

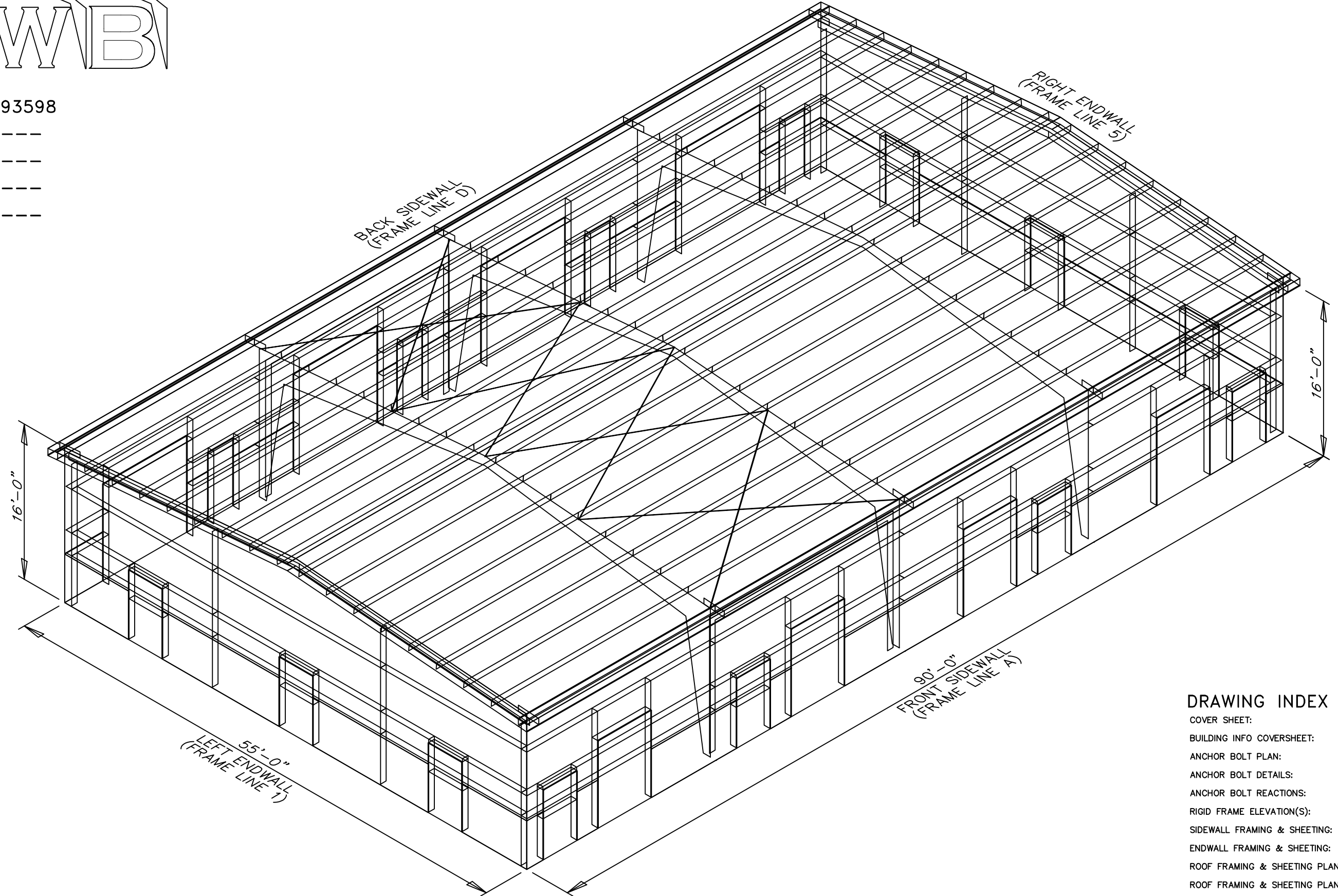
JOB NUMBER: 93598

PROJECT NAME: ---

PROJECT LOCATION: ---

PROJECT LOCATION: ---

PROJECT COUNTY: ---



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**GENERAL NOTES**

- 1.1 FABRICATION SHALL BE IN ACCORDANCE WITH METAL BUILDING SUPPLIER, STANDARD PRACTICES IN COMPLIANCE WITH THE APPLICABLE SECTIONS, RELATING TO DESIGN REQUIREMENTS AND ALLOWABLE STRESSES OF THE LATEST EDITION OF THE "AWS STRUCTURAL WELDING CODE D1.1 AND D1.3".
- 1.2 **MATERIALS**
- | ASTM DESIGNATION                      | MIN. YIELD STRENGTH |
|---------------------------------------|---------------------|
| HOT ROLLED STEEL SHAPES (W, & C)      | A572                |
| HOT ROLLED STEEL ANGLES (L)           | A36                 |
| STEEL PIPES                           | A500                |
| STRUCTURAL TUBING                     | A500                |
| STRUCTURAL STEEL WEB PLATE            | A572/A1011          |
| STRUCTURAL STEEL FLANGE PLATES/BARS   | A529/A572           |
| COLD FORMED LIGHT GAGE                | A653/A1011          |
| ROOF & WALL SHEETS                    | A792/A653           |
| CABLE BRACE                           | A475 - TYPE 1       |
| ROD BRACE                             | A36                 |
| MIN. TENSILE STRENGTH                 |                     |
| MACHINE BOLTS & NUTS                  | A307                |
| HIGH STRENGTH BOLTS (1"φ & LESS)      | A325-TYPE 1         |
| HIGH STRENGTH BOLTS (>1"φ TO 1 1/2"φ) | A325-TYPE 1         |
| ANCHOR BOLTS (NOT SUPPLIED BY M.B.S.) | A36/A307/F1554      |

- 1.3 **PRIMER**  
SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER WHICH MEETS THE END PERFORMANCE OF FEDERAL SPECIFICATION SSPC NO. 15 AND IS GRAY OXIDE IN COLOR. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS. METAL BUILDING SUPPLIER IS NOT RESPONSIBLE FOR ANY DETERIORATION OF THE SHOP PRIMER PAINT AS A RESULT OF IMPROPER HANDLING AND/OR JOBSITE STORAGE. METAL BUILDING SUPPLIER SHALL NOT BE RESPONSIBLE FOR ANY FIELD APPLIED PAINT AND/OR COATINGS. (AISC CODE OF STANDARD PRACTICE, LATEST EDITION). NOMINAL THICKNESS OF PRIMER WILL BE 1 MIL UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS.

- 1.4 **GALVANIZED OR SPECIAL COATINGS:**  
SEE CONTRACT DOCUMENTS

- 1.5 **ALL BOLTS ARE 1/2"φ x 0'-1 1/4" A307 EXCEPT:**  
A) ENDWALL RAFTER SPLICE - 5/8"φ x 0'-1 3/4" A325-N  
B) ENDWALL COLUMN TO RAFTER CONNECTION - (SEE WALL ELEVATION)  
C) MAIN FRAME CONNECTIONS - SEE CROSS SECTION  
D) FLANGE BRACE CONNECTIONS - 1/2"φ x 0'-1 1/4" A325  
NOTE: WASHERS ARE NOT SUPPLIED UNLESS NOTED OTHERWISE ON DRAWING

- 1.6 **A325 BOLT TIGHTENING REQUIREMENTS**  
ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE. HOLES ARE NOT SLOTTED AND DESIGN IS BEARING CONNECTION. STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS" USING ASTM A325 OR A490 BOLTS, WHEN SPECIFICALLY REQUIRED. A325-N BOLTS ARE SUPPLIED WITHOUT WASHER UNLESS OTHERWISE NOTED ON THE DRAWINGS.  
ALL BOLTED CONNECTIONS UNLESS NOTED ARE DESIGNED AS BEARING TYPE CONNECTIONS WITH BOLT THREADS NOT EXCLUDED FROM THE SHEAR PLANE.  
BUILDINGS IN SEISMIC DESIGN CATEGORY C OR LOWER AND/OR WITH CRANE SYSTEMS 10 TONS OR LESS DO NOT REQUIRE TURN OF THE NUT PRE TENSIONING

- 1.7 **CLOSURE STRIPS ARE FURNISHED (IF ORDERED) FOR APPLICATION:**  
INSIDE - UNDER ROOF PANELS & BASE OF WALL PANELS  
OUTSIDE - BETWEEN ROOF PANELS & RIDGE CAP  
- BETWEEN WALL PANELS & EAVE/GABLE TRIM

- 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. IF ADDITIONAL BRACING IS REQUIRED FOR STABILITY DURING ERECTION, IT SHALL BE THE ERECTOR'S RESPONSIBILITY TO DETERMINE THE AMOUNT OF SUCH BRACING AND TO PROCURE AND INSTALL AS NEEDED.

- 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, OR SUCH CLAIMS WILL BE CONSIDERED TO HAVE BEEN WAIVED BY THE CUSTOMER AND DISALLOWED.

- 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. THE CORRECTION OF MINOR MISFITS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS INTO LINE, MODERATE AMOUNTS OF REAMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM. NO PART OF THE BUILDING MAY BE RETURNED FOR ALLEGED MISFITS WITHOUT THE PRIOR APPROVAL OF M.B.S.

**BUYER/END USE CUSTOMER RESPONSIBILITIES**

- 2.1 IT IS THE RESPONSIBILITY OF THE BUYER/END USE CUSTOMER TO OBTAIN APPROPRIATE APPROVALS AND SECURE NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES AS REQUIRED, AND TO ADVISE/RELEASE M.B.S. TO FABRICATE UPON RECEIVING SUCH.
- 2.2 METAL BUILDING SUPPLIER (HEREAFTER REFERRED TO AS M.B.S.) STANDARD SPECIFICATIONS APPLY UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS. M.B.S. DESIGN, FABRICATION, QUALITY CRITERIA, STANDARDS, PRACTICE, METHODS AND TOLERANCES SHALL GOVERN THE WORK WITH ANY OTHER INTERPRETATIONS TO THE CONTRARY NOTWITHSTANDING. IT IS UNDERSTOOD BY BOTH PARTIES THAT THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR CLARIFICATION OF INCLUSIONS OR EXCLUSIONS FROM THE ARCHITECTURAL PLANS AND/OR SPECIFICATIONS.
- 2.3 IN CASE OF DISCREPANCIES BETWEEN M.B.S. STRUCTURAL STEEL PLANS AND PLANS FOR OTHER TRADES, M.B.S. PLANS SHALL GOVERN. (SECTION 3 AISC CODE OF STANDARD PRACTICES, LATEST EDITION)
- 2.4 APPROVAL OF M.B.S. DRAWINGS AND CALCULATIONS INDICATE THE M.B.S. HAS CORRECTLY INTERPRETED AND APPLIED THE CONTRACT DOCUMENTS. THIS APPROVAL CONSTITUTES THE CONTRACTOR/OWNERS ACCEPTANCE OF THE M.B.S. DESIGN CONCEPTS, ASSUMPTIONS, AND LOADING. (SECTION 4 AISC CODE AND MBMA 3.3.3)
- 2.5 ONCE THE BUYER/END USE CUSTOMER HAS SIGNED M.B.S. APPROVAL PACKAGE AND THE PROJECT IS RELEASED FOR FABRICATION, CHANGES SHALL BE BILLED TO THE BUYER/END USE CUSTOMER INCLUDING MATERIAL, ENGINEERING AND OTHER COSTS. AN ADDITIONAL FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND SHIPPING SCHEDULE.

- 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. SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS MUST BE FURNISHED BEFORE RELEASE FOR FABRICATION OR M.B.S. ASSUMPTIONS WILL GOVERN (AISC CODE OF STANDARD PRACTICE, LATEST EDITION)

- 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. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT M.B.S. OR ITS DESIGN ENGINEERS ARE ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT. THESE DRAWINGS ARE SEALED ONLY TO CERTIFY THE DESIGN OF THE STRUCTURAL COMPONENTS FURNISHED BY M.B.S.

- 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. TEMPORARY SUPPORTS SUCH AS GUYS, BRACES, FALSEWORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION SHALL BE DETERMINED, FURNISHED AND INSTALLED BY THE ERECTOR. NO ITEMS SHOULD BE PURCHASED FROM A PRELIMINARY SET OF DRAWINGS, INCLUDING ANCHOR BOLTS. USE ONLY FINAL "FOR ERECTION" DRAWINGS FOR THIS USE. (AISC CODE OF STANDARD PRACTICE, LATEST EDITION.)

- 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, BEARING AND TENSION, BUT IT IS NOT RESPONSIBLE FOR THE TRANSFER OF ANCHOR BOLT FORCES TO THE CONCRETE OR THE ADEQUACY OF THE ANCHOR BOLT IN RELATION TO THE CONCRETE. UNLESS OTHERWISE NOTED PROVIDED IN THE ORDER DOCUMENTS, M.B.S. DOES NOT DESIGN AND IS NOT RESPONSIBLE FOR THE DESIGN, MATERIAL AND CONSTRUCTION OF THE FOUNDATION OR FOUNDATION EMBEDMENTS. THE END USE CUSTOMER SHOULD BE ASSURE HIMSELF THAT ADEQUATE PROVISIONS ARE MADE IN THE FOUNDATION DESIGN FOR LOADS IMPOSED BY COLUMN REACTIONS OF THE BUILDING, OTHER IMPOSED LOADS, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE. IT IS RECOMMENDED THAT THE ANCHORAGE AND FOUNDATION OF THE BUILDING BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF SUCH STRUCTURES. (LATEST MBMA LOW RISE BUILDING SYSTEMS MANUAL)

- 2.10 NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTIONS OF MINOR MISFITS BY MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING OR CUTTING, AND THE DRAWING OF ELEMENTS INTO LINE THROUGH THE USE OF DRIFT PINS. ERRORS WHICH CANNOT BE CORRECTED BY THE FOREGOING MEANS OR WHICH REQUIRE MAJOR CHANGES IN MEMBER CONFIGURATION ARE TO BE REPORTED IMMEDIATELY TO M.B.S. BY THE BUYER/END USE CUSTOMER, TO ENABLE WHOEVER IS RESPONSIBLE EITHER TO CORRECT THE ERROR OR TO APPROVE THE MOST EFFICIENT AND ECONOMIC METHOD OF CORRECTION TO BE USED BY OTHERS. (AISC CODE OF STANDARD PRACTICE LATEST EDITION)

- 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, UNLESS SUCH WORK IS CLEARLY SPECIFIED IN THE CONTRACT DOCUMENTS. WHENEVER SUCH WORK IS SPECIFIED, THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR FURNISHING COMPLETE INFORMATION AS TO MATERIALS, SIZE, LOCATION AND NUMBER OF ALTERATIONS PRIOR TO PREPARATION OF SHOP DRAWINGS. (AISC CODE OF STANDARD PRACTICE LATEST EDITION)

- 2.12 **WARNING:** IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSIVE EFFECTS ON THE GALVALUME ALLOY COATING WHEN THEY ARE IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.

- 2.13 **SAFETY COMMITMENT:** METAL BUILDING SUPPLIER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE RECTOR ARE BEYOND THE CONTROL OF M.B.S. IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE. LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKERS SAFETY. MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES. DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

- 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. THE MAXIMUM SNOW DEPTH CAN BE ESTIMATED BASED ON THE DESIGN SNOW LOAD AND THE DENSITY OF SNOW AND/OR ICE BUILDUP. SEE TABLE BELOW.

