

# GREAT WESTERN BUILDINGS

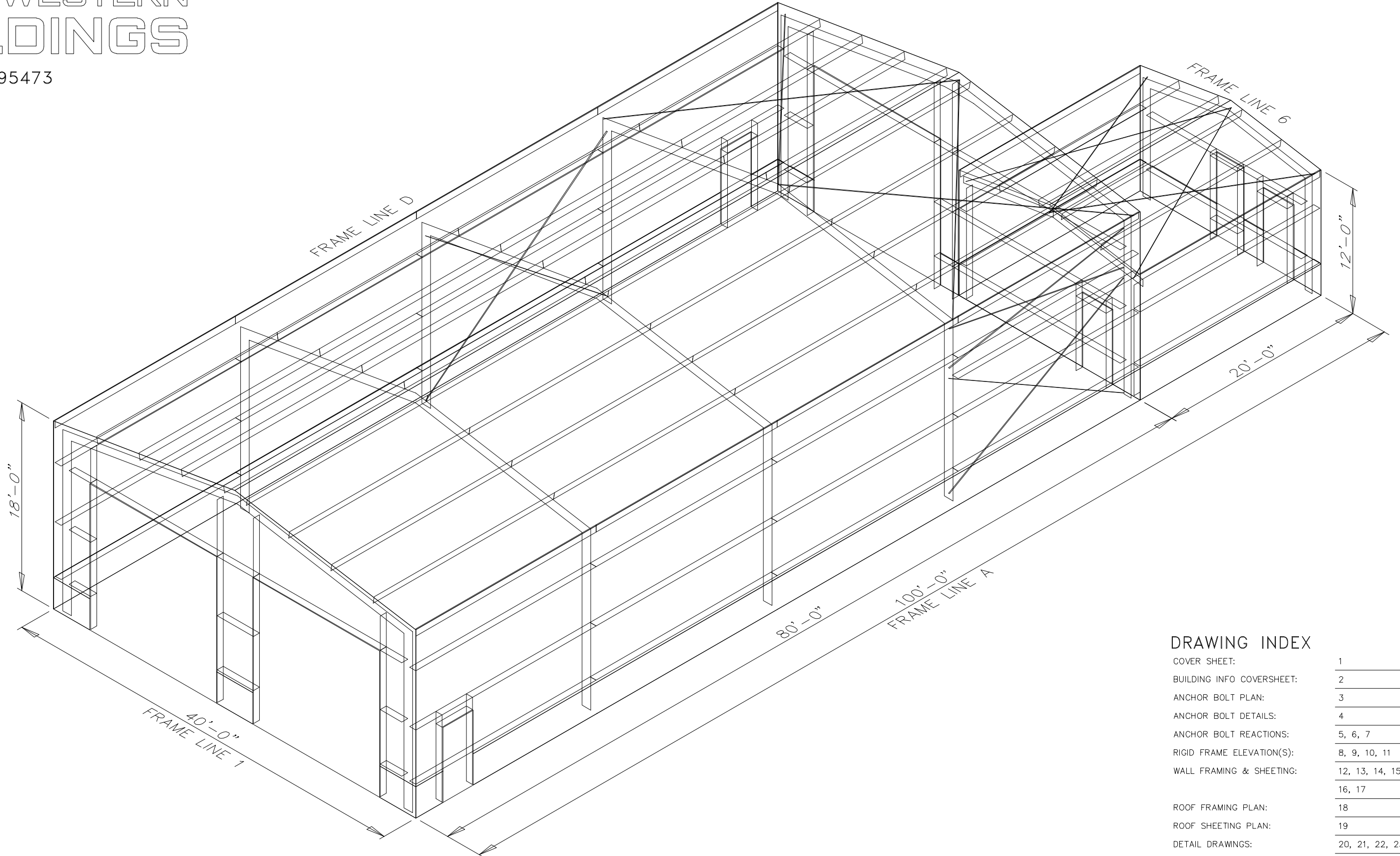
JOB NUMBER: 95473

PROJECT NAME:

PROJECT LOCATION:

PROJECT LOCATION:

PROJECT COUNTY:



## DRAWING INDEX

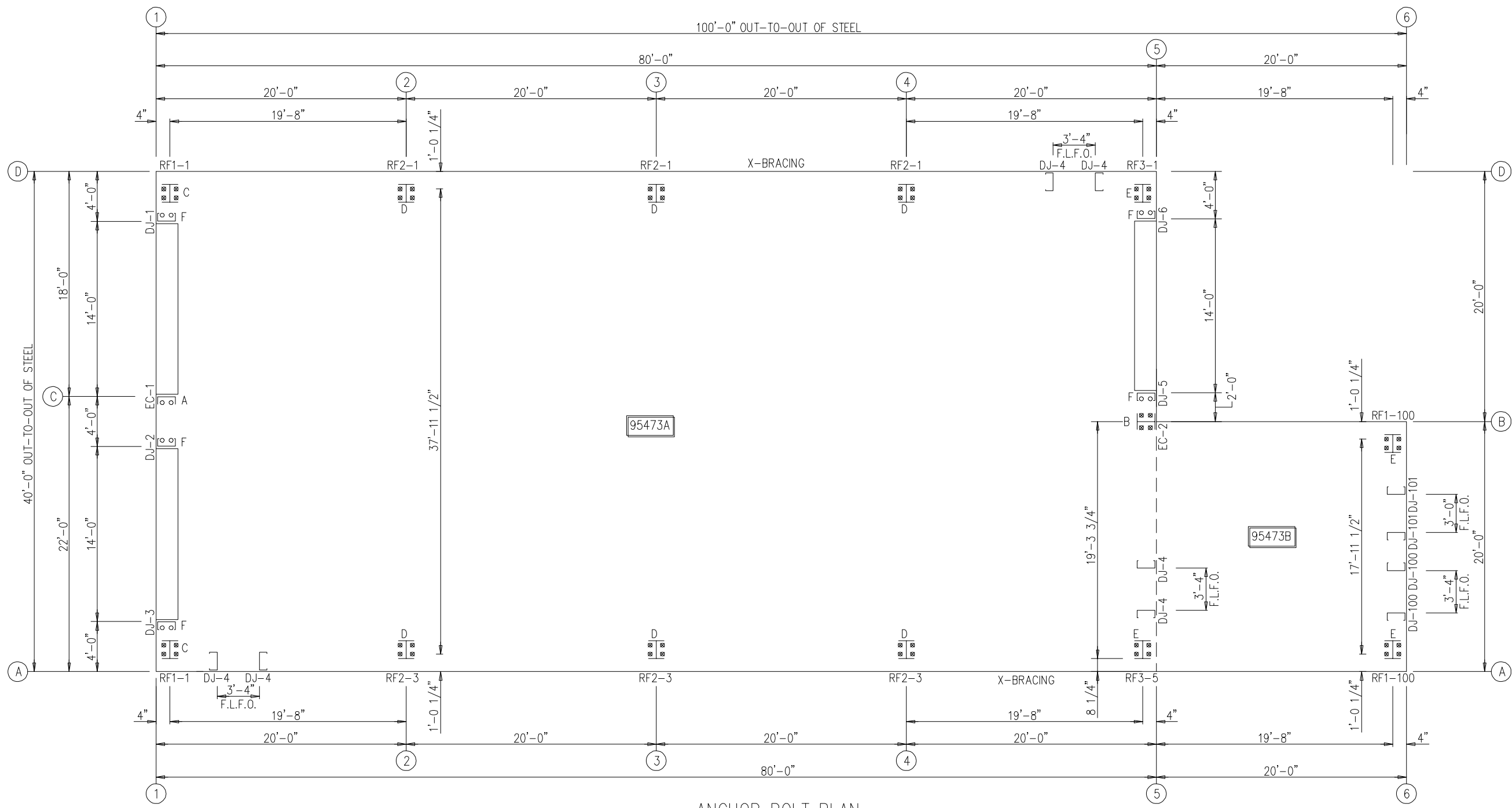
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ANCHOR BOLT SUMMARY

QTY	LOCATE	DIA (in)	TYPE
○ 10	JAMB	5/8"	A307
○ 2	ENDWALL	5/8"	A307
⊗ 4	ENDWALL	3/4"	A307
⊗ 48	FRAME	3/4"	A307

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	08/29/25	MEZ	MEZ	RTS
PERMIT	08/16/25	CAF	CAF	RTS
ERECTION	09/23/25	JMH	JMH	RTS

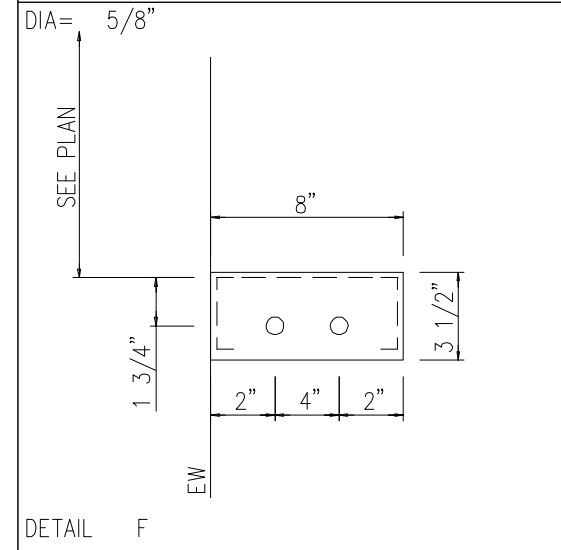
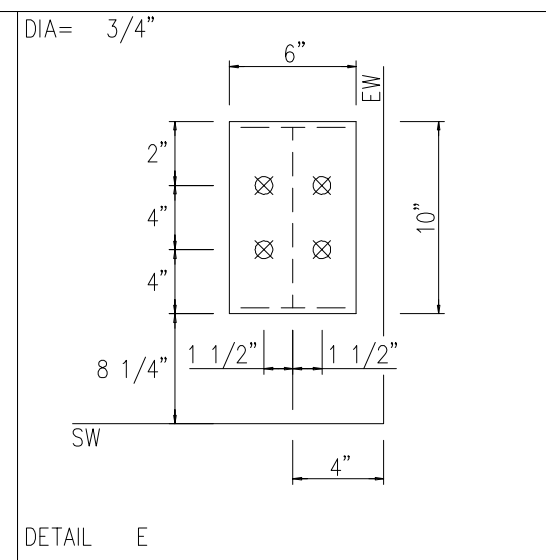
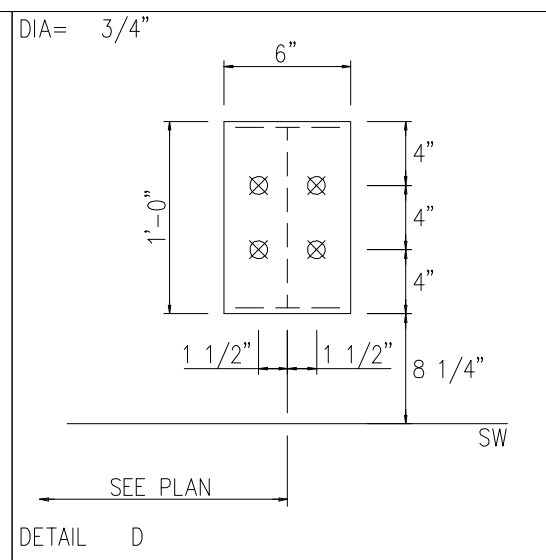
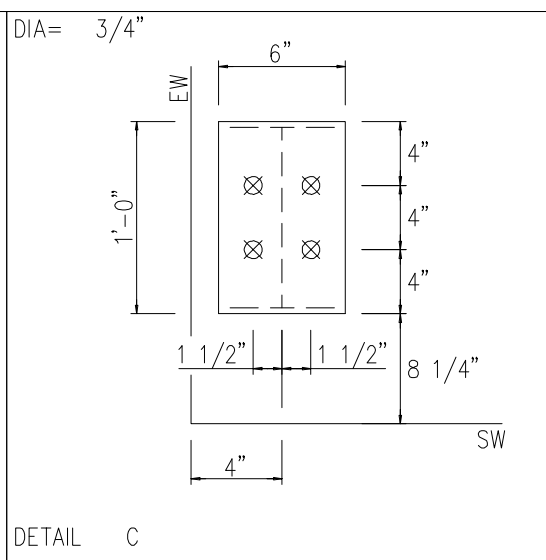
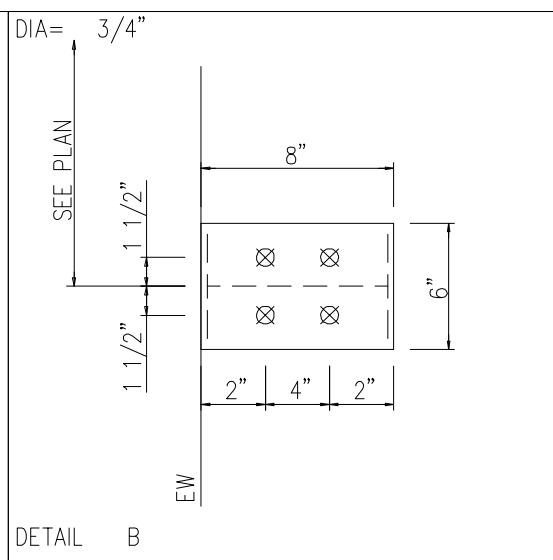
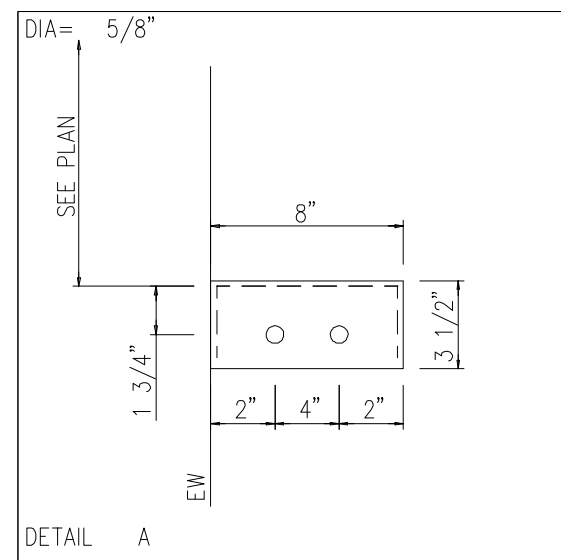


ANCHOR BOLT PLAN  
 NOTE: ALL BASE PLATES @ 100'-0" (U.N.)  
 F.L.F.O. = Field Located Framed Opening

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

CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	3 OF 25
JOB NUMBER:	95473
SHEET TITLE:	ANCHOR BOLT PLAN

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ENG.	CHK.	DATE	DWN.	MEZ	RTS
		08/29/25	MEZ	CAF	RTS
		09/16/25	CAF	JMH	RTS
		09/23/25	JMH		

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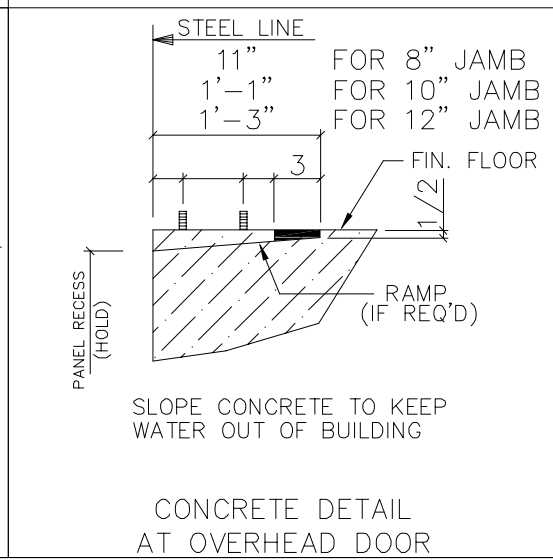
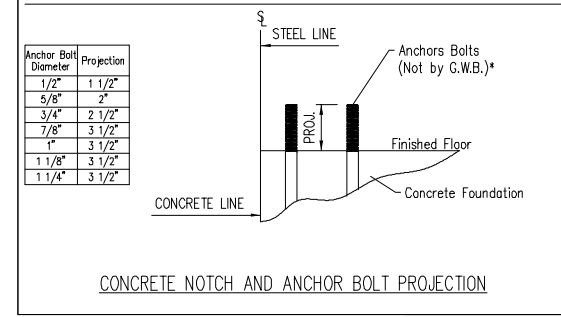
CUSTOMER NAME:	
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PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	4 OF 25
JOB NUMBER:	95473
SHEET TITLE:	ANCHOR BOLT DETAILS

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.

