GREAT WESTERN
BUILDINGS

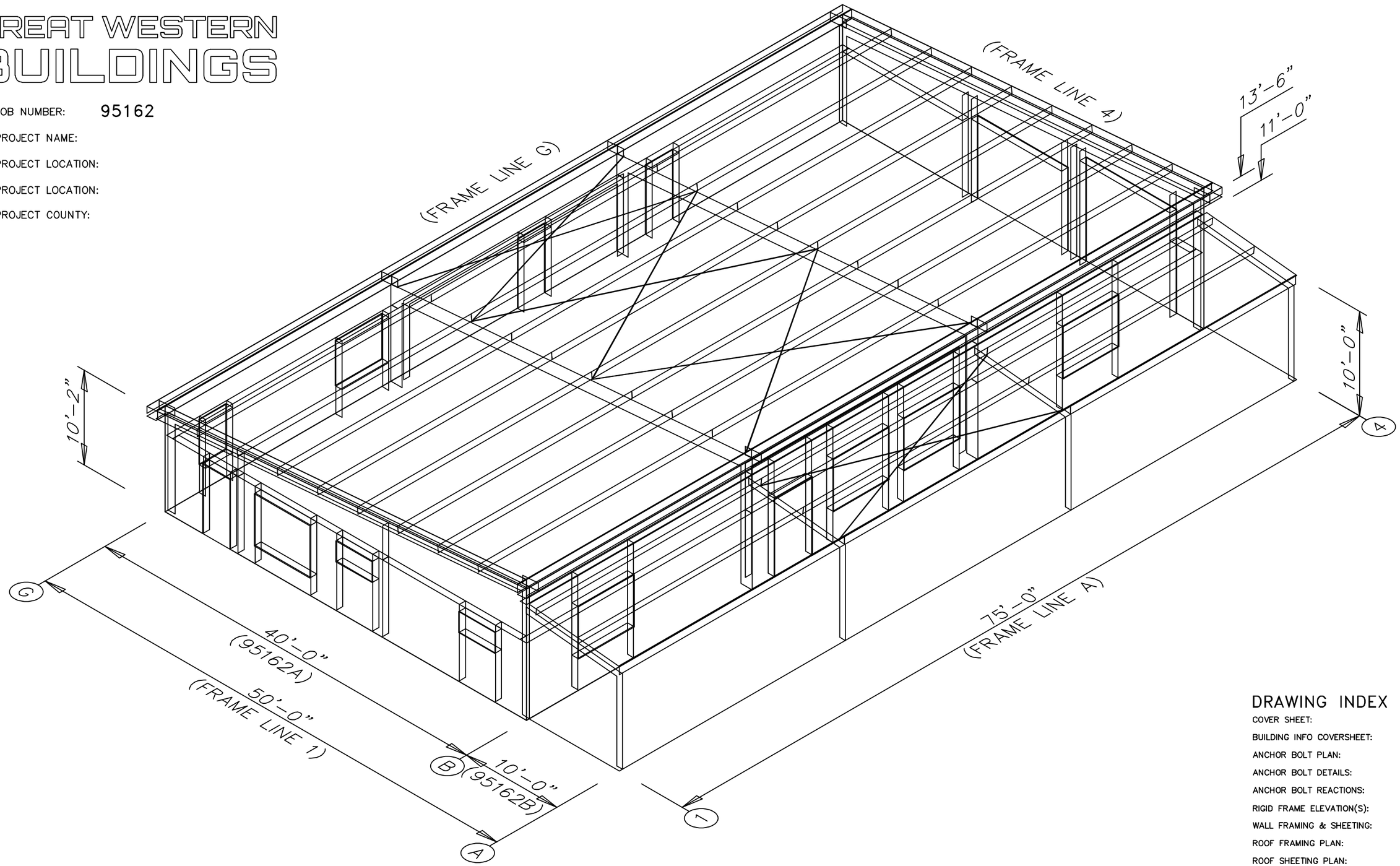
JOB NUMBER: 95162

PROJECT NAME:

PROJECT LOCATION:

PROJECT LOCATION:

PROJECT COUNTY:



DRAWING INDEX

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	Fy = 50 KSI
HOT ROLLED STEEL ANGLES (L)	A36	Fy = 36 KSI
STEEL PIPES	A500	Fy = 42 KSI
STRUCTURAL TUBING	A500	Fy = 42 KSI
STRUCTURAL STEEL WEB PLATE	A572/A1011	Fy = 50 KSI
STRUCTURAL STEEL FLANGE PLATES/BARS	A529/A572	Fy = 55 KSI
COLD FORMED LIGHT GAGE	A653/A1011	Fy = 55 KSI
ROOF & WALL SHEETS	A792/A653	Fy = 50, 80 KSI
CABLE BRACE	A475 – TYPE 1	EXTRA HIGH STRENGTH
ROD BRACE	A36	Fy = 36 KSI
		MIN. TENSILE STRENGTH
MACHINE BOLTS & NUTS	A307	Fu = 60 KSI
HIGH STRENGTH BOLTS (1"ø & LESS)	A325–TYPE 1	Fu = 120 KSI
HIGH STRENGTH BOLTS (>1"ø TO 1 1/2"ø)	A325–TYPE 1	Fu = 105 KSI
ANCHOR BOLTS (NOT SUPPLIED BY M.B.S.)	A36/A307/F1554	Fu = 60 KSI

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"ø x 0'–1 1/4" A307 EXCEPT :
A) ENDWALL RAFTER SPLICE – 5/8"ø 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"ø 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, FALSE WORK, 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 ERECTOR 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 MUTUAL (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–A8–2

BUILDING LOADS

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

DESIGN LOADS:	95162A	95162B (LEAN–TO)
DESIGN CODE / WIND CODE	: IBC–24	: IBC–24
OCCUPANCY / RISK CATEGORY	: II–Normal	: II–Normal
ENCLOSURE	: Enclosed	: Partially Enclosed
ROOF DEAD LOAD (D) (PSF)	: 2.00	: 2.01
ROOF COLLATERAL LOAD (C) (PSF)	: 5.00	: 5.00
WIND LOAD		
ULTIMATE WIND SPEED, (VULT) (MPH)	: 115.00	: 115.00
WIND EXPOSURE CATEGORY	: C	: C
INTERNAL PRESSURE COEFFICIENT, (GCpi)	: 0.18/–0.18	: 0.55/–0.55
WALL PANEL DESIGN WIND PRESSURE (PSF)	: 22.23/–24.08	: 29.84/–31.69
WIND ENCLOSURE CLASSIFICATION	: Enclosed	: Partially Enclosed
LIVE LOAD		
PRIMARY FRAMING (PSF)	: 20.00	: 20.00
TRIB. AREA REDUCTION	: No	: No
SECONDARY FRAMING (PSF)	: 20.00	: 20.00
SNOW LOAD		
GROUND SNOW LOAD, (Pg) (PSF)	: 30.00	: 30.00
ROOF SNOW LOAD, (Pf) (PSF)	: 30.00	: 30.00
SNOW EXPOSURE FACTOR, (Ce)	: 1.00	: 1.00
SNOW IMPORTANCE FACTOR, (Is)	: 1.00	: 1.00
THERMAL FACTOR, (Ct)	: 1.20	: 1.20
SEISMIC LOAD		
SEISMIC IMPORTANCE FACTOR, (Ie)	: 1.00	
SITE CLASSIFICATION	: D	
SPECTRAL RESPONSE ACCELERATION	: Ss = 0.240 : S1 = 0.048	
SPECTRAL RESPONSE COEFFICIENTS	: Sds = 0.193 : Sd1 = 0.073	
SEISMIC DESIGN CATEGORY	: B	
BASIC SEISMIC FORCE RESISTING SYSTEM	: STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR RESISTANCE : RIGID FRAMES (OMF) : BRACED FRAMES (OCBF/OMF)	
TOTAL DESIGN BASE SHEAR, (V) (KIPS)	: LONGITUDINAL = 3.44 : TRANSVERSE = 2.76	95162B = 0.00 = 0.52
RESPONSE MODIFICATION FACTORS, (R)	: RIGID FRAMES = 3.00 Ω = 3.00 : SW WIND BENT = 3.00 Ω = 3.00 (ONLY FOR 95162A)	
SEISMIC RESPONSE COEFFICIENTS, (Cs)	: RIGID FRAMES = 0.0645 : SW WIND BENT = 0.0645 (ONLY FOR 95162A)	
ANALYSIS PROCEDURE USED	: EQUIVALENT LATERAL FORCE PROCEDURE	
OTHER LOADS/REQUIREMENTS		

BUILDING DESCRIPTION:	95162A	95162B (LEAN–TO)
WIDTH (FT)	: 40.00	: 10.00
LENGTH (FT)	: 75.00	: 75.00
EAVE HEIGHT AT BSW (FT)	: 10.17	: 10.00
EAVE HEIGHT AT FSW (FT)	: 13.50	: 11.00
ROOF SLOPE AT BSW	: 1.0:12	: 1.2:12
ROOF SLOPE AT FSW	: N/A	: N/A
BAY SPACING (FT)	: 3 AT 25	: 3 AT 25
COVERING AND TRIMS:		
ROOF PANELS & TRIMS		
PANEL TYPE	: 26 GA. PBR	: 26 GA. PBR
PANEL COLOR	: COAL BLACK	: COAL BLACK
TRIM COLORS		
GABLE/EAVE	: COAL BLACK	: COAL BLACK
EAVE GUTTER	: N/A	: N/A
WALL PANELS & TRIMS		
PANEL TYPE	: 26 GA. PBR	: N/A
PANEL COLOR	: POLAR WHITE	: N/A
TRIM COLORS		
CORNER	: COAL BLACK	: COAL BLACK
FRAMED OPENING	: COAL BLACK	: COAL BLACK
DOWNSPOUTS	: N/A	: N/A
BASE	: POLAR WHITE	: POLAR WHITE
SOFFIT TRIMS		
TRIM COLORS	: COAL BLACK	: N/A
INSULATION		
ROOF INSULATION	: 15 1/2" (R–49) SKYLINER	: N/A
WALL INSULATION	: 8" (R–25) SKYLINER	: N/A

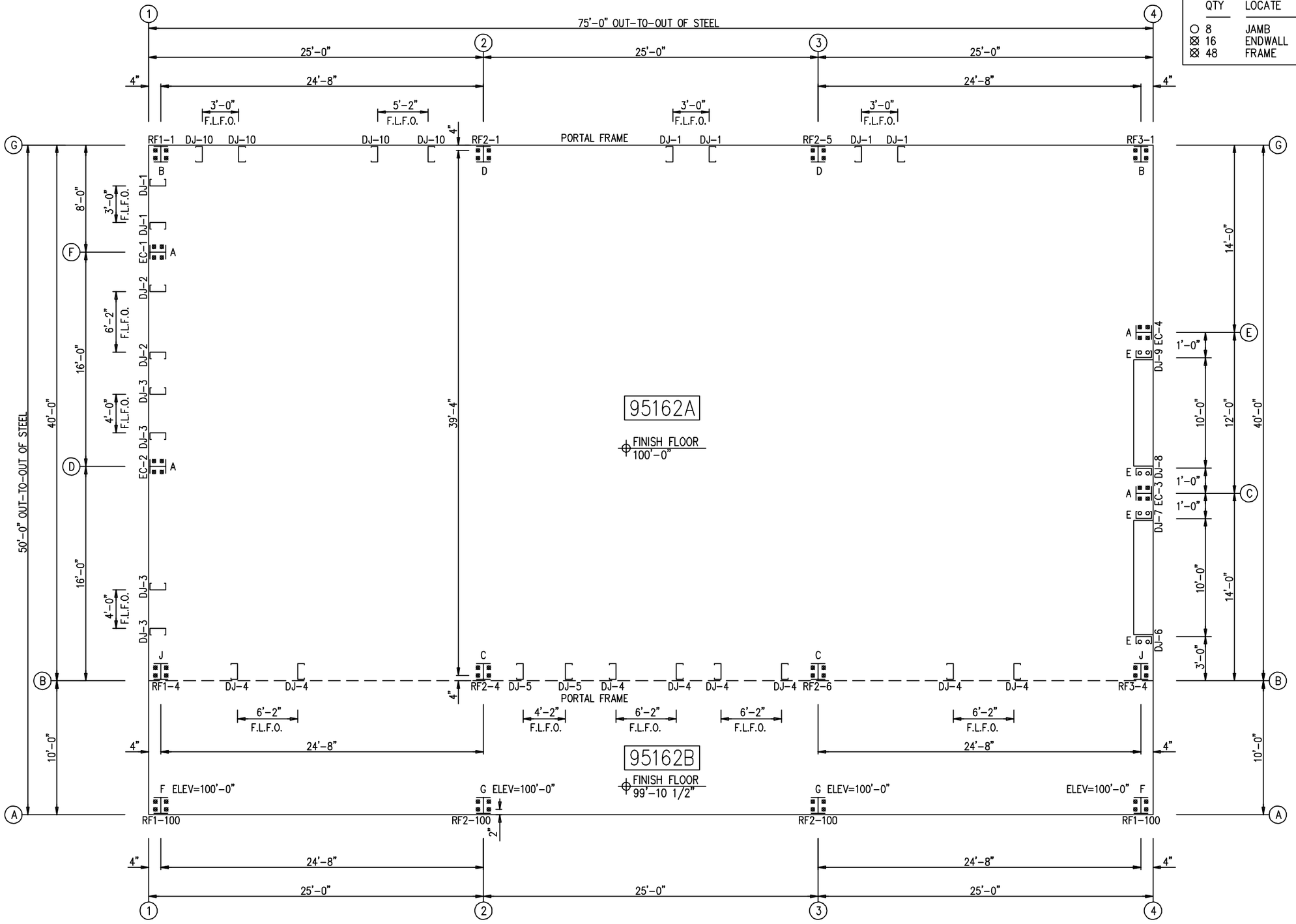
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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: 2 OF 22
JOB NUMBER 95162
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 PLAN

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	307
⊠ 16	ENDWALL	3/4	307
⊠ 48	FRAME	3/4	307

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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1101 3RD AVE
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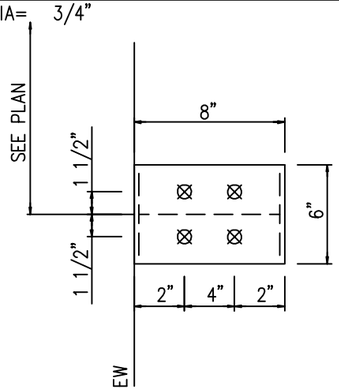
PHONE: (800)-497-2135
WWW.GREATWESTERNBUILDINGS.COM

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

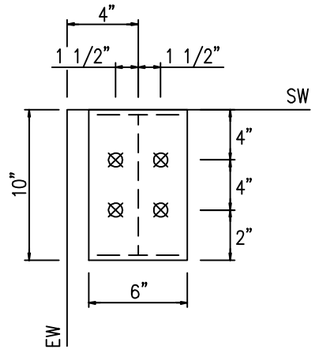
SHEET NUMBER: 3 OF 22
JOB NUMBER 95162
SHEET TITLE: ANCHOR BOLT PLAN

DIA= 3/4"



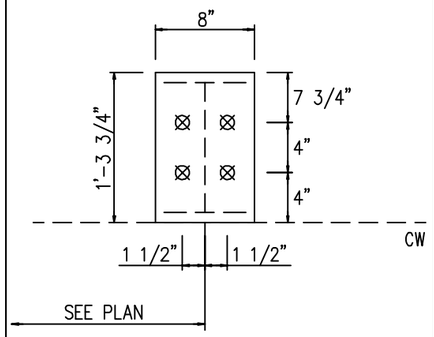
DETAIL A

DIA= 3/4"



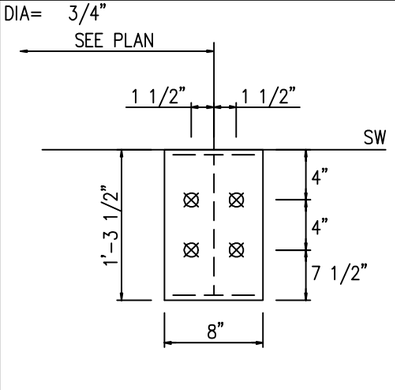
DETAIL B

DIA= 3/4"



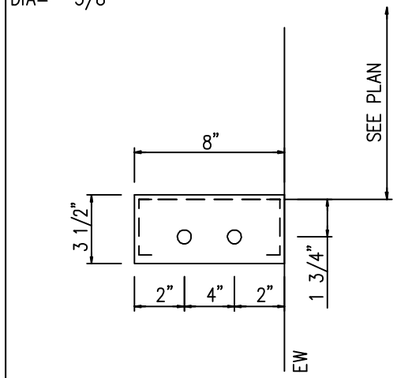
DETAIL C

DIA= 3/4"



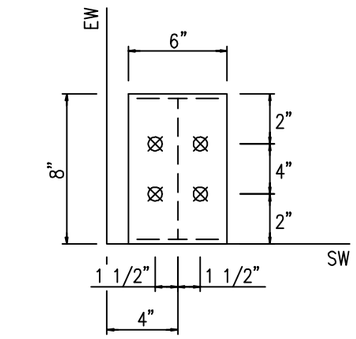
DETAIL D

DIA= 5/8"



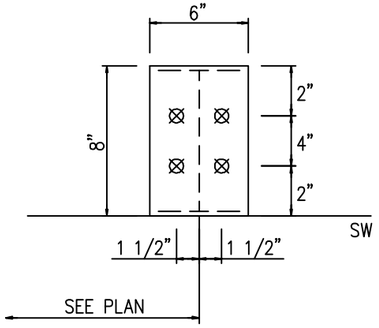
DETAIL E

DIA= 3/4"



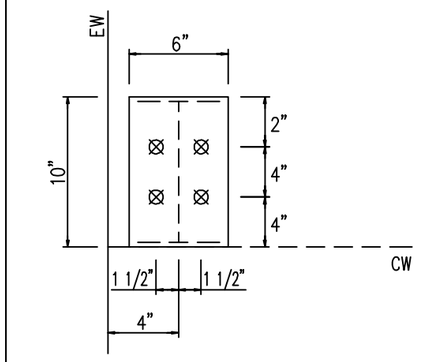
DETAIL F BASE EL. 100'-0"

DIA= 3/4"



DETAIL G BASE EL. 100'-0"

DIA= 3/4"



DETAIL J

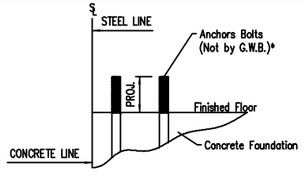
NOTE:
MINOR FIELD WORK OF STRUCTURAL, SECONDARY AND PANEL/TRIM ITEMS MAY BE NECESSARY TO ENSURE PROPER FIT. SUCH WORK IS CONSIDERED A NORMAL PART OF METAL BUILDING ERECTION. G.W.B. WILL NOT HONOR BACKCHARGES FOR MINOR FIELD WORK.