ROOF SNOW LOAD (IN PSF)	EQUIVALENT SNOW HEIGHT AT ROOF (IN INCHES)	RECOMMENDED SNOW HEIGHT WHEN SNOW REMOVAL SHOULD START (IN INCHES)
20	16.60	8.30
25	17.25	8.62
30	17.90	8.95
35	18.55	9.28
40	19.20	9.60
45	19.85	9.92
50	20.50	10.25
55	21.15	10.58
60	21.80	10.90
65	22.45	11.22
70	23.10	11.55
75	23.75	11.88
80	24.40	12.20

NOTE:  
FOR SNOW/ICE REMOVAL PROCEDURE, REFER TO METAL BUILDING SYSTEM MANUAL 2002 EDITION, SECTION A8.4, PAGE XI-AB-2

**BUILDING LOADS**

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING AS INDICATED:

**DESIGN LOADS:**

- DESIGN CODE / WIND CODE** : IBC-15  
**OCCUPANCY / RISK CATEGORY** : II-Normal  
**ENCLOSURE** : Enclosed  
**ROOF DEAD LOAD (D) (PSF)** : 2.00  
**ROOF COLLATERAL LOAD (C) (PSF)** : 3.00  
**WIND LOAD**  
 ULTIMATE WIND SPEED, (VULT) (MPH) : 130.00  
 WIND EXPOSURE CATEGORY : C  
 INTERNAL PRESSURE COEFFICIENT, (GCpi) : 0.18/-0.18  
 WALL PANEL DESIGN WIND PRESSURE (PSF) : 34.16/-37.00  
 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) : 30.00  
 ROOF SNOW LOAD, (Pf) (PSF) : 30.00  
 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 = 0.185 :S1 = 0.059  
 SPECTRAL RESPONSE COEFFICIENTS : Sds = 0.197 :Sd1 = 0.094  
 SEISMIC DESIGN CATEGORY : B  
 BASIC SEISMIC FORCE RESISTING SYSTEM : STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR RESISTANCE  
**OTHER LOADS/REQUIREMENTS**  
 RIGID FRAMES (OMF) : BRACED FRAMES (OCBF/OMF)  
 LONGITUDINAL = 2.89  
 TRANSVERSE = 2.74  
 RIGID FRAMES = 3.00  
 SW WIND BENT = 3.00  
 RIGID FRAMES = 0.0658  
 SW WIND BENT = 0.0658  
 EQUIVALENT LATERAL FORCE PROCEDURE

**BUILDING DESCRIPTION:**

- WIDTH (FT) : 55.00  
 LENGTH (FT) : 90.00  
 EAVE HEIGHT AT BSW (FT) : 16.00  
 EAVE HEIGHT AT FSW (FT) : 16.00  
 ROOF SLOPE AT BSW : 1.0:12  
 ROOF SLOPE AT FSW : 1.0:12  
 BAY SPACING (FT) : 4 AT 22.50

**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 : ASH GRAY  
 TRIM COLORS  
 CORNER : CHARCOAL GRAY  
 FRAMED OPENING : CHARCOAL GRAY  
 DOWNSPOUTS : CHARCOAL GRAY  
 BASE : CHARCOAL GRAY

**WAINSCOT PANELS & TRIMS**

- PANEL TYPE : 26 GA. PBR  
 PANEL COLOR : CHARCOAL GRAY  
 TRIM COLORS : CHARCOAL GRAY

- INSULATION**  
 ROOF INSULATION : 9 1/2" (R-30) SKYLINER  
 WALL INSULATION : 8" (R-25) SKYLINER

CHK.	ENG.	MEZ	RTS	MEZ	RTS	CAF	RTS	OGR	RTS



CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	2 OF 18
JOB NUMBER:	93598
SHEET TITLE:	BUILDING INFO COVERSHEET

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.

ANCHOR BOLT SUMMARY

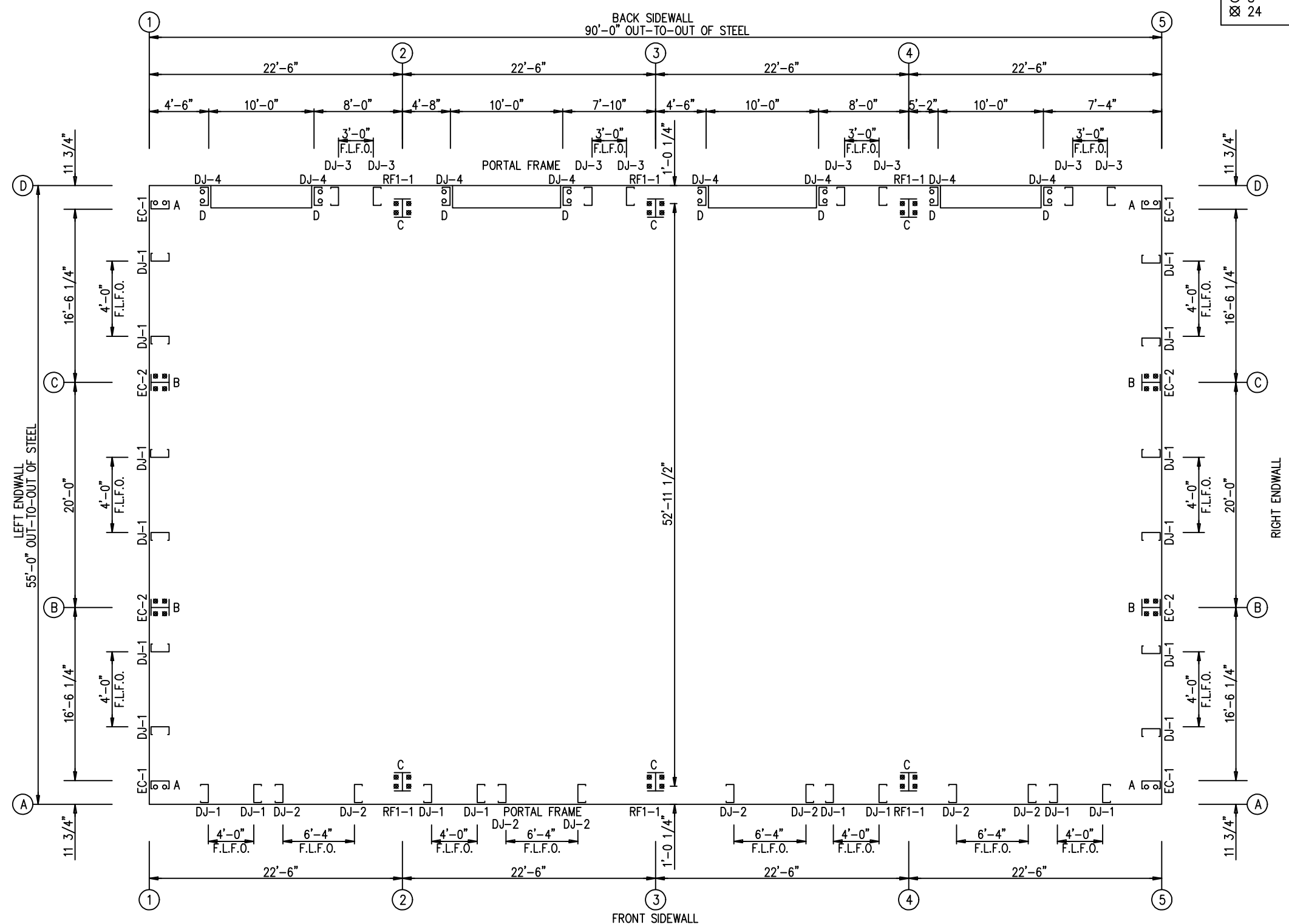
QTY	LOCATE	DIA (in)	TYPE
16	JAMB	5/8"	A307
16	ENDWALL	3/4"	A307
8	ENDWALL	5/8"	A307
24	FRAME	3/4"	A307

DATE	DWN.	CHK.	ENG.
16/7/21	MEZ	MEZ	RTS
16/7/23	AA	CAF	RTS
10/19/23	OGR	OGR	RTS



3033 S. PARKER RD 12 FLOOR  
 AURORA, CO 80014  
 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 18
JOB NUMBER:	93598
SHEET TITLE:	ANCHOR BOLT PLAN

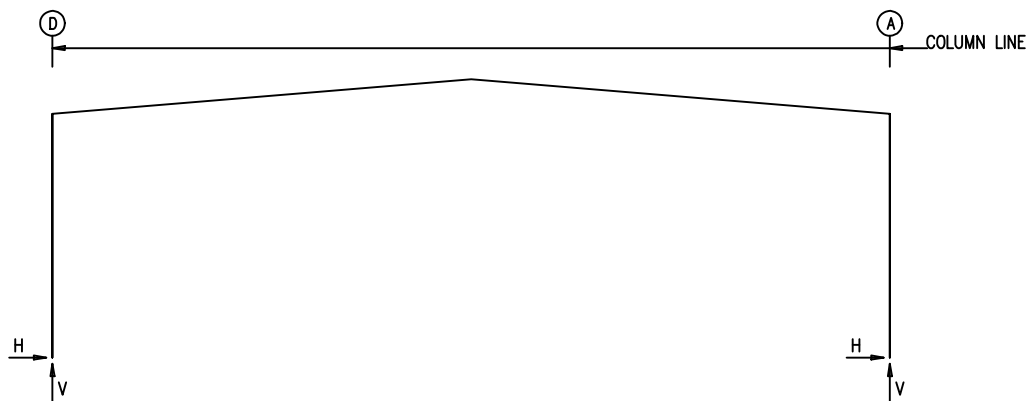


ANCHOR BOLT PLAN  
 NOTE: ALL BASE PLATES @ 100'-0" (U.N.)  
 F.L.F.O.= FIELD LOCATED FRAME OPENING

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FRAME LINES: 2 3 4



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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) QTY	DIA	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
2*	D	1	14.2	23.4	2	-6.4	-9.2	4	0.750	6.000	10.50	0.500	0.0
		4	-2.4	-10.2									
2*	A	3	6.4	-9.2	1	-14.2	23.4	4	0.750	6.000	10.50	0.500	0.0
		1	-14.2	23.4	5	2.4	-10.2						
2* FRAME lines: 2 3 4													

NOTES FOR REACTIONS

- Building reactions are based on the following building data:
- Width (ft) = 55.00
  - Length (ft) = 90.00
  - Eave Height (ft) = 16.00/16.00
  - Roof Slope (rise/12) = 1.0:12/1.0:12
  - Dead Load (psf) = 2.00
  - Collateral Load (psf) = 3.00
  - Live Load (psf) = 20.00
  - Snow Load (psf) = 30.00
  - Ultimate Wind Speed (mph) = 130.00
  - Wind Code = IBC-15
  - Exposure = C
  - Closed/Open = Enclosed
  - Importance Wind = 1.00
  - Importance Seismic = 1.00
  - Seismic Zone = B
  - Seismic Coeff (Fa\*Ss) = 0.30

ID	Description
1	Dead+Collateral+Snow+Slide_Snow
2	0.6Dead+0.6Wind_Left1
3	0.6Dead+0.6Wind_Right1
4	0.6Dead+0.6Wind_Long1L
5	0.6Dead+0.6Wind_Long2L
6	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
7	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
8	Dead+Collateral+E1UNB_SL_L
9	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
10	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
11	Dead+Collateral+E1UNB_SL_R
12	Dead+Collateral+E2UNB_SL_L
13	Dead+Collateral+E2UNB_SL_R

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
		Horz	Vert	Horz	Vert	Wind	Seis	
L_EW	1					53	10	
F_SW	A	2,3	2.9	3.8	0.7	0.9		(b)
R_EW	5					53	10	
B_SW	D	2,3	2.9	3.8	0.7	0.9		(b)

(b)Wind bent in bay, base above finish floor

Reactions for seismic represent shear force, Eh

RIGID FRAME: BASIC COLUMN REACTIONS (k)

FRAME Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	D	1.1	2.2	1.2	2.0	7.9	12.8	11.9	19.2	-11.7	-17.5	-4.5	-11.5
2*	A	-1.1	2.2	-1.2	2.0	-7.9	12.8	-11.9	19.2	4.5	-11.5	11.7	-17.5

FRAME Line	Column Line	Wind_Left2		Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	D	-9.3	-10.5	-2.0	-4.4	-5.1	-19.1	-5.6	-16.2	-0.3	-0.2	0.3	0.2
2*	A	2.0	-4.4	9.3	-10.5	5.6	-16.2	5.1	-19.1	-0.3	0.2	0.3	-0.2

FRAME Line	Column Line	Seismic_Long		MIN_SNOW		F1UNB_SL_L		F1UNB_SL_R	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	D	0.0	-0.9	7.9	12.8	9.3	18.4	9.3	10.1
2*	A	0.0	-0.9	-7.9	12.8	-9.3	10.1	-9.3	18.4

2\* FRAME lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1		Wind Right1		Wind Left2		Wind Right2		Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert				
1	D	0.3	0.3	2.0	3.0	-3.9	-2.0	-2.8	-0.9	-1.8	2.1	-3.4	-2.0				
1	C	0.9	0.8	5.1	7.6	-9.1	-5.7	-6.3	-2.9	-4.1	4.5	-8.9	-5.5				
1	B	0.9	0.8	5.1	7.6	-5.7	-9.1	-2.9	-6.3	-4.1	4.5	-5.5	-8.9				
1	A	0.3	0.3	2.0	3.0	-2.0	-3.9	-0.9	-2.8	-1.8	2.1	-2.0	-3.4				

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	Seis Long Vert	-MIN_SNOW-		E1UNB_SL_L-		E1UNB_SL_R-	
					Horz	Vert	Horz	Vert	Horz	Vert
1	D	0.0	0.0	0.0	0.0	2.0	0.0	3.1	0.0	0.8
1	C	0.0	0.0	0.0	0.0	5.1	0.0	8.9	0.0	2.9
1	B	0.0	0.0	0.0	0.0	5.1	0.0	2.9	0.0	8.9
1	A	0.0	0.0	0.0	0.0	2.0	0.0	0.8	0.0	3.1

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1		Wind Right1		Wind Left2		Wind Right2		Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert				
5	A	0.3	0.3	2.0	3.0	-3.9	-2.0	-2.8	-0.9	-1.8	2.1	-3.4	-2.0				
5	B	0.9	0.8	5.1	7.6	-9.1	-5.7	-6.3	-2.9	-4.1	4.5	-8.9	-5.5				
5	C	0.9	0.8	5.1	7.6	-5.7	-9.1	-2.9	-6.3	-4.1	4.5	-5.5	-8.9				
5	D	0.3	0.3	2.0	3.0	-2.0	-3.9	-0.9	-2.8	-1.8	2.1	-2.0	-3.4				

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	Seis Long Vert	-MIN_SNOW-		E2UNB_SL_L-		E2UNB_SL_R-	
					Horz	Vert	Horz	Vert	Horz	Vert
5	A	0.0	0.0	0.0	0.0	2.0	0.0	3.1	0.0	0.8
5	B	0.0	0.0	0.0	0.0	5.1	0.0	8.9	0.0	2.9
5	C	0.0	0.0	0.0	0.0	5.1	0.0	2.9	0.0	8.9
5	D	0.0	0.0	0.0	0.0	2.0	0.0	0.8	0.0	3.1

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) QTY	DIA	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
1	D	6	1.3	-2.1	7	-1.1	-1.9	2	0.625	3.500	8.000	0.250	0.0
		8	0.0	3.7	6	1.3	-2.1						
1	C	6	2.7	-4.9	7	-2.5	-4.8	4	0.750	6.000	8.000	0.375	0.0
		8	0.0	10.6	6	2.7	-4.9						
1	B	9	2.7	-4.9	10	-2.5	-4.8	4	0.750	6.000	8.000	0.375	0.0
		11	0.0	10.6	9	2.7	-4.9						
1	A	9	1.3	-2.1	10	-1.1	-1.9	2	0.625	3.500	8.000	0.250	0.0
		11	0.0	3.7	9	1.3	-2.1						
5	A	6	1.3	-2.1	7	-1.1	-1.9	2	0.625	3.500	8.000	0.250	0.0
		12	0.0	3.7	6	1.3	-2.1						
5	B	6	2.7	-4.9	7	-2.5	-4.8	4	0.750	6.000	8.000	0.375	0.0
		12	0.0	10.6	6	2.7	-4.9						
5	C	9	2.7	-4.9	10	-2.5	-4.8	4	0.750	6.000	8.000	0.375	0.0
		13	0.0	10.6	9	2.7	-4.9						
5	D	9	1.3	-2.1	10	-1.1	-1.9	2	0.625	3.500	8.000	0.250	0.0
		13	0.0	3.7	9	1.3	-2.1						