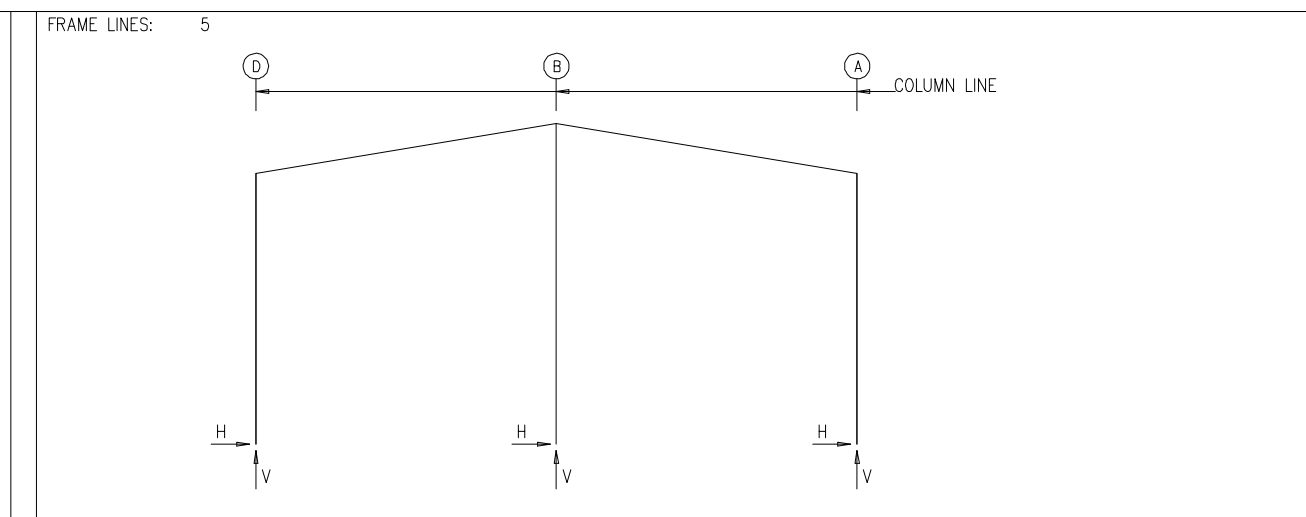
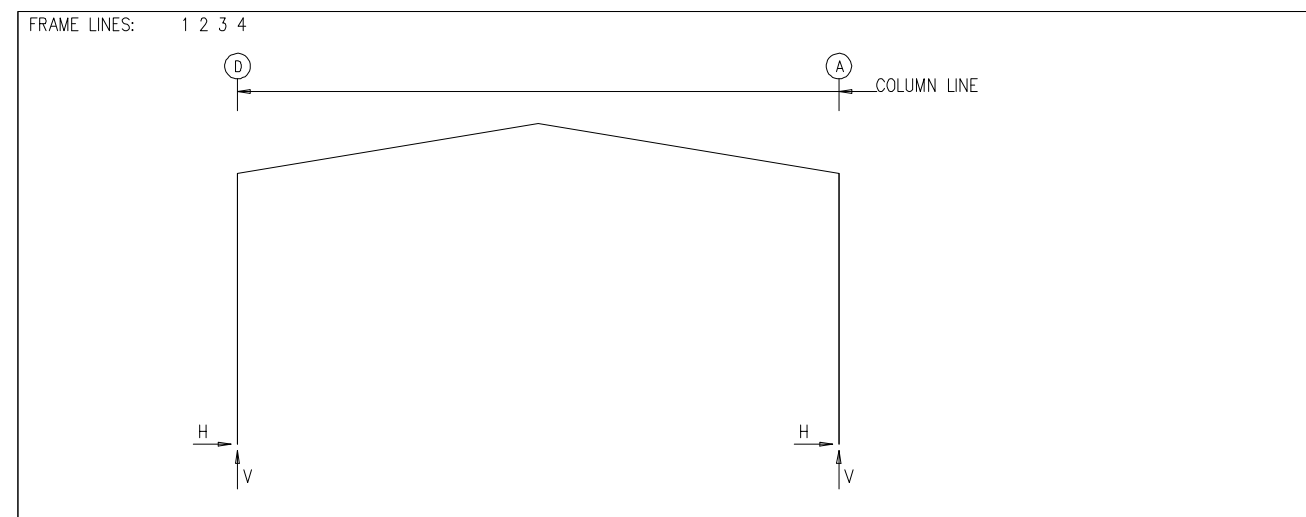
ANCHOR BOLT DIAMETERS HAVE BEEN DESIGNED BY THE METAL BUILDING ENGINEER BASED ON AISC METHOD WITH COMBINED SHEAR AND TENSION.

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.



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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
1	D	6	1.5	3.1	12	-1.5	-1.1	4	0.750	6.000	12.00	0.375	0.0
		1	1.4	5.2	10	-1.2	-2.1						
1	A	13	1.5	-1.1	5	-1.5	3.1	4	0.750	6.000	12.00	0.375	0.0
		1	-1.4	5.2	11	1.2	-2.1						

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
5	D	4	1.8	0.9	12	-1.6	-1.0	4	0.750	6.000	10.00	0.375	0.0
		7	1.1	2.7	10	-1.3	-1.8						
5	A	13	1.9	-2.0	3	-1.5	-0.2	4	0.750	6.000	10.00	0.375	0.0
		2	0.0	5.9	15	-0.7	-4.1						
5	B	9	2.6	-3.7	8	-2.3	-2.9	4	0.750	6.000	8.000	0.375	0.0
		2	0.0	8.3	10	-0.2	-2.5						

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
2*	D	6	2.9	5.7	12	-2.8	-2.4	4	0.750	6.000	12.00	0.375	0.0
		1	2.6	9.8	14	0.8	-5.0						
2*	A	13	2.8	-2.4	5	-2.9	5.7	4	0.750	6.000	12.00	0.375	0.0
		1	-2.6	9.8	15	-0.8	-5.3						
2*	FRAME lines: 2 3 4												

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Vert
1	C	0.2	-3.9	4.3	0.0

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
1	C	16	2.6	0.1	17	-2.3	0.1	2	0.625	3.500	8.000	0.250	0.0
		18	2.6	0.2									

- NOTES FOR REACTIONS
- Building reactions are based on the following building data:
- Width (ft) = 40.0
  - Length (ft) = 80.0
  - Eave Height (ft) = 18.0/18.0
  - Roof Slope (rise/12) = 2.0:12/2.0:12
  - Dead Load (psf) = 2.00
  - Collateral Load (psf) = 1.00
  - Live Load (psf) = 20.00
  - Snow Load (psf) = 15.00
  - Wind Speed (mph) = 115.00
  - Wind Code = IBC-18
  - Exposure = C
  - Closed/Open = Enclosed
  - Importance Wind = 1.00
  - Importance Seismic = 1.00
  - Seismic Zone = A
  - Seismic Coeff (Fa\*Ss) = 0.13
- | ID | Description  |
|----|--|
| 1  | Dead+Collateral+Live                                   |
| 2  | Dead+Collateral+Snow+Snow_Drift                        |
| 3  | Dead+0.6Wind_Left1                                     |
| 4  | Dead+0.6Wind_Right1                                    |
| 5  | Dead+Collateral+0.75Live+0.45Wind_Left1                |
| 6  | Dead+Collateral+0.75Live+0.45Wind_Right1               |
| 7  | Dead+Collateral+0.75Live+0.45Wind_Right2               |
| 8  | Dead+Collateral+0.75Live+0.45Wind_Long2L               |
| 9  | Dead+Collateral+0.75Snow+0.45Wind_Left1+0.75Slide_Snow |
| 10 | 0.6Dead+0.6Wind_Left1                                  |
| 11 | 0.6Dead+0.6Wind_Right1                                 |
| 12 | 0.6Dead+0.6Wind_Left2                                  |
| 13 | 0.6Dead+0.6Wind_Right2                                 |
| 14 | 0.6Dead+0.6Wind_Long1L                                 |
| 15 | 0.6Dead+0.6Wind_Long2L                                 |
| 16 | 0.6Dead+0.6Wind_Right2+0.6Wind_Suction                 |
| 17 | 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L                |
| 18 | Dead+0.6Wind_Right2+0.6Wind_Suction                    |
| 19 | 0.6Dead+0.6Wind_Right1+0.6Wind_Suction                 |
| 20 | 0.6Dead+0.6Wind_Left1+0.6Wind_Suction                  |

ANCHOR BOLT SUMMARY

QTY	LOCATE	DIA (in)	TYPE
10	JAMB	5/8"	A307
2	ENDWALL	5/8"	A307
4	ENDWALL	3/4"	A307
40	FRAME	3/4"	A307

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW		1							(h)
F_SW	A	4,5	4.1	3.2	0.3	0.2			(h)
R_EW		5							
B_SW	D	4,3	3.4	2.8	0.3	0.2			

(h)Rigid frame at endwall

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

ENG.	CHK.	DATE	DWN.	ISSUE
RTS	MEZ	08/29/25	MEZ	APPROVAL
RTS	CAF	09/16/25	CAF	PERMIT
RTS	JMH	09/23/25	JMH	ERECTION

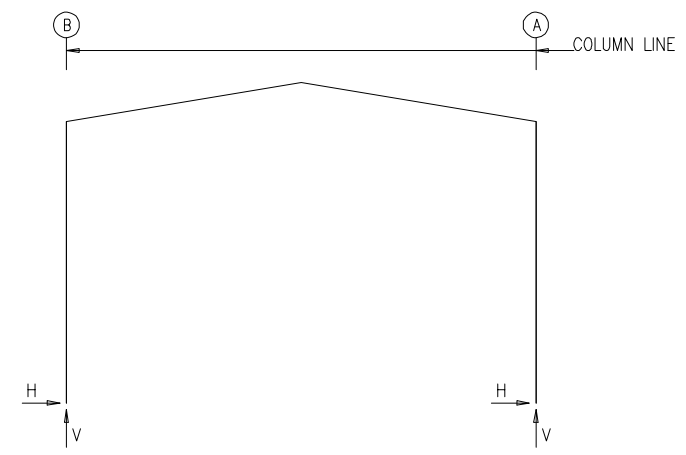
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PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	5 OF 25
JOB NUMBER:	95473
SHEET TITLE:	ANCHOR BOLT REACTIONS FOR 95473A

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RIGID FRAME: BASIC COLUMN REACTIONS (k )

FRAME Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Snow_Drift Horz	Snow_Drift Vert	Wind_Left1 Horz	Wind_Left1 Vert
6	B	0.1	0.4	0.0	0.1	0.4	2.0	0.3	1.5	0.1	0.4	-1.2	-2.5
6	A	-0.1	0.4	0.0	0.1	-0.4	2.0	-0.3	1.5	-0.1	0.4	-0.9	-0.8

FRAME Line	Column Line	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert
6	B	0.9	-0.8	-1.5	-1.7	0.6	0.0	0.6	-2.3	0.4	-2.1	0.0	0.0
6	A	1.2	-2.5	-0.6	0.0	1.5	-1.7	-0.4	-2.1	-0.6	-2.3	0.0	0.0

FRAME Line	Column Line	Seismic_Right Horz	Seismic_Right Vert	Seismic_Long1 Horz	Seismic_Long1 Vert	Seismic_Long2 Horz	Seismic_Long2 Vert	MIN_SNOW Horz	MIN_SNOW Vert	F1UNB_SL_L Horz	F1UNB_SL_L Vert	F1UNB_SL_R Horz	F1UNB_SL_R Vert
6	B	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.2	1.6	0.2	0.9
6	A	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	1.5	-0.2	0.9	-0.2	1.6

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k )

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Snow Drift Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind_Press Horz	Wind_Press Vert
5	B	0.3	0.1	2.0	1.5	1.9	-2.2	-1.7	-1.4	-0.9	-0.6	-0.6
5	A	0.3	0.1	2.0	1.5	1.9	-1.7	-2.2	-0.9	-1.4	-0.6	-0.6

Frm Line	Col Line	Wind_Suct Horz	Wind_Suct Vert	Wind Long1 Vert	Wind Long2 Vert	Seis Left Vert	Seis Right Vert	Seis Long Vert	MIN_SNOW Horz	MIN_SNOW Vert	E1UNB_SL_L Horz	E1UNB_SL_L Vert	E1UNB_SL_R Horz	E1UNB_SL_R Vert
5	B	0.1	0.6	-2.1	-1.6	0.0	0.0	0.0	0.0	1.5	0.0	1.6	0.0	0.9
5	A	0.1	0.6	-1.6	-2.1	0.0	0.0	0.0	0.0	1.5	0.0	0.9	0.0	1.6

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

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
5	B	9	0.0	-0.8	10	-0.4	-1.5	4	0.625	6.000	8.000	0.375	0.0
		2	0.0	3.8									
5	A	11	0.0	-0.8	12	-0.4	-1.5	4	0.625	6.000	12.000	0.375	0.0
		2	0.0	3.8									

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

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
6	B	4	0.8	1.7	7	-0.9	-0.7	4	0.750	6.000	10.00	0.375	0.0
		1	0.4	2.6	5	-0.7	-1.2						
6	A	8	0.9	-0.7	3	-0.8	1.7	4	0.750	6.000	10.00	0.375	0.0
		1	-0.4	2.6	6	0.7	-1.2						

NOTES FOR REACTIONS

- Building reactions are based on the following building data:
- Width (ft) = 20.0
  - Length (ft) = 20.0
  - Eave Height (ft) = 12.0/12.0
  - Roof Slope (rise/12) = 2.0:12/2.0:12
  - Dead Load (psf) = 2.00
  - Collateral Load (psf) = 1.00
  - Live Load (psf) = 20.00
  - Snow Load (psf) = 15.00
  - Wind Speed (mph) = 115.00
  - Wind Code = IBC-18
  - Exposure = C
  - Closed/Open = Enclosed
  - Importance Wind = 1.00
  - Importance Seismic = 1.00
  - Seismic Zone = A
  - Seismic Coeff (Fa\*Ss) = 0.13

ID	Description
1	Dead+Collateral+Live
2	Dead+Collateral+Snow+Snow_Drift
3	Dead+Collateral+0.75Live+0.45Wind_Left1
4	Dead+Collateral+0.75Live+0.45Wind_Right1
5	0.6Dead+0.6Wind_Left1
6	0.6Dead+0.6Wind_Right1
7	0.6Dead+0.6Wind_Left2
8	0.6Dead+0.6Wind_Right2
9	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
10	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
11	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
12	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

ANCHOR BOLT SUMMARY

QTY	LOCATE	DIA (in)	TYPE
8	FRAME	3/4"	A307

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k) Wind Horz	± Reactions(k) Seismic Horz	Panel_Shear (lb/ft) Wind	Panel_Shear (lb/ft) Seis	Note
L_EW	5			115	4	
F_SW	A			1667	476	
R_EW	6					(h)
B_SW	B			1667	476	

(h)Rigid frame at endwall

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

ENG.	CHK.	DATE	ISSUE
RTS	MEZ	08/29/25	APPROVAL
RTS	CAF	09/16/25	PERMIT
RTS	JMH	09/23/25	ERECTION

1101 3RD AVE  
GRAND JUNCTION, CO 81501  
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PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	7 OF 25
JOB NUMBER:	95473
SHEET TITLE:	ANCHOR BOLT REACTIONS FOR 95473B

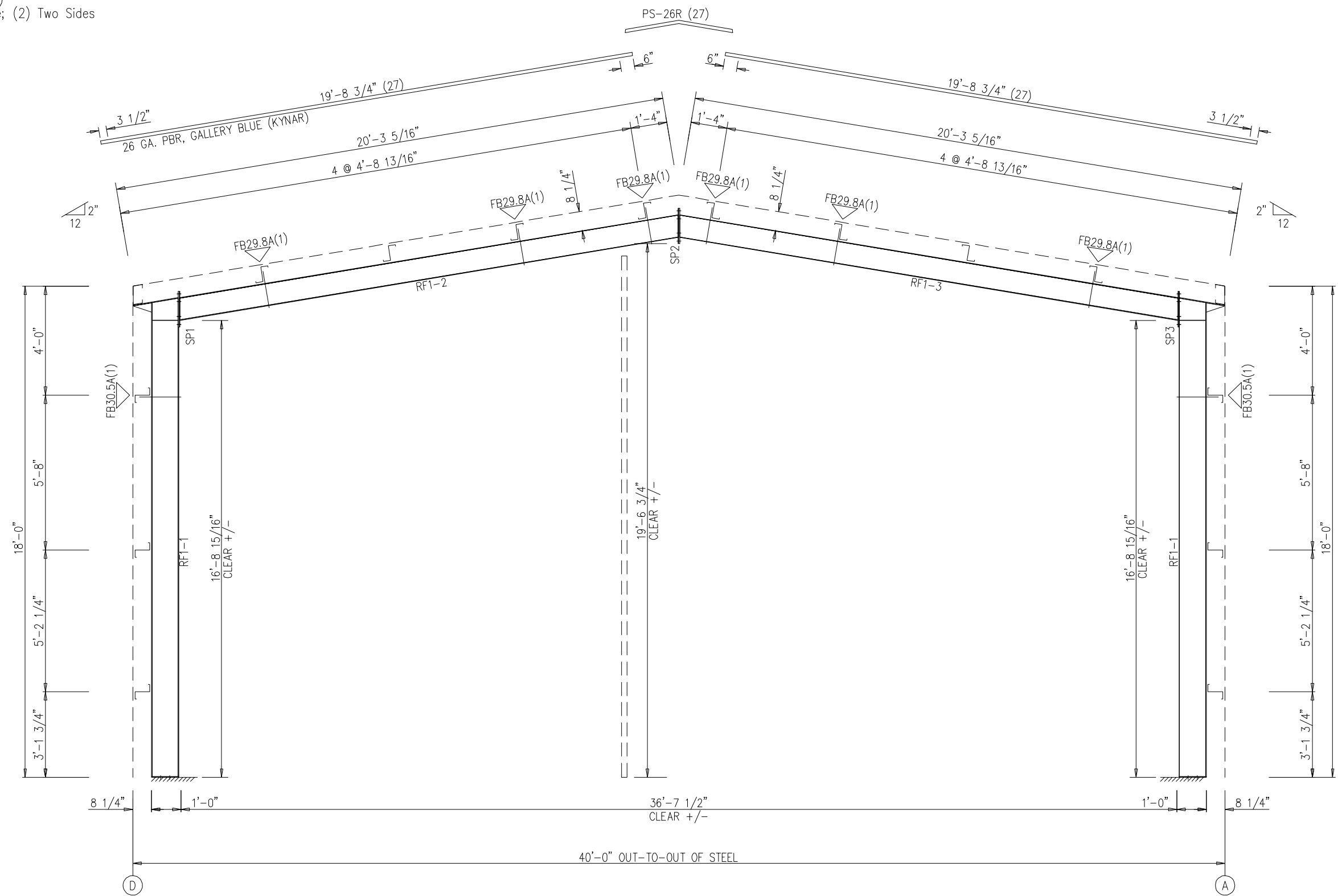
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SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP3	4	4	0	A325	5/8"	1 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W12X16	17'-5"
RF1-2	W10X12	18'-6 11/16"
RF1-3	W10X12	18'-6 11/16"