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

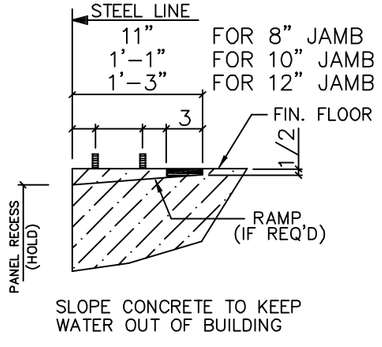
DEVELOPMENT, EMBEDMENT AND HOOK LENGTH OF ANCHOR BOLTS IN THE CONCRETE ARE DESIGN RESPONSIBILITY OF OTHERS. ALSO DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DESIGNED AND PROVIDED BY OTHERS.

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



SLOPE CONCRETE TO KEEP WATER OUT OF BUILDING

CONCRETE DETAIL AT OVERHEAD DOOR

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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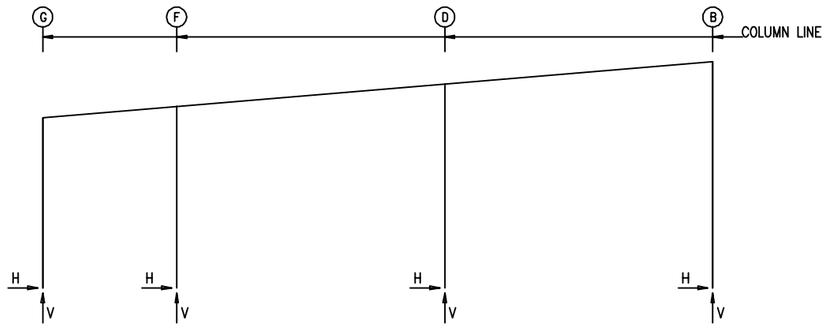
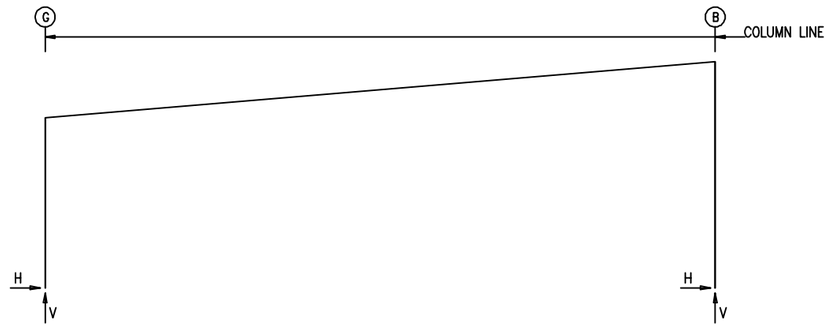
PROJECT END USE:
CUSTOMER PHONE NUMBER:
CUSTOMER EMAIL:
SCALE: N.T.S.

SHEET NUMBER: 4 OF 22
JOB NUMBER 95162
SHEET TITLE: ANCHOR BOLT DETAILS & REACTIONS

FRAME LINES: 1



FRAME LINES: 2 3



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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
1	G	3	1.5	2.2	9	−1.5	−2.3	4	0.750	6.000	10.00	0.375	0.0
		8	1.3	2.9									
1	B	11	1.0	−0.8	2	−1.0	−0.7	4	0.750	6.000	10.00	0.375	0.0
		1	−0.2	5.6	10	0.4	−1.7						
1	F	6	0.7	−2.1	4	−0.6	−2.1	4	0.750	6.000	8.000	0.375	0.0
		14	0.0	5.3	11	0.0	−2.3						
1	D	5	1.0	−3.0	4	−0.9	−3.0	4	0.750	6.000	8.000	0.375	0.0
		15	0.0	7.1	9	0.0	−2.7						

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
2*	G	13	7.8	15.1	9	−4.6	−5.7	4	0.750	8.000	15.50	0.375	0.0
2*	B	11	2.6	−1.8	13	−7.7	16.3	4	0.750	8.000	15.75	0.375	0.0
		1	−7.6	19.6	12	0.7	−6.2						

2* FRAME lines: 2 3

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	40.00
Length (ft)	=	75.00
Eave Height (ft)	=	10.17/13.50
Roof Slope (rise/12)	=	1.0:12
Dead Load (psf)	=	2.00
Collateral Load (psf)	=	5.00
Live Load (psf)	=	20.00
Snow Load (psf)	=	30.00
Ultimate Wind Speed (mph)	=	115.00
Wind Code	=	IBC−24
Exposure	=	C
Closed/Open	=	Enclosed
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.29

ID	Description
1	Dead+Collateral+0.7Snow+0.7Snow_Drift
2	Dead+0.6Wind_Left1
3	Dead+0.6Wind_Right2
4	Dead+Collateral+0.75Live+0.45Wind_Long1R
5	Dead+Collateral+0.75Live+0.45Wind_Long2R
6	Dead+Collateral+0.53Snow+0.45Wind_Left1+0.53Snow_Drift
7	Dead+Collateral+0.53Snow+0.45Wind_Left1+0.53Slide_Snow
8	Dead+Collateral+0.53Snow+0.45Wind_Right2+0.53Slide_Snow
9	0.6Dead+0.6Wind_Left1
10	0.6Dead+0.6Wind_Right1
11	0.6Dead+0.6Wind_Right2
12	0.6Dead+0.6Wind_Long1L
13	Dead+Collateral+0.7MIN_SNOW
14	Dead+Collateral+0.35Snow+F1PAT_SL_3
15	Dead+Collateral+0.35Snow+F1PAT_SL_4
16	Dead+Collateral+0.35Snow+F3PAT_SL_3
17	Dead+Collateral+0.35Snow+F3PAT_SL_4
18	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
19	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
20	Dead+Collateral+0.35Snow+E1PAT_SL_3
21	0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
22	Dead+Collateral+0.35Snow+E1PAT_SL_4
23	Dead+Collateral+0.35Snow+E2PAT_SL_3
24	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
25	Dead+Collateral+0.35Snow+E2PAT_SL_4

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	1								(h)
F_SW	B	2,3	1.5	1.5	1.0	1.0			(b)
R_EW	4								(h)
B_SW	G	2,3	0.9	0.6	0.7	0.5			(b)

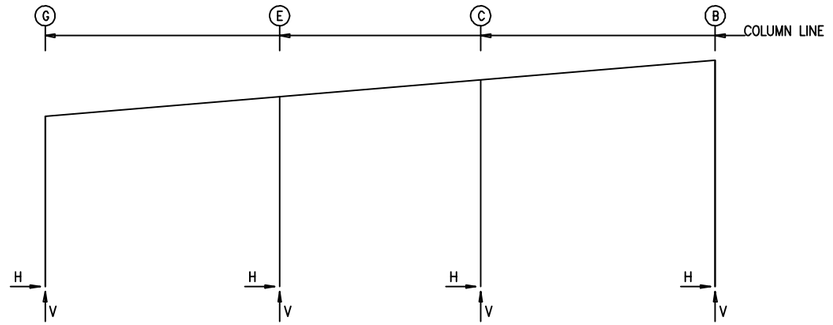
(b)Wind bent in bay, base above finish floor
(h)Rigid frame at endwall

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

ANCHOR BOLT SUMMARY

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

FRAME LINES: 4



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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
4	G	3	1.4	1.3	9	−1.4	−2.0	4	0.750	6.000	10.00	0.375	0.0
		8	1.3	3.3									
4	B	11	1.2	−1.0	2	−1.1	−0.5	4	0.750	6.000	10.00	0.375	0.0
		1	−0.3	5.6	10	0.5	−1.8						
4	E	7	0.7	−2.3	4	−0.7	−2.3	4	0.750	6.000	8.000	0.375	0.0
		16	0.0	5.6	11	0.0	−1.7						
4	C	5	0.8	−2.3	4	−0.7	−2.3	4	0.750	6.000	8.000	0.375	0.0
		17	0.0	5.5	9	0.0	−2.5						

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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

SHEET NUMBER: 5 OF 22
JOB NUMBER 95162
SHEET TITLE: ANCHOR BOLT REACTIONS FOR 95162A

RIGID FRAME:

BASIC COLUMN REACTIONS (k)

FRAME Line	Column Line	------Dead------ Horz	Vert	Collateral- Horz	Vert	------Live---------- Horz	Vert	Snow------ Horz	Vert	Snow_Drift- Horz	Vert	--Wind_Left1- Horz	Vert
1	G	0.0	0.3	0.0	0.3	0.2	1.1	0.3	1.7	0.0	0.0	−2.6	−4.2
1	B	0.0	0.6	0.0	0.9	−0.1	3.6	−0.2	5.4	0.0	0.5	−1.6	−2.3
1	F	0.0	0.6	0.0	0.8	0.0	3.3	0.0	5.0	0.0	0.0	0.0	0.2
1	D	0.0	0.8	0.0	1.2	0.0	4.8	0.0	7.2	0.0	0.0	0.0	−5.2

FRAME Line	Column Line	−Wind_Right1− Horz	Vert	--Wind_Left2- Horz	Vert	−Wind_Right2− Horz	Vert	--Wind_Press- Horz	Vert	--Wind_Suct-- Horz	Vert	--Wind_Long1- Horz	Vert
1	G	1.4	0.8	−1.7	−1.6	2.5	3.2	0.0	0.0	0.0	0.0	−0.5	−2.5
1	B	0.7	−3.5	−0.4	−0.7	1.7	−2.0	0.0	0.0	0.0	0.0	−1.3	−2.9
1	F	0.0	−3.4	0.0	−0.8	0.0	−4.4	−1.0a	0.0	1.1a	0.0	0.0	−1.3
1	D	0.0	−2.2	0.0	−2.9	0.0	0.2	−1.5a	0.0	1.7a	0.0	0.0	−4.6

FRAME Line	Column Line	--Wind_Long2- Horz	Vert	−Seismic_Left Horz	Vert	Seismic_Right Horz	Vert	Seismic_Long1 Horz	Vert	−MIN_SNOW-- Horz	Vert	F1PAT_SL_1- Horz	Vert
1	G	−0.7	−2.6	−0.5	−0.7	0.5	0.7	0.0	0.0	0.3	1.7	0.0	0.6
1	B	−1.4	−2.2	−0.2	0.2	0.2	−0.2	0.0	0.0	−0.3	3.4	0.0	0.0
1	F	0.0	0.2	0.0	0.8	0.0	−0.8	0.0	0.0	0.0	5.0	0.0	0.6
1	D	0.0	−3.2	0.0	−0.3	0.0	0.3	0.1a	0.0	0.0	7.2	0.0	0.0

FRAME Line	Column Line	F1PAT_SL_2- Horz	Vert	F1PAT_SL_3- Horz	Vert	F1PAT_SL_4- Horz	Vert
1	G	0.1	0.3	0.0	0.2	0.1	−0.1
1	B	−0.1	1.2	0.0	−0.1	−0.1	1.0
1	F	0.0	−0.4	0.0	2.2	0.0	1.1
1	D	0.0	1.3	0.0	1.2	0.0	2.6

FRAME Line	Column Line	------Dead------ Horz	Vert	Collateral- Horz	Vert	------Live---------- Horz	Vert	Snow------ Horz	Vert	Snow_Drift- Horz	Vert	--Wind_Left1- Horz	Vert
2*	G	0.7	1.6	1.4	2.6	5.4	10.4	8.1	15.6	0.0	0.0	−8.5	−11.0
2*	B	−0.7	2.0	−1.3	3.3	−5.3	13.0	−8.0	19.5	0.0	1.0	0.8	−9.8

FRAME Line	Column Line	−Wind_Right1− Horz	Vert	--Wind_Left2- Horz	Vert	−Wind_Right2− Horz	Vert	--Wind_Long1- Horz	Vert	--Wind_Long2- Horz	Vert	−Seismic_Left Horz	Vert
2*	G	−0.6	−5.2	−5.7	−6.2	2.6	−0.4	−5.0	−10.4	−3.6	−7.3	−0.6	−0.3
2*	B	4.4	−10.0	1.8	−4.8	5.1	−5.0	1.8	−12.3	−0.2	−8.8	−0.4	0.3

FRAME Line	Column Line	Seismic_Right Horz	Vert	Seismic_Long1 Horz	Vert	Seismic_Long2 Horz	Vert	−MIN_SNOW-- Horz	Vert
2*	G	0.6	0.3	0.1	−0.4	−0.1	0.4	8.1	15.6
2*	B	0.4	−0.2	0.0	−1.0	0.0	1.0	−8.1	15.9

FRAME Line	Column Line	------Dead------ Horz	Vert	Collateral- Horz	Vert	------Live---------- Horz	Vert	Snow------ Horz	Vert	Snow_Drift- Horz	Vert	--Wind_Left1- Horz	Vert
4	G	0.0	0.4	0.1	0.5	0.2	2.1	0.4	3.2	0.0	0.0	−2.4	−3.7
4	B	0.0	0.6	0.0	0.9	−0.2	3.5	−0.3	5.3	0.0	0.5	−1.8	−1.9
4	E	0.0	0.6	0.0	0.9	0.0	3.6	0.0	5.5	0.0	0.0	0.0	−1.0
4	C	0.0	0.6	0.0	0.9	0.0	3.5	0.0	5.3	0.0	0.0	0.0	−4.7

FRAME Line	Column Line	−Wind_Right1− Horz	Vert	--Wind_Left2- Horz	Vert	−Wind_Right2− Horz	Vert	--Wind_Press- Horz	Vert	--Wind_Suct-- Horz	Vert	--Wind_Long1- Horz	Vert
4	G	1.3	−0.4	−1.7	−1.8	2.2	1.5	0.0	0.0	0.0	0.0	−0.5	−2.7
4	B	0.8	−3.6	−0.4	−0.6	2.0	−2.3	0.0	0.0	0.0	0.0	−1.3	−2.7
4	E	0.0	−3.2	0.0	−1.2	0.0	−3.4	−1.1a	0.0	1.2a	0.0	0.0	−2.1
4	C	0.0	−1.1	0.0	−2.5	0.0	1.2	−1.2a	0.0	1.4a	0.0	0.0	−3.8

FRAME Line	Column Line	--Wind_Long2- Horz	Vert	−Seismic_Left Horz	Vert	Seismic_Right Horz	Vert	−MIN_SNOW-- Horz	Vert	F3PAT_SL_1- Horz	Vert	F3PAT_SL_2- Horz	Vert
4	G	−0.6	−2.3	−0.5	−0.4	0.5	0.4	0.3	3.1	0.1	0.9	0.1	0.1
4	B	−1.5	−2.0	−0.2	0.3	0.2	−0.3	−0.3	3.3	−0.1	0.1	−0.1	1.0
4	E	0.0	−0.6	0.0	0.6	0.0	−0.6	0.0	5.5	0.0	1.3	0.0	−0.3
4	C	0.0	−2.8	0.0	−0.4	0.0	0.4	0.0	5.3	0.0	−0.3	0.0	1.2

FRAME Line	Column Line	F3PAT_SL_3- Horz	Vert	F3PAT_SL_4- Horz	Vert
4	G	0.0	0.8	0.1	0.0
4	B	0.0	0.0	−0.1	0.9
4	E	0.0	2.2	0.0	0.7
4	C	0.0	0.7	0.0	2.2

2* FRAME lines: 2 3

a − Out−Of−Plane Horizontal Load

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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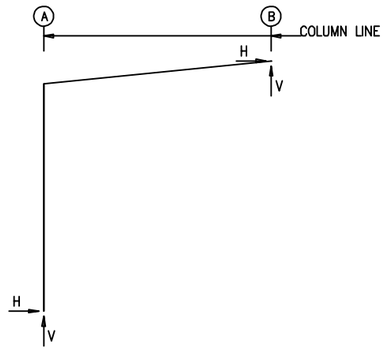
SCALE: N.T.S.