ANCHOR BOLT SUMMARY

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

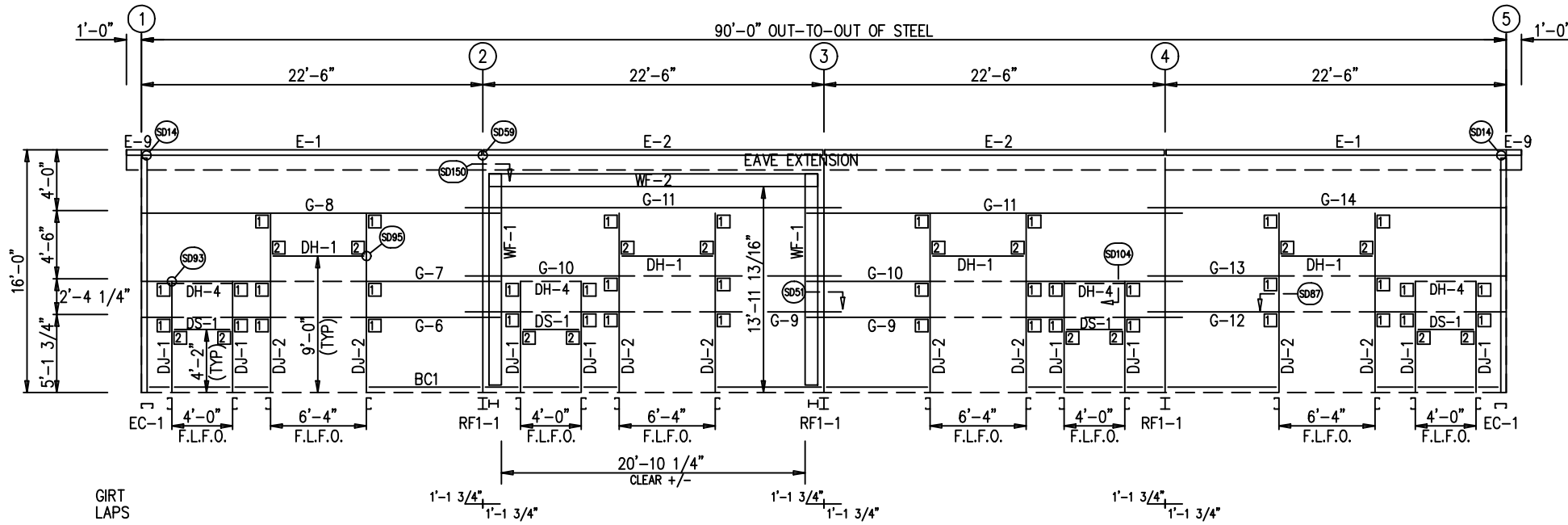
DATE	ISSUE	APPROVAL	PERMIT	ERECTION	DATE	CHK.	ENG.	RIS	RIS	RIS	RIS	RIS	RIS	RIS	RIS	RIS	RIS	RIS	
																			16/7/21

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							N.T.S.	5 OF 18	93598	ANCHOR BOLT REACTIONS

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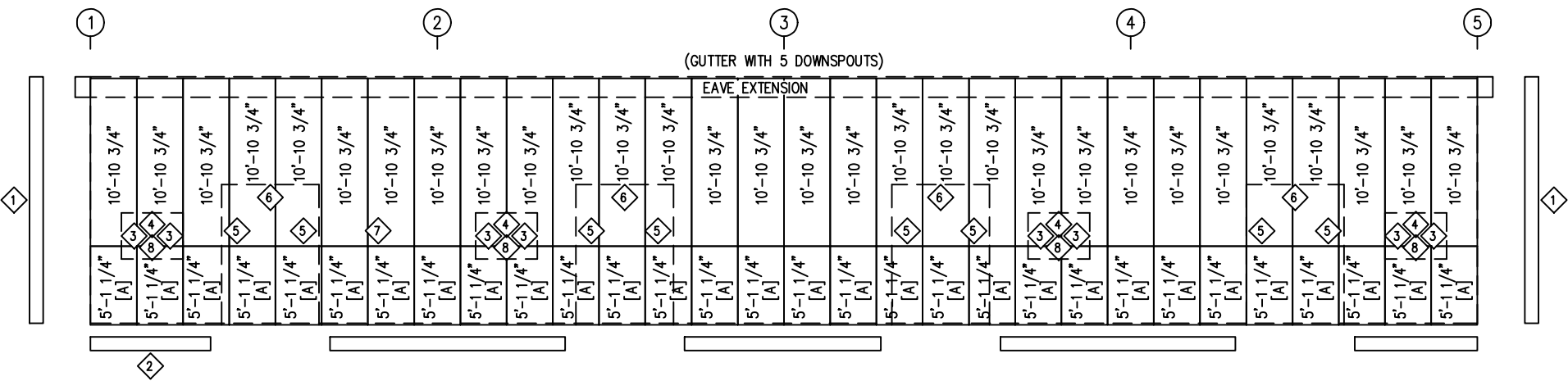
SIDEWALL FRAMING: FRAME LINE A  
NOTE: F.L.F.O. = FIELD LOCATED FRAME OPENING

TRIM TABLE FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-10	16'-0"	TD40
2	9	FL-60	10'-2"	TD75
3	8	FL-48	3'-4"	TD51
4	4	FL-52	4'-4"	TD52
5	8	FL-48	9'-2"	TD51
6	4	FL-52	6'-8"	TD52
7	9	FL-237	10'-2"	TD199
8	4	FL-50	4'-4"	TD52

BOLT TABLE FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	5/8"	1 3/4"
WF-1 - RF1-1	8	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE A			
QUAN	MARK	PART	LENGTH
2	WF-1	W10X12	14'-4"
1	WF-2	W10X22	20'-9 7/16"
8	DJ-1	8x25C16	7'-2"
8	DJ-2	8x25C16	11'-8"
4	DH-1	8x25C16	6'-3 1/2"
4	DH-4	GH-1	4'-0"
4	DS-1	8x25C16	3'-11 1/2"
2	E-1	L08E16-1	21'-5 13/16"
2	E-2	L08E16-1	21'-9 13/16"
2	E-9	L08E16-1	11 11/16"
1	G-6	8X35Z16	23'-7 1/2"
1	G-7	8X25Z16	23'-7 1/2"
1	G-8	8X25Z12	23'-7 1/2"
2	G-9	8X35Z16	24'-9 1/2"
2	G-10	8X25Z16	24'-9 1/2"
2	G-11	8X25Z14	24'-9 1/2"
1	G-12	8X35Z16	23'-7 1/2"
1	G-13	8X25Z16	23'-7 1/2"
1	G-14	8X25Z12	23'-7 1/2"

CONNECTION PLATES FRAME LINE A		
ID	QUAN	MARK
1	40	CL-103
2	16	CL-100



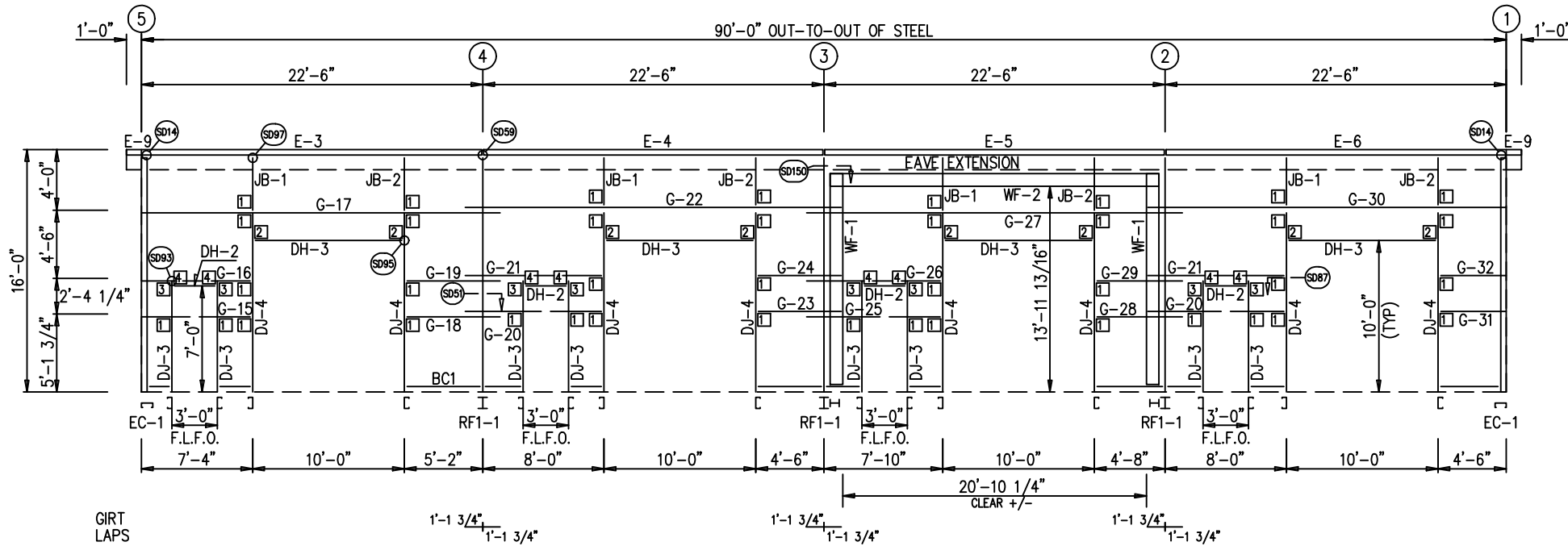
SIDEWALL SHEETING & TRIM: FRAME LINE A  
PANELS: 26 GA. PBR - ASH GRAY  
[A] PANELS: 26 GA. PBR - CHARCOAL GRAY

ISSUE	APPROVAL	PERMIT	ERECTION	DATE	DWN.	CHK.	ENG.
				10/18/23			

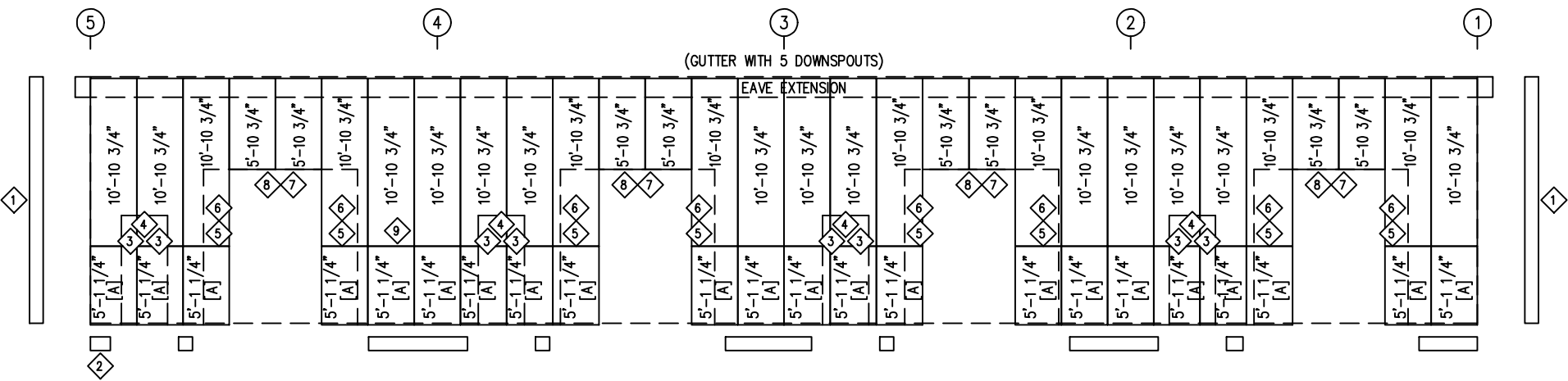
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SCALE:	N.T.S.
SHEET NUMBER:	7 OF 18
JOB NUMBER:	93598
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

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



SIDEWALL SHEETING & TRIM: FRAME LINE D  
PANELS: 26 GA. PBR - ASH GRAY  
[A] PANELS: 26 GA. PBR - CHARCOAL GRAY

TRIM TABLE FRAME LINE D				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-10	16'-0"	TD40
2	5	FL-60	10'-2"	TD75
3	8	FL-48	7'-2"	TD51
4	4	FL-52	3'-4"	TD52
5	8	FL-55	10'-3"	TD51
6	8	FL-48	10'-2"	TD51
7	4	FL-55	10'-7"	TD52
8	4	FL-52	10'-4"	TD52
9	5	FL-237	10'-2"	TD199

BOLT TABLE FRAME LINE D				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	5/8"	1 3/4"
WF-1 - RF1-1	8	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE D			
QUAN	MARK	PART	LENGTH
2	WF-1	W10X12	14'-4"
1	WF-2	W10X22	20'-9 7/16"
8	DJ-3	8X25C16	7'-2"
8	DJ-4	8X25C16	11'-8"
4	DH-2	8X25C16	2'-11 1/2"
4	DH-3	8X25C16	9'-11 1/2"
1	E-3	L08E16-1	21'-5 13/16"
1	E-4	L08E16-1	21'-9 13/16"
1	E-5	L08E16-1	21'-9 13/16"
1	E-6	L08E16-1	21'-5 13/16"
2	E-9	L08E16-1	11 11/16"
1	G-15	8X35Z16	6'-11 11/16"
1	G-16	8X25Z16	6'-11 11/16"
1	G-17	8X25Z12	23'-7 1/2"
1	G-18	8X35Z16	5'-11 11/16"
1	G-19	8X25Z16	5'-11 11/16"
2	G-20	8X35Z16	8'-9 11/16"
2	G-21	8X25Z16	8'-9 11/16"
1	G-22	8X25Z14	24'-9 1/2"
1	G-23	8X35Z16	5'-3 11/16"
1	G-24	8X25Z16	5'-3 11/16"
1	G-25	8X35Z16	8'-7 11/16"
1	G-26	8X25Z16	8'-7 11/16"
1	G-27	8X25Z14	24'-9 1/2"
1	G-28	8X35Z16	5'-5 11/16"
1	G-29	8X25Z16	5'-5 11/16"
1	G-30	8X25Z12	23'-7 1/2"
1	G-31	8X35Z16	4'-1 11/16"
1	G-32	8X25Z16	4'-1 11/16"
4	JB-1	8X25C16	3'-0 3/8"
4	JB-2	8X25C16	3'-0 3/8"