ISSUE	DATE	DWN.	CHK.	ENG.	RTS		
					MEZ	CAF	JMH
APPROVAL	08/29/25	MEZ	MEZ				
PERMIT	09/16/25	CAF	CAF				
ERECTION	09/23/25	JMH	JMH				

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



RIGID FRAME ELEVATION: FRAME LINE 1



1101 3RD AVE  
 GRAND JUNCTION, CO 81501  
 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:	8 OF 25
JOB NUMBER:	95473
SHEET TITLE:	RIGID FRAME ELEVATION FOR 95473A

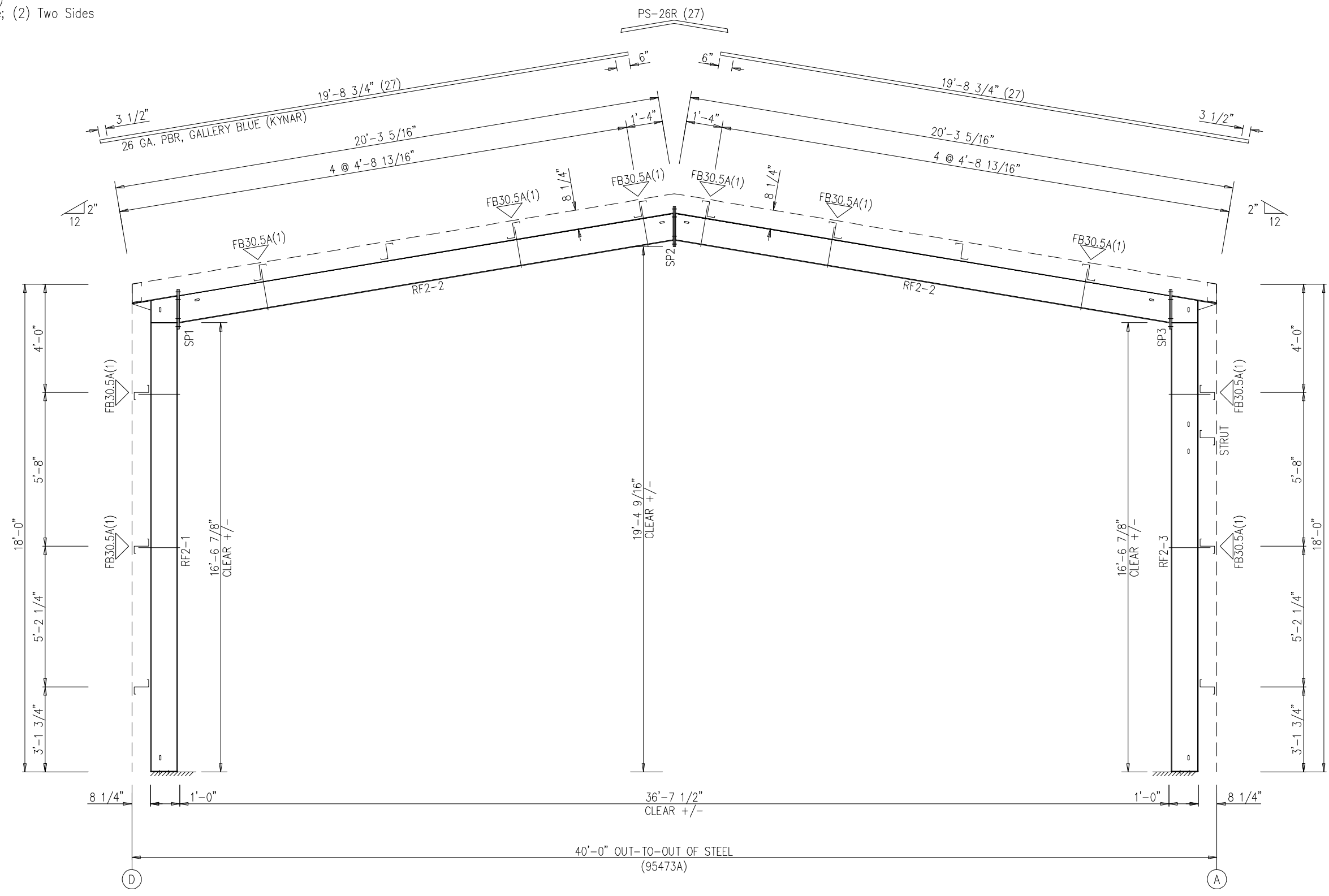
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SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP3	4	4	0	A325	5/8"	2"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF2-1	W12X16	17'-5"
RF2-2	W12X16	18'-6 9/16"
RF2-3	W12X16	17'-5"

ISSUE	DATE	DWN.	CHK.	ENG.	RTS		
					MEZ	CAF	JMH
APPROVAL	08/29/25	MEZ	MEZ				
PERMIT	08/16/25	CAF	CAF				
ERECTION	09/23/25	JMH	JMH				

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



RIGID FRAME ELEVATION: FRAME LINES 2 3 4



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PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	9 OF 25
JOB NUMBER:	95473
SHEET TITLE:	RIGID FRAME ELEVATION FOR 95473A

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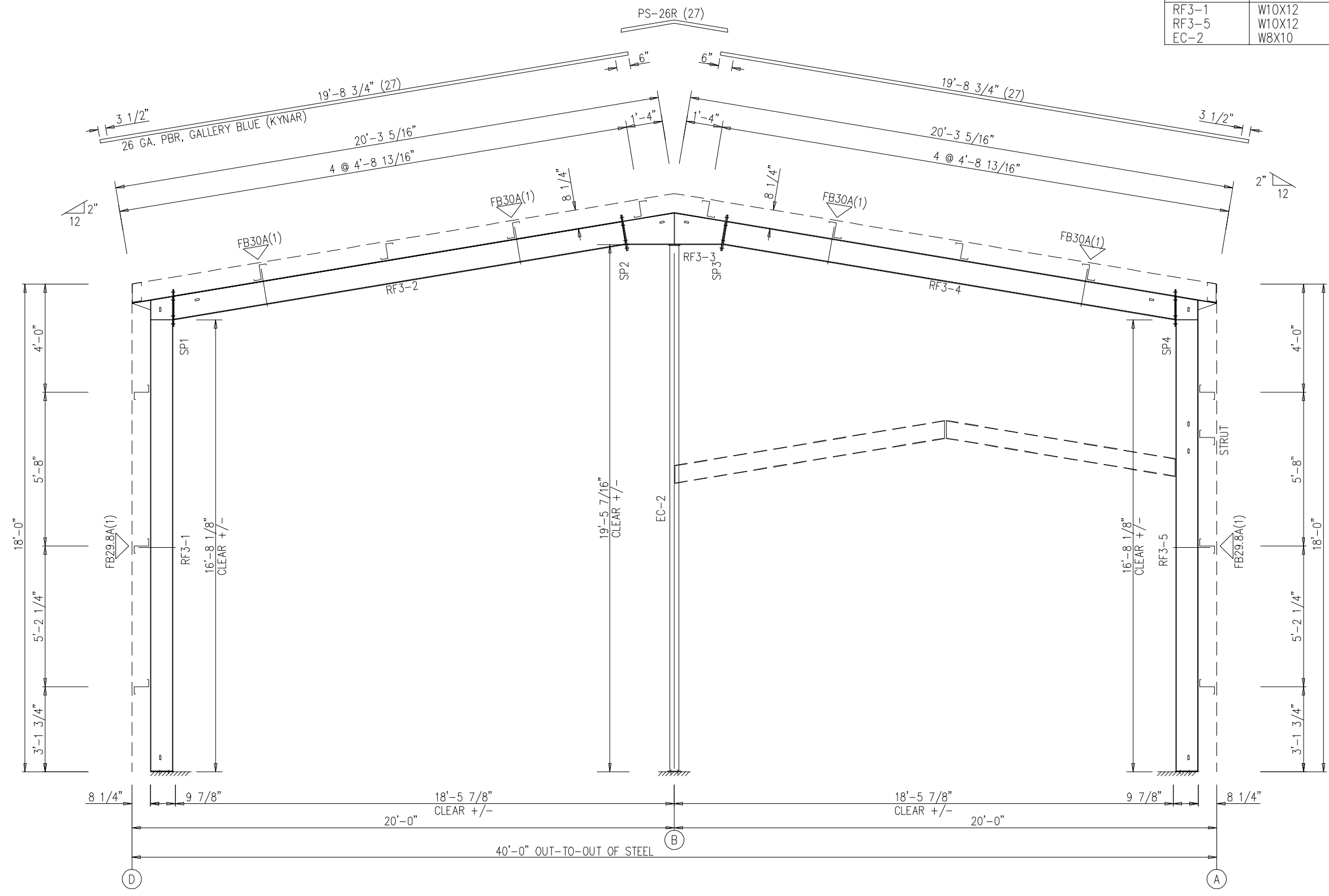
SPLICE BOLT TABLE							CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP4	4	4	0	A325	5/8"	1 3/4"	EC-2	4	A325	5/8"	1 1/2"

Mark	Web Depth		Web Plate		Outside Flange			Inside Flange		
	Start	End	Thick	Length	W	Thk	x Length	W	Thk	x Length
RF3-2	10.0	10.0	0.135	16'-10 7/16"	5	1/4"	x 16'-8 3/4"	5	1/4"	x 16'-10 7/16"
RF3-3	10.1	13.7	0.135	3'-9 1/8"	5	1/4"	x 1'-10 7/8"	5	1/4"	x 3'-5 3/4"
RF3-4	10.0	10.0	0.135	16'-10 7/16"	5	1/4"	x 1'-10 7/8"	5	1/4"	x 16'-8 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF3-1	W10X12	17'-5"
RF3-5	W10X12	17'-5"
EC-2	W8X10	19'-5 7/16"

DATE	ISSUE	ENG.		
		CHK.	RTS	RTS
08/29/25	APPROVAL	MEZ	MEZ	
08/29/25	PERMIT	CAF	CAF	
09/23/25	ERECTION	JMH	JMH	

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



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PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	10 OF 25
JOB NUMBER:	95473
SHEET TITLE:	RIGID FRAME ELEVATION FOR 95473A

RIGID FRAME ELEVATION: FRAME LINE 5

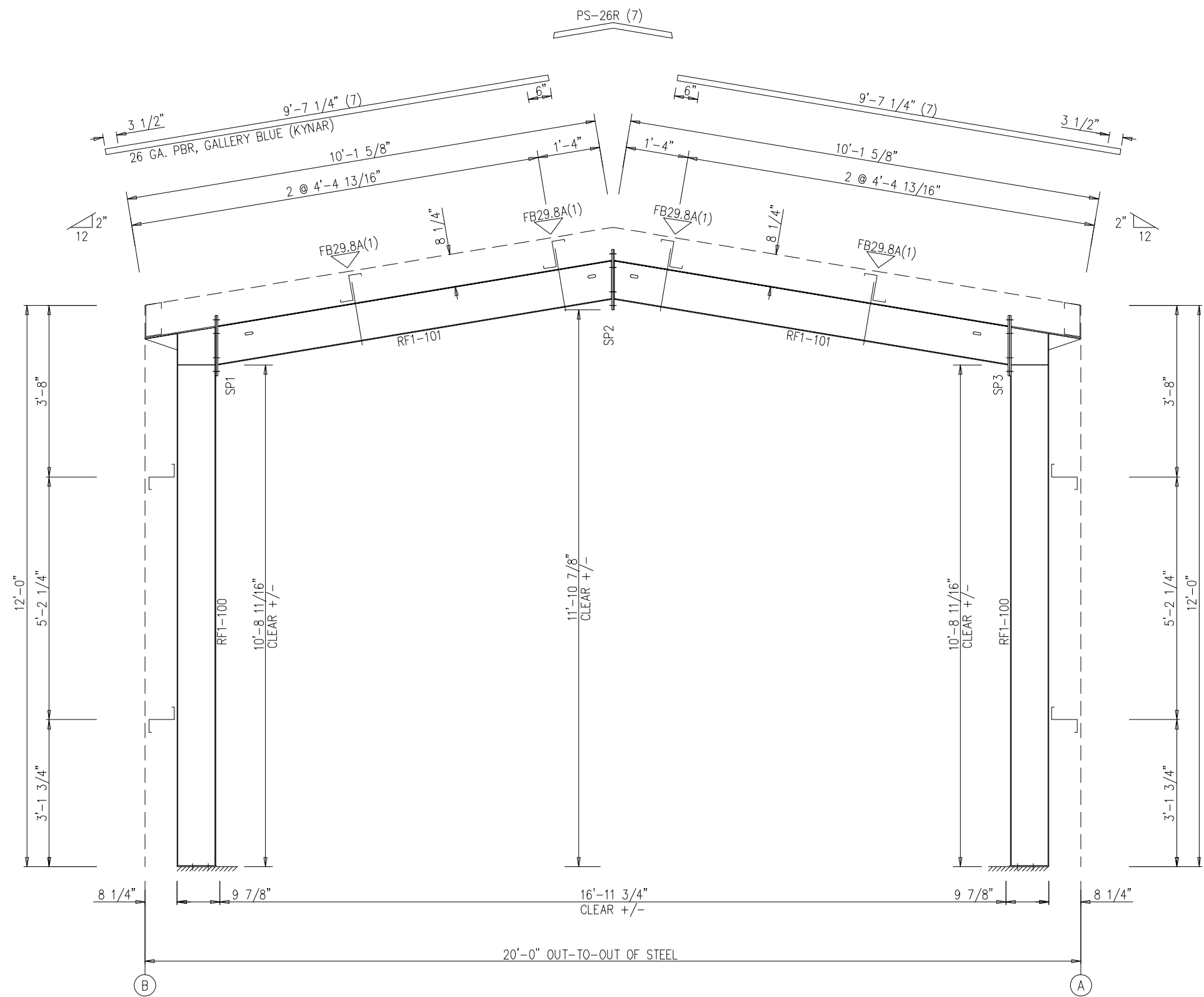
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.

SPlice Bolt Table						
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length
SP3	4	4	0	A325	5/8"	1 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-100	W10X12	11'-5"
RF1-101	W10X12	8'-7 1/8"

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	08/29/25	MEZ	MEZ	RTS
PERMIT	09/16/25	CAF	CAF	RTS
ERECTION	09/23/25	JMH	JMH	RTS