SHEET NUMBER: 6 OF 22
JOB NUMBER 95162
SHEET TITLE: ANCHOR BOLT REACTIONS FOR 95162A

FRAME LINES: 4 3 2 1



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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
4*	A	5	0.7	−0.7	3	−0.7	0.1	4	0.750	6.000	8.000	0.375	0.0
		1	0.1	2.2	4	0.7	−1.0						
4*	B	4	1.2	−0.8	3	−0.9	−0.1						
		1	−0.1	2.2	2	0.4	−0.9						

4* FRAME lines: 4 1

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) QTY	DIA	Base_Plate(in) Width	Length	Thick	Grout (in)
3*	A	5	1.3	−1.4	3	−1.3	0.2	4	0.750	6.000	8.000	0.375	0.0
		1	0.1	4.0	4	1.3	−1.9						
3*	B	5	2.2	−1.0	3	−1.6	−0.2						
		1	−0.1	4.1	2	0.7	−1.6						

3* FRAME lines: 3 2

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	10.00
Length (ft)	=	75.00
Eave Height (ft)	=	10.00/11.00
Roof Slope (rise/12)	=	1.2:12
Dead Load (psf)	=	2.01
Collateral Load (psf)	=	5.00
Live Load (psf)	=	20.00
Snow Load (psf)	=	30.00
Ultimate Wind Speed (mph)	=	115.00
Wind Code	=	IBC−24
Exposure	=	C
Closed/Open	=	Partially Enclosed
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.29

ID	Description
1	Dead+Collateral+0.7Snow+0.7Snow_Drift
2	0.6Dead+0.6Wind_Left1
3	0.6Dead+0.6Wind_Left2
4	0.6Dead+0.6Wind_Long1R
5	0.6Dead+0.6Wind_Long2R

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	4								(h)
F_SW	B								(e)
R_EW	1								(h)
B_SW	A	Torsional Bracing Used							

(e)Bracing loads must be applied to supporting building
(h)Rigid frame at endwall

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

ANCHOR BOLT SUMMARY

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

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
4*	A	0.0	0.3	0.0	0.4	0.0	1.4	0.1	2.1	0.0	0.1	0.1	−1.9
4*	B	0.0	0.2	0.0	0.3	0.0	1.3	−0.1	2.0	0.0	0.5	0.6	−1.6

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
4*	A	1.0	−1.5	−1.2	−0.1	−0.3	0.3	1.2	−2.0	1.2	−1.5	0.0	0.0
4*	B	1.7	−1.1	−1.5	−0.3	−0.5	0.2	2.0	−1.5	1.9	−1.1	−0.1	0.0

FRAME Line	Column Line	Seismic_Right Horz	Seismic_Right Vert	MIN_SNOW Horz	MIN_SNOW Vert
4*	A	0.0	0.0	0.1	2.1
4*	B	0.1	0.0	−0.1	2.0

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
3*	A	0.0	0.4	0.0	0.7	0.1	2.6	0.1	3.9	0.0	0.3	0.2	−3.4
3*	B	0.0	0.3	0.0	0.6	−0.1	2.4	−0.1	3.6	0.0	0.9	1.1	−3.0

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
3*	A	1.8	−2.8	−2.2	−0.1	−0.5	0.5	2.1	−3.6	2.2	−2.8	0.0	0.0
3*	B	3.0	−2.0	−2.7	−0.6	−0.8	0.3	3.5	−2.7	3.6	−1.9	−0.2	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
3*	A	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.9
3*	B	0.2	0.0	−0.1	0.0	0.1	0.0	−0.1	3.6

4* FRAME lines: 4 1
3* FRAME lines: 3 2

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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SHEET NUMBER: 7 OF 22
JOB NUMBER 95162
SHEET TITLE: ANCHOR BOLT REACTIONS FOR 95162B

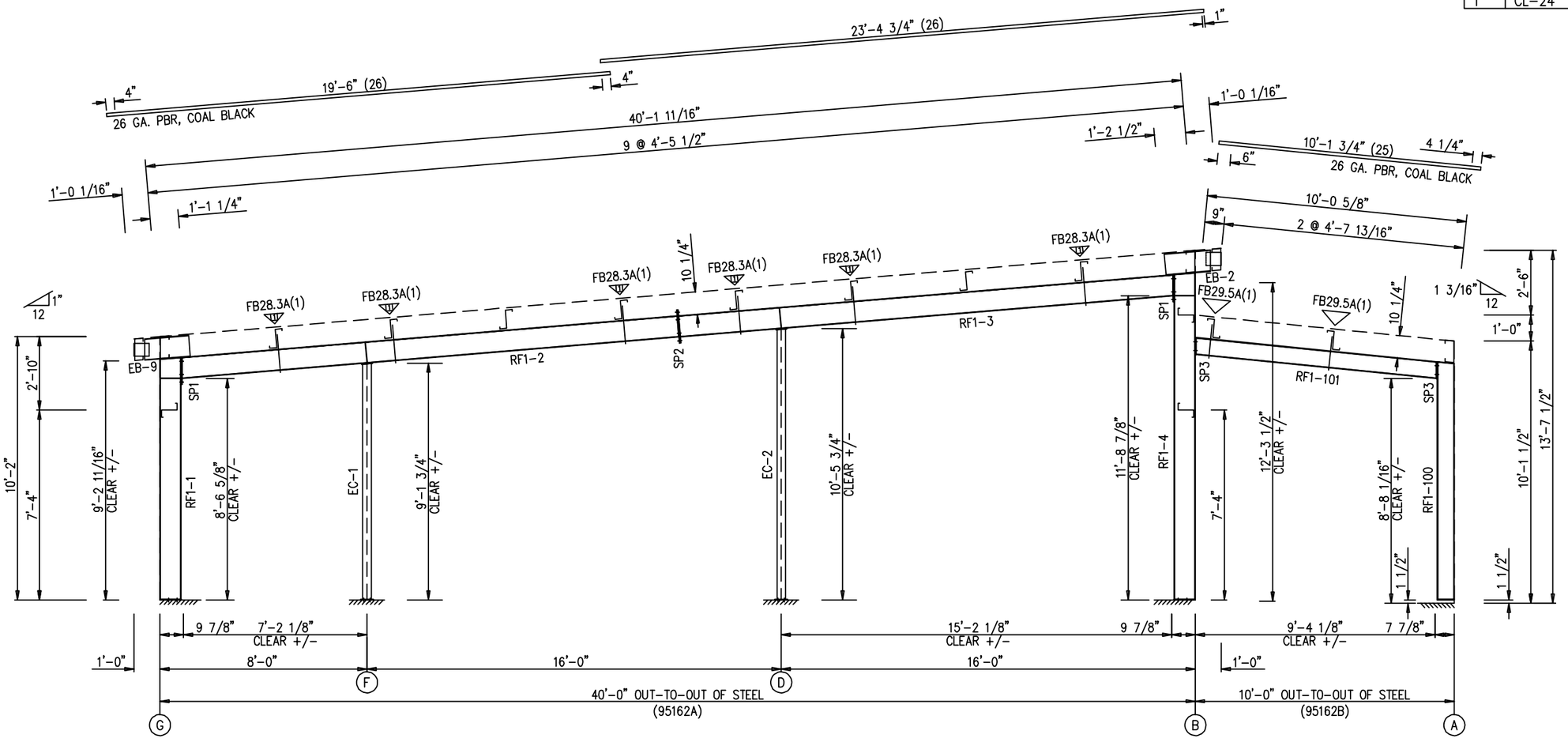
SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP1	2	4	0	A325	5/8"	1 3/4"
SP2	4	4	0	A325	5/8"	1 3/4"
SP3	0	0	4	A325	5/8"	1 3/4"

CAP PLATE BOLTS				
Mark	Qty	Type	Dia	Length
EC-1	4	A325	5/8"	1 1/2"
EC-2	4	A325	5/8"	1 1/2"

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

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W10X12	9'-3 11/16"
RF1-2	W10X12	19'-2 13/16"
RF1-3	W10X12	19'-2 3/4"
RF1-4	W10X12	12'-7 11/16"
EC-1	W8X10	9'-1 15/16"
EC-2	W8X10	10'-5 15/16"
EB-2	W10X12	2'-2 1/2"
EB-9	W10X12	2'-2 1/8"
RF1-100	W8X10	9'-1 11/16"
RF1-101	W8X10	9'-4 1/2"

CONNECTION PLATES	
☐ ID	Mark/Part
1	CL-24



RIGID FRAME ELEVATION: FRAME LINE 1

ISSUE	DATE	ENG.	CHK.	DWN.
APPROVAL	01/17/25	DAR	MEZ	MEZ
PERMIT	08/08/25	DAR	AA	SB
ERECTION	09/16/25	DAR	PKD	PKD

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SCALE: N.T.S.

SHEET NUMBER: 8 OF 22
JOB NUMBER 95162
SHEET TITLE: RIGID FRAME ELEVATION

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP1	4	4	0	A325	5/8"	2"
SP2	4	4	0	A325	3/4"	2 1/4"
SP3	0	0	4	A325	5/8"	1 3/4"

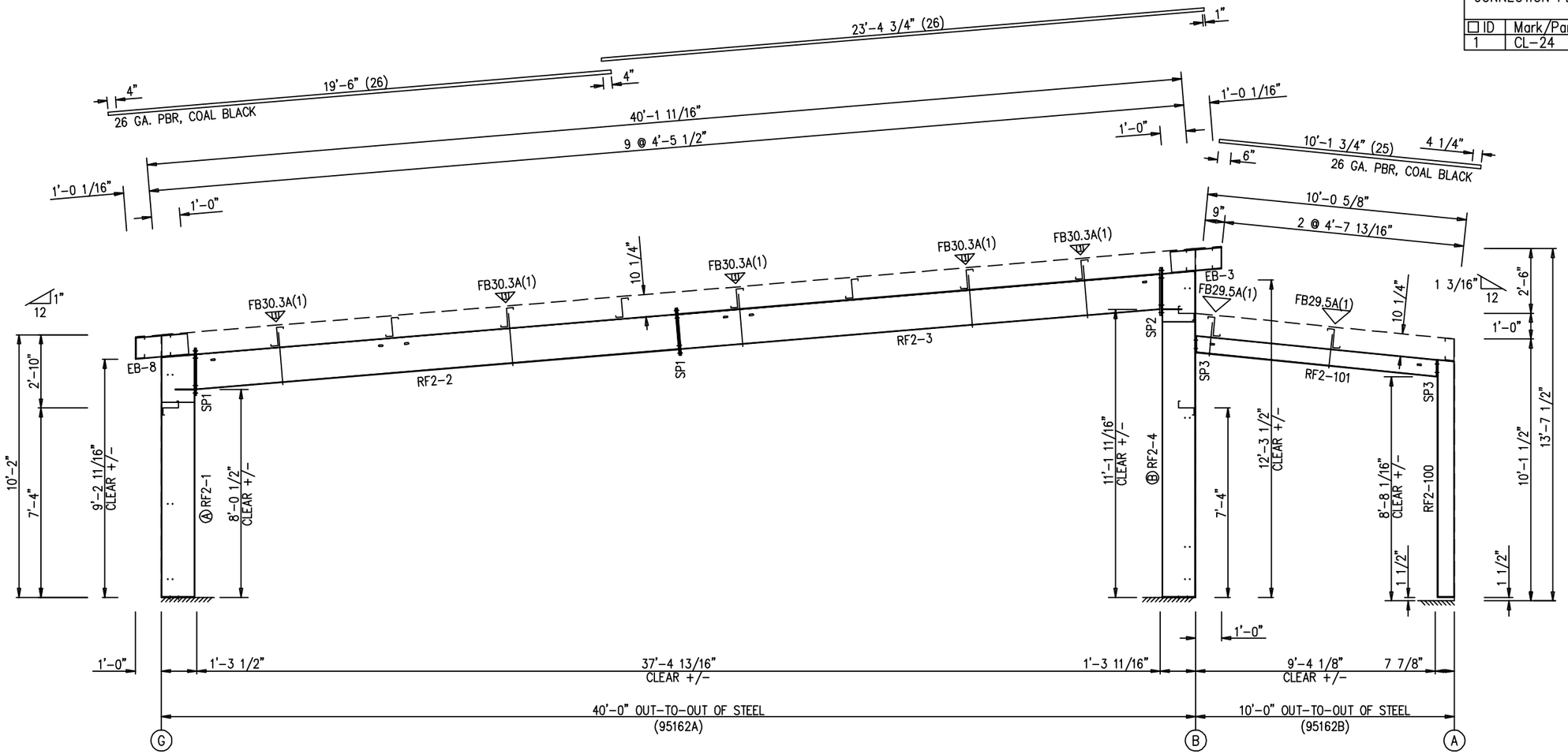
ALTERNATE MEMBER		
Frame Line	OID	Mark
3	A	RF2-5
3	B	RF2-6

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

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-1	15.0/15.0	0.135	7'-6 3/8"	8 x 1/4" x 9'-3 1/16"	8 x 1/4" x 7'-9 3/8"
	15.0/15.0	0.164	1'-10"	8 x 1/4" x 1'-3 5/16"	
RF2-2	16.0/16.0	0.135	18'-8 9/16"	6 x 1/4" x 18'-7 3/16"	6 x 1/4" x 18'-8 9/16"
RF2-3	16.0/16.0	0.135	18'-8 7/16"	6 x 1/4" x 18'-8 7/16"	6 x 1/4" x 9'-8" 6 x 5/16" x 8'-11 1/8"
RF2-4	15.0/15.0	0.250	1'-11 1/2"	8 x 1/4" x 1'-3 7/16"	8 x 5/16" x 10'-10 9/16"
	15.0/15.0	0.135	10'-7 9/16"	8 x 1/4" x 2'-5 13/16"	
				8 x 1/4" x 9'-5 1/4"	

MEMBER TABLE		
MARK	PART	LENGTH
EB-3	W10X12	2'-0"
EB-8	W10X12	2'-0 7/8"
RF2-100	W8X10	9'-1 11/16"
RF2-101	W8X10	9'-4 1/2"

CONNECTION PLATES	
☐ ID	Mark/Part
1	CL-24



RIGID FRAME ELEVATION: FRAME LINES 2 3

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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SCALE: N.T.S.