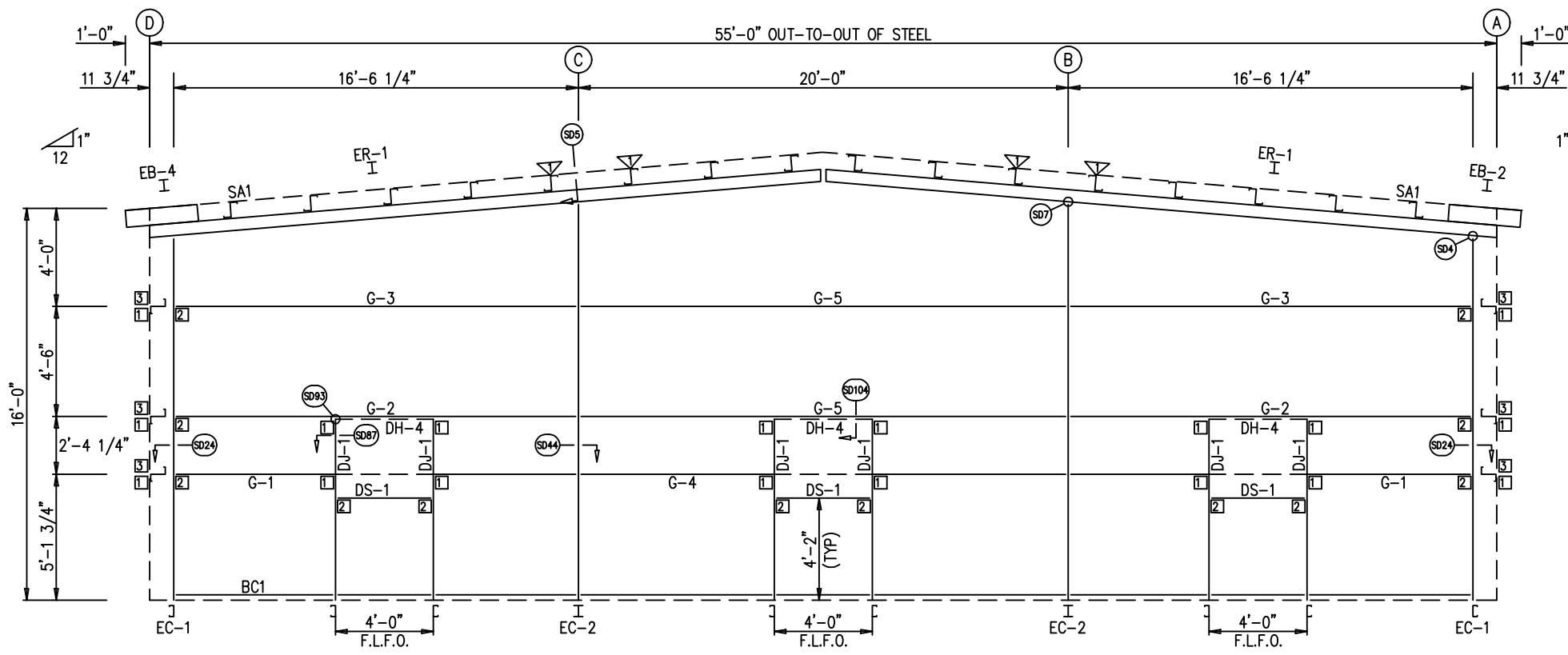
CONNECTION PLATES FRAME LINE D		
ID	QUAN	MARK
1	40	CL-103
2	8	CL-100
3	8	GW-500
4	8	CL-48

ISSUE	APPROVAL	PERMIT	ERECTION	DATE	DWN.	CHK.	ENG.
				10/18/23	MEZ	MEZ	RTS
				10/18/23	AA	CAF	RTS
				10/18/23	OGR	OGR	RTS

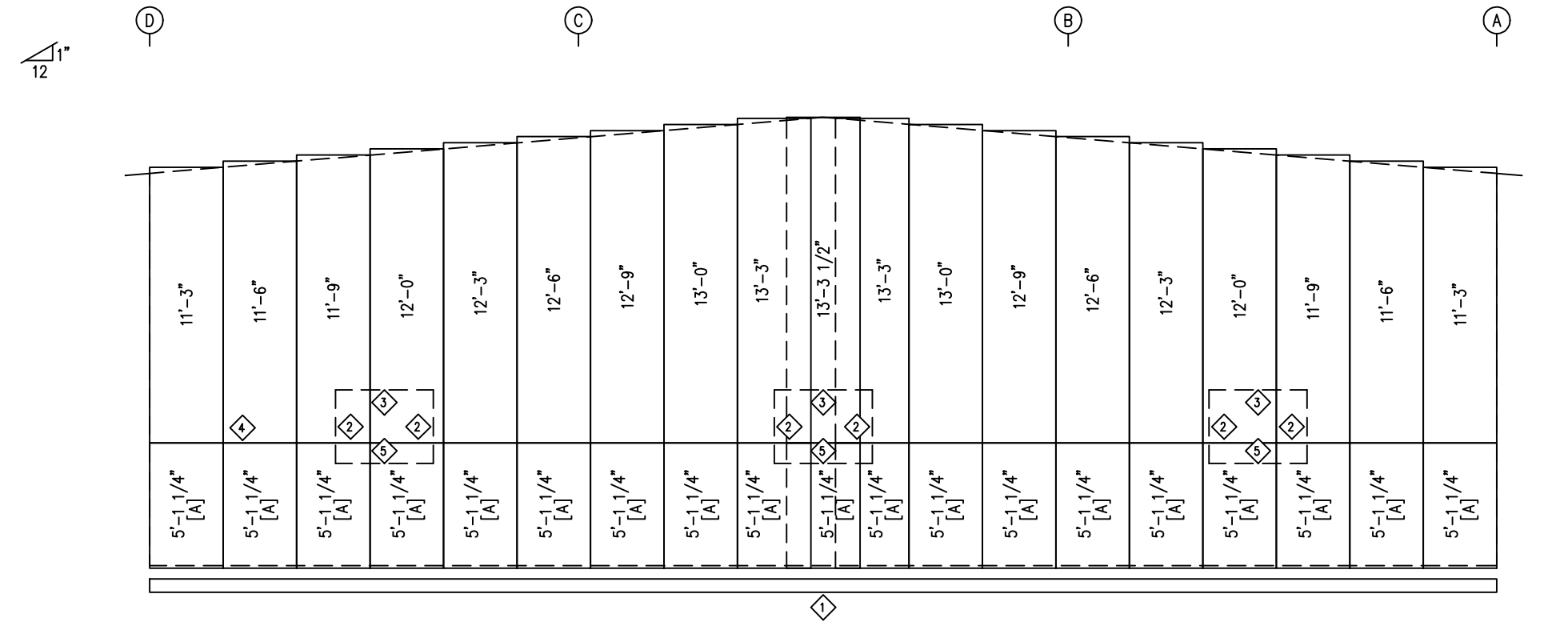
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CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	8 OF 18
JOB NUMBER:	93598
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

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ENDWALL FRAMING: FRAME LINE 1  
NOTE: F.L.F.O.= FIELD LOCATED FRAME OPENING



ENDWALL SHEETING & TRIM: FRAME LINE 1  
PANELS: 26 GA. PBR - ASH GRAY  
[A] PANELS: 26 GA. PBR - CHARCOAL GRAY

TRIM TABLE  
FRAME LINE 1

ID	QUAN	PART	LENGTH	DETAIL
1	6	FL-60	10'-2"	TD75
2	6	FL-48	3'-4"	TD51
3	3	FL-52	4'-4"	TD52
4	6	FL-237	10'-2"	TD199
5	3	FL-50	4'-4"	TD52

BOLT TABLE  
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	5/8"	1 1/2"
COLUMNS/RAFTER	2	A325	5/8"	1 1/2"

MEMBER TABLE  
FRAME LINE 1

QUAN	MARK	PART	LENGTH
1	EB-2	W8X10	2'-0 3/4"
1	EB-4	W8X10	2'-0 3/4"
2	EC-1	8x25C14	14'-8 1/16"
2	EC-2	W8X10	16'-0 9/16"
2	ER-1	W8X10	27'-6 7/8"
6	DJ-1	8x25C16	7'-2"
3	DH-4	GH-1	4'-0"
3	DS-1	8x25C16	3'-11 1/2"
2	G-1	8X35Z16	16'-1 15/16"
2	G-2	8X25Z14	16'-1 15/16"
2	G-3	8X25Z16	16'-1 15/16"
1	G-4	8X35Z16	19'-3 13/16"
2	G-5	8X25Z12	19'-3 13/16"

CONNECTION PLATES  
FRAME LINE 1

ID	QUAN	MARK
1	18	CL-103
2	12	CL-100
3	6	CL-5

FLANGE BRACE TABLE  
FRAME LINE 1

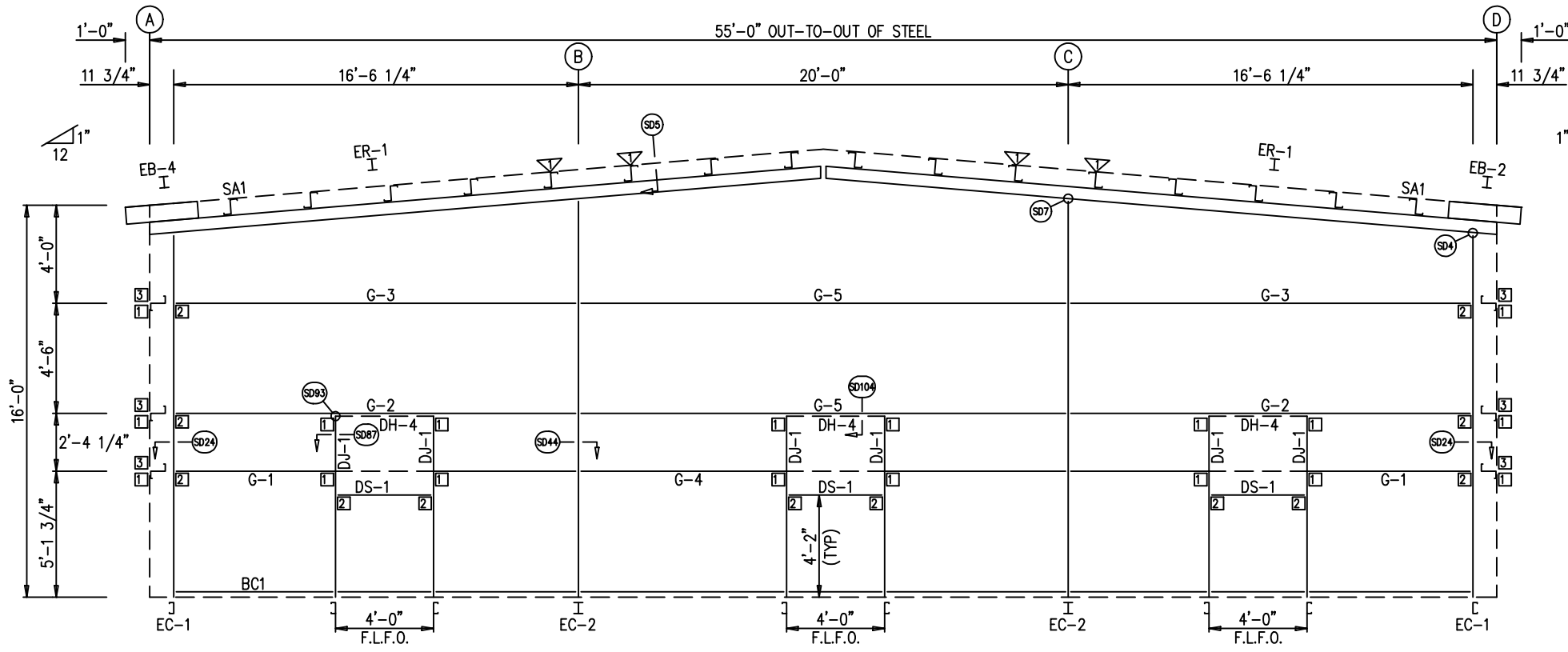
ID	QUAN	MARK
1	4	FB28.3

DATE	DWN.	CHK.	ENG.
10/26/23			
10/26/23			
10/19/23			

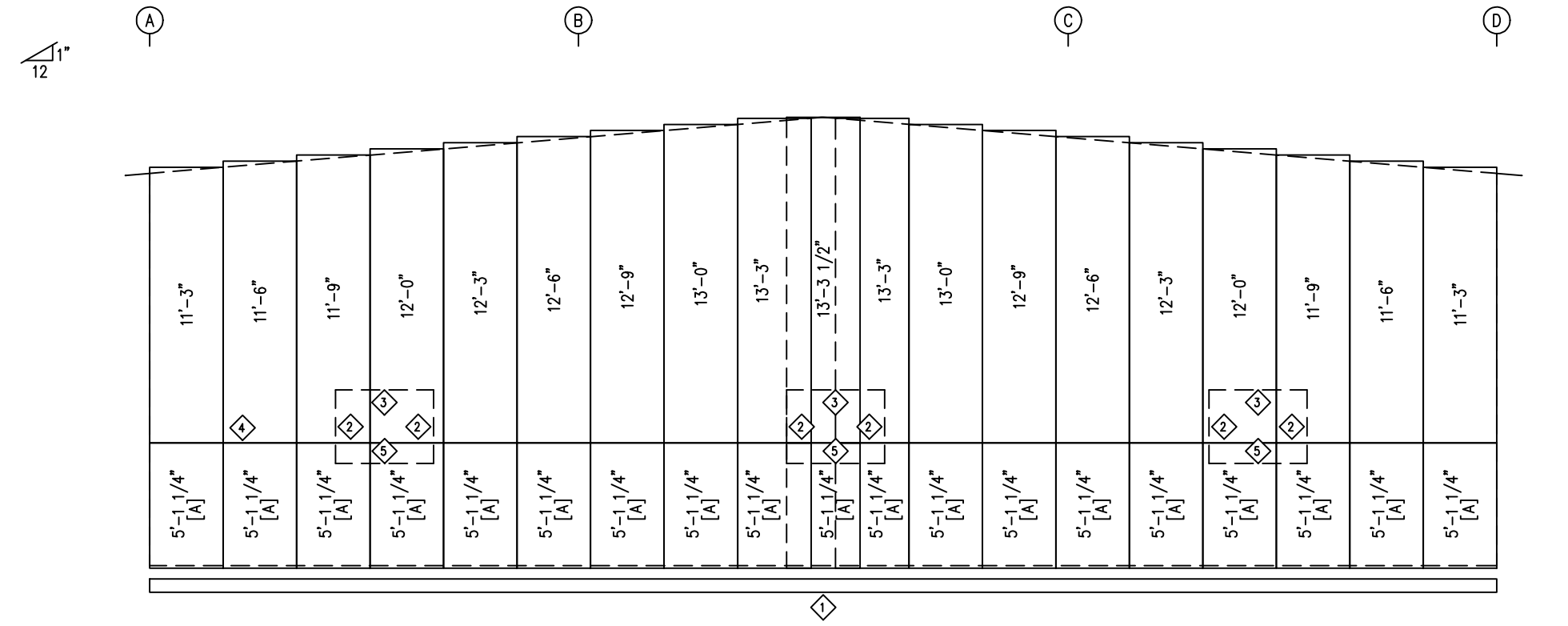
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CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	9 OF 18
JOB NUMBER:	93598
SHEET TITLE:	ENDWALL FRAMING & SHEETING

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ENDWALL FRAMING: FRAME LINE 5  
NOTE: F.L.F.O.= FIELD LOCATED FRAME OPENING



ENDWALL SHEETING & TRIM: FRAME LINE 5  
PANELS: 26 GA. PBR - ASH GRAY  
[A] PANELS: 26 GA. PBR - CHARCOAL GRAY

TRIM TABLE  
FRAME LINE 5

ID	QUAN	PART	LENGTH	DETAIL
1	5	FL-60	10'-2"	TD75
2	6	FL-48	3'-4"	TD51
3	3	FL-52	4'-4"	TD52
4	6	FL-237	10'-2"	TD199
5	3	FL-50	4'-4"	TD52

BOLT TABLE  
FRAME LINE 5

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	5/8"	1 1/2"
COLUMNS/RAFTER	2	A325	5/8"	1 1/2"