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



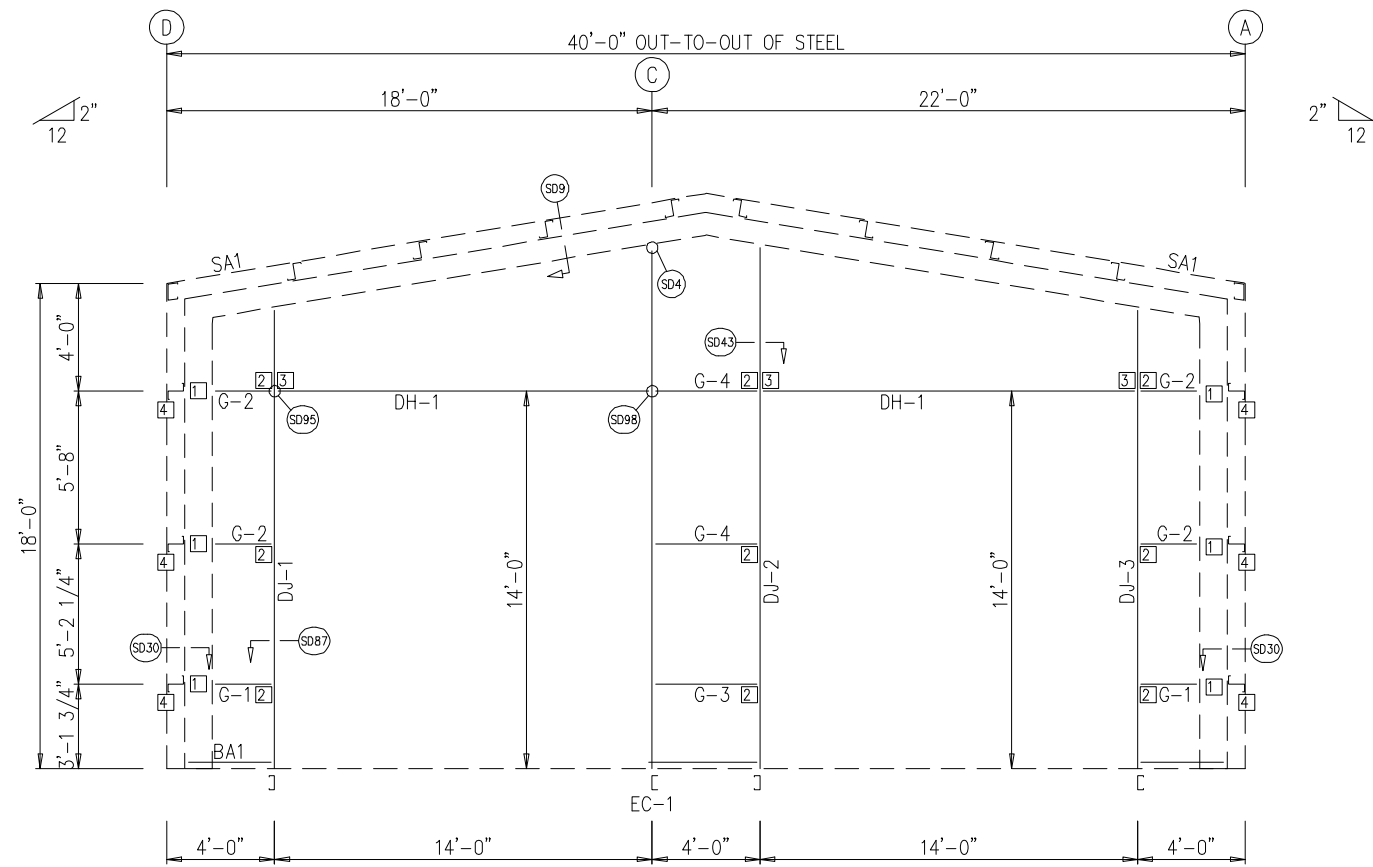
RIGID FRAME ELEVATION: FRAME LINE 6



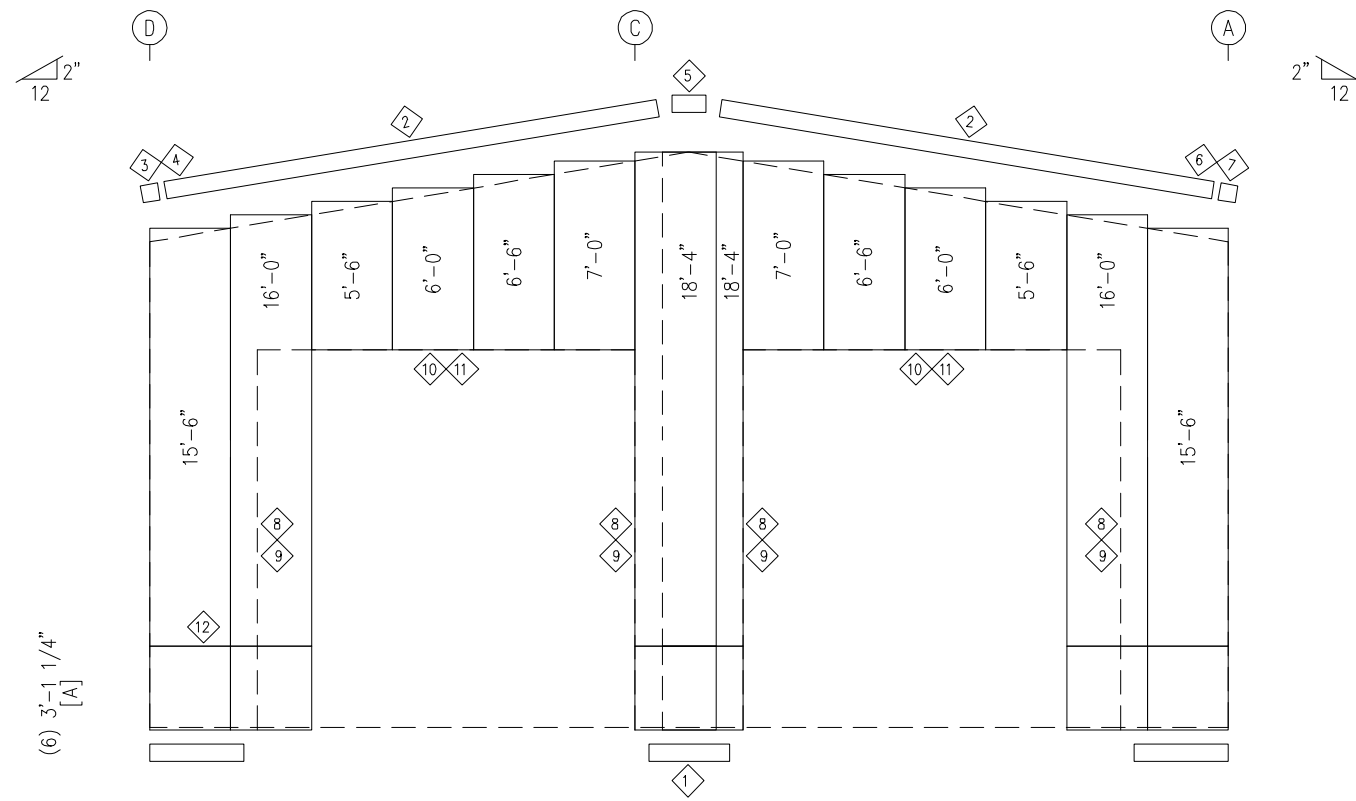
1101 3RD AVE  
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PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	11 OF 25
JOB NUMBER:	95473
SHEET TITLE:	RIGID FRAME ELEVATION FOR 95473B

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ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 GA. PBR - SOLAR WHITE  
 [A] PANELS: 26 GA. PBR - GALLERY BLUE (KYNAR)

TRIM TABLE  
FRAME LINE 1

ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-60	10'-2"	TD74
2	2	FL-21	10'-4"	TD35
3	1	FL-21L	11'-2"	TD85
4	1	FL-328L	9 1/2"	TD13
5	1	FL-23	1'-4"	
6	1	FL-21R	11'-2"	TD85
7	1	FL-328R	9 1/2"	TD13
8	4	FL-55	14'-3"	TD51
9	4	FL-48	14'-2"	TD51
10	2	FL-55	14'-7"	TD52
11	2	FL-52	14'-4"	TD52
12	2	FL-237	10'-2"	TD199

BOLT TABLE  
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
COLUMNS/RAFTER	2	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	EC-1	C8X11.5	19'-4 11/16"
1	DJ-1	8x25C14	17'-0 3/4"
1	DJ-2	8x25C12	19'-4 3/4"
1	DJ-3	8x25C12	17'-0 3/4"
2	DH-1	8x25C16	13'-11 1/2"
2	G-1	8X35Z16	1'-11 7/16"
4	G-2	8X25Z16	1'-11 7/16"
1	G-3	8X35Z16	3'-3 11/16"
2	G-4	8X25Z16	3'-3 11/16"

CONNECTION PLATES  
FRAME LINE 1

ID	QUAN	MARK
1	6	4" ZEE - 11"
2	9	CL-103
3	3	CL-100
4	6	CL-5

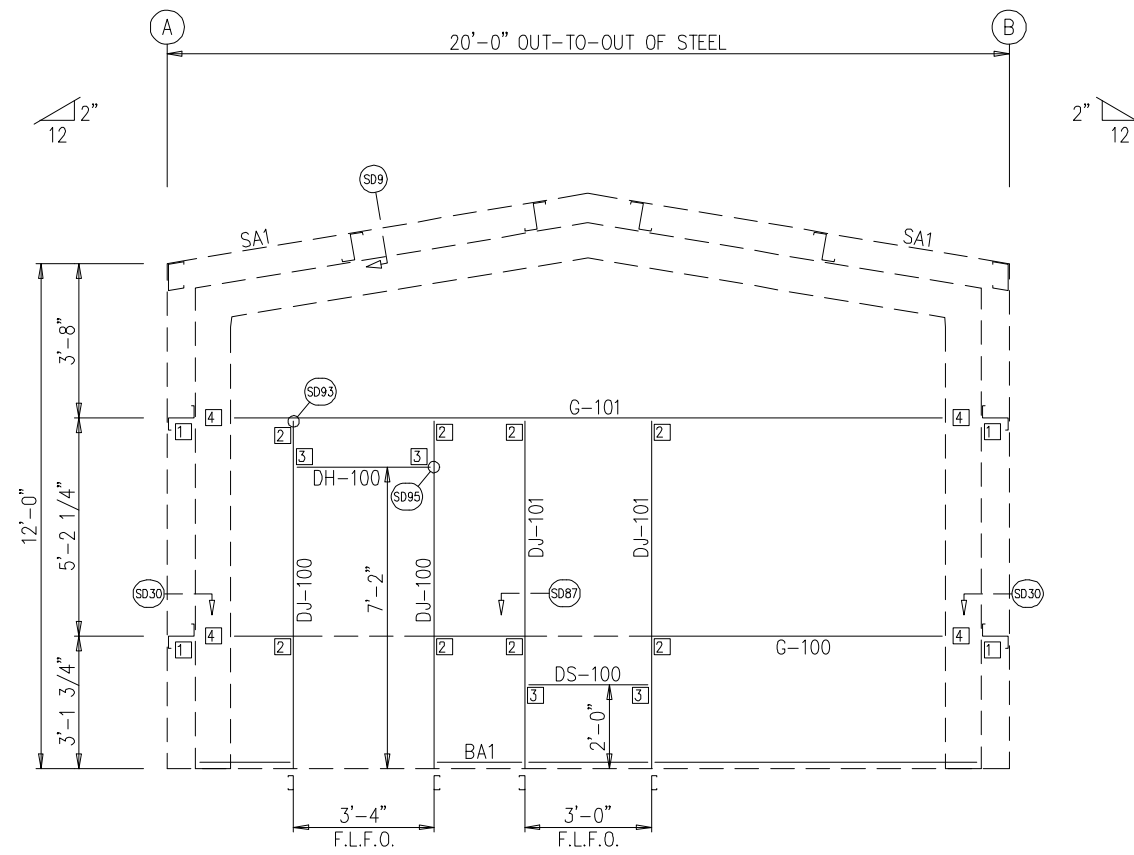
ENG.	CHK.	DATE	ISSUE
RTS	MEZ	08/29/25	APPROVAL
RTS	CAF	09/16/25	PERMIT
RTS	JMH	09/23/25	ERECTION

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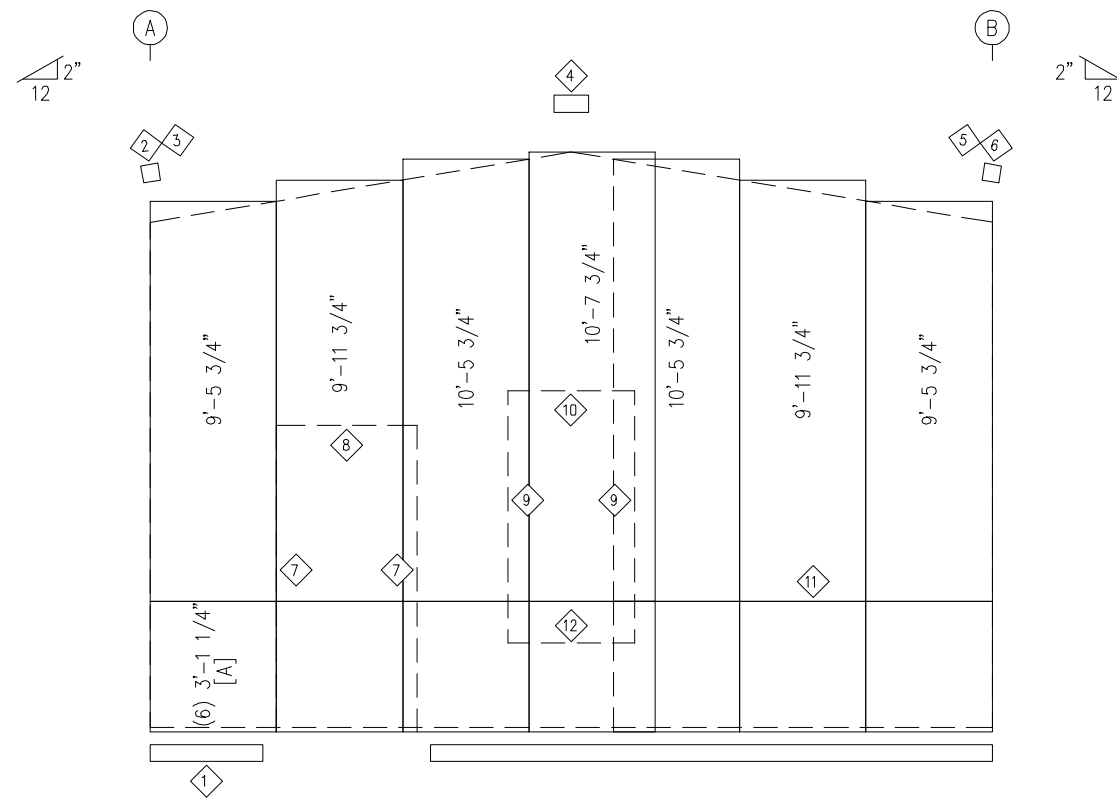
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	12 OF 25
JOB NUMBER:	95473
SHEET TITLE:	WALL FRAMING & SHEETING

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ENDWALL FRAMING: FRAME LINE 6  
NOTE: F.L.F.O. = Field Located Framed Opening



ENDWALL SHEETING & TRIM: FRAME LINE 6  
PANELS: 26 GA. PBR - SOLAR WHITE  
[A] PANELS: 26 GA. PBR - GALLERY BLUE (KYNAR)

TRIM TABLE  
FRAME LINE 6

ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-60	10'-2"	TD74
2	1	FL-21L	11'-2"	TD85
3	1	FL-328L	9 1/2"	TD13
4	1	FL-23	1'-4"	
5	1	FL-21R	11'-2"	TD85
6	1	FL-328R	9 1/2"	TD13
7	2	FL-48	7'-4"	TD51
8	1	FL-52	3'-8"	TD52
9	2	FL-48	6'-4"	TD51
10	1	FL-52	3'-4"	TD52
11	2	FL-237	10'-2"	TD199
12	1	FL-50	3'-4"	TD52

MEMBER TABLE  
FRAME LINE 6

QUAN	MARK	PART	LENGTH
2	DJ-100	8x25C16	8'-0"
2	DJ-101	8x25C16	8'-0"
1	DH-100	8x25C16	3'-3 1/2"
1	DS-100	8x25C16	2'-11 1/2"
1	G-100	8X35Z16	16'-11 1/4"
1	G-101	8X25Z16	16'-11 1/4"

CONNECTION PLATES  
FRAME LINE 6

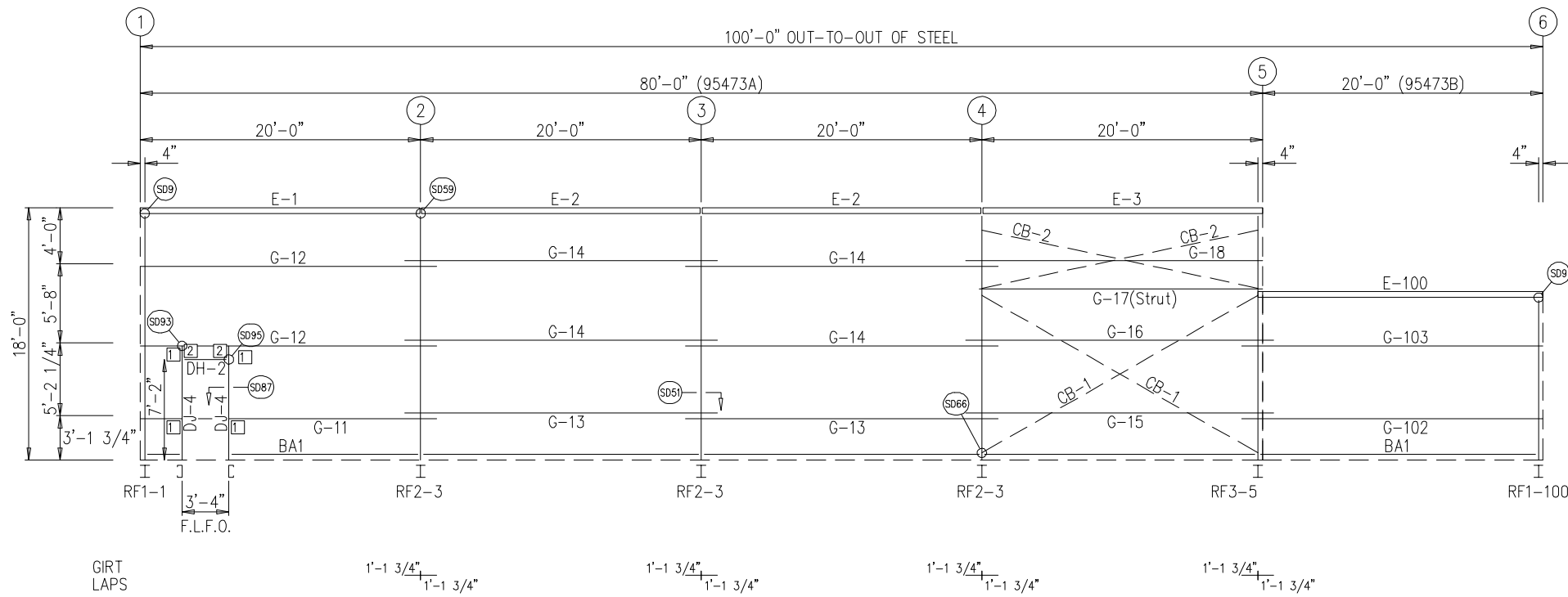
ID	QUAN	MARK
1	4	CL-5
2	8	CL-103
3	4	CL-100
4	4	4" ZEE - 9"

ENG.	RTS	RTS	RTS
CHK.	MEZ	CAF	JMH
DWN.	MEZ	CAF	JMH
DATE	08/29/25	09/16/25	09/23/25
ISSUE	APPROVAL	PERMIT	ERECTION

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PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	14 OF 25
JOB NUMBER:	95473
SHEET TITLE:	WALL FRAMING & SHEETING