SHEET NUMBER: 9 OF 22
JOB NUMBER 95162
SHEET TITLE: RIGID FRAME ELEVATION

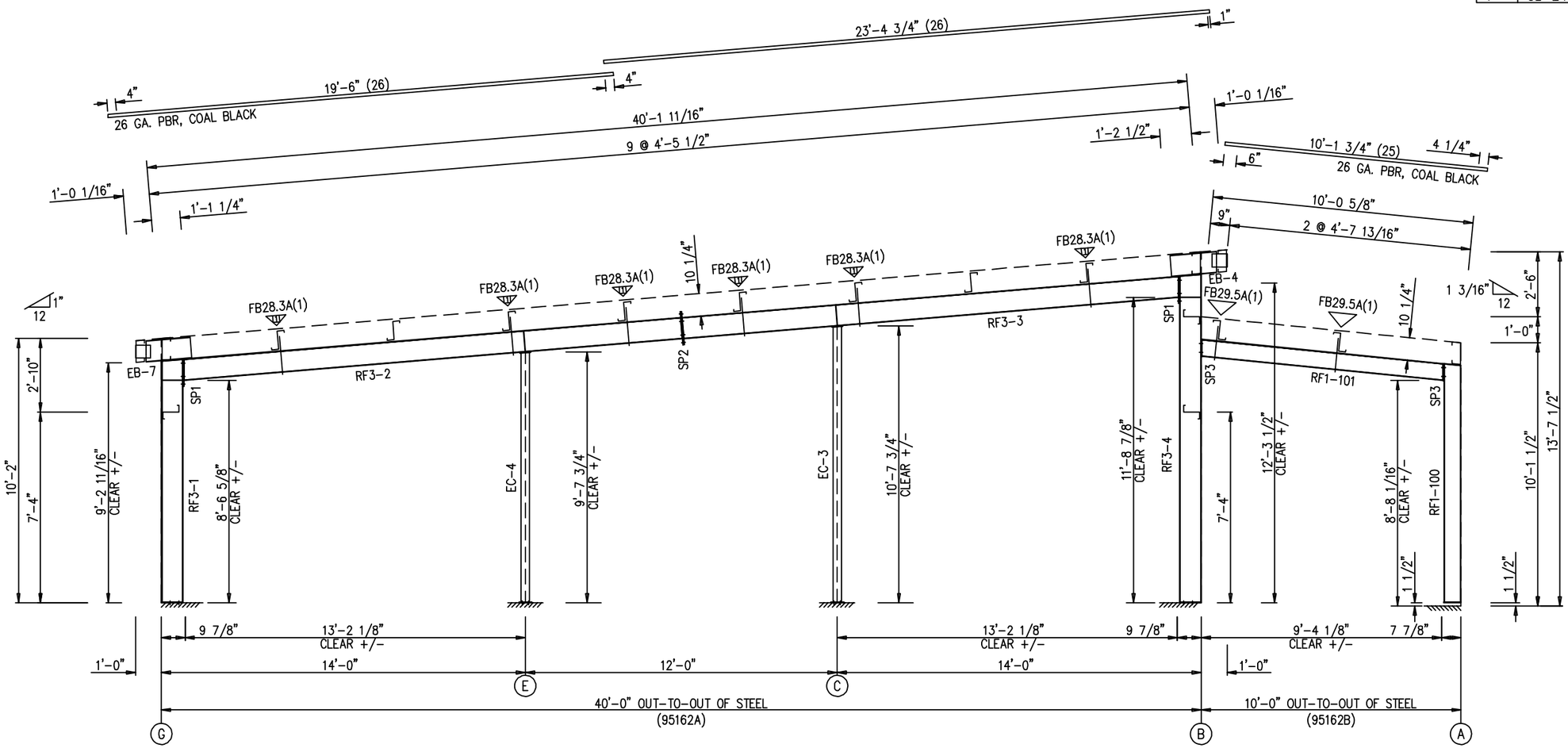
SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP1	2	4	0	A325	5/8"	1 3/4"
SP2	4	4	0	A325	5/8"	1 3/4"
SP3	0	0	4	A325	5/8"	1 3/4"

CAP PLATE BOLTS				
Mark	Qty	Type	Dia	Length
EC-4	4	A325	5/8"	1 1/2"
EC-3	4	A325	5/8"	1 1/2"

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

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF3-1	W10X12	9'-3 11/16"
RF3-2	W10X12	19'-2 13/16"
RF3-3	W10X12	19'-2 3/4"
RF3-4	W10X12	12'-7 11/16"
EC-4	W8X10	9'-7 15/16"
EC-3	W8X10	10'-7 15/16"
EB-4	W10X12	2'-2 1/2"
EB-7	W10X12	2'-2 1/8"
RF1-100	W8X10	9'-1 11/16"
RF1-101	W8X10	9'-4 1/2"

CONNECTION PLATES	
☐ ID	Mark/Part
1	CL-24



RIGID FRAME ELEVATION: FRAME LINE 4

ISSUE	DATE	ENG.	CHK.	DWN.
APPROVAL	01/17/25	DAR	MEZ	MEZ
PERMIT	08/08/25	DAR	AA	SB
ERECTION	09/16/25	DAR	PKD	PKD

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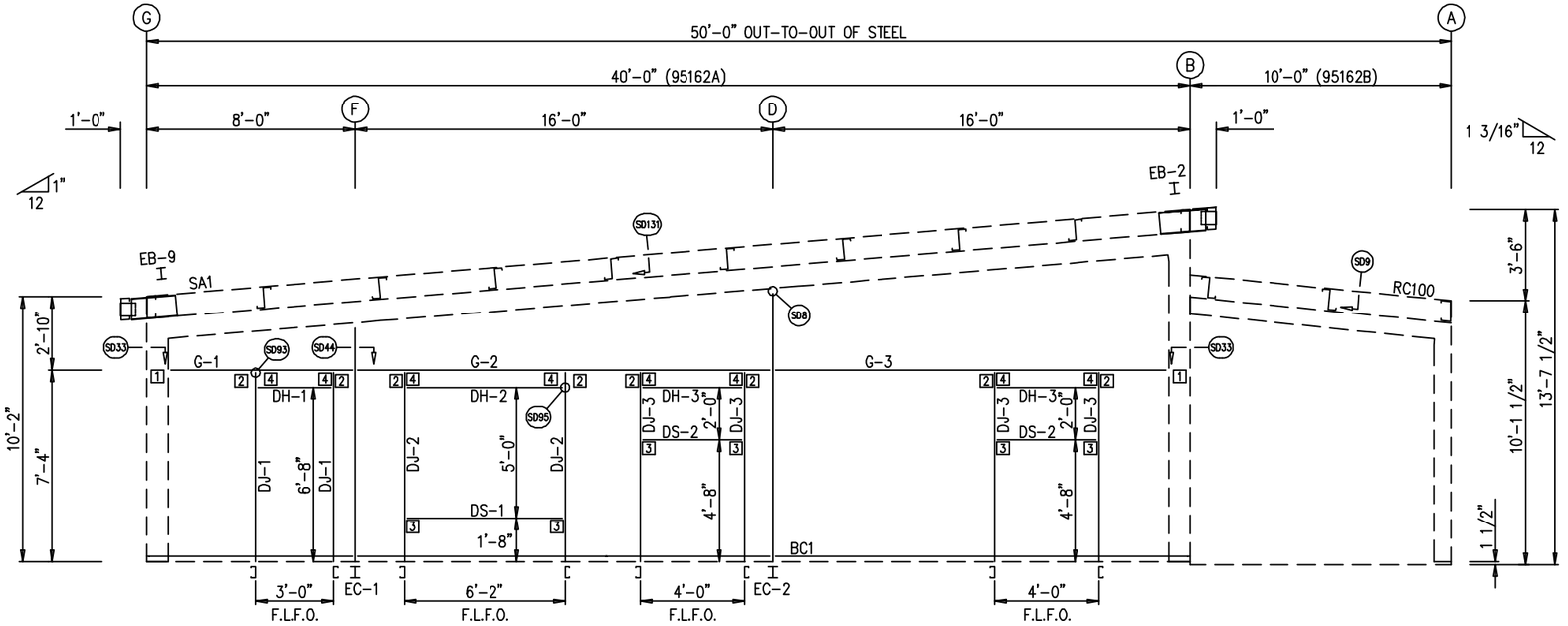
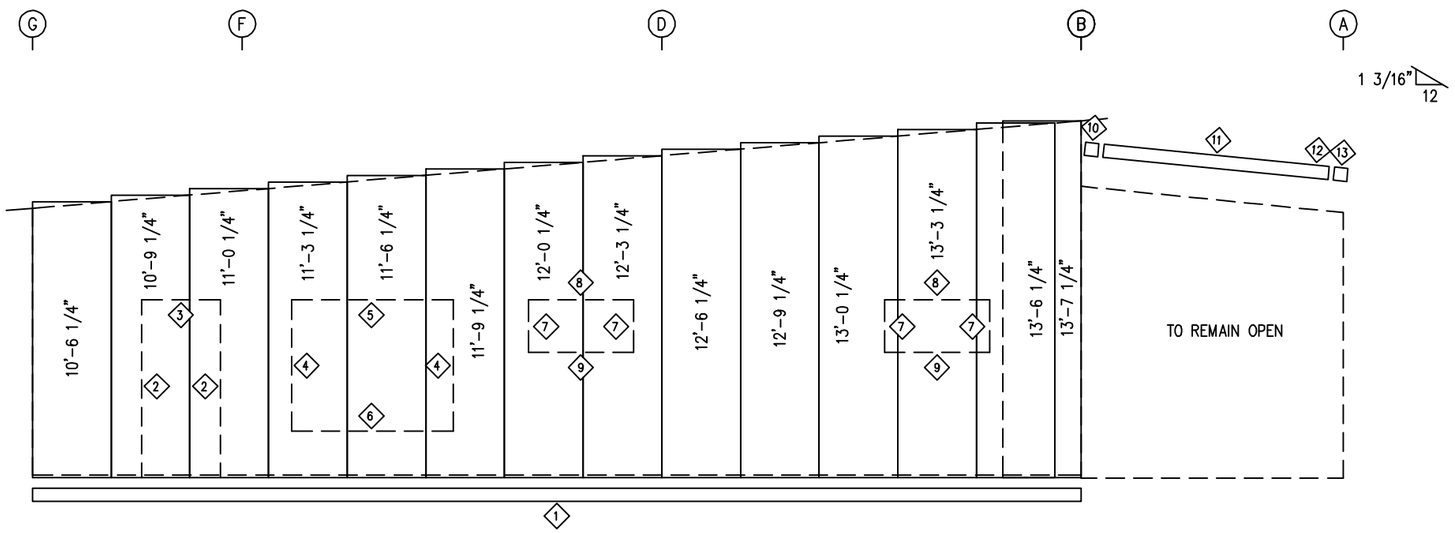
SCALE: N.T.S.

SHEET NUMBER: 10 OF 22
JOB NUMBER 95162
SHEET TITLE: RIGID FRAME ELEVATION



ENDWALL FRAMING: FRAME LINE 1

NOTE: F.L.F.O. = FIELD LOCATED FRAMED OPENING



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 GA. PBR – POLAR WHITE

TRIM TABLE
FRAME LINE 1

◇ID	QUAN	PART	LENGTH	DETAIL
1	4	FL-60	10'-2"	TD75
2	2	FL-48	6'-10"	TD51
3	1	FL-52	3'-4"	TD52
4	2	FL-48	5'-0"	TD51
5	1	FL-52	6'-6"	TD52
6	1	FL-50	6'-6"	TD52
7	4	FL-48	2'-0"	TD51
8	2	FL-52	4'-4"	TD52
9	2	FL-50	4'-4"	TD52
10	1	FL-22	8"	
11	1	FL-365	11'-2"	TD23
12	1	FL-21R	11'-2"	TD85
13	1	FL-328R	9 1/2"	TD13

BOLT TABLE
FRAME LINE 1

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

MEMBER TABLE
FRAME LINE 1

QUAN	MARK	PART	LENGTH
1	EB-2	W10X12	2'-2 1/2"
1	EB-9	W10X12	2'-2 1/8"
1	EC-1	W8X10	9'-1 15/16"
1	EC-2	W8X10	10'-5 15/16"
2	DJ-1	8x25C16	7'-0"
2	DJ-2	8x25C16	7'-0"
4	DJ-3	8x25C16	7'-0"
1	DH-1	8x25C16	2'-11 1/2"
1	DH-2	8x25C16	6'-1 1/2"
2	DH-3	8x25C16	3'-11 1/2"
1	DS-1	8x25C16	6'-1 1/2"
2	DS-2	8x25C16	3'-11 1/2"
1	G-1	8X25Z16	6'-9 13/16"
1	G-2	8X25Z16	15'-3 13/16"
1	G-3	8X25Z16	14'-9 13/16"

CONNECTION PLATES
FRAME LINE 1

□ID	QUAN	MARK
1	2	4" ZEE – 9"
2	8	CL-103
3	6	CL-100
4	8	GW-501

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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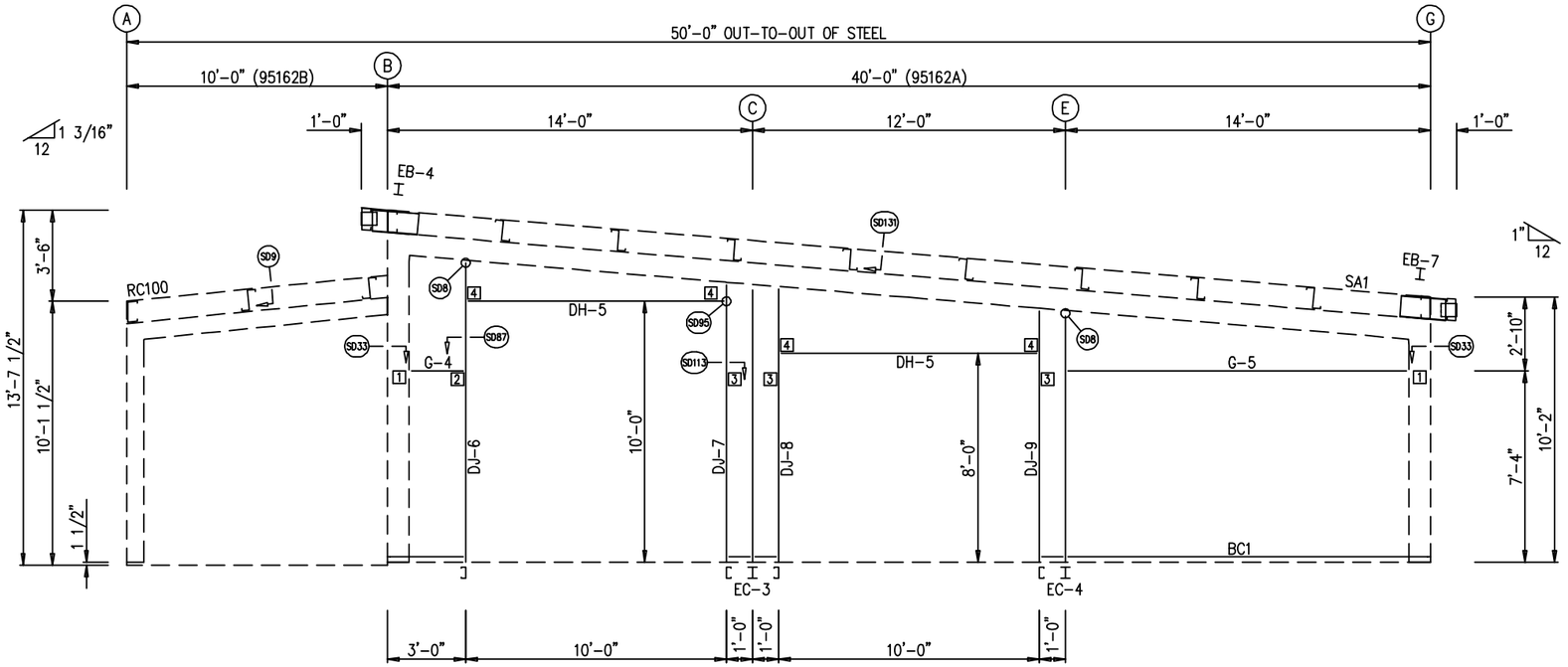
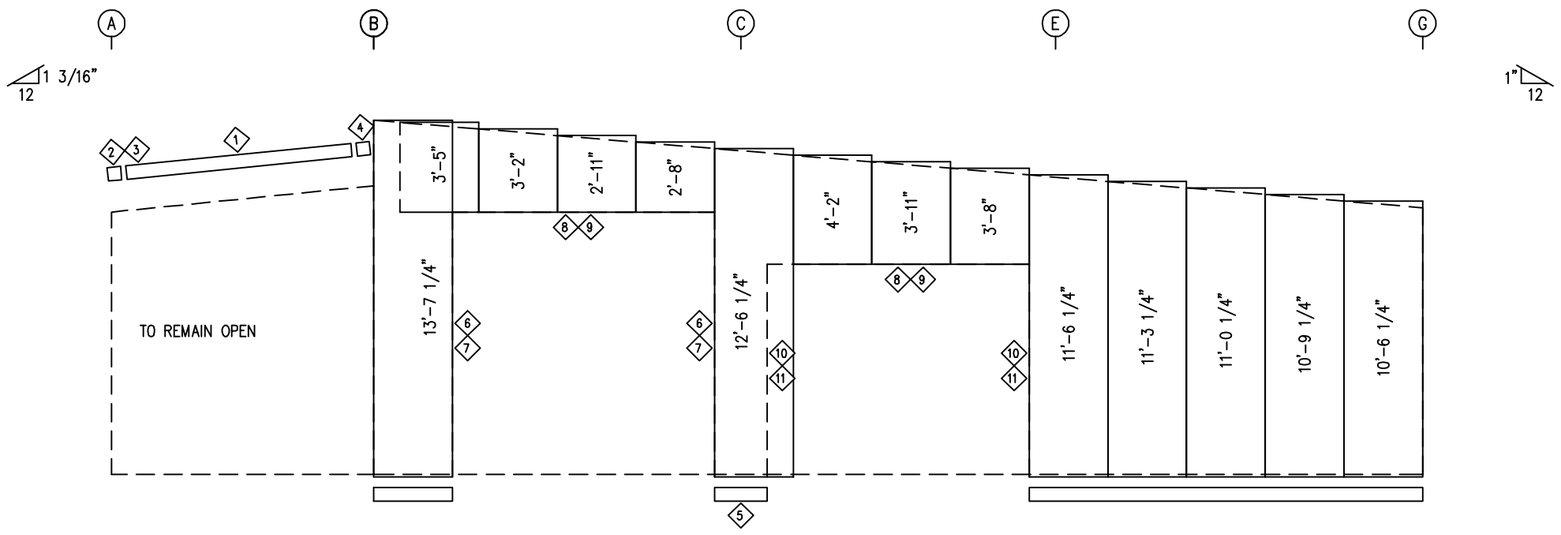
SCALE: N.T.S.