MEMBER TABLE  
FRAME LINE 5

QUAN	MARK	PART	LENGTH
1	EB-2	W8X10	2'-0 3/4"
1	EB-4	W8X10	2'-0 3/4"
2	EC-1	8x25C14	14'-8 1/16"
2	EC-2	W8X10	16'-0 9/16"
2	ER-1	W8X10	27'-6 7/8"
6	DJ-1	8x25C16	7'-2"
3	DH-4	GH-1	4'-0"
3	DS-1	8x25C16	3'-11 1/2"
2	G-1	8X35Z16	16'-1 15/16"
2	G-2	8X25Z14	16'-1 15/16"
2	G-3	8X25Z16	16'-1 15/16"
1	G-4	8X35Z16	19'-3 13/16"
2	G-5	8X25Z12	19'-3 13/16"

CONNECTION PLATES  
FRAME LINE 5

ID	QUAN	MARK
1	18	CL-103
2	12	CL-100
3	6	CL-5

FLANGE BRACE TABLE  
FRAME LINE 5

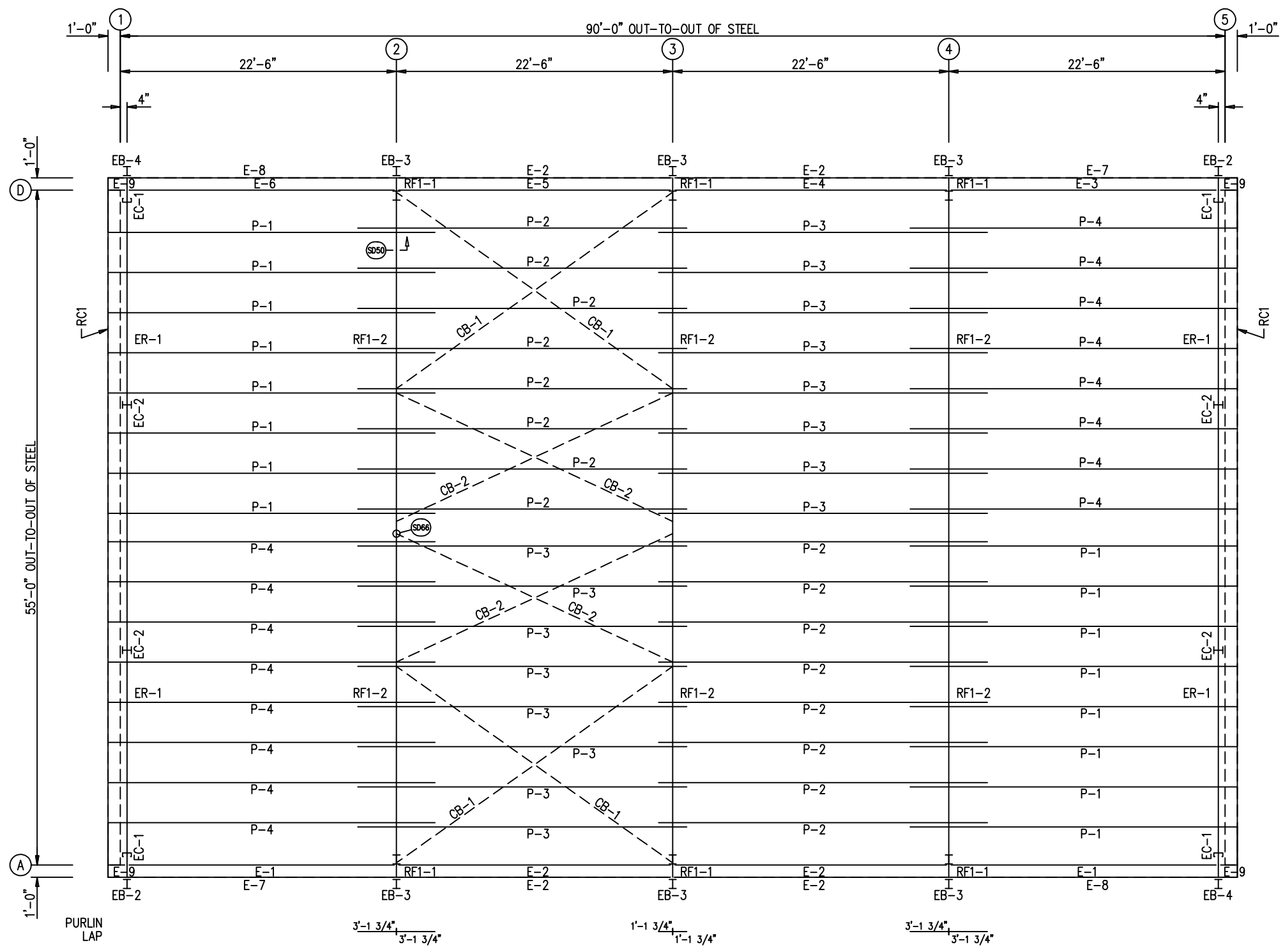
ID	QUAN	MARK
1	4	FB28.3

DATE	DWN.	CHK.	ENG.
10/18/23			
10/18/23			
10/18/23			

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PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	10 OF 18
JOB NUMBER:	93598
SHEET TITLE:	ENDWALL FRAMING & SHEETING

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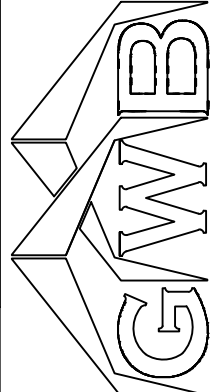
**BOLT TABLE**  
ROOF PLAN

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"

**MEMBER TABLE**  
ROOF PLAN

QUAN	MARK	PART	LENGTH
2	EB-2	W8X10	2'-0 3/4"
6	EB-3	W8X10	2'-0 3/4"
2	EB-4	W8X10	2'-0 3/4"
16	P-1	8X25Z14	26'-7 1/2"
16	P-2	8X25Z16	26'-9 1/2"
16	P-3	8X25Z16	26'-9 1/2"
16	P-4	8X25Z14	26'-7 1/2"
2	E-1	L08E16-1	21'-5 13/16"
6	E-2	L08E16-1	21'-9 13/16"
1	E-3	L08E16-1	21'-5 13/16"
1	E-4	L08E16-1	21'-9 13/16"
1	E-5	L08E16-1	21'-9 13/16"
1	E-6	L08E16-1	21'-5 13/16"
2	E-7	L08E16-1	23'-1 11/16"
2	E-8	L08E16-1	23'-1 11/16"
4	E-9	L08E16-1	11 11/16"
4	CB-1	CB0250	27'-3 3/4"
4	CB-2	CB0250	25'-2"

DATE	DWN.	CHK.	ENG.
10/18/23			
10/18/23			
10/18/23			

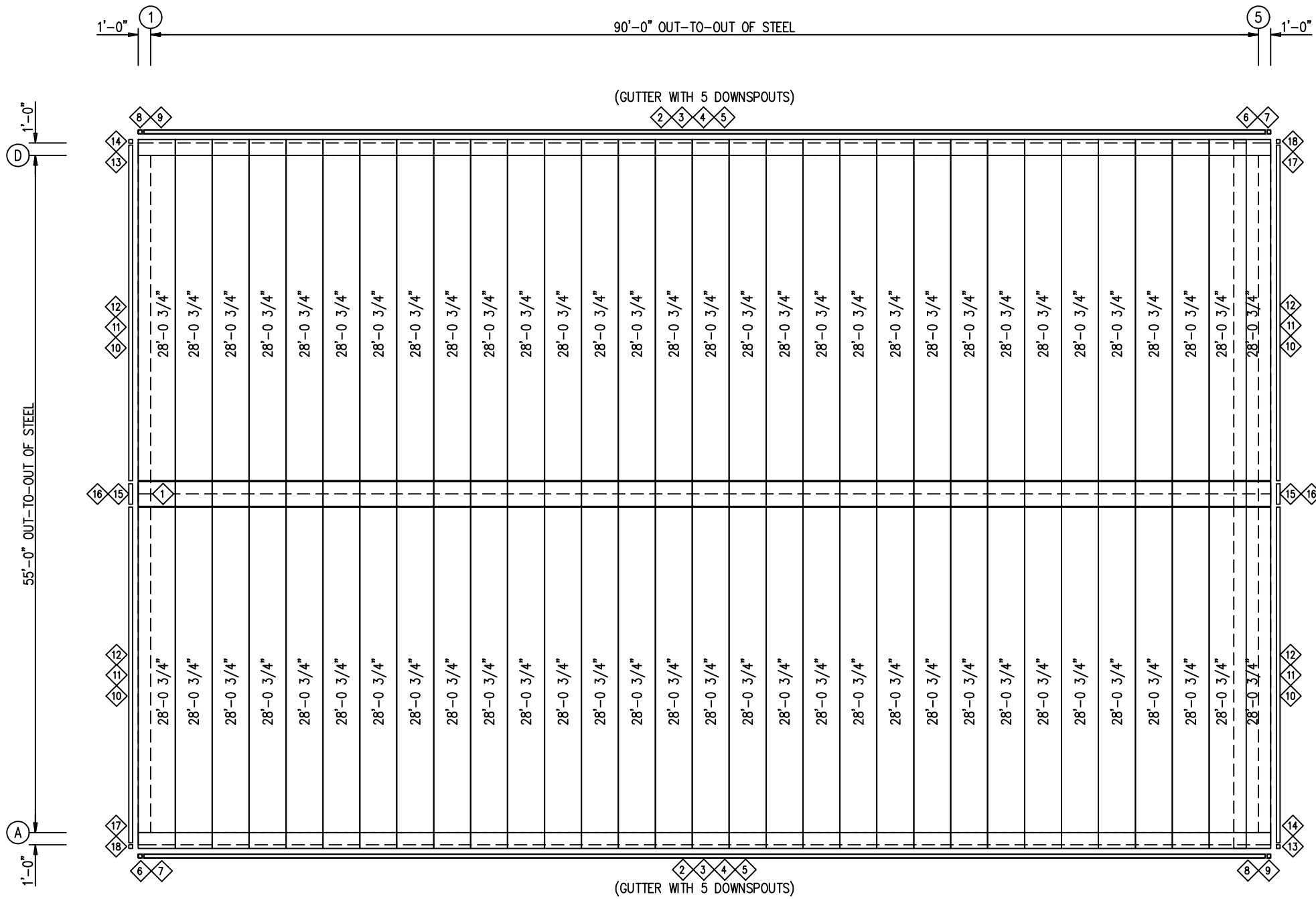


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CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	11 OF 18
JOB NUMBER:	93598
SHEET TITLE:	ROOF FRAMING PLAN

ROOF FRAMING PLAN

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ROOF SHEETING PLAN  
 PANELS: 26 GA. PBR - CHARCOAL GRAY

TRIM TABLE				
ROOF PLAN				
ID	QUAN	PART	LENGTH	DETAIL
1	31	PS-26R	3'-0"	TD8
2	16	FL-501	11'-9"	TD20
3	16	FL-502	11'-6"	TD20
4	12	FL-32	12'-2"	TD20
5	16	FL-31	11'-8"	TD20
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	12	FL-503	9'-9"	TD24
11	12	FL-504	9'-5"	TD24
12	2	FL-21	9'-5"	TD24
13	8	FL-21L	11'-2"	TD13
14	2	FL-328L	9"	TD85
15	2	FL-23	1'-4"	TD72
16	2	FL-88	1'-2"	TD13
17	2	FL-21R	11'-2"	TD13
18	2	FL-328R	9"	TD85

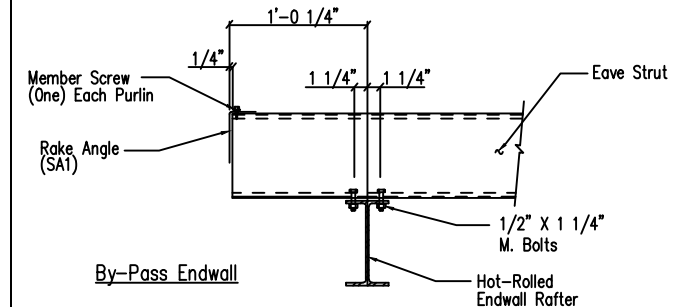
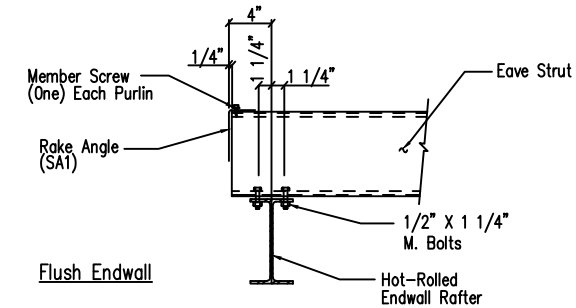
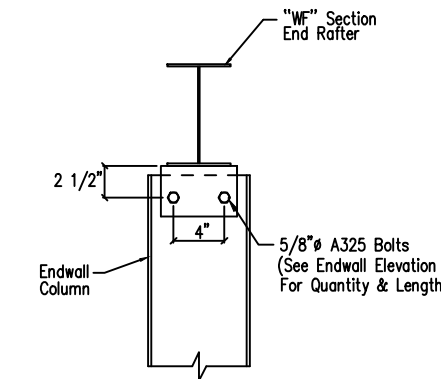
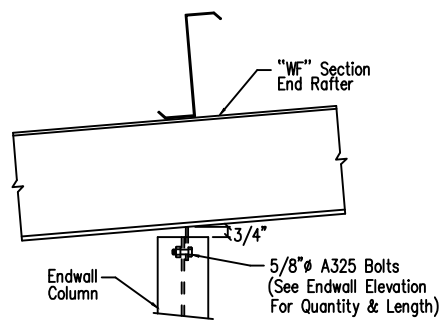
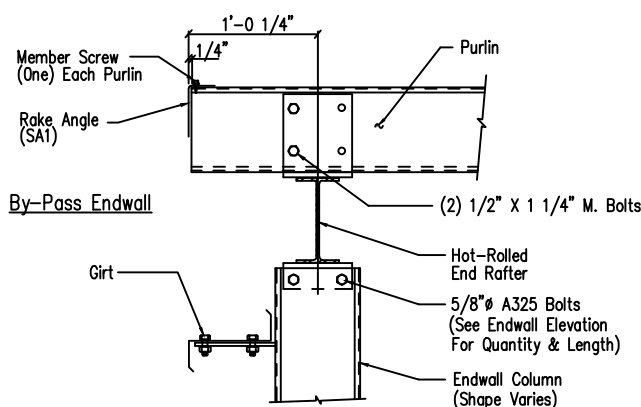
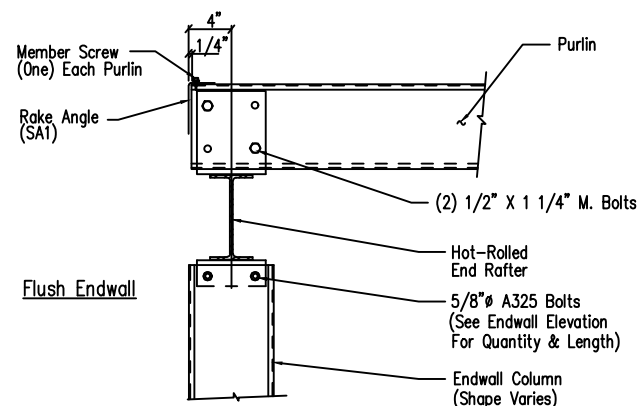
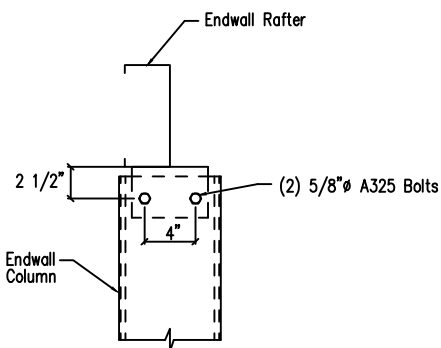
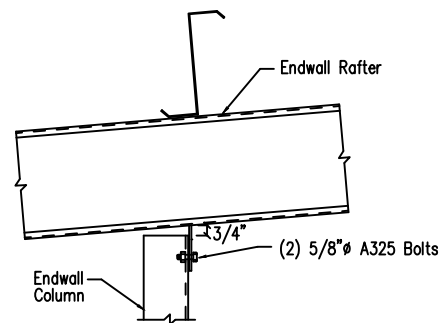
ISSUE	DATE	CHK.	ENG.			
			DWN.	MEZ	RTS	RTS
APPROVAL	16/7/21					
PERMIT	16/7/21					
ERECTION	10/19/23					