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**SIDEWALL FRAMING: FRAME LINE A**  
NOTE: F.L.F.O. = Field Located Framed Opening

**TRIM TABLE  
FRAME LINE A**

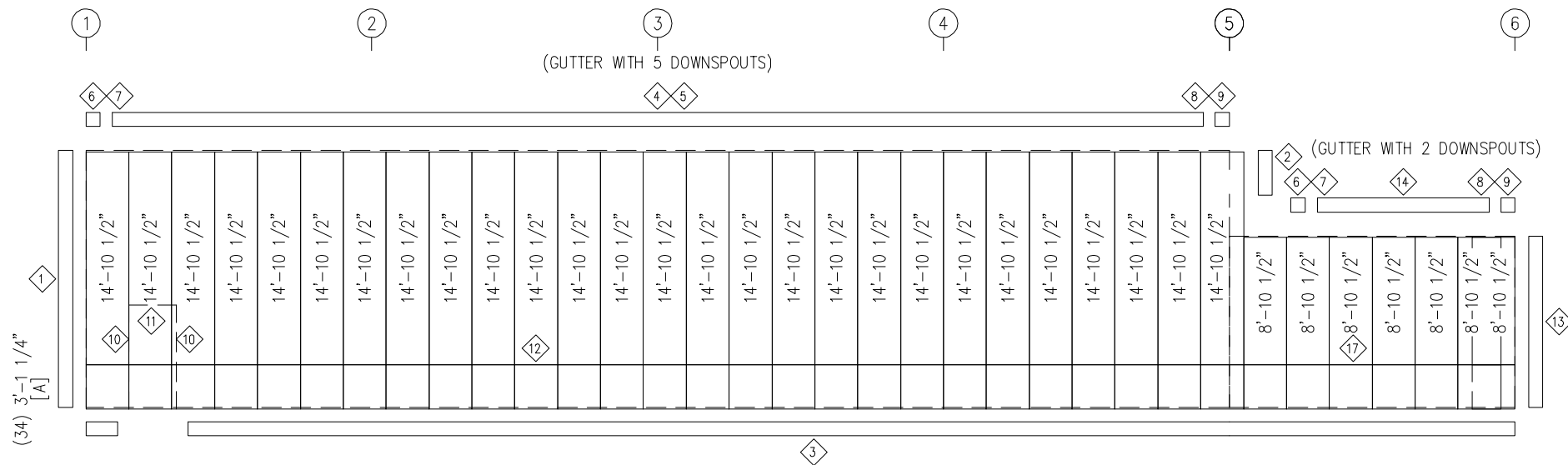
ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-10	18'-0"	TD40
2	1	FL-10	6'-0"	TD40
3	10	FL-60	10'-2"	TD74
4	5	FL-32	12'-2"	TD15
5	7	FL-31	11'-7"	TD15
6	2	FL-32L	11'-2"	TD13
7	2	FL-33L	8"	TD85
8	2	FL-32R	11'-2"	TD13
9	2	FL-33R	8"	TD85
10	2	FL-48	7'-4"	TD51
11	1	FL-52	3'-8"	TD52
12	10	FL-237	10'-2"	TD199
13	1	FL-10	12'-0"	TD40
14	2	FL-31	10'-1"	TD15

**MEMBER TABLE  
FRAME LINE A**

QUAN	MARK	PART	LENGTH
2	DJ-4	8x25C16	8'-0"
1	DH-2	8x25C16	3'-3 1/2"
1	E-1	L08E16-2	19'-11 1/2"
2	E-2	L08E16-2	19'-11 1/2"
1	E-3	L08E16-2	19'-11 1/2"
1	G-11	8X35Z16	21'-1 1/2"
2	G-12	8X25Z16	21'-1 1/2"
2	G-13	8X35Z16	22'-3 1/2"
4	G-14	8X25Z16	22'-3 1/2"
1	G-15	8X35Z16	21'-11 1/2"
1	G-16	8X25Z16	21'-11 1/2"
1	G-17	8X35Z14	20'-3 1/2"
1	G-18	8X25Z16	21'-1 1/2"
2	CB-1	CB0250	23'-2 1/4"
2	CB-2	CB0250	20'-7 1/2"
1	E-100	L08E16-2	20'-7 1/2"
1	G-102	8X35Z16	21'-5 1/2"
1	G-103	8X25Z16	21'-5 1/2"

**CONNECTION PLATES  
FRAME LINE A**

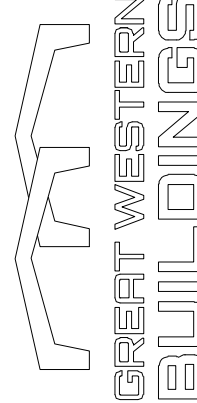
ID	QUAN	MARK
1	4	CL-103
2	2	CL-100



**SIDEWALL SHEETING & TRIM: FRAME LINE A**

PANELS: 26 GA. PBR - SOLAR WHITE  
[A] PANELS: 26 GA. PBR - GALLERY BLUE (KYNAR)

ENG. CHK.	RTS	RTS	RTS
DATE	08/29/25	08/16/25	09/23/25
ISSUE	APPROVAL	PERMIT	ERECTION

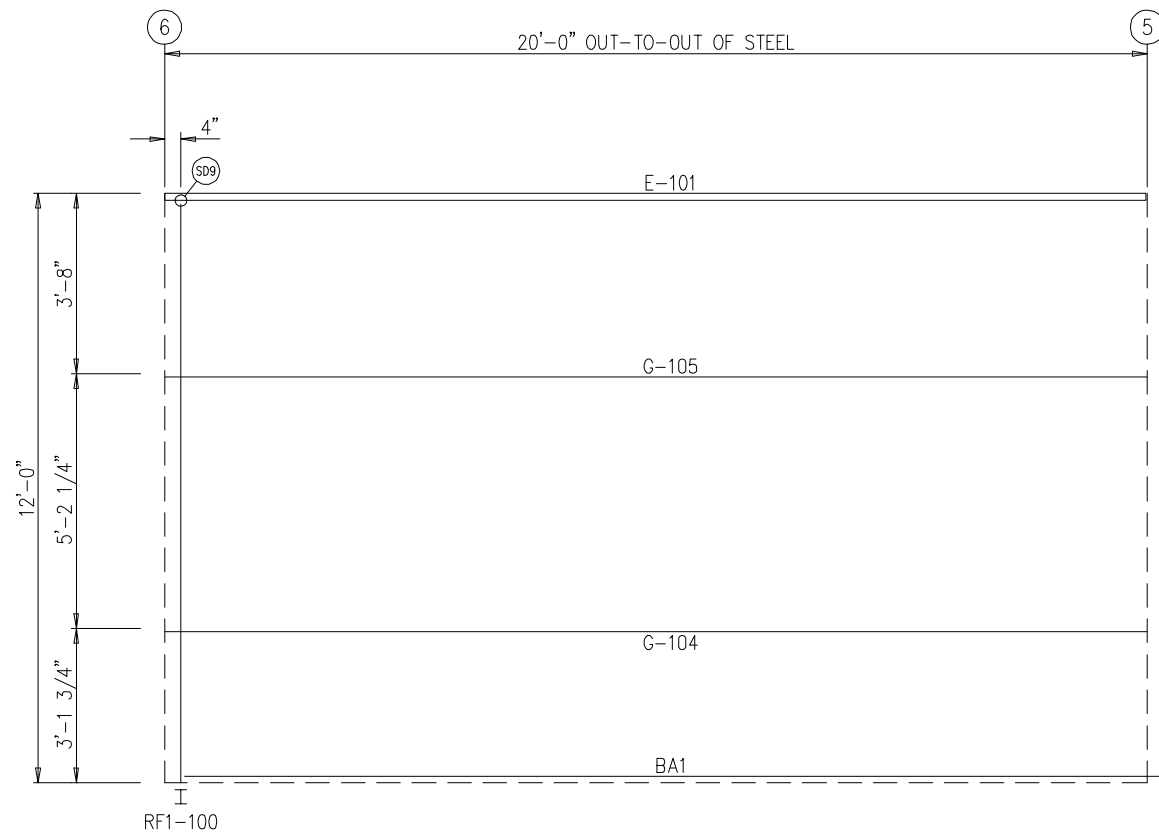


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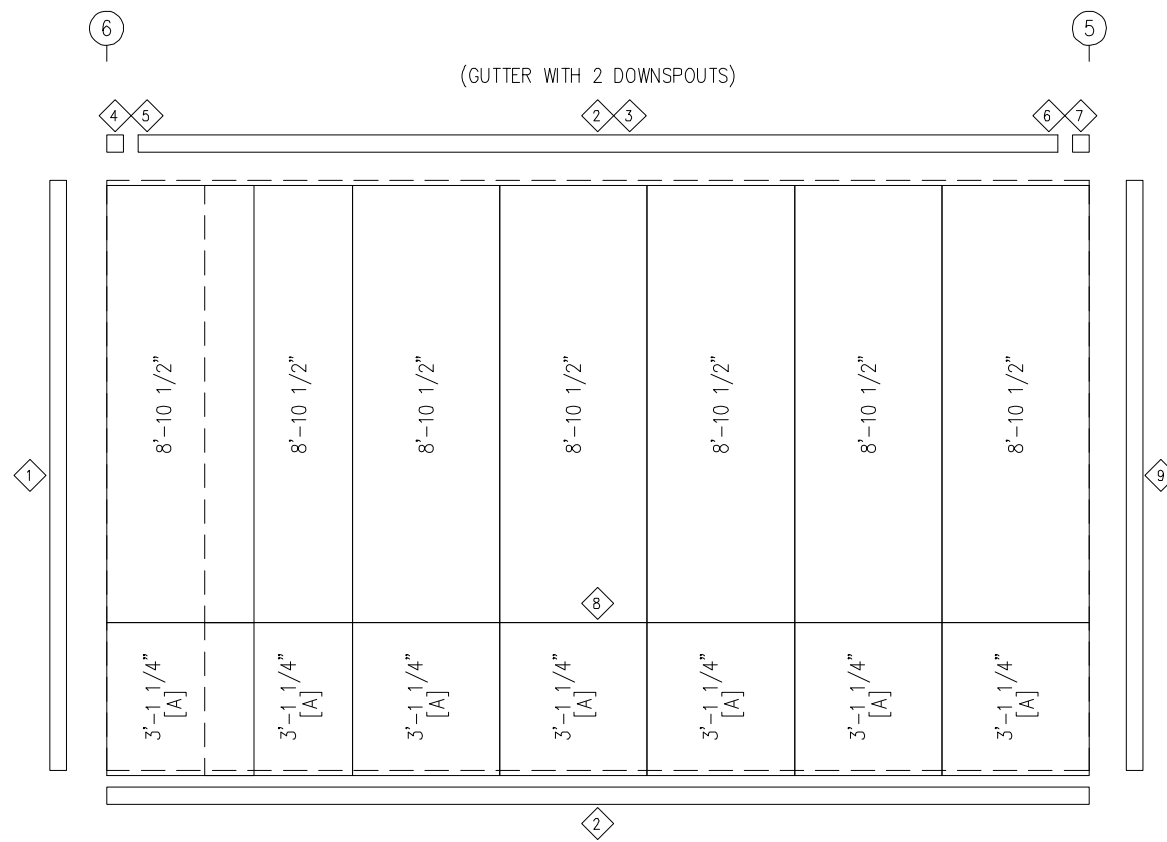
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CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	15 OF 25
JOB NUMBER:	95473
SHEET TITLE:	WALL FRAMING & SHEETING

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SIDEWALL FRAMING: FRAME LINE B



SIDEWALL SHEETING & TRIM: FRAME LINE B

PANELS: 26 GA. PBR - SOLAR WHITE

[A] PANELS: 26 GA. PBR - GALLERY BLUE (KYNAR)

TRIM TABLE  
FRAME LINE B

ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-10	12'-0"	TD40
2	2	FL-60	10'-2"	TD74
3	2	FL-31	10'-1"	TD15
4	1	FL-32L	11'-2"	TD13
5	1	FL-33L	8"	TD85
6	1	FL-32R	11'-2"	TD13
7	1	FL-33R	8"	TD85
8	2	FL-237	10'-2"	TD199
9	1	FL-12	12'-0"	TD40

MEMBER TABLE  
FRAME LINE B

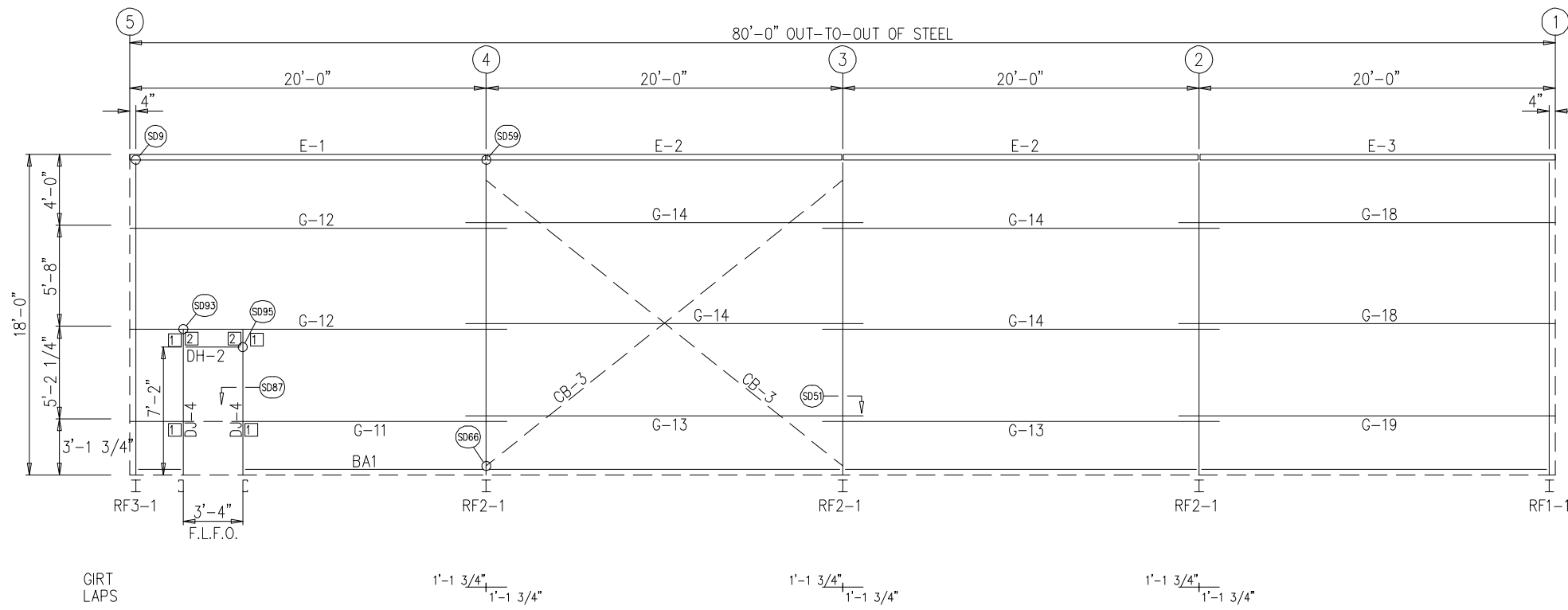
QUAN	MARK	PART	LENGTH
1	E-101	L08E16-2	19'-11 1/2"
1	G-104	8X35Z16	19'-11 1/2"
1	G-105	8X25Z16	19'-11 1/2"

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	08/29/25	MEZ	MEZ	RTS
PERMIT	08/16/25	CAF	CAF	RTS
ERECTION	09/23/25	JMH	JMH	RTS

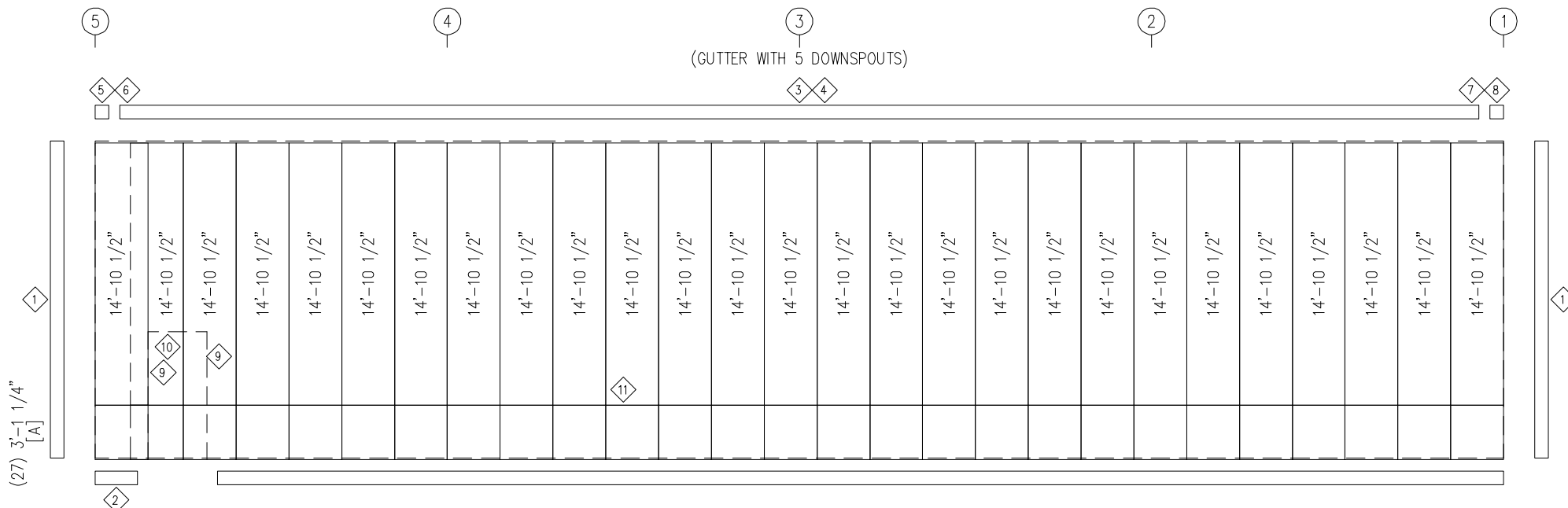
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PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	16 OF 25
JOB NUMBER:	95473
SHEET TITLE:	WALL FRAMING & SHEETING