SHEET NUMBER: 11 OF 22
JOB NUMBER 95162
SHEET TITLE: WALL FRAMING & SHEETING



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 GA. PBR – POLAR WHITE

TRIM TABLE
FRAME LINE 4

◇ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-365	11'-2"	TD23
2	1	FL-21L	11'-2"	TD85
3	1	FL-328L	9 1/2"	TD13
4	1	FL-22	8"	
5	2	FL-60	10'-2"	TD75
6	2	FL-55	10'-2"	TD51
7	2	FL-48	10'-2"	TD51
8	2	FL-55	10'-7"	TD52
9	2	FL-52	10'-4"	TD52
10	2	FL-55	8'-2"	TD51
11	2	FL-48	8'-2"	TD51

BOLT TABLE
FRAME LINE 4

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 4

QUAN	MARK	PART	LENGTH
1	EB-4	W10X12	2'-2 1/2"
1	EB-7	W10X12	2'-2 1/8"
1	EC-3	W8X10	10'-7 15/16"
1	EC-4	W8X10	9'-7 15/16"
1	DJ-6	8x25C16	11'-6"
1	DJ-7	8x25C16	10'-8"
1	DJ-8	8x25C16	10'-6"
1	DJ-9	8x25C16	9'-8"
2	DH-5	8x25C16	9'-11 1/2"
1	G-4	8X25Z16	1'-9 13/16"
1	G-5	8X25Z16	12'-9 13/16"

CONNECTION PLATES
FRAME LINE 4

□ID	QUAN	MARK
1	2	4" ZEE - 9"
2	1	CL-103
3	3	GW-500
4	4	CL-100

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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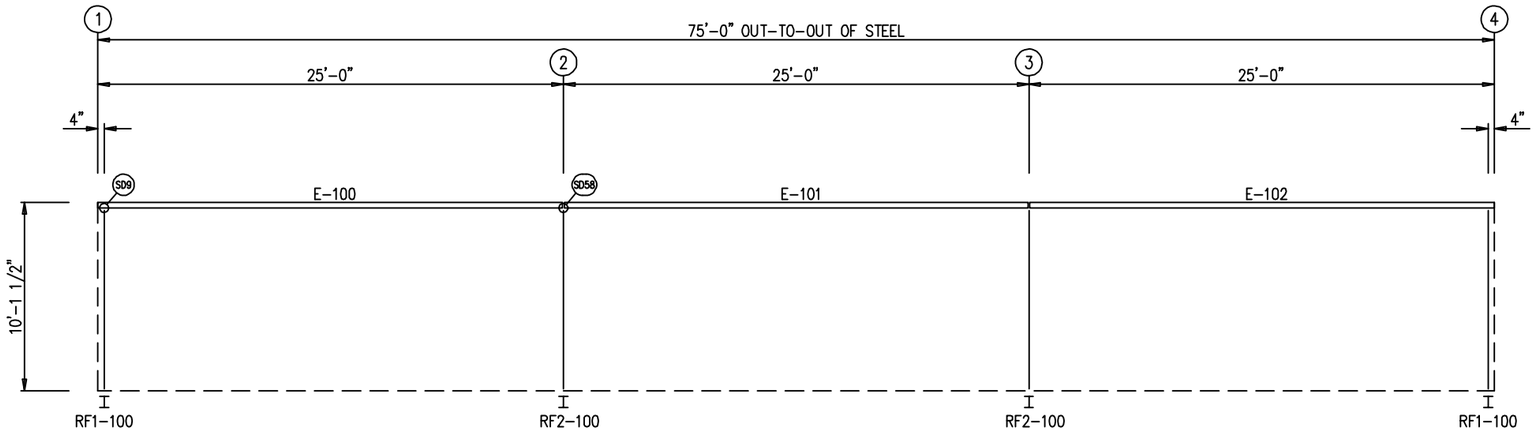
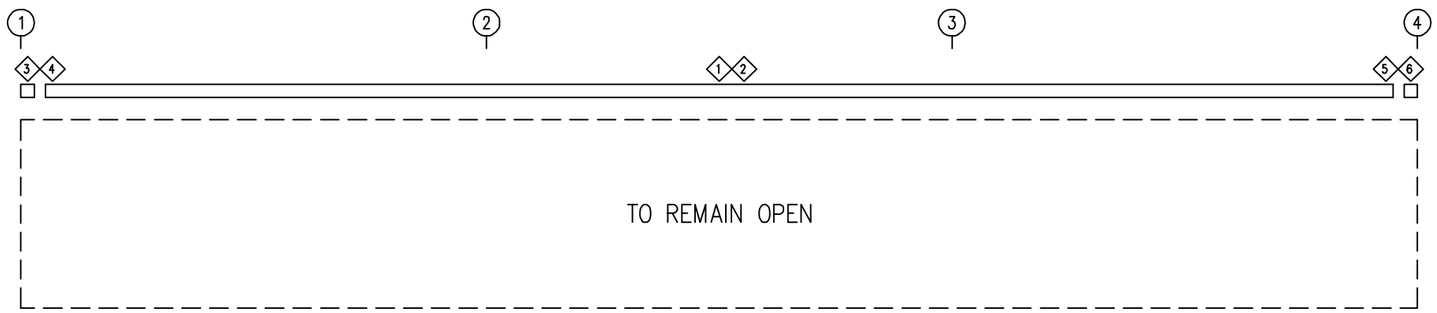
SHEET NUMBER: 12 OF 22
JOB NUMBER 95162
SHEET TITLE: WALL FRAMING & SHEETING



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL TRIM: FRAME LINE A

TRIM TABLE
FRAME LINE A

◇ID	QUAN	PART	LENGTH	DETAIL
1	5	FL-29	11'-2"	TD21
2	7	FL-80	10'-11"	TD21
3	1	FL-29L	11'-2"	TD13
4	1	FL-30L	9 1/2"	TD85
5	1	FL-29R	11'-2"	TD13
6	1	FL-30R	9 1/2"	TD85

MEMBER TABLE
FRAME LINE A

QUAN	MARK	PART	LENGTH
1	E-100	L10E12-1	24'-11 1/2"
1	E-101	L10E12-1	24'-11 1/2"
1	E-102	L10E12-1	24'-11 1/2"

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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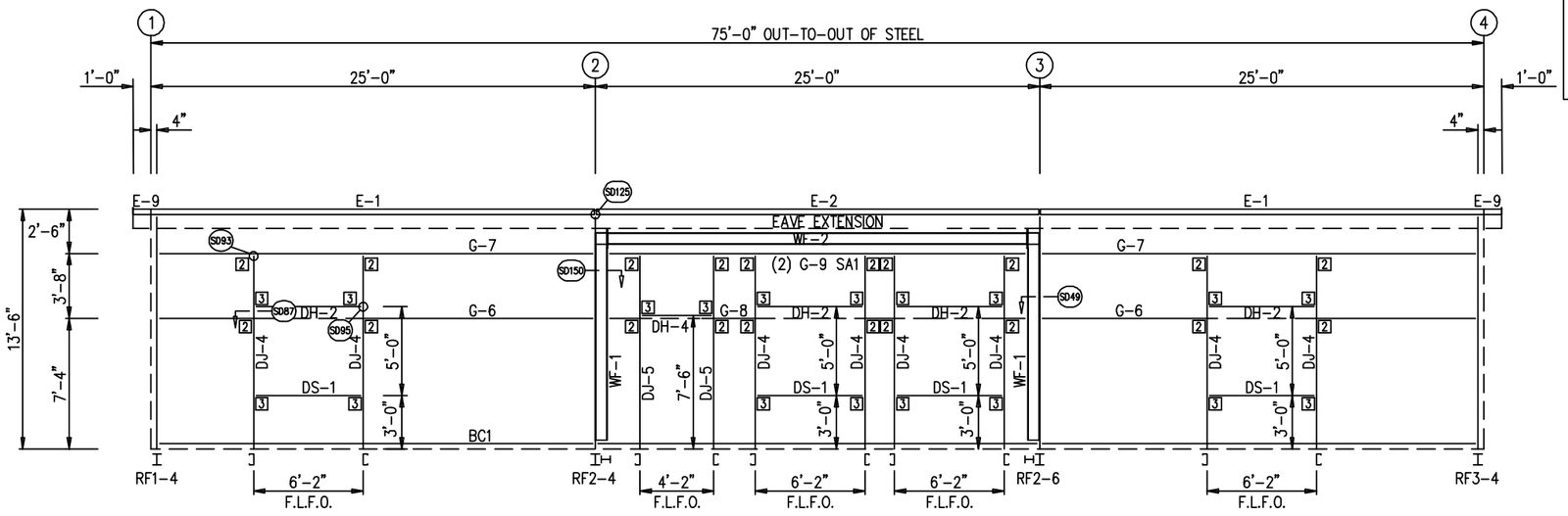
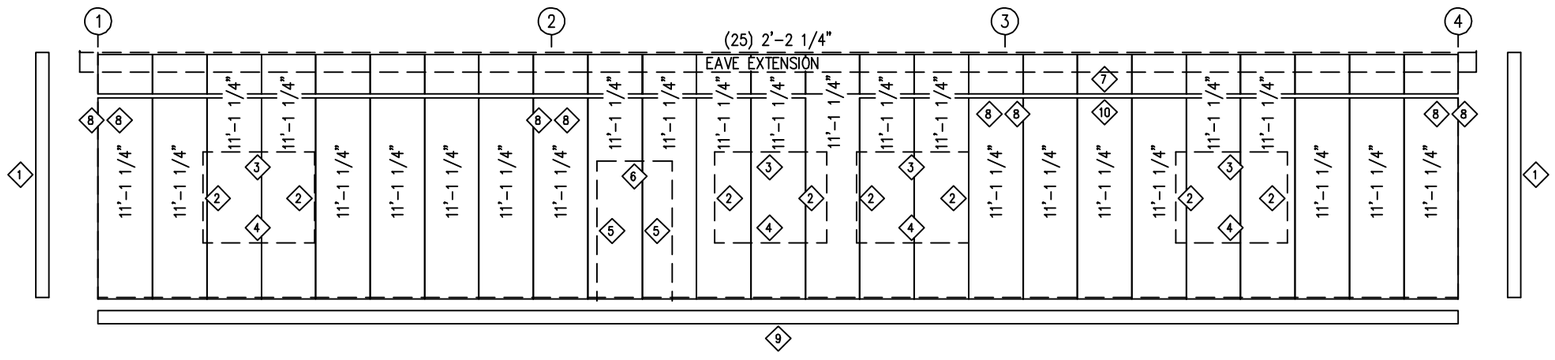
SCALE: N.T.S.

SHEET NUMBER: 13 OF 22
JOB NUMBER 95162
SHEET TITLE: WALL FRAMING & TRIM FOR 95162B



SIDEWALL FRAMING: FRAME LINE B

NOTE: F.L.F.O. = FIELD LOCATED FRAMED OPENING



SIDEWALL SHEETING & TRIM: FRAME LINE B

PANELS: 26 GA. PBR – POLAR WHITE

TRIM TABLE
FRAME LINE B

◇ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-10	13'-6"	TD40
2	8	FL-48	5'-0"	TD51
3	4	FL-52	6'-6"	TD52
4	4	FL-50	6'-6"	TD52
5	2	FL-48	7'-8"	TD51
6	1	FL-52	4'-6"	TD52
7	7	FL-65	10'-11"	TD207
8	8	FL-96	1'-2"	TD250
9	8	FL-60	10'-2"	TD75
10	7	FL-232	10'-11"	TD207

BOLT TABLE
FRAME LINE B

LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 – WF-2	8	A325	5/8"	1 3/4"
WF-1 – RF2-4	8	A325	5/8"	1 1/2"
WF-1 – RF2-6	8	A325	5/8"	1 1/2"

MEMBER TABLE
FRAME LINE B

QUAN	MARK	PART	LENGTH
2	WF-1	W8X10	11'-8"
1	WF-2	W8X24	23'-7 11/16"
8	DJ-4	8x25C16	10'-8"
2	DJ-5	8x25C16	10'-8"
4	DH-2	8x25C16	6'-1 1/2"
1	DH-4	8x25C16	4'-1 1/2"
4	DS-1	8x25C16	6'-1 1/2"
2	E-1	H10E16-1	23'-11 13/16"
1	E-2	H10E16-1	24'-3 13/16"
2	E-9	H10E16-1	11 5/8"
2	G-6	8X25Z16	23'-10 3/4"
2	G-7	8X25Z12	23'-10 3/4"
1	G-8	8X25Z16	23'-7 9/16"
2	G-9	8X25Z16	23'-7 9/16"

CONNECTION PLATES
FRAME LINE B

□ID	QUAN	MARK
2	20	CL-103
3	18	CL-100

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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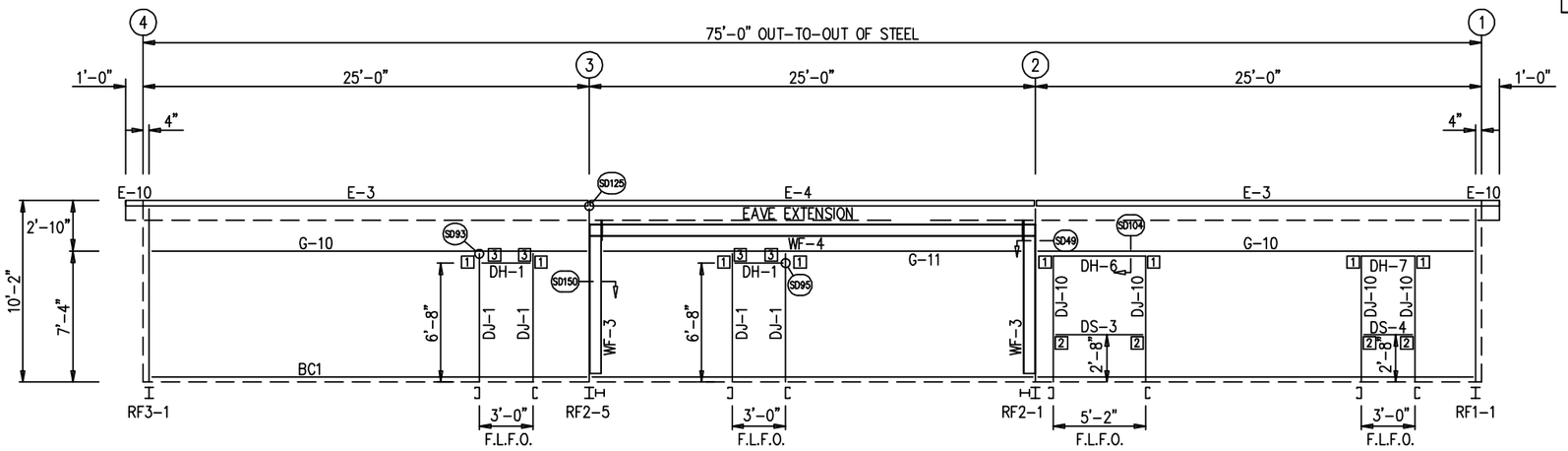
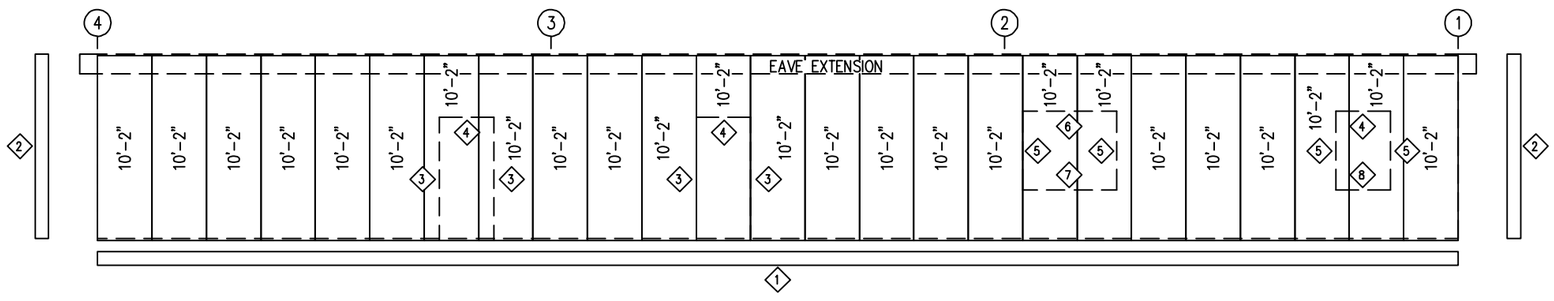
SHEET NUMBER: 14 OF 22
JOB NUMBER 95162
SHEET TITLE: WALL FRAMING & SHEETING