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PROJECT LOCATION:	
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PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	12 OF 18
JOB NUMBER:	93598
SHEET TITLE:	ROOF SHEETING PLAN

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Cold Form Column to Cold Form Rafter

DRAWING NO. SD4

Section Thru Rake w/Hot Rolled Rafter

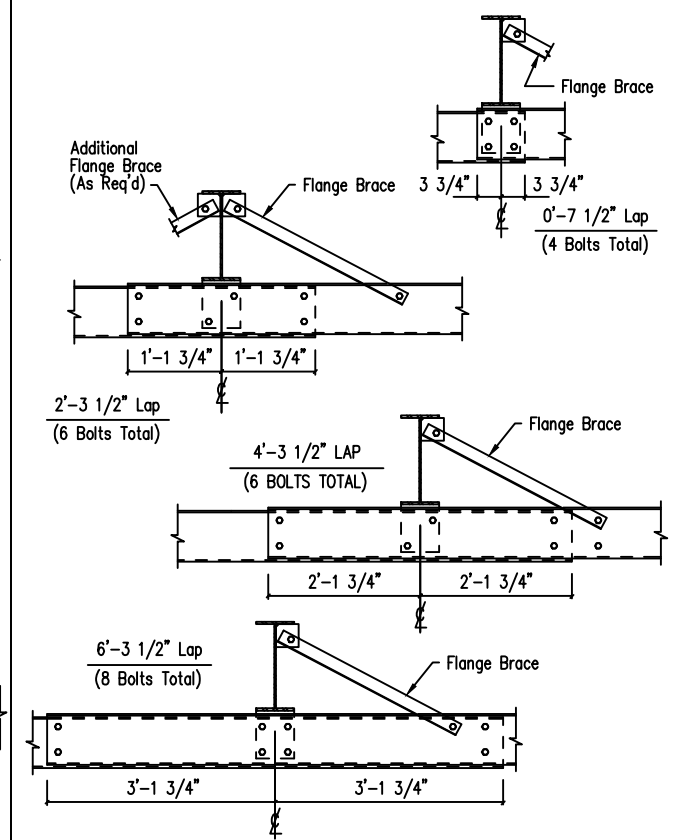
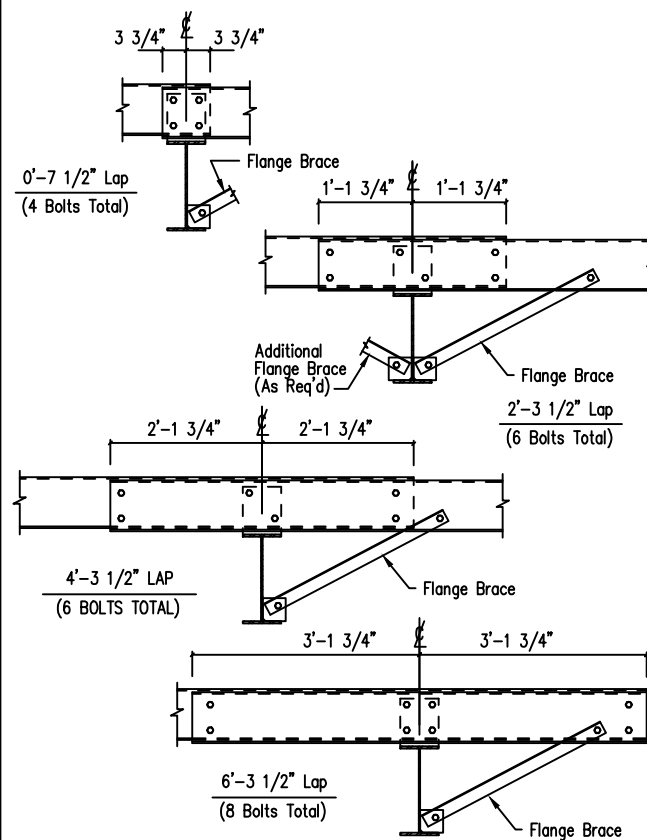
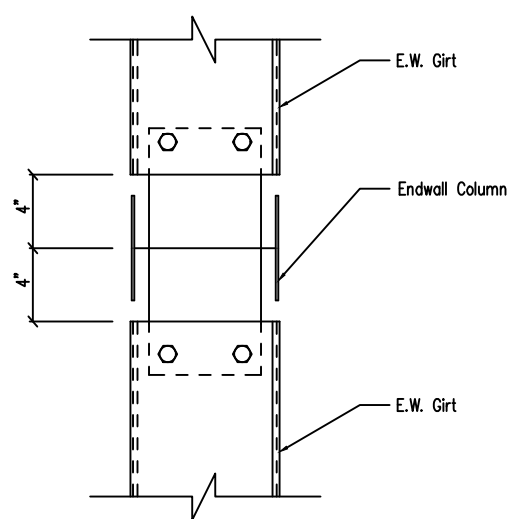
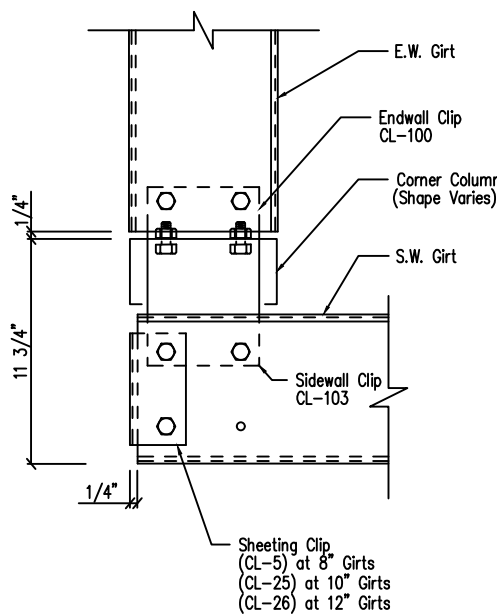
DRAWING NO. SD5

Hot Rolled Column to Hot Rolled Rafter

DRAWING NO. SD7

Eave Strut to Hot Rolled Rafter Connection

DRAWING NO. SD14



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.

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Section at "C" Corner Column  
Flush Endwall

DRAWING NO. SD24

Girt to Hot Rolled Endwall Column Connection

DRAWING NO. SD44

Interior Bay Purlin Framing

DRAWING NO. SD50

Interior Bay Girt Framing

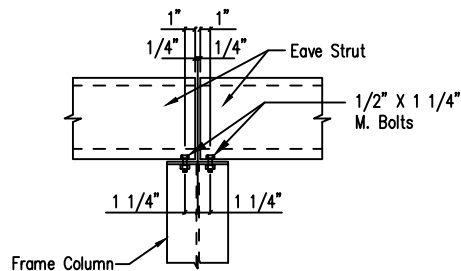
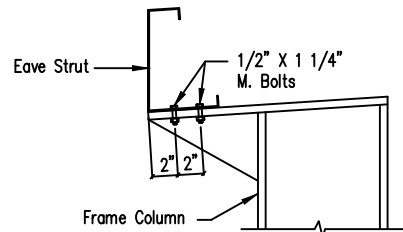
DRAWING NO. SD51

DATE	DWN.	CHK.	ENG.
10/26/21	MEZ	MEZ	RTS
10/26/21	AA	CAF	RTS
10/18/23	OGR	OGR	RTS

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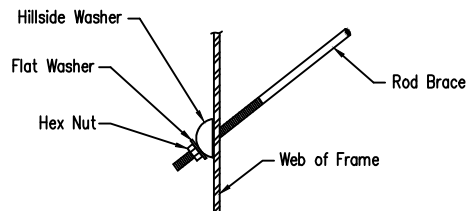
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	13 OF 18
JOB NUMBER:	93598
SHEET TITLE:	DETAIL DRAWINGS

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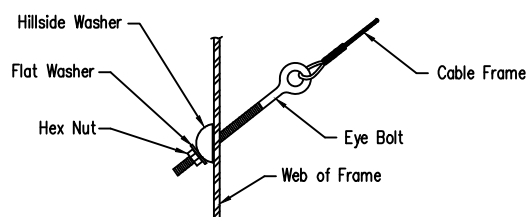


Eave Strut at Interior Column  
By-Pass Sidewall

DRAWING NO.  
SD59



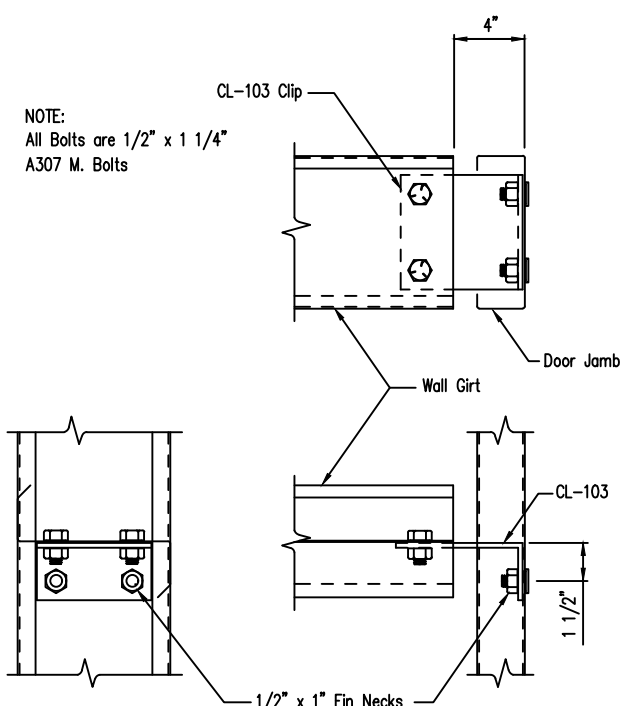
Rod Brace to Frame Detail



Cable Brace to Frame Detail

Cable or Rod Brace to Frame Connection

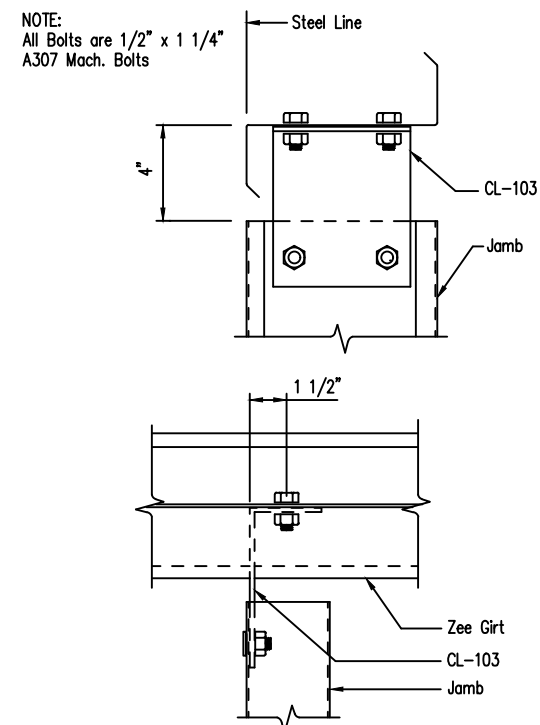
DRAWING NO.  
SD66



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)

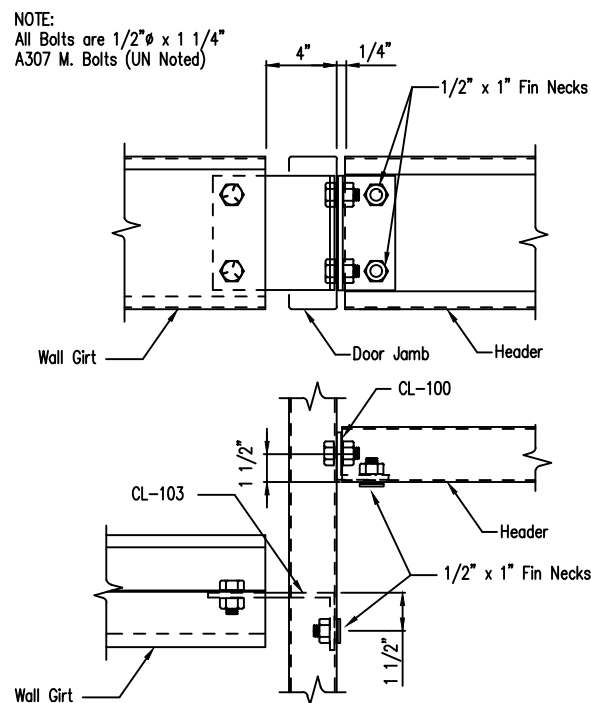
DRAWING NO.  
SD87



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

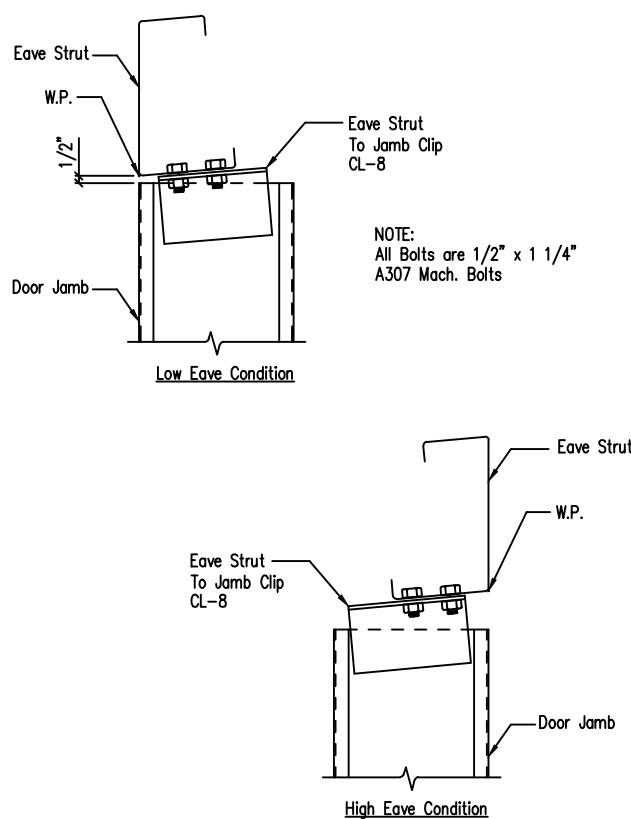
DRAWING NO.  
SD93



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/Header to Jamb

DRAWING NO.  
SD95



NOTE:  
All Bolts are 1/2" x 1 1/4"  
A307 Mach. Bolts

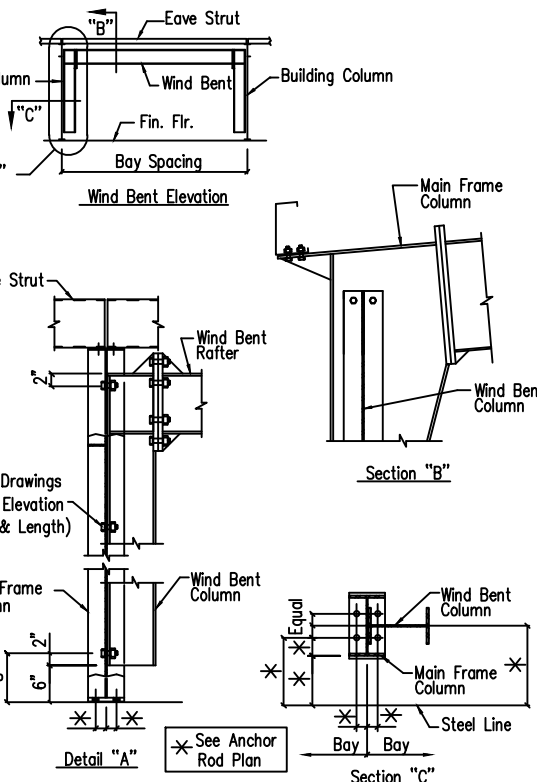
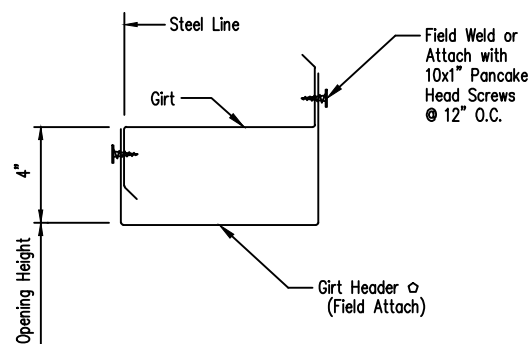
Jamb To Eave Strut  
2:12 Roof Pitch and Higher