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SIDEWALL FRAMING: FRAME LINE D  
NOTE: F.L.F.O. = Field Located Framed Opening



SIDEWALL SHEETING & TRIM: FRAME LINE D  
PANELS: 26 GA. PBR - SOLAR WHITE  
[A] PANELS: 26 GA. PBR - GALLERY BLUE (KYNAR)

TRIM TABLE  
FRAME LINE D

ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-10	18'-0"	TD40
2	8	FL-60	10'-2"	TD74
3	5	FL-32	12'-2"	TD15
4	7	FL-31	11'-7"	TD15
5	1	FL-32L	11'-2"	TD13
6	1	FL-33L	8"	TD85
7	1	FL-32R	11'-2"	TD13
8	1	FL-33R	8"	TD85
9	2	FL-48	7'-4"	TD51
10	1	FL-52	3'-8"	TD52
11	8	FL-237	10'-2"	TD199

MEMBER TABLE  
FRAME LINE D

QUAN	MARK	PART	LENGTH
2	DJ-4	8x25C16	8'-0"
1	DH-2	8x25C16	3'-3 1/2"
1	E-1	L08E16-2	19'-11 1/2"
2	E-2	L08E16-2	19'-11 1/2"
1	E-3	L08E16-2	19'-11 1/2"
1	G-11	8X35Z16	21'-1 1/2"
2	G-12	8X25Z16	21'-1 1/2"
2	G-13	8X35Z16	22'-3 1/2"
4	G-14	8X25Z16	22'-3 1/2"
2	G-18	8X25Z16	21'-1 1/2"
1	G-19	8X35Z16	21'-1 1/2"
2	CB-3	CB0250	26'-5 1/4"

CONNECTION PLATES  
FRAME LINE D

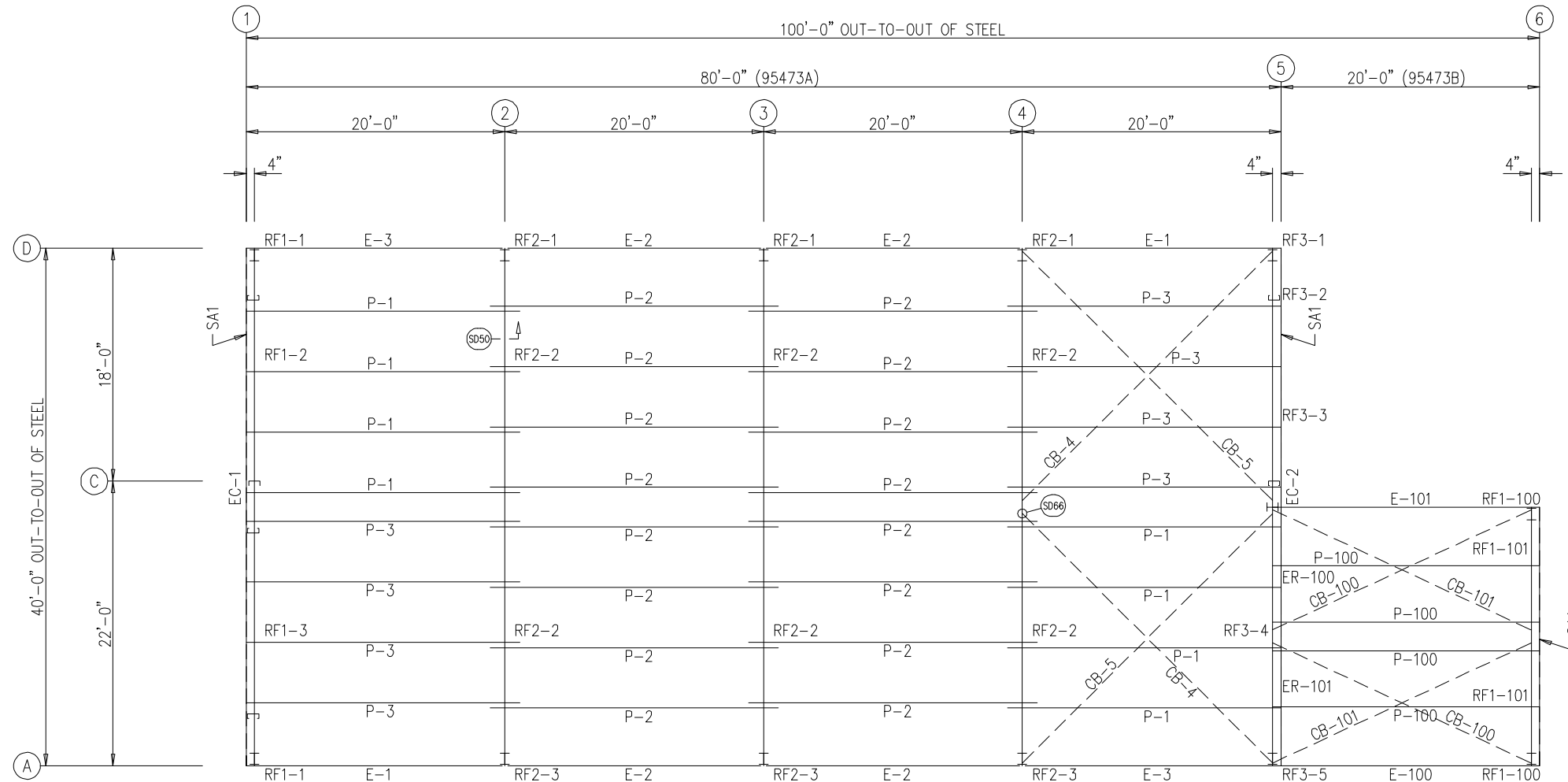
ID	QUAN	MARK
1	4	CL-103
2	2	CL-100

ENG.	RTS	CHK.	DATE	ISSUE
			08/29/25	APPROVAL
			08/16/25	PERMIT
			08/23/25	ERECTION

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PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	17 OF 25
JOB NUMBER:	95473
SHEET TITLE:	WALL FRAMING & SHEETING

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MEMBER TABLE  
ROOF PLAN

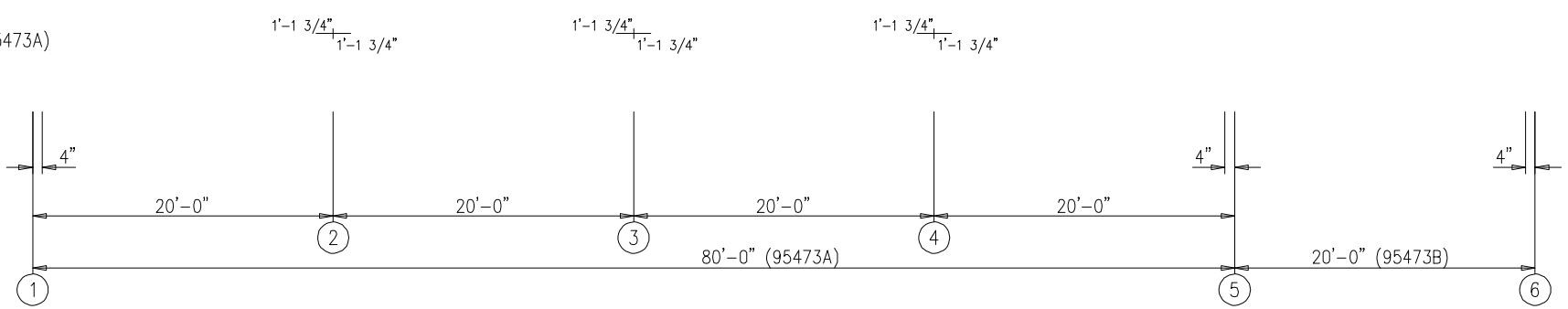
QUAN	MARK	PART	LENGTH
8	P-1	8X25Z16	21'-1 1/2"
16	P-2	8X25Z16	22'-3 1/2"
8	P-3	8X25Z16	21'-1 1/2"
2	E-1	L08E16-2	19'-11 1/2"
4	E-2	L08E16-2	19'-11 1/2"
2	E-3	L08E16-2	19'-11 1/2"
2	CB-4	CB0250	26'-10 1/2"
2	CB-5	CB0250	26'-9"
4	P-100	8X35Z14	20'-7 1/2"
1	E-100	L08E16-2	20'-6"
1	E-101	L08E16-2	19'-11 1/2"
2	CB-100	CB0250	21'-10"
2	CB-101	CB0250	22'-0 1/4"

ENG.	CHK.	DATE	ISSUE
RTS	MEZ	08/29/25	APPROVAL
RTS	CAF	08/16/25	PERMIT
RTS	JMH	08/23/25	ERECTION

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PROJECT END USE:	
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CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	18 OF 25
JOB NUMBER:	95473
SHEET TITLE:	ROOF FRAMING PLAN

PURLIN LAP (95473A)

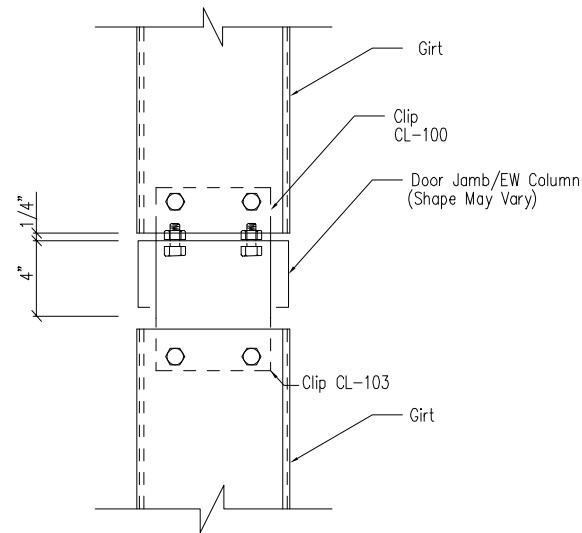


ROOF FRAMING PLAN

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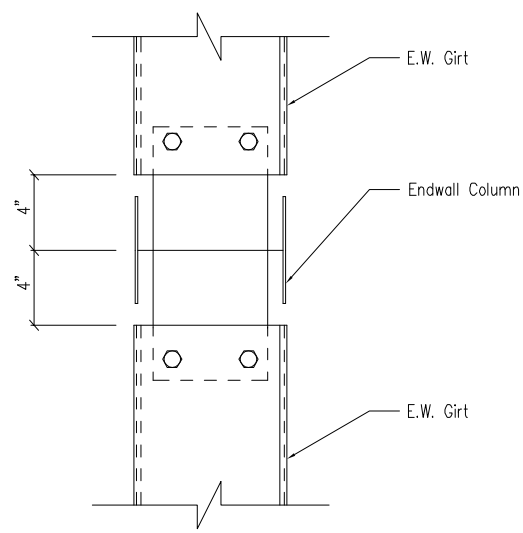


ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP.

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

Girt to "C" Door Jamb/EW Column

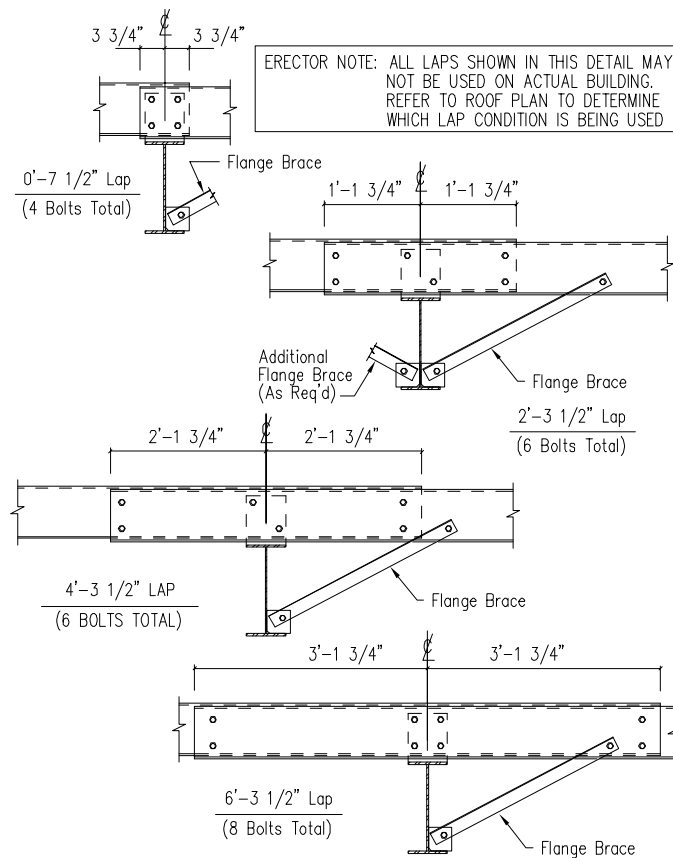
DRAWING NO.  
SD43



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

Girt to Hot Rolled Endwall Column Connection

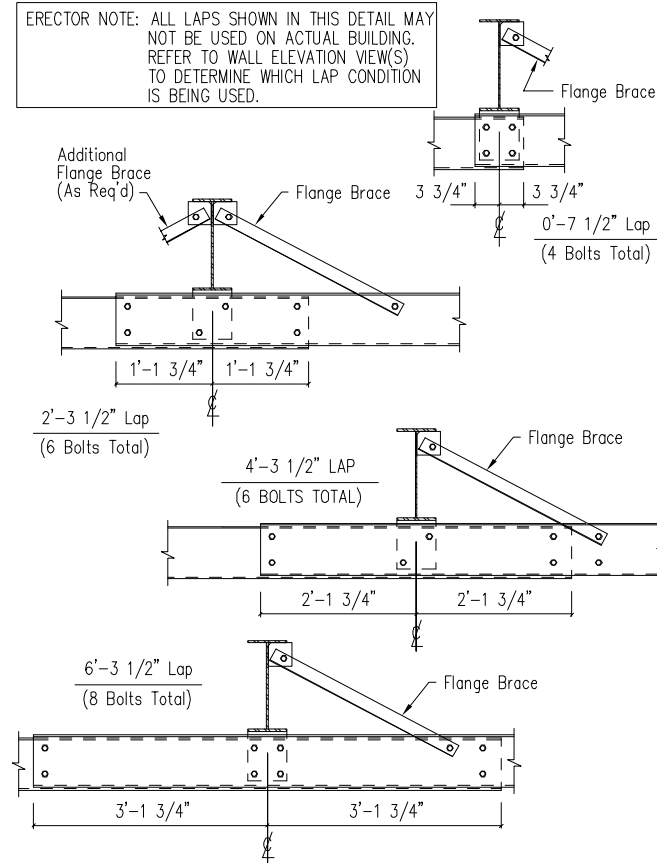
DRAWING NO.  
SD44



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

Interior Bay Purlin Framing

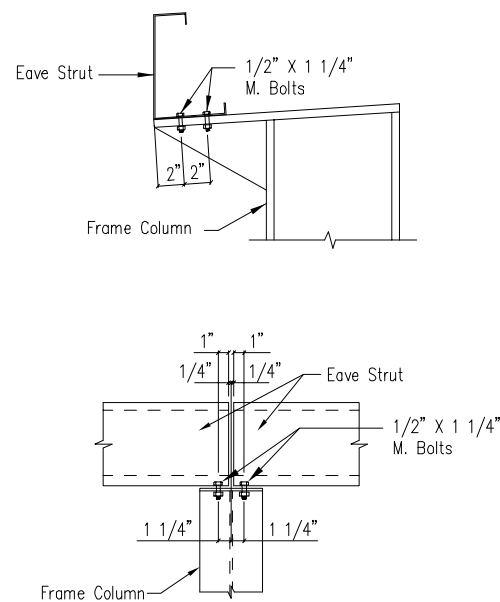
DRAWING NO.  
SD50



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

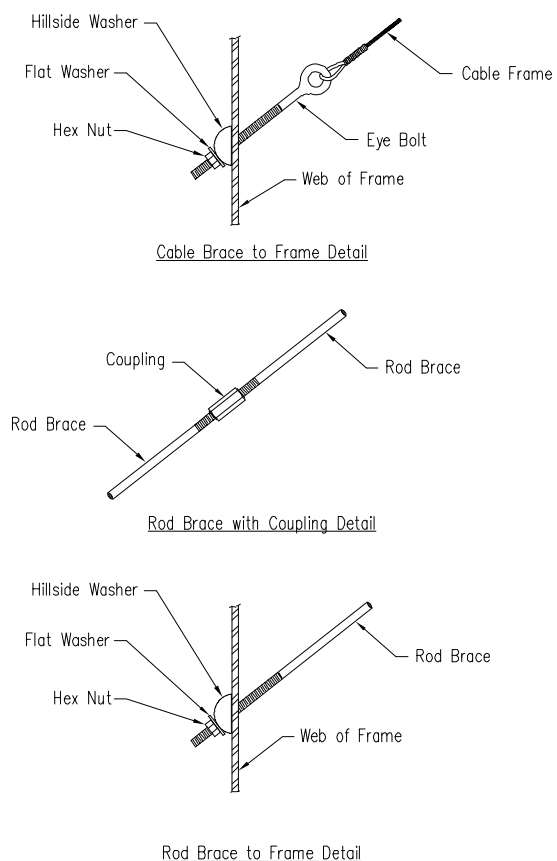
Interior Bay Girt Framing

DRAWING NO.  
SD51



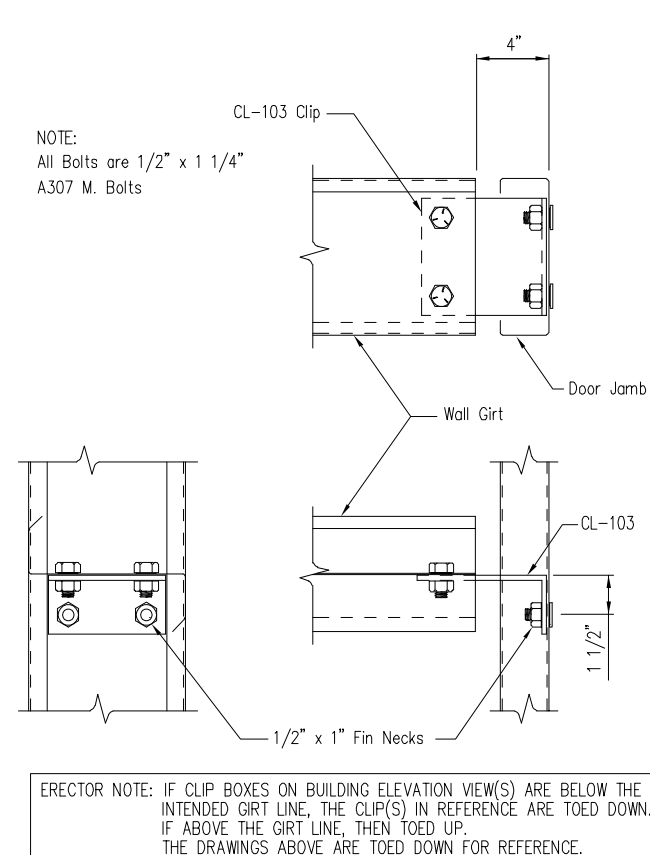
Eave Strut at Interior Column  
By-Pass Sidewall