SIDEWALL FRAMING: FRAME LINE G

NOTE: F.L.F.O. = FIELD LOCATED FRAMED OPENING



SIDEWALL SHEETING & TRIM: FRAME LINE G

PANELS: 26 GA. PBR – POLAR WHITE

TRIM TABLE
FRAME LINE G

◇ID	QUAN	PART	LENGTH	DETAIL
1	7	FL-60	10'-2"	TD75
2	2	FL-10	10'-2"	TD40
3	4	FL-48	6'-10"	TD51
4	3	FL-52	3'-4"	TD52
5	4	FL-48	4'-4"	TD51
6	1	FL-52	5'-6"	TD52
7	1	FL-50	5'-6"	TD52
8	1	FL-50	3'-4"	TD52

BOLT TABLE
FRAME LINE G

LOCATION	QUAN	TYPE	DIA	LENGTH
WF-3 – WF-4	8	A325	5/8"	1 3/4"
WF-3 – RF2-5	6	A325	5/8"	1 1/2"
WF-3 – RF2-1	6	A325	5/8"	1 1/2"

MEMBER TABLE
FRAME LINE G

QUAN	MARK	PART	LENGTH
2	WF-3	W8X10	8'-4"
1	WF-4	W8X24	23'-7 5/8"
4	DJ-1	8x25C16	7'-0"
4	DJ-10	8x25C16	7'-0"
2	DH-1	8x25C16	2'-11 1/2"
1	DH-6	GH-1	5'-2"
1	DH-7	GH-1	3'-0"
1	DS-3	8x25C16	5'-1 1/2"
1	DS-4	8x25C16	2'-11 1/2"
2	E-3	L10E16-1	23'-11 13/16"
1	E-4	L10E16-1	24'-3 13/16"
2	E-10	L10E16-1	11 5/8"
2	G-10	8X35Z14	23'-10 13/16"
1	G-11	8X35Z14	23'-7 1/2"

CONNECTION PLATES
FRAME LINE G

□ID	QUAN	MARK
1	8	CL-103
2	4	CL-100
3	4	GW-501

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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PROJECT END USE:
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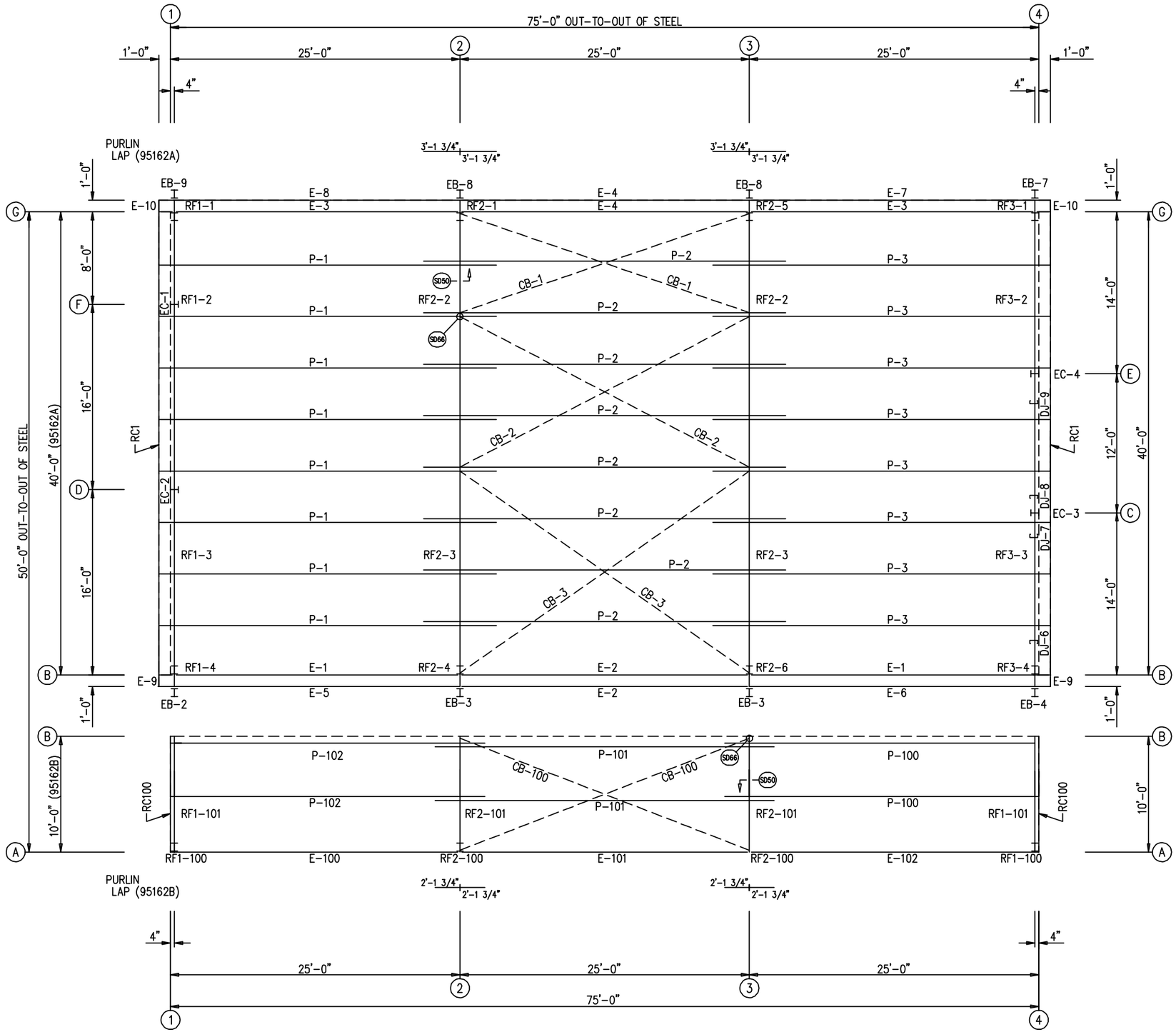
CUSTOMER EMAIL:
SCALE: N.T.S.

SHEET NUMBER: 15 OF 22
JOB NUMBER 95162
SHEET TITLE: WALL FRAMING & SHEETING FOR 95162A



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-7	4	A325	5/8"	1 1/2"
EB-8	4	A325	5/8"	1 1/2"
EB-9	4	A325	5/8"	1 1/2"

MEMBER TABLE ROOF PLAN			
QUAN	MARK	PART	LENGTH
1	EB-2	W10X12	2'-0"
2	EB-3	W10X12	2'-0"
1	EB-4	W10X12	2'-0"
1	EB-7	W10X12	2'-0 7/8"
2	EB-8	W10X12	2'-0 7/8"
1	EB-9	W10X12	2'-0 7/8"
8	P-1	10X25Z14	29'-1 1/2"
8	P-2	10X25Z16	31'-3 1/2"
8	P-3	10X25Z14	29'-1 1/2"
2	E-1	H10E16-1	23'-11 13/16"
2	E-2	H10E16-1	24'-3 13/16"
2	E-3	L10E16-1	23'-11 13/16"
2	E-4	L10E16-1	24'-3 13/16"
1	E-5	H10E16-1	25'-7 5/8"
1	E-6	H10E16-1	25'-7 5/8"
1	E-7	L10E16-1	25'-7 5/8"
1	E-8	L10E16-1	25'-7 5/8"
2	E-9	H10E16-1	11 5/8"
2	E-10	L10E16-1	11 5/8"
2	CB-1	CB0250	26'-4"
2	CB-2	CB0250	28'-4 3/4"
2	CB-3	CB0250	29'-9 1/2"
2	P-100	10X25Z14	27'-1 1/2"
2	P-101	10X25Z14	29'-3 1/2"
2	P-102	10X25Z14	27'-1 1/2"
1	E-100	L10E12-1	24'-11 1/2"
1	E-101	L10E12-1	24'-11 1/2"
1	E-102	L10E12-1	24'-11 1/2"
2	CB-100	CB0250	26'-9 1/4"

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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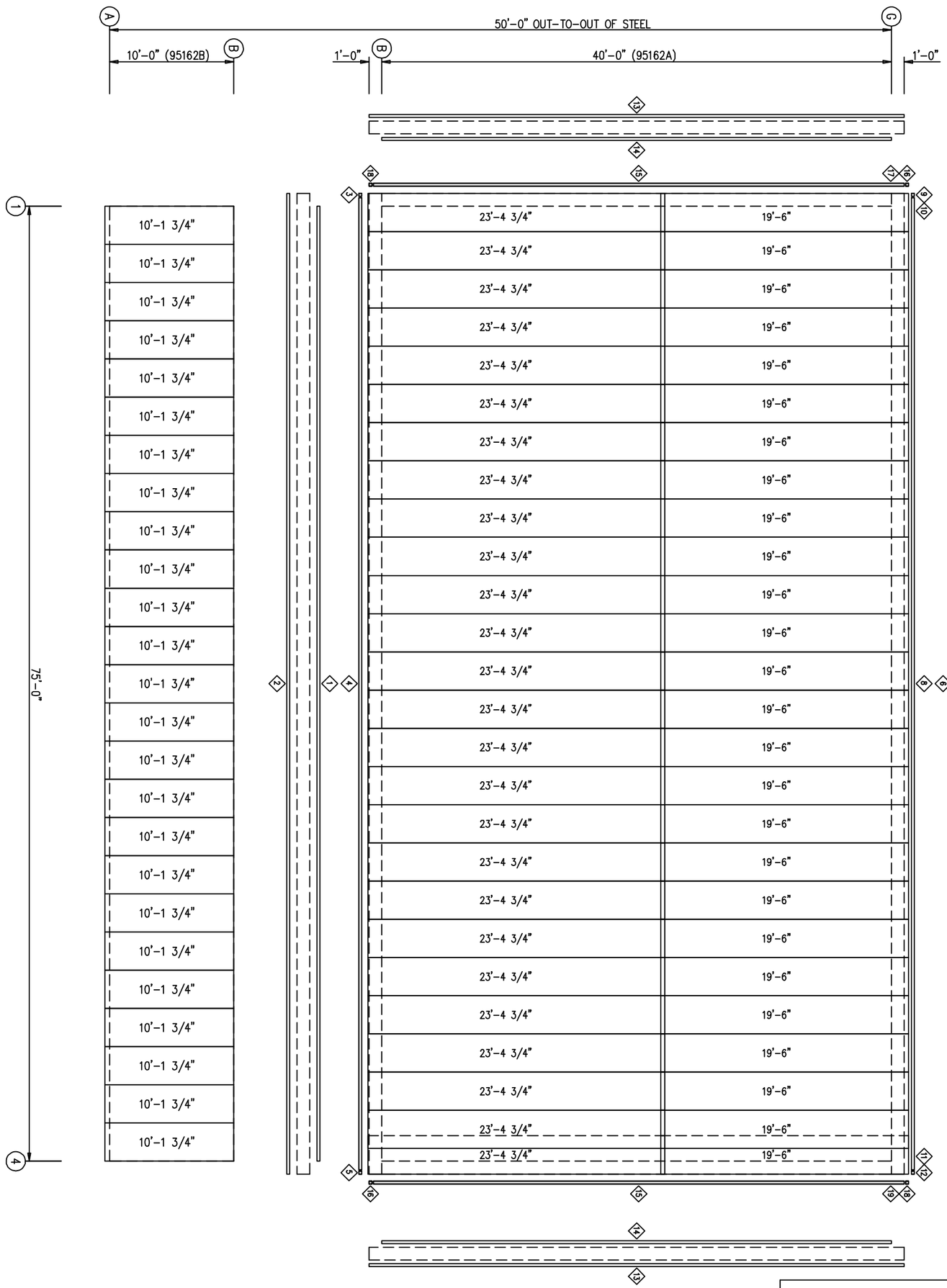
CUSTOMER EMAIL:
SCALE: N.T.S.

SHEET NUMBER: 16 OF 22
JOB NUMBER 95162
SHEET TITLE: ROOF FRAMING PLAN



ROOF SHEETING PLAN

PANELS: 26 GA. PBR - COAL BLACK

TRIM TABLE
ROOF PLAN

◇ID	QUAN	PART	LENGTH	DETAIL
1	7	FL-505	11'-0"	TD22
2	1	FL-506	11'-3"	TD22
3	1	FL-27L	11'-2"	TD85
4	1	FL-27	11'-7"	TD22
5	7	FL-27R	11'-2"	TD85
6	1	FL-502	11'-0"	TD22
7	7	FL-501	11'-3"	TD20
8	1	FL-29	11'-7"	TD16
9	1	FL-29R	11'-2"	TD13
10	1	FL-30R	9 1/2"	TD85
11	1	FL-29L	11'-2"	TD13
12	8	FL-30L	9 1/2"	TD85
13	8	FL-503	10'-11"	TD24
14	4	FL-504	10'-4"	TD24
15	2	FL-21	11'-3"	TD24
16	1	FL-21L	11'-2"	TD85
17	1	FL-328L	9 1/2"	TD13
18	2	FL-21R	11'-2"	TD85
19	1	FL-328R	9 1/2"	TD13

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

SHEET NUMBER: 17 OF 22

JOB NUMBER: 95162

SHEET TITLE: ROOF SHEETING PLAN

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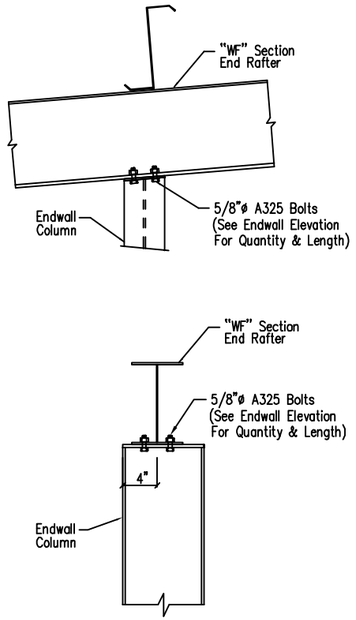
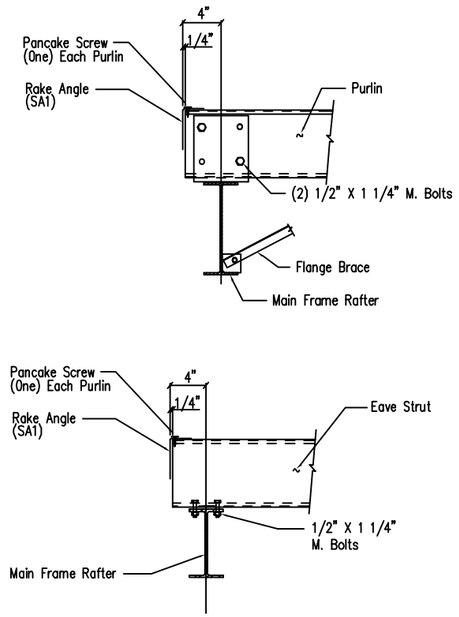
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR



