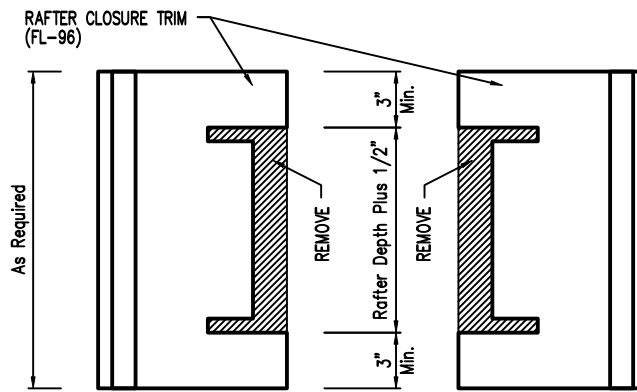


Eave & Rake Extension Corner Detail - PBR

Created On: 03/09/23

DRAWING NO.
TD245

Created On: 08/19/19



Wall Closure Detail at Rafter

Created On: 08/19/19

DRAWING NO.
TD250

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/10/23	MEZ	MEZ	RTS
PERMIT	06/14/23	AA	CAF	RTS
ERECTION	10/20/23	JMM	JMM	RTS

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PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	21 OF 21
JOB NUMBER:	94475
SHEET TITLE:	DETAIL DRAWINGS

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