DRAWING NO.  
SD59



Cable or Rod Brace to Frame Connection

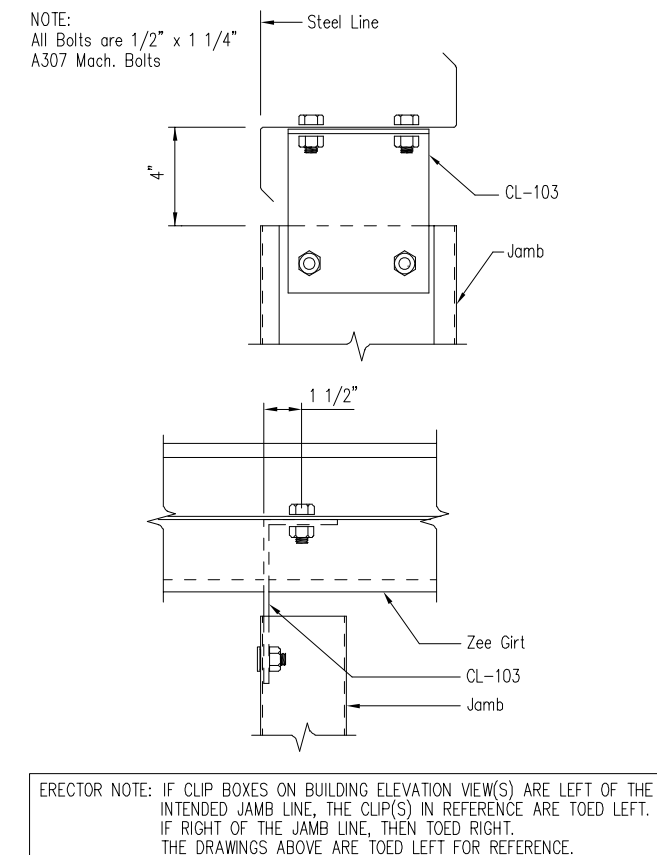
DRAWING NO.  
SD66



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.

Girt to Jamb (Bolted Clips)

DRAWING NO.  
SD87



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.

Jamb to Girt

DRAWING NO.  
SD93

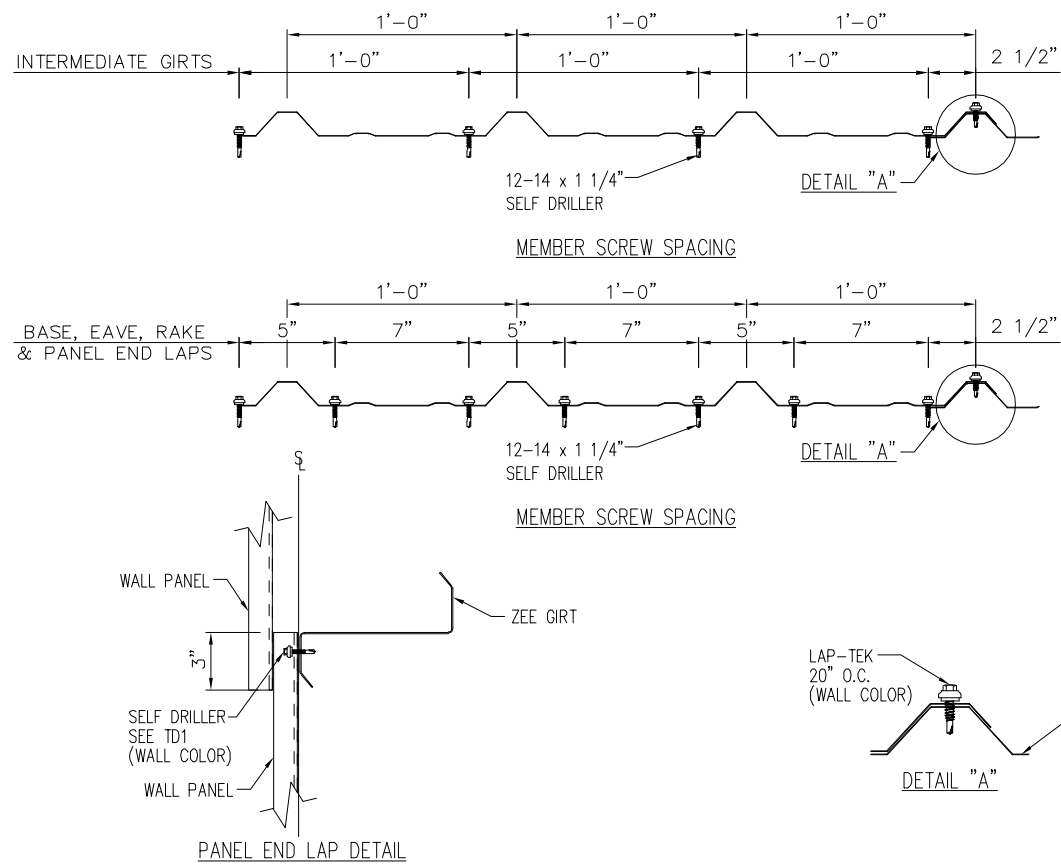
CHK.	ENG.	RTS	RTS	RTS
MEZ	MEZ	CAF	CAF	JMH
MEZ	MEZ	CAF	CAF	JMH
MEZ	MEZ	CAF	CAF	JMH

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CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	21 OF 25
JOB NUMBER:	95473
SHEET TITLE:	DETAIL DRAWINGS

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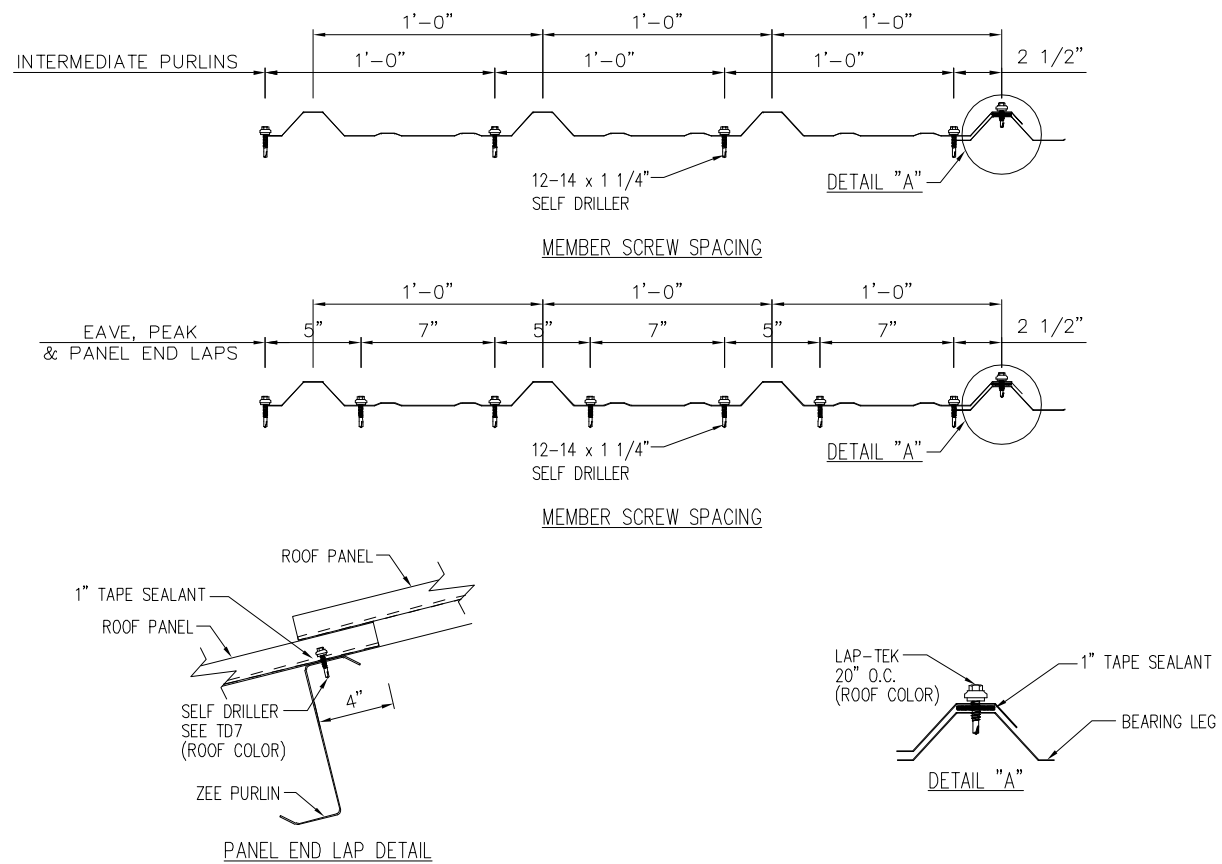




Fastener Location at Wall - PBR

DRAWING NO.

TD1



Fastener Location at Roof - PBR

DRAWING NO.

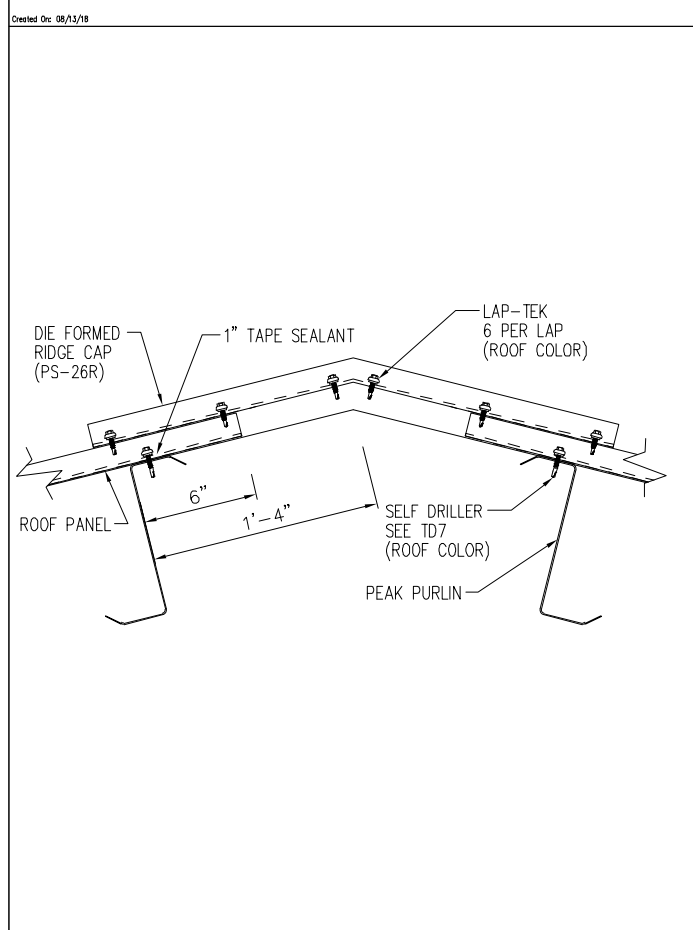
TD7

ENG.	RTS	RTS	RTS
CHK.	MEZ	CAF	JMH
DWN.	MEZ	CAF	JMH
DATE	08/29/25	09/16/25	09/23/25
ISSUE	APPROVAL	PERMIT	ERECTION

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23 OF 25  
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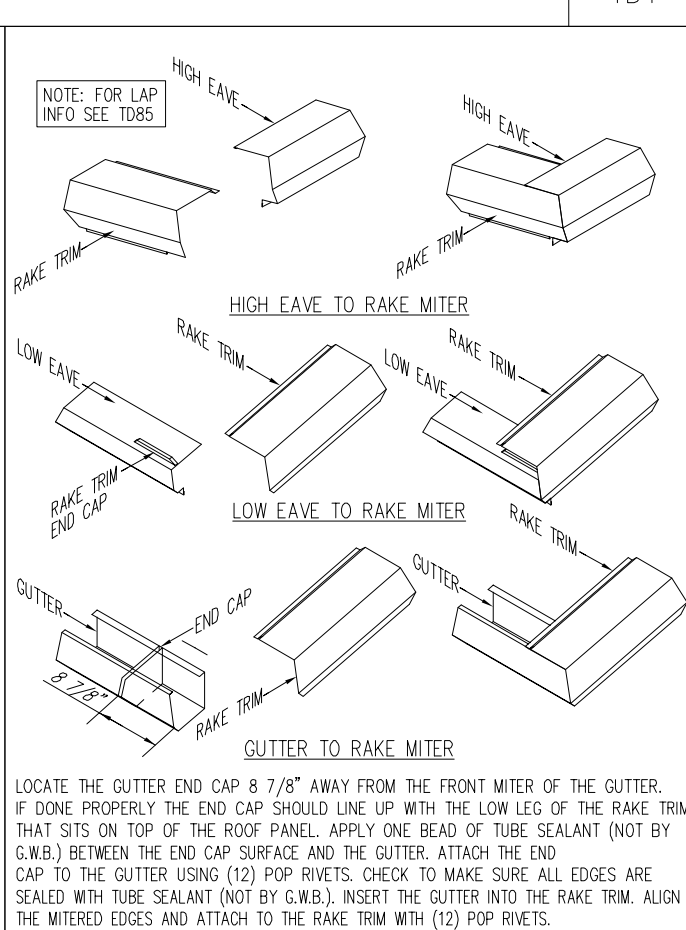
DETAIL DRAWINGS



Die Formed Ridge Detail - PBR  
 Up to a 4:12 Roof Slope

DRAWING NO.

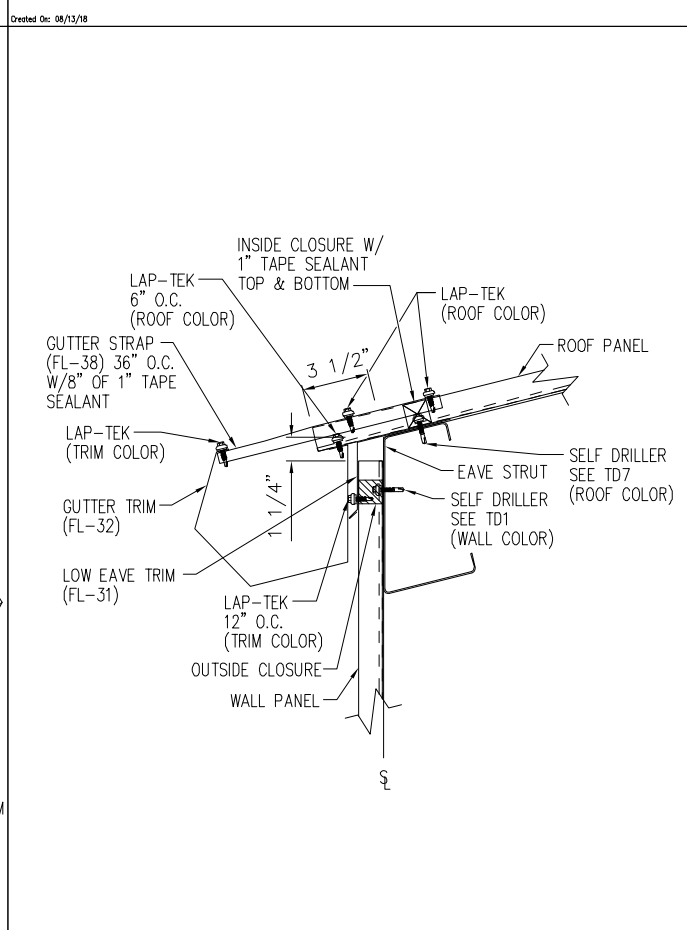
TD8



Sculptured Trim Detail - PBR

DRAWING NO.