Hot Rolled Column to Hot Rolled Rafter

DRAWING NO. SD8

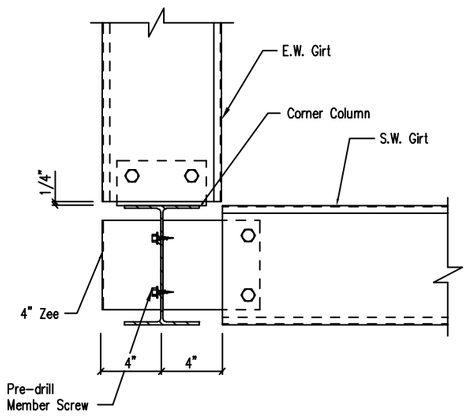


Main Frame Rafter Connection

PURLIN & EAVE STRUT CONNECTION

Created On: 7/22/11

DRAWING NO. SD9

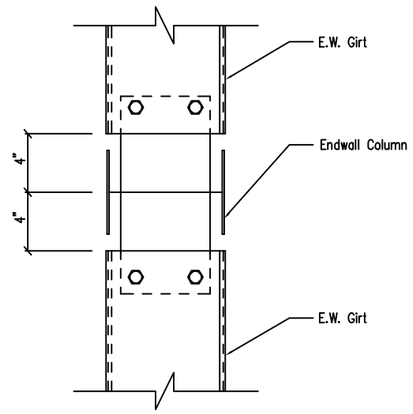


Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

Section at Hot Rolled Corner Column

Flush Endwall – Flush Sidewall

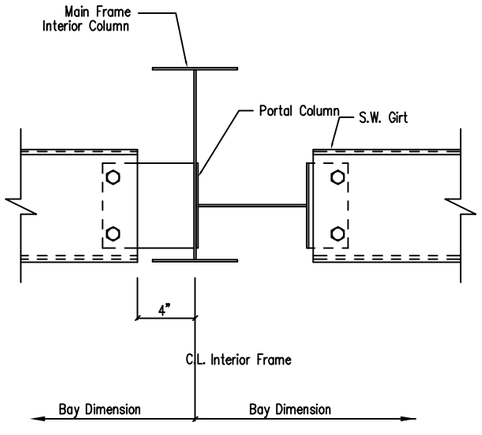
DRAWING NO. SD33



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

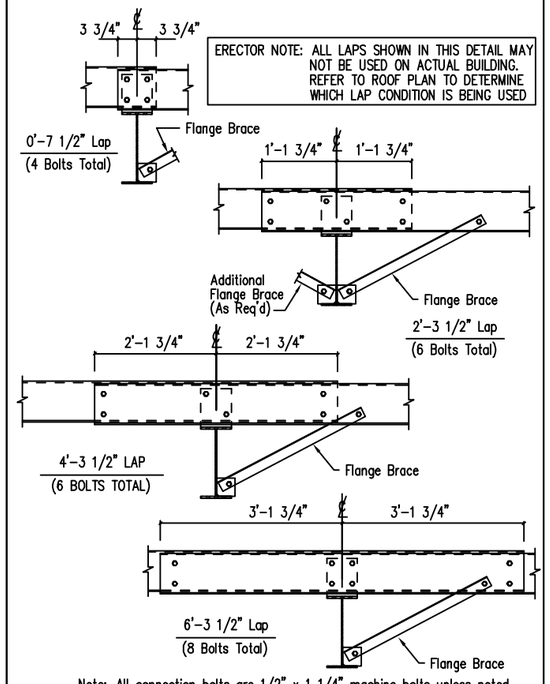


Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

Section at Interior MF Column & Portal Frame

Flush Sidewall

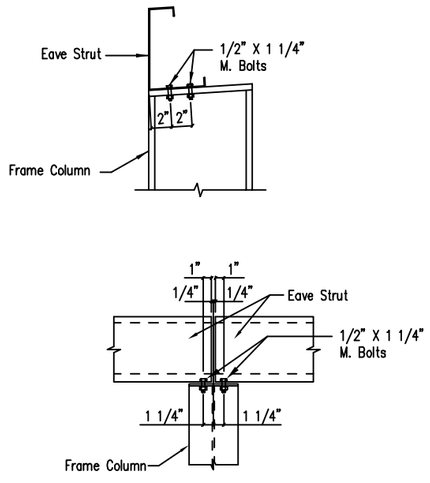
DRAWING NO. SD49



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

Interior Bay Purlin Framing

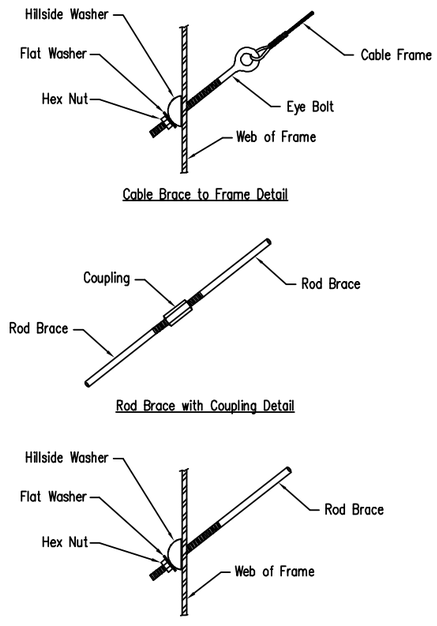
DRAWING NO. SD50



Eave Strut at Interior Column

Flush Sidewall

DRAWING NO. SD58



Cable Brace to Frame Detail

Rod Brace with Coupling Detail

Rod Brace to Frame Detail

Cable or Rod Brace to Frame Connection

DRAWING NO. SD66

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/05	MEZ	MEZ	DAR
PERMIT	08/08/05	SB	AA	DAR
ERECTION	09/16/05	PKD	PKD	DAR

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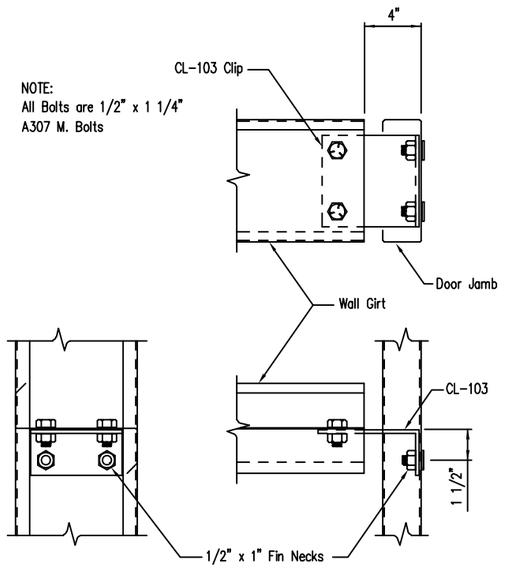
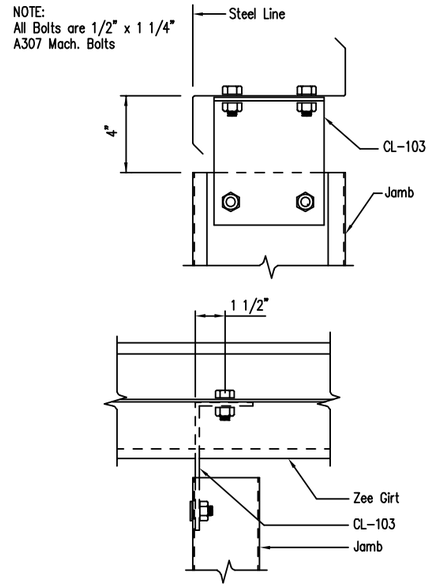
SCALE: N.T.S.

SHEET NUMBER: 18 OF 22
JOB NUMBER 95162
SHEET TITLE: DETAIL DRAWINGS



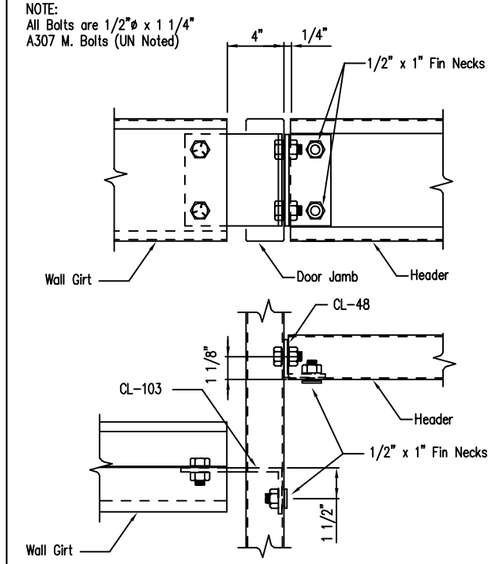
ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP. THE DRAWINGS ABOVE ARE TOED DOWN FOR REFERENCE.

Girt to Jamb (Bolted Clips) — DRAWING NO. SD87



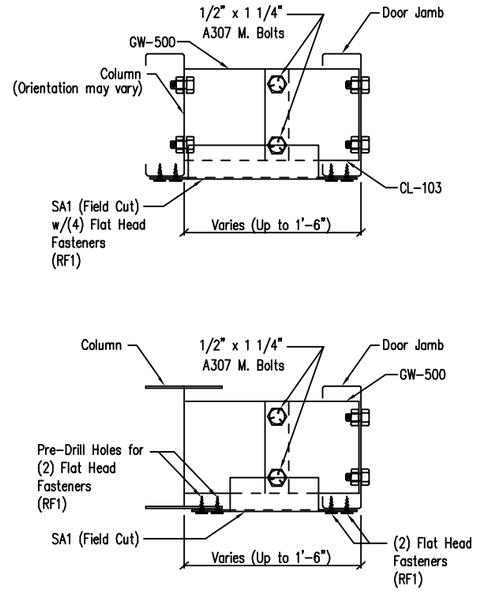
ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE LEFT OF THE INTENDED JAMB LINE, THE CLIP(S) IN REFERENCE ARE TOED LEFT. IF RIGHT OF THE JAMB LINE, THEN TOED RIGHT. THE DRAWINGS ABOVE ARE TOED LEFT FOR REFERENCE.

Jamb to Girt — DRAWING NO. SD93



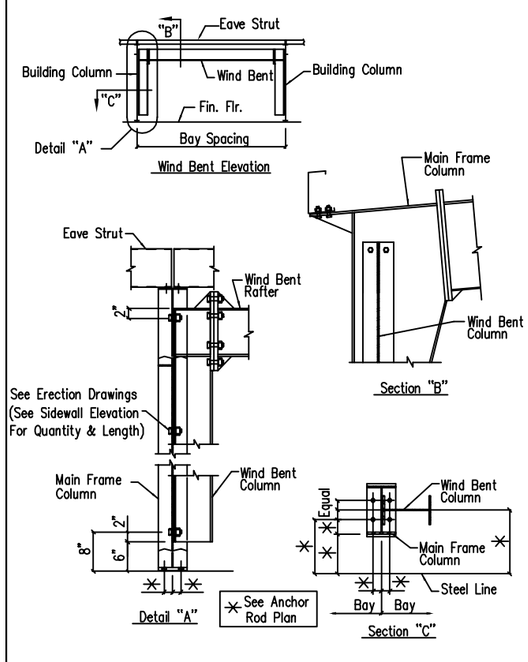
ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP. THE DRAWINGS ABOVE ARE TOED DOWN FOR REFERENCE.

Girt/Header to Jamb — DRAWING NO. SD95



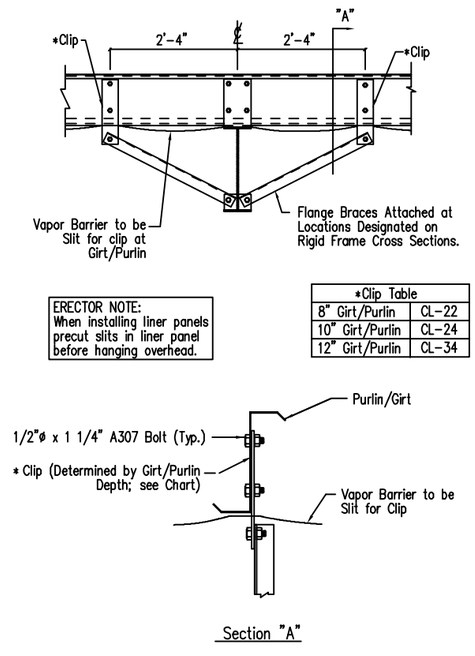
Column to Door Jamb Clip Attachment — DRAWING NO. SD113

Created On: 4/28/22



Flush Wind Bent (Floating) — DRAWING NO. SD150

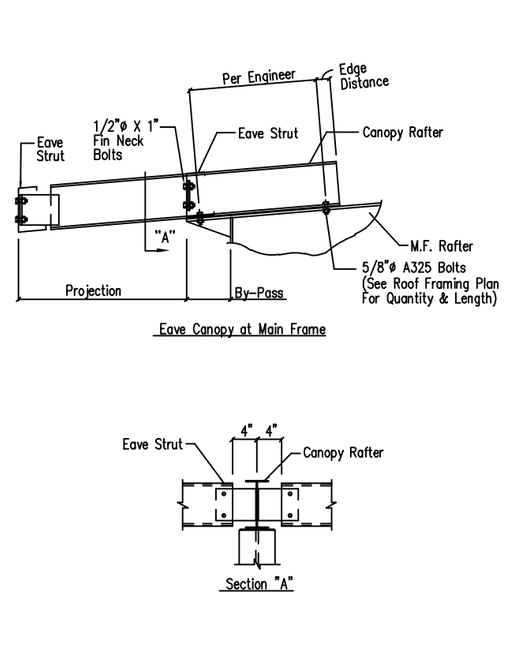
Created On: 3/25/13
Revised On: 7/22/14



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

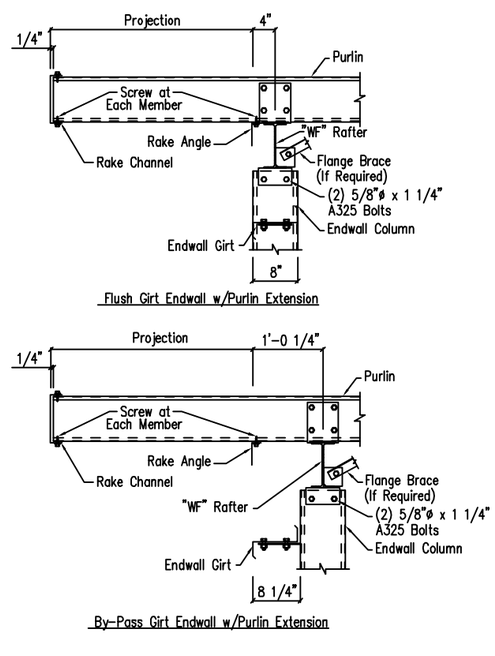
Interior Girt/Purlin Flange Brace Attachment for Insulation — DRAWING NO. SD163

Revised On : 02/08/24
Created On: 8/26/11



Eave Canopy Framing Detail — DRAWING NO. SD125

Revised On: 7/10/17



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

Purlin Extension Framing Details
Hot Roll Rafter — DRAWING NO. SD131

Revised On: 7/10/17

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	DAR	DAR
PERMIT	08/08/25	SB	AA	PKD
ERECTION	09/16/25	PKD	PKD	

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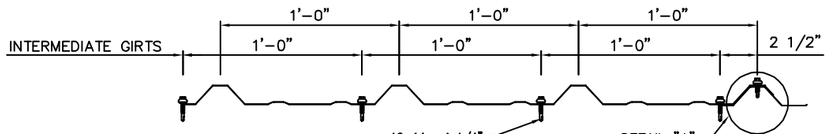
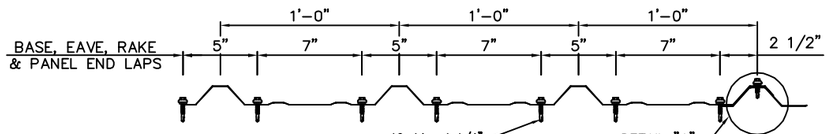
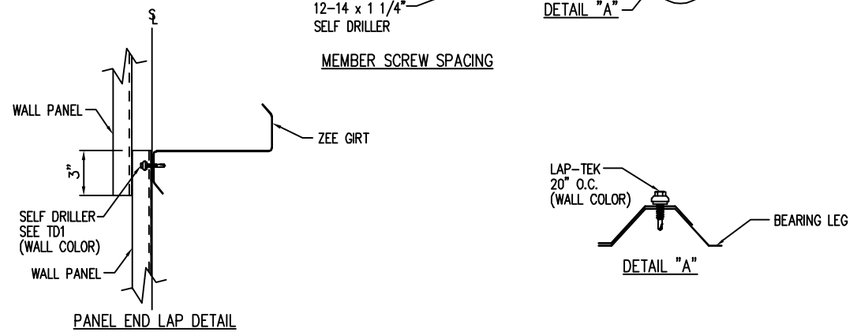
SCALE: N.T.S.
SHEET NUMBER: 19 OF 22
JOB NUMBER 95162
SHEET TITLE: DETAIL DRAWINGS



