

AGENDA ITEM 8
246 N. D St. New Metal Garage
Additional items requested by the CHDC in May 2024

Kristen Brown

From: Fernley Tire & Brake <fernleytire@gmail.com>
Sent: Wednesday, May 22, 2024 8:48 PM
To: Kristen Brown
Subject: 246 D st
Attachments: 246 N. D Street.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

WARNING - This email originated from outside the State of Nevada. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hello Kristen,

Attached is a picture of our house at 246 D St. I used a bosch laser digital measurement tool to get the most accurate measurement of the house height. I included a picture of the measurement readout in the bottom right corner of the picture. Our house measures 27 Feet and .01". The garage height is 20 Feet and 9 inches. The house is over 6 Feet taller than the garage.

If necessary, we can lower the base of the lot by 2 additional feet. This would put the house at more than 8 Feet taller than the garage. Would only do this if necessary due to the added cost.

We cannot make the building shorter because it needs to accommodate the door height for my box truck to have access.

Making the building any shorter would require a complete redesign and then make it unsuitable for our needs and is cost prohibitive.

The color Grey shown in the picture is what we plan to use on the garage and the roof would be galvalume. This color scheme would neutral and fit in with the overall aesthetics.

Best regards,
Ted Elswick

Kristen Brown

From: Fernley Tire & Brake <fernleytire@gmail.com>
Sent: Wednesday, May 8, 2024 11:28 AM
To: Kristen Brown
Subject: Color display

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Here is what the color would look like if we were to use Gray





~~AGENDA ITEM 9~~

COMSTOCK HISTORIC DISTRICT COMMISSION
P.O. BOX 128
VIRGINIA CITY, NEVADA 89440

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

Pursuant to Nevada Revised Statutes Section 384.110, application is hereby made to the Comstock Historic District Commission for a Certificate of Appropriateness for work I propose to undertake as described below:

Property address/description 246 D Street
Located in the community of Virginia City

Description of proposed work:

New Structure Garage 30' x 30'

Alteration of / Addition to Existing Structure NONE

Move Existing Structure NO

(Reason) _____

Demolish Existing Structure NO

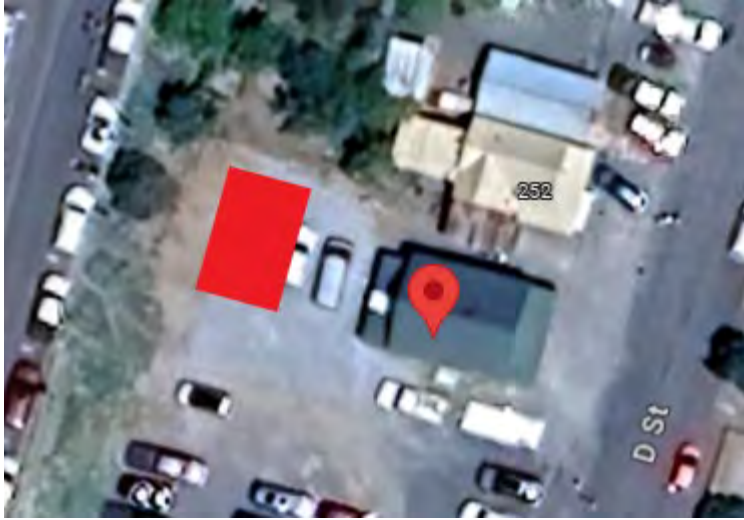
(Reason) _____

By making this application I hereby agree to indemnify and save and hold harmless the State of Nevada and the Counties of Lyon and Storey and their agents and employees from any and all claims, causes of action or liability arising from the granting of this application. I further agree to strictly comply with any and all conditions of the *Certificate of Appropriateness*, if issued, and the regulations and laws of the Comstock Historic District Commission.

Owner or Designated Representative:

Name TED ELSWICK Date 3-29-24
Mailing Address 1361 HORSE CREEK WAY FERNLEY NV 89408
Signature [Handwritten Signature] Telephone 775 835 9785

CHDC Staff:
Received By [Handwritten Signature] Title Comstock Preservation & History Officer Date April 2024



Proposed garage location behind house



View from D Street



View from C Street







From: [Fernley Tire & Brake](#)
To: [Kristen Brown](#)
Subject: Color of Garage
Date: Monday, April 22, 2024 8:18:20 PM

WARNING - This email originated from outside the State of Nevada. Exercise caution when opening attachments or clicking links, especially from unknown senders.