DRAWING NO.  
SD97

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

Framed Opening w/ Girt Header

DRAWING NO.  
SD104



See Erection Drawings  
(See Sidewall Elevation  
For Quantity & Length)

\* See Anchor  
Rod Plan

Flush Wind Bent (Floating)

DRAWING NO.  
SD150

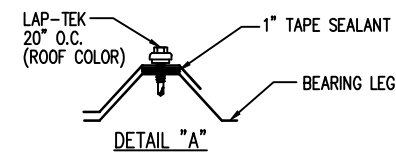
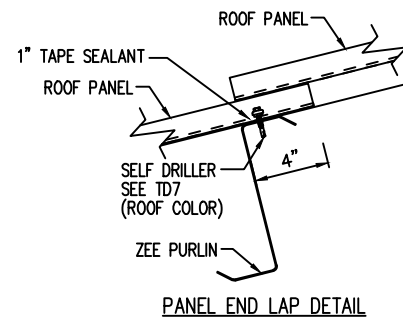
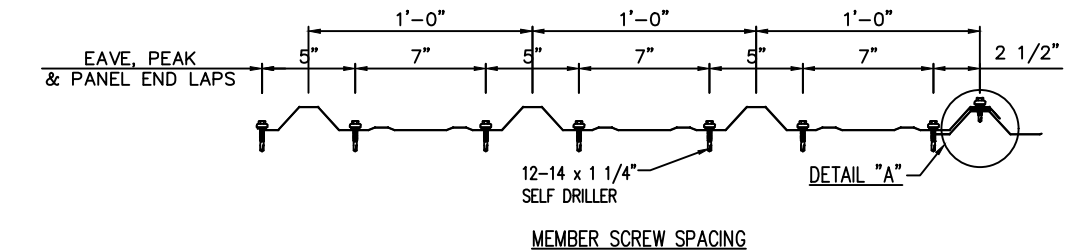
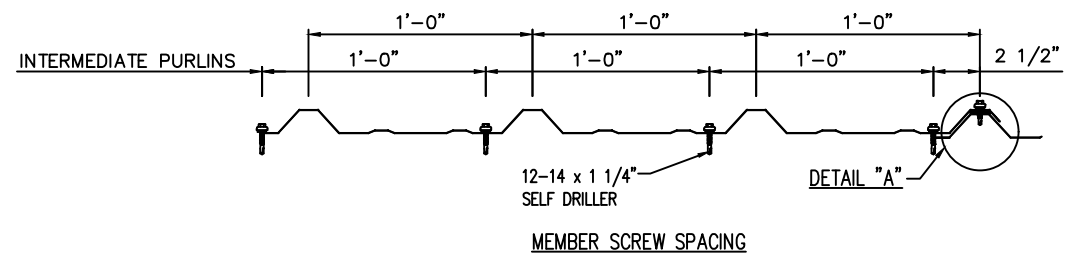
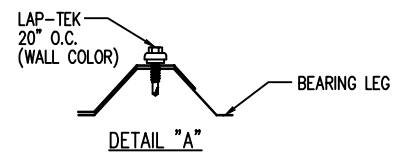
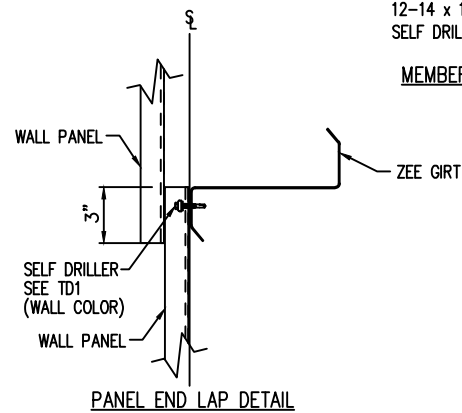
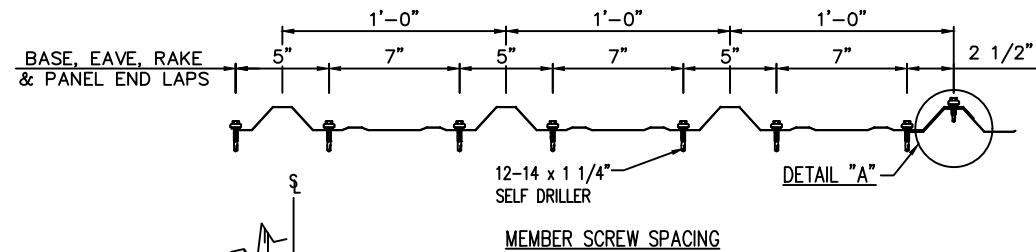
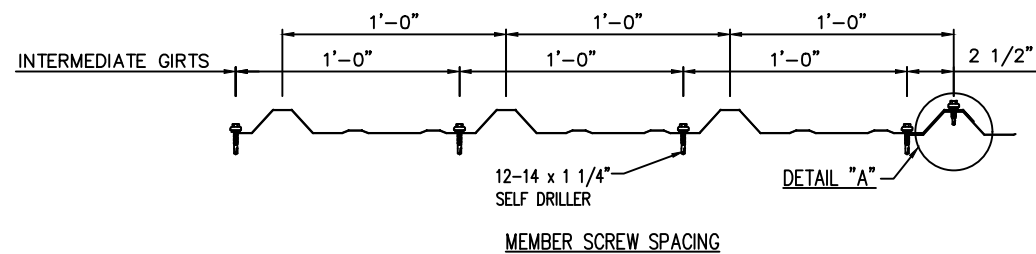
DATE	DWN.	CHK.	ENG.
10/18/23	AA	CAF	RTS
10/18/23	OGR	OGR	RTS

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							N.T.S.	14 OF 18	93598	DETAIL DRAWINGS

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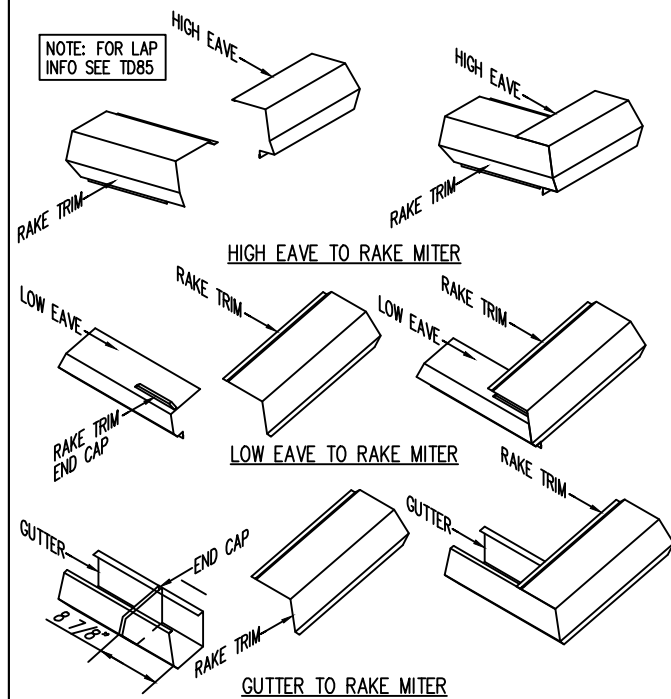
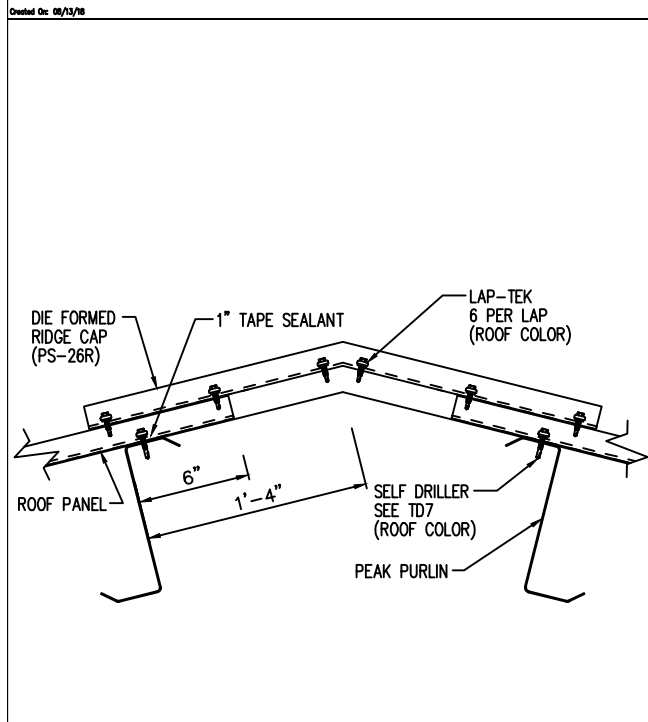


Fastener Location at Wall - PBR

DRAWING NO.  
TD1

Fastener Location at Roof - PBR

DRAWING NO.  
TD7

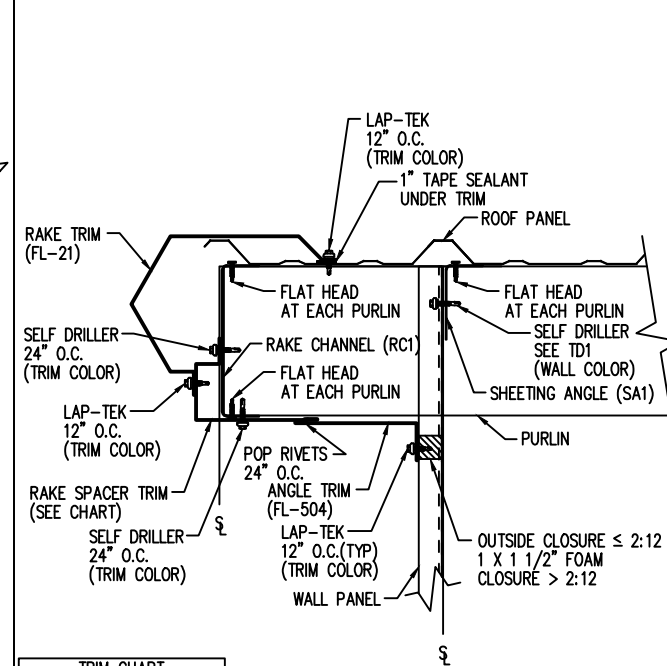


LOCATE THE GUTTER END CAP 8 7/8" AWAY FROM THE FRONT MITER OF THE GUTTER. IF DONE PROPERLY THE END CAP SHOULD LINE UP WITH THE LOW LEG OF THE RAKE TRIM THAT SITS ON TOP OF THE ROOF PANEL. APPLY ONE BEAD OF TUBE SEALANT (NOT BY G.W.B.) BETWEEN THE END CAP SURFACE AND THE GUTTER. ATTACH THE END CAP TO 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.

TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-501
10"	FL-501
12"	FL-501

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

DRAWING NO.  
TD20



TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-503
10"	FL-503
12"	FL-503

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

Rake Detail - PBR  
Sculptured Rake - Soffit Trim

DRAWING NO.  
TD24

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

DRAWING NO.  
TD8

Sculptured Trim Detail - PBR

DRAWING NO.  
TD13

DATE	DWN.	CHK.	ENG.
10/18/23	MEZ	MEZ	RTS
10/18/23	AA	CAF	RTS
10/18/23	OGR	OGR	RTS

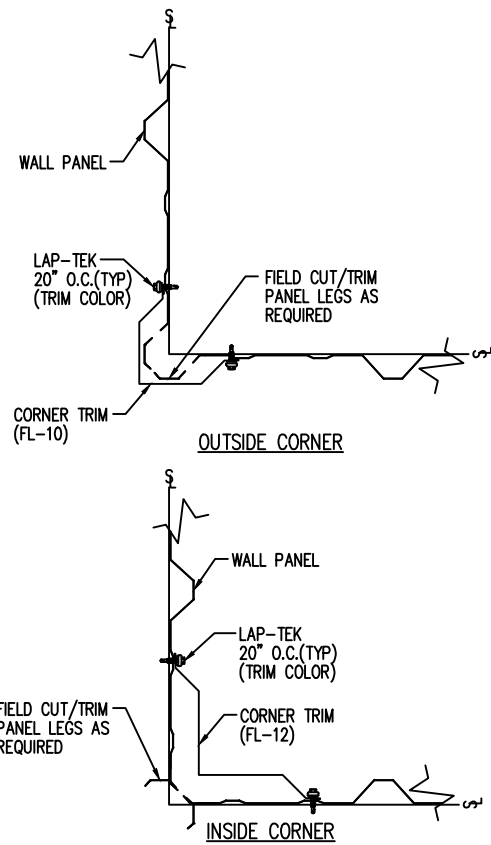
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ISSUE	APPROVAL	PERMIT	ERECTION

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

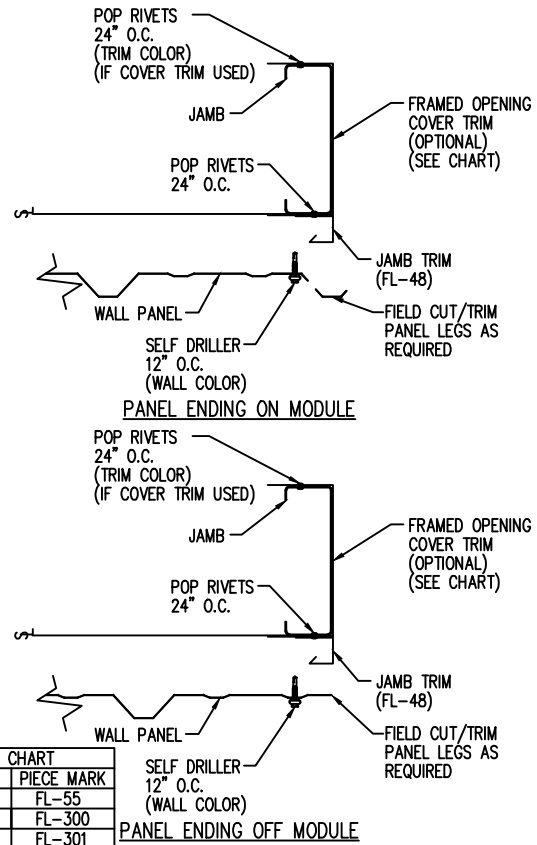
SHEET NUMBER: 16 OF 18  
JOB NUMBER: 93598  
SHEET TITLE: DETAIL DRAWINGS