MEMBER SCREW SPACING



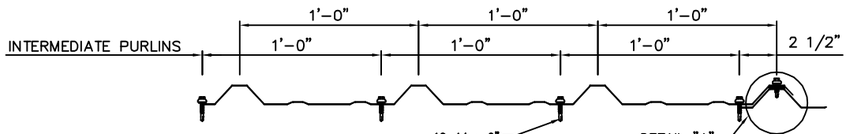
MEMBER SCREW SPACING



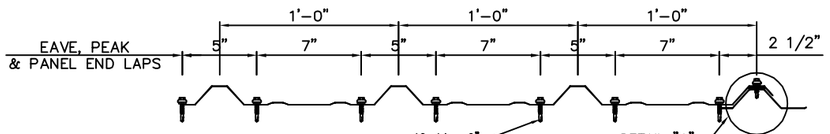
PANEL END LAP DETAIL

Fastener Location at Wall – PBR — DRAWING NO. TD1

Created On: 08/13/18



MEMBER SCREW SPACING

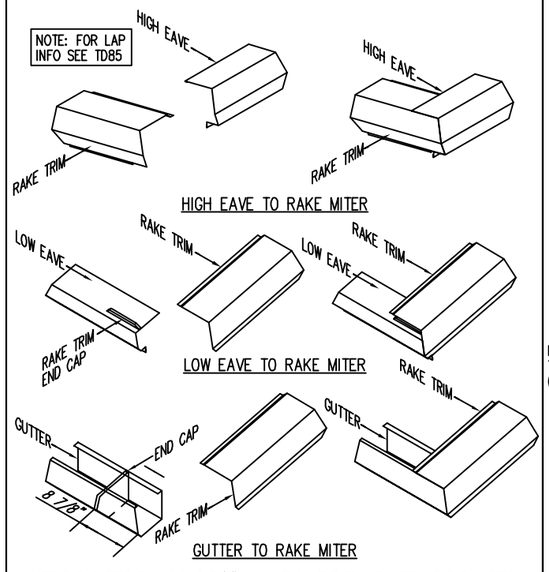


MEMBER SCREW SPACING

PANEL END LAP DETAIL

Fastener Location at Roof – PBR — DRAWING NO. TD7

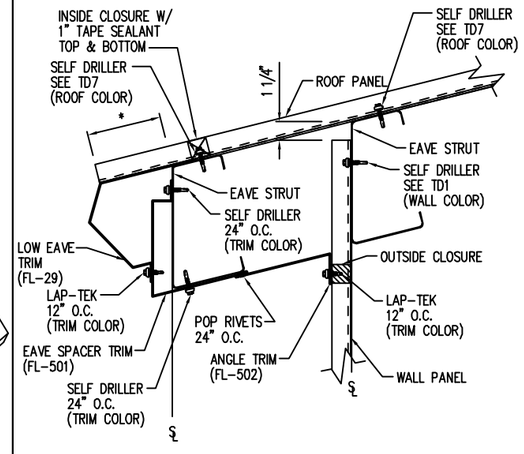
Created On: 08/13/18



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.

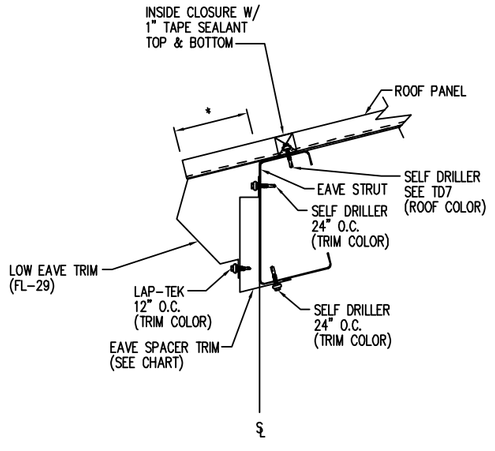
Sculptured Trim Detail – PBR — DRAWING NO. TD13

Created On: 08/13/18



Low Eave Detail – PBR
Sculptured Eave – Open Wall – No Soffit

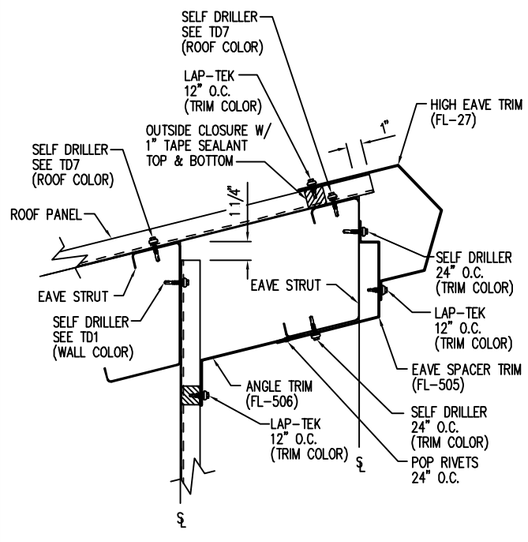
Created On: 08/08/18 — DRAWING NO. TD20



TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-80
10"	FL-80
12"	FL-500

Low Eave Detail – PBR
Sculptured Eave – Open Wall – No Soffit

Created On: 08/08/18 — DRAWING NO. TD21



High Eave Detail – PBR
Sculptured Eave – Open Wall – No Soffit

Created On: 08/06/25 — DRAWING NO. TD22

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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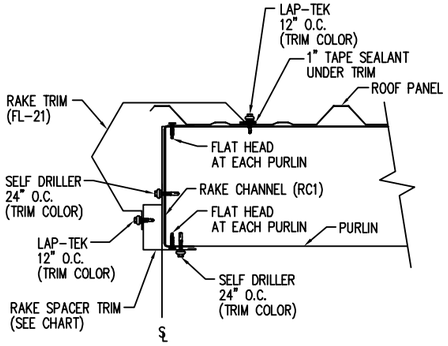
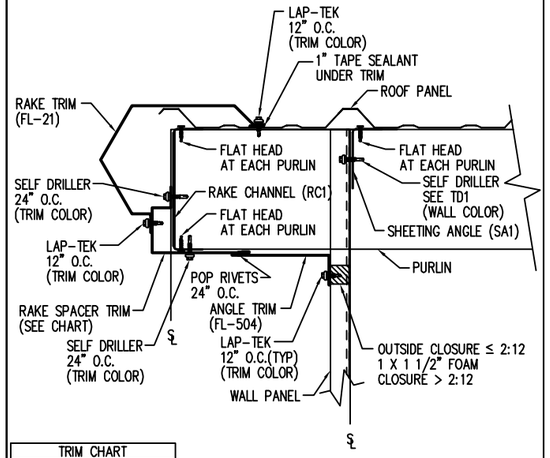
CUSTOMER EMAIL:
SCALE: N.T.S.
SHEET NUMBER: 20 OF 22
JOB NUMBER 95162
SHEET TITLE: DETAIL DRAWINGS



TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-78
10"	FL-365
12"	FL-366

Rake Detail – PBR
Sculptured Rake – Open Wall – No Soffit

DRAWING NO. TD23

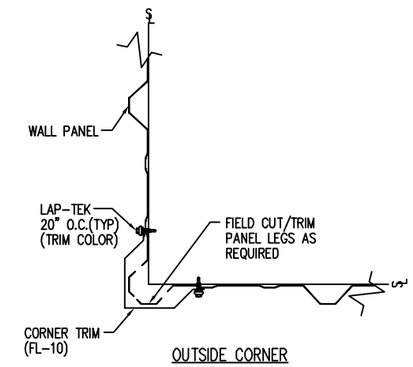


TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-503
10"	FL-503
12"	FL-503

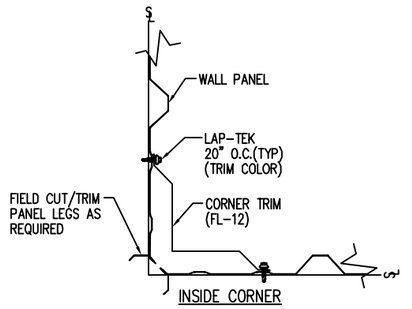
NOTE: FIELD NOTCH WALL PANEL AROUND PURLINS AND EAVE STRUTS
NOTE: FIELD SLOPE CUT WALL PANELS AS REQUIRED FOR ROOF SLOPE

Rake Detail – PBR
Sculptured Rake – Open Wall – No Soffit

DRAWING NO. TD24



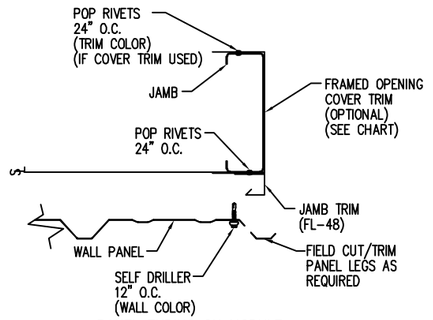
OUTSIDE CORNER



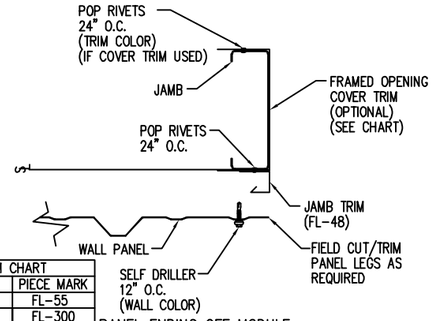
INSIDE CORNER

Section at Corner Detail – PBR

DRAWING NO. TD40



PANEL ENDING ON MODULE

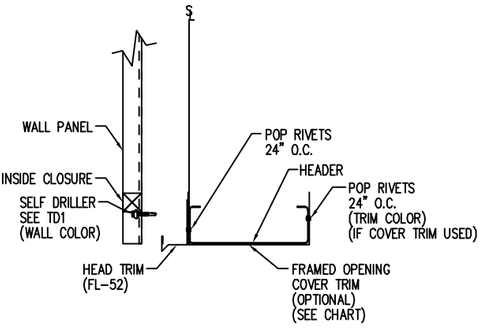


TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301

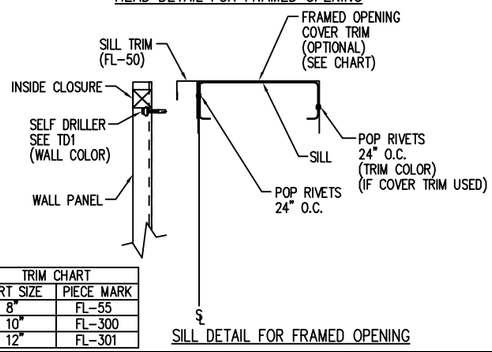
PANEL ENDING OFF MODULE

Framed Opening Jamb Detail – PBR

DRAWING NO. TD51



HEAD DETAIL FOR FRAMED OPENING

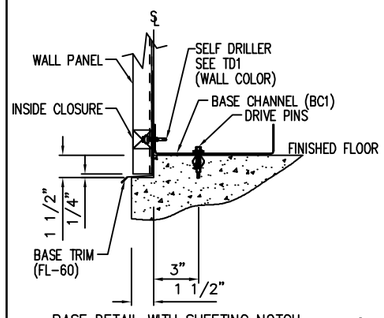


TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301

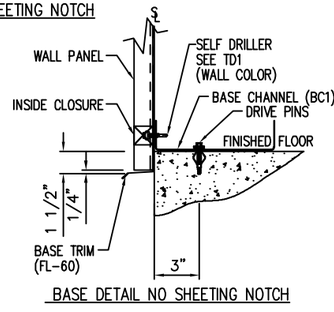
SILL DETAIL FOR FRAMED OPENING

Framed Opening Head and Sill Details – PBR

DRAWING NO. TD52



BASE DETAIL WITH SHEETING NOTCH



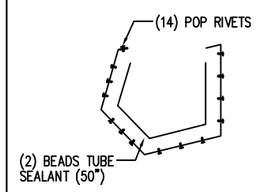
BASE DETAIL NO SHEETING NOTCH

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)

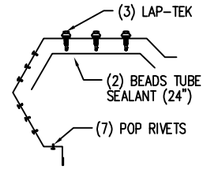
Base Channel w/Trim Details

DRAWING NO. TD75

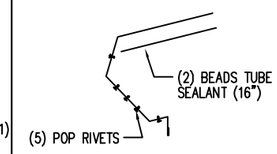
EAVE GUTTER



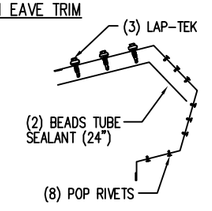
RAKE TRIM



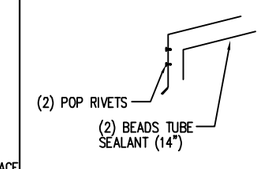
LOW EAVE TRIM



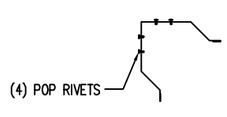
HIGH EAVE TRIM



LOW EAVE TRIM



CORNER TRIM



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

Trim Laps – PBR Sculptured

DRAWING NO. TD85

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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1101 3RD AVE
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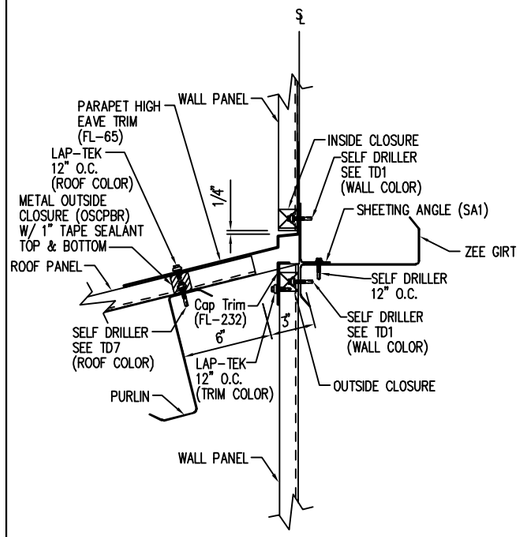
WWW.GREATWESTERNBUILDINGS.COM

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

SHEET NUMBER: 21 OF 22
JOB NUMBER 95162
SHEET TITLE: DETAIL DRAWINGS

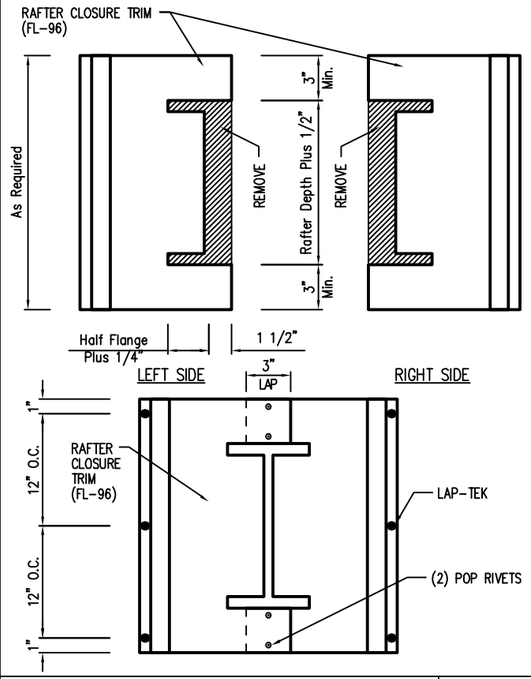


High Eave Parapet Detail – PBR

Sheeted Wall – No Soffit

Created On: 08/07/18

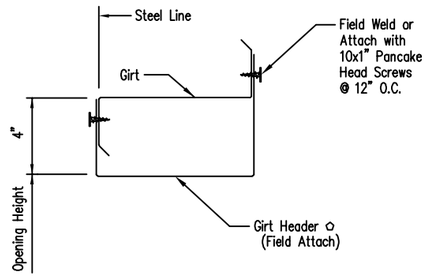
DRAWING NO. TD207



Wall Closure Detail at Rafter

Created On: 08/15/18

DRAWING NO. TD250



○ MEMBER TABLE

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

Framed Opening w/ Girt Header

DRAWING NO. SD104

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	01/17/25	MEZ	MEZ	DAR
PERMIT	08/08/25	SB	AA	DAR
ERECTION	09/16/25	PKD	PKD	DAR

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

SHEET NUMBER: 22 OF 22
JOB NUMBER 95162
SHEET TITLE: DETAIL DRAWINGS