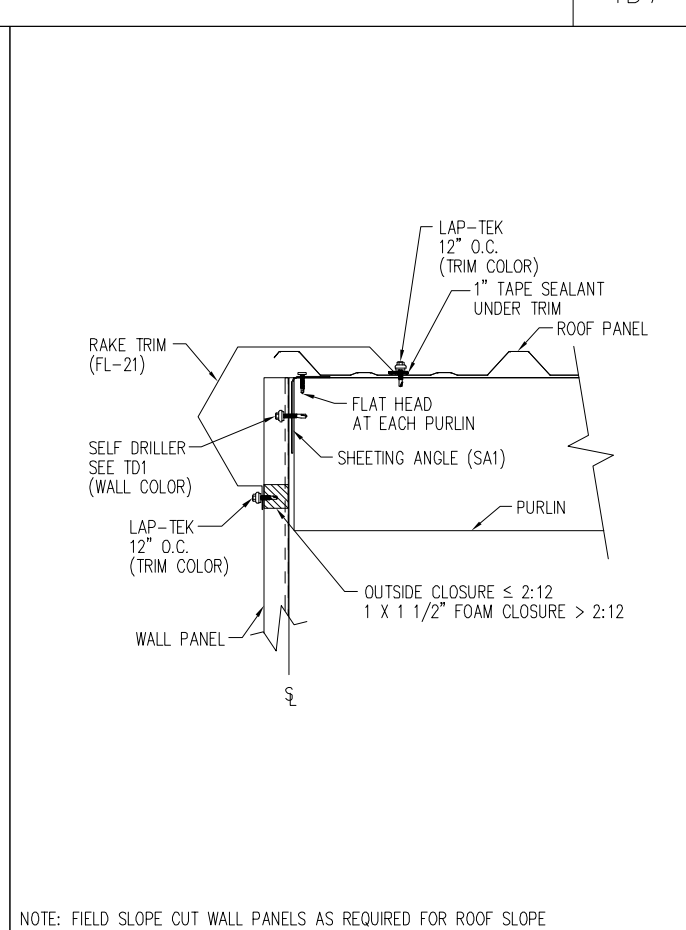
TD13



Low Eave Gutter Detail - PBR  
 Sculptured Gutter - Sheeted Wall

DRAWING NO.

TD15



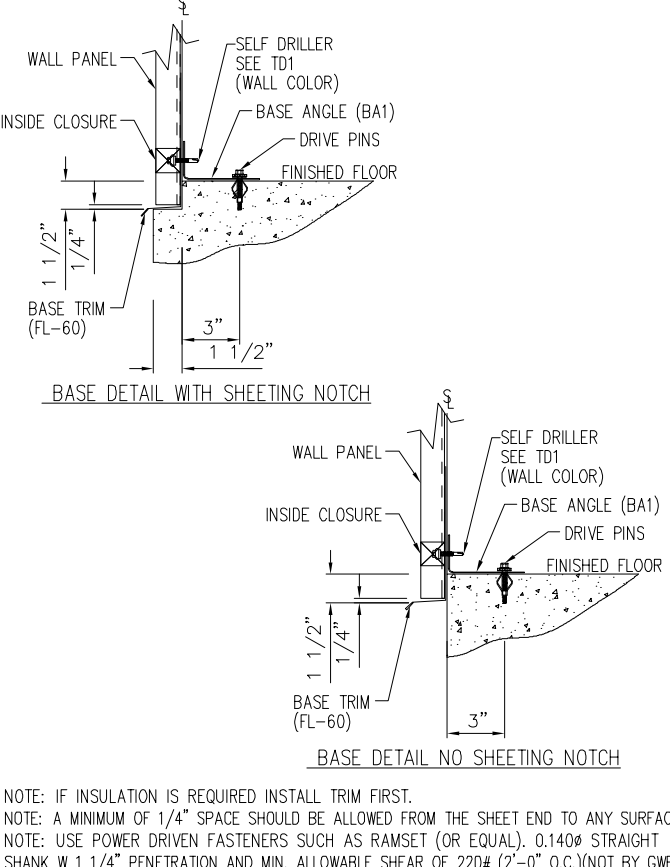
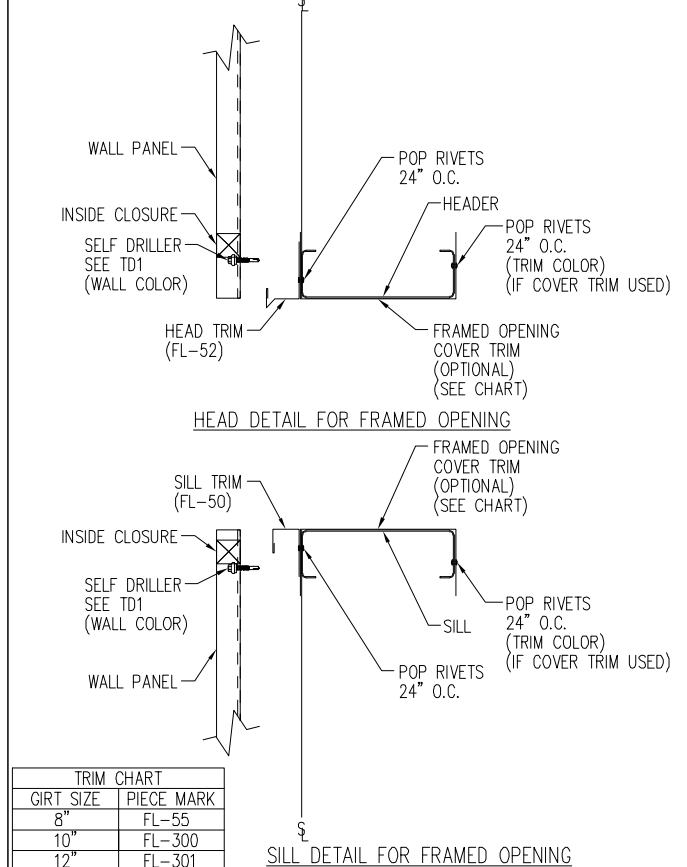
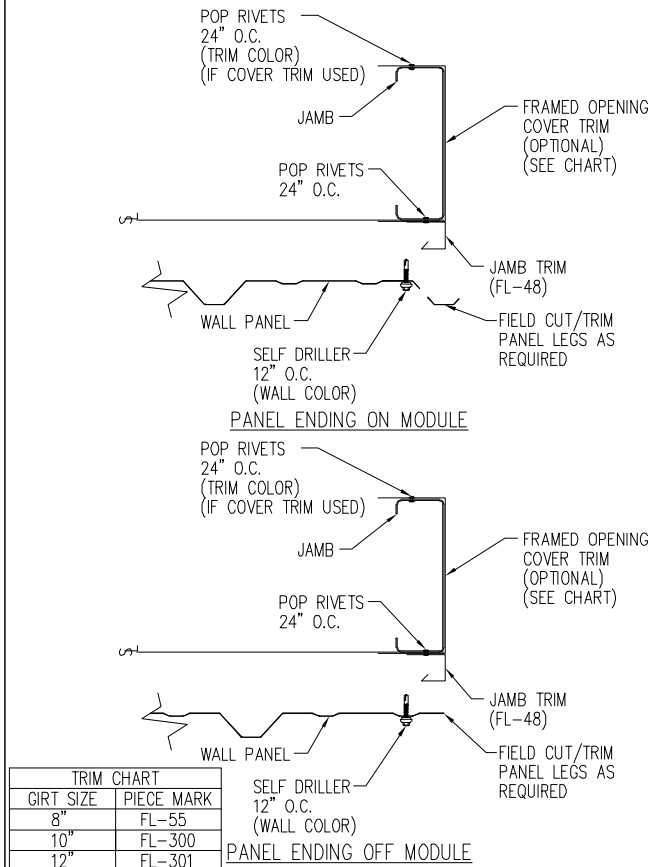
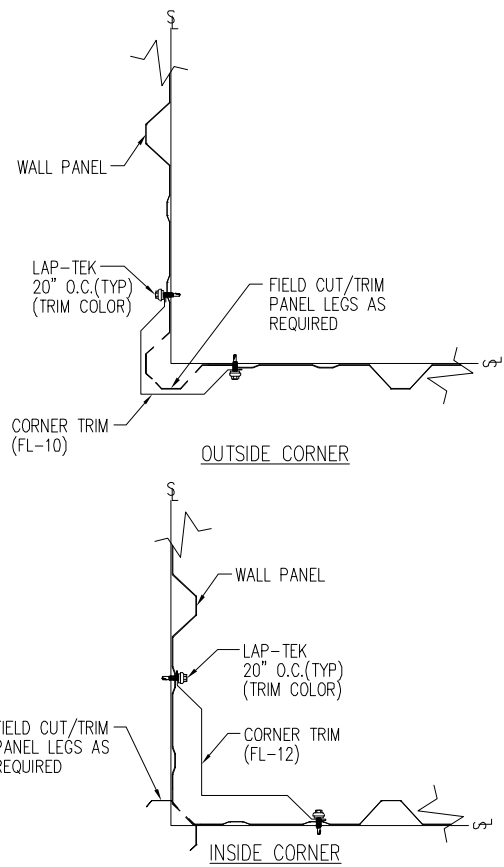
Rake Detail - PBR  
 Sculptured Rake - Sheeted Wall

DRAWING NO.

TD35

CUSTOMER NAME:	N.T.S.
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
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SHEET NUMBER:	23 OF 25
JOB NUMBER:	95473
SHEET TITLE:	DETAIL DRAWINGS

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

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

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). 0.140Ø STRAIGHT SHANK W 1 1/4" PENETRATION AND MIN. ALLOWABLE SHEAR OF 220# (2"-0" O.C.) (NOT BY GWB)

Section at Corner Detail - PBR  
 DRAWING NO. TD40  
 Created On: 08/06/18

Framed Opening Jamb Detail - PBR  
 DRAWING NO. TD51  
 Created On: 08/06/18

Framed Opening Head and Sill Details - PBR  
 DRAWING NO. TD52  
 Created On: 08/06/18

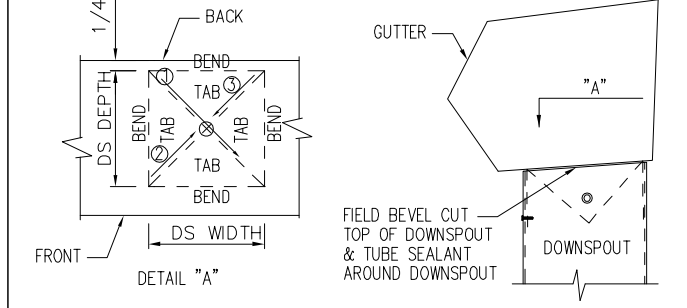
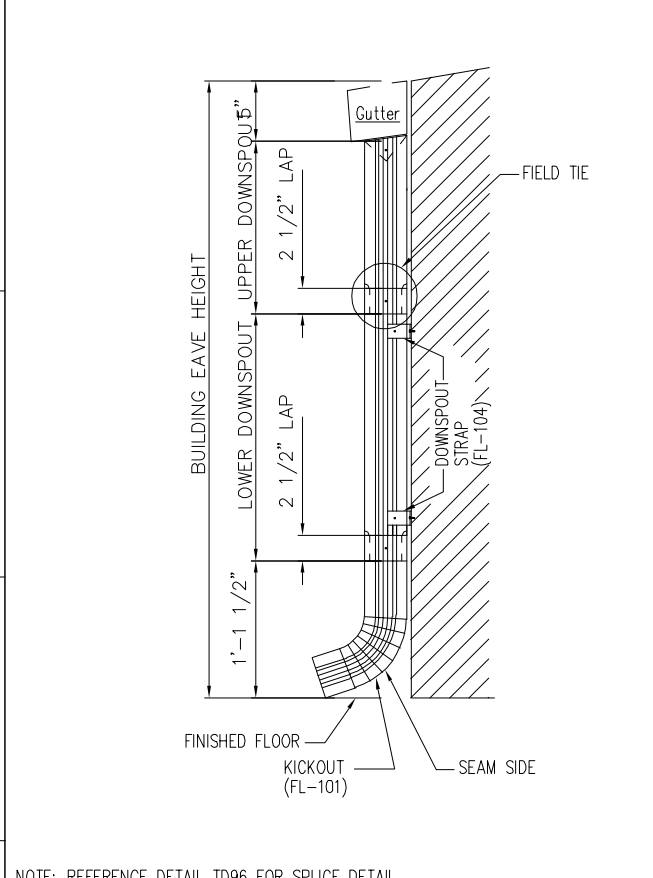
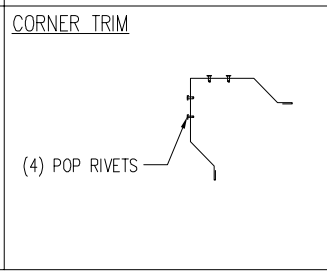
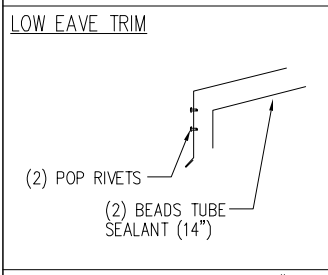
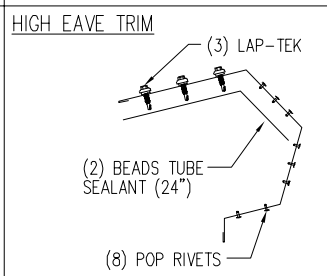
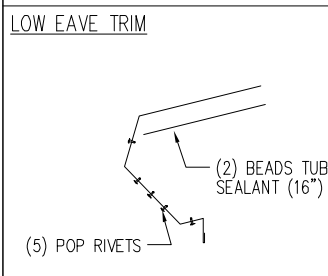
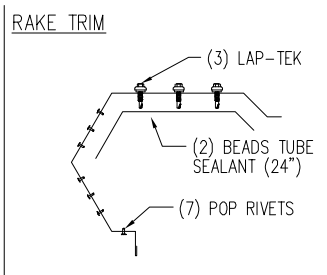
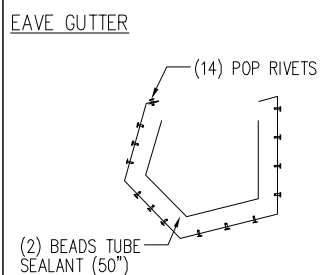
Base Angle w/Trim Details  
 DRAWING NO. TD74  
 Created On: 08/06/18

ENG.	CHK.	DATE	ISSUE	APPROVAL	PERMIT	ERECTION
		08/29/25	MEZ			
		08/29/25	CAF			
		08/29/25	JMH			

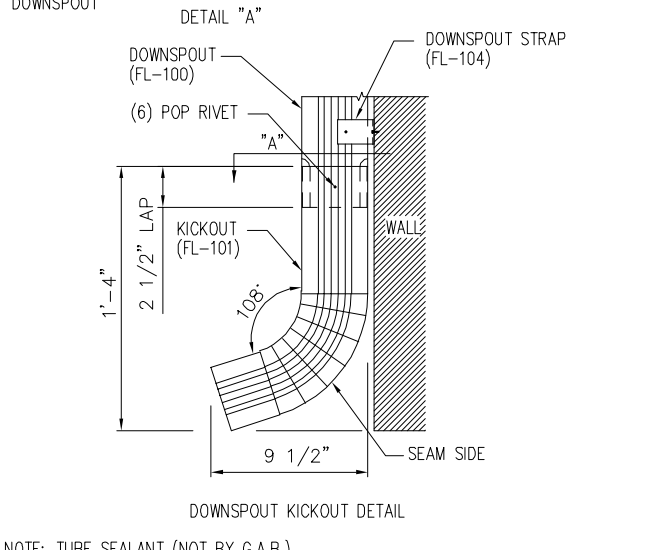
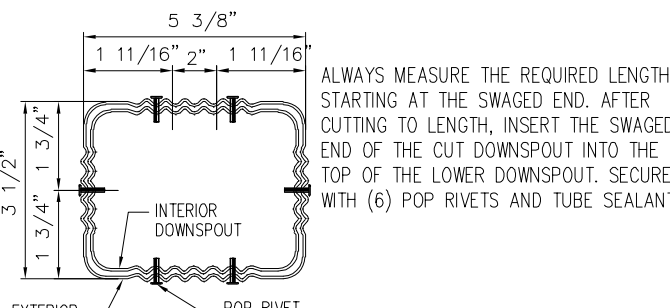
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JOB NUMBER:	95473
SHEET TITLE:	DETAIL DRAWINGS



- 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.



Trim Laps - PBR Sculptured  
 DRAWING NO. TD85  
 Created On: 08/06/18

Downspout Elevation  
 3 1/2" x 5 3/8" Roll-Form  
 DRAWING NO. TD90  
 Created On: 3/2/12

Downspout to Gutter Attachment Detail  
 DRAWING NO. TD95  
 Revised On: 8/17/17  
 Created On: 3/2/12

Downspout Kickout and Splice Detail  
 3 1/2" x 5 3/8" Roll-Form  
 DRAWING NO. TD96  
 Created On: 3/2/12

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