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Section at Corner Detail - PBR

DRAWING NO.  
TD40

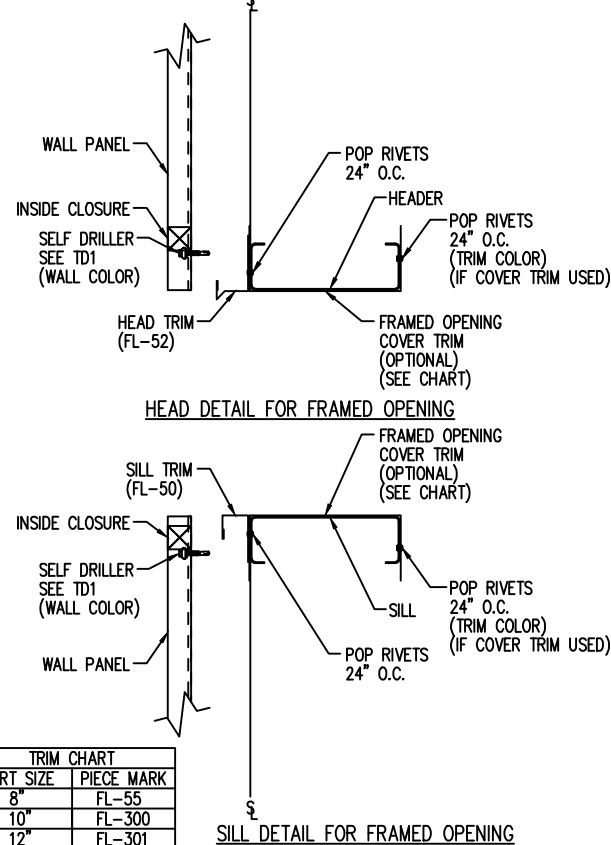


TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301

SELF DRILLER  
12" O.C.  
(WALL COLOR)  
PANEL ENDING OFF MODULE

Framed Opening Jamb Detail - PBR

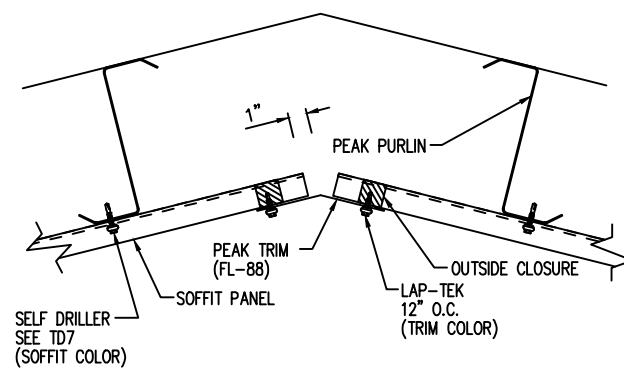
DRAWING NO.  
TD51



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

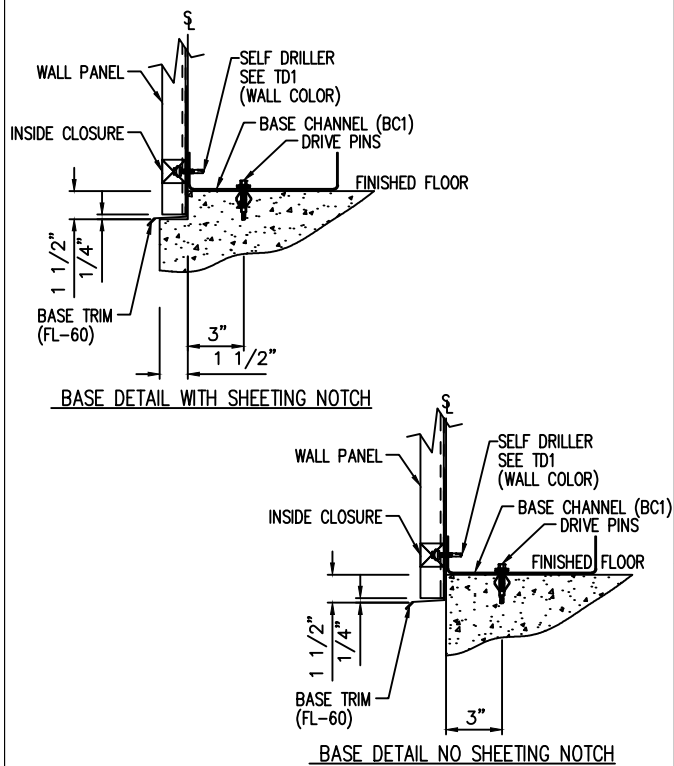
Framed Opening Head and Sill Details - PBR

DRAWING NO.  
TD52



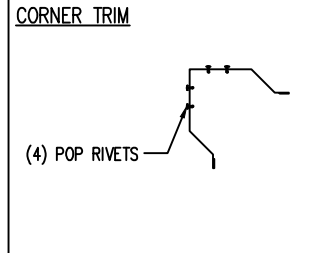
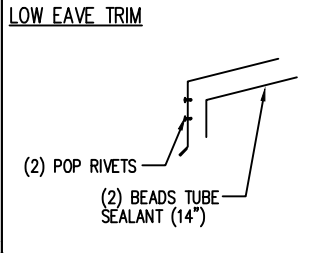
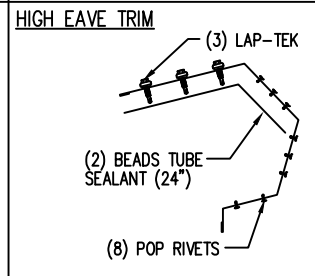
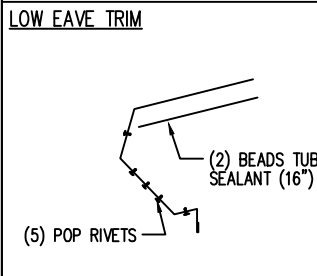
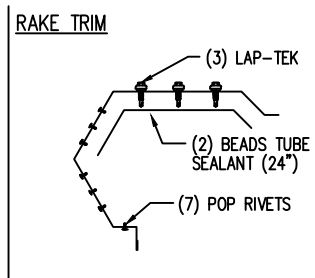
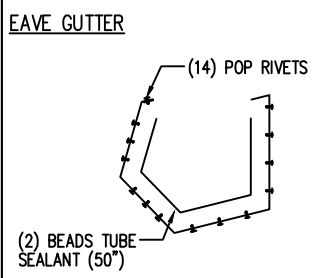
Flat Ridge Detail - PBR  
With Soffit

DRAWING NO.  
TD72



Base Channel w/Trim Details

DRAWING NO.  
TD75



Trim Laps - PBR Sculptured

DRAWING NO.  
TD85

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 GWB)

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

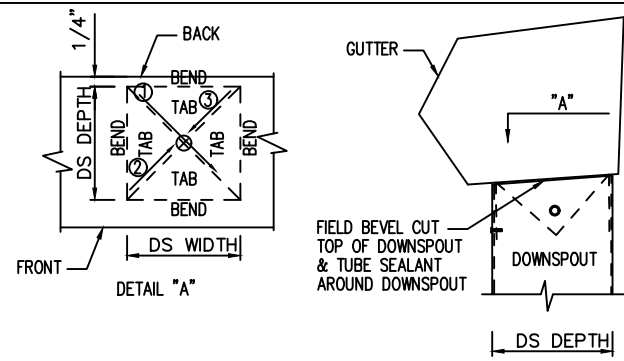
DATE	DWN.	CHK.	ENG.
16/7/21	MEZ	MEZ	RTS
16/7/21	AA	CAF	RTS
10/19/23	OGR	OGR	RTS



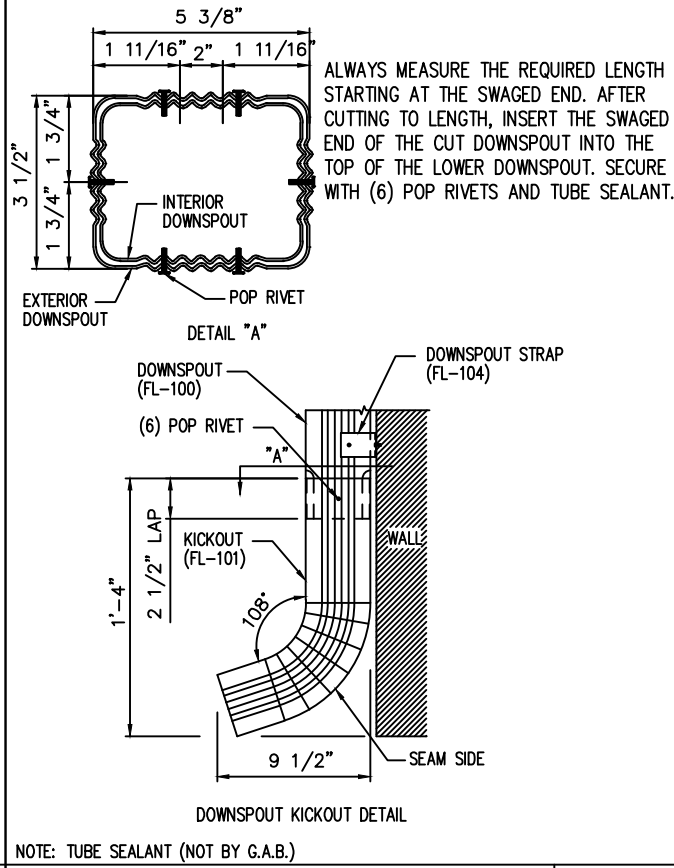
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CUSTOMER NAME:	
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CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	17 OF 18
JOB NUMBER:	93598
SHEET TITLE:	DETAIL DRAWINGS

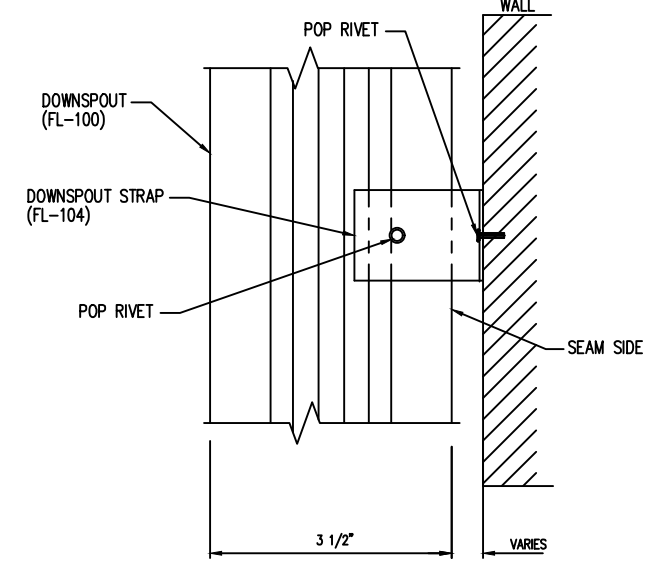
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT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



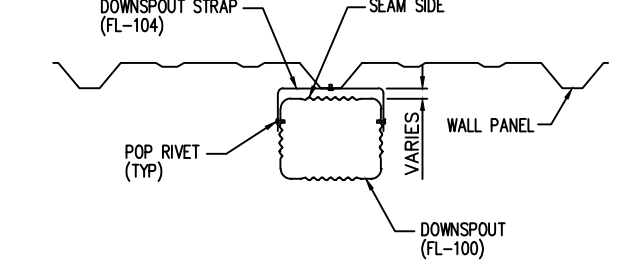
- STEP 1 REFER TO THE BUILDING ERECTIO DRAWINGS FOR THE LOCATION AN SPACING OF THE DOWNSPOUTS.
- STEP 2 LOCATE ALL DOWNSPOUTS OVER A MAJOR PANEL RIB IF POSSIBLE.
- STEP 3 MAKE A CARBOARD TEMPLATE OF THE DOWNSPOUT SHAPE. PLACE THE TEMPLATE ON THE BOTTOM OF THE GUTTER AND TRACE THE OUTLINE. REMOVE THE 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.



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



Downspout Strap Attachment Detail  
3 1/2" x 5 3/8" Roll-Form  
DRAWING NO. TD97  
Created On: 3/2/12 Revised on: 05/14/08



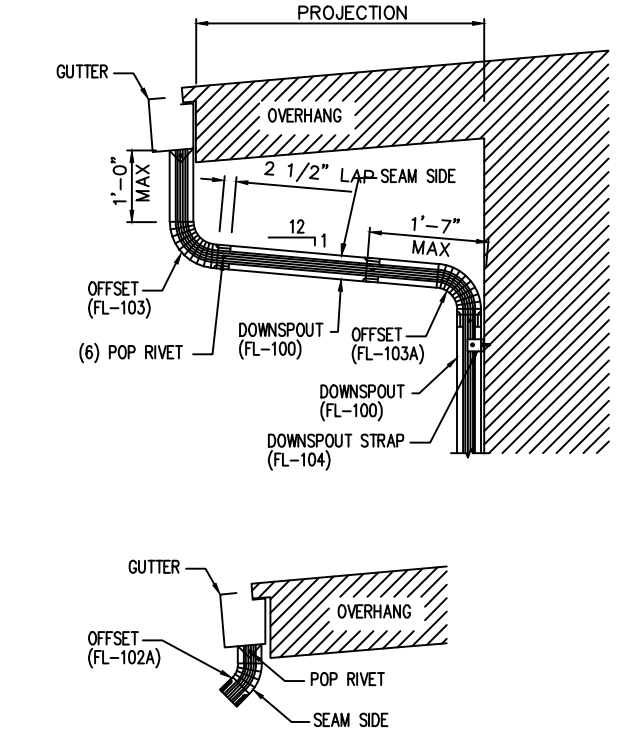
Downspout Strap Attachment Detail - PBR  
3 1/2" x 5 3/8" Roll-Form  
DRAWING NO. TD98  
Created On: 3/2/12 Revised on: 05/14/08

D.S. Strap Eave Height	Quantity
10'-0"	2
12'-0"	3
14'-0"	3
16'-0"	4
20'-0"	4
25'-0"	5

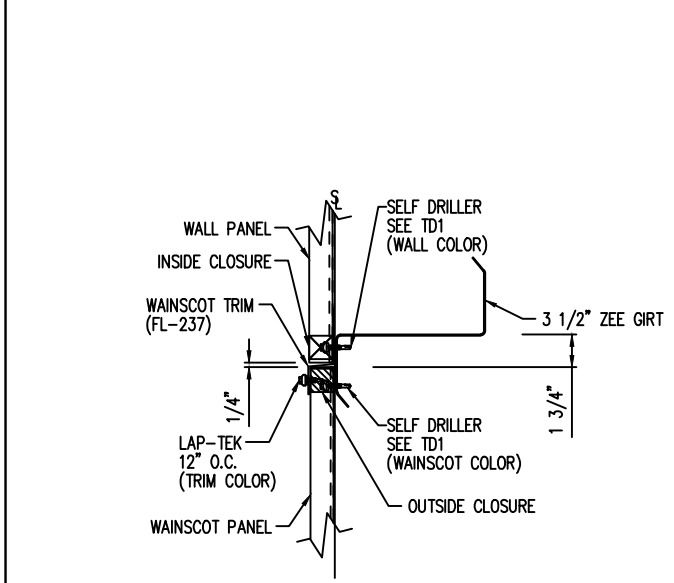
DATE	DWN.	CHK.	ENG.
10/26/11	MEZ	MEZ	RTS
10/26/11	AA	CAF	RTS
10/19/11	OGR	OGR	RTS

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



Eave Canopy Downspout Detail  
DRAWING NO. TD99  
Created On: 3/2/12



Wainscot with Panel Break - PBR  
DRAWING NO. TD199  
Created On: 03/02/20

CUSTOMER NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	18 OF 18
JOB NUMBER:	93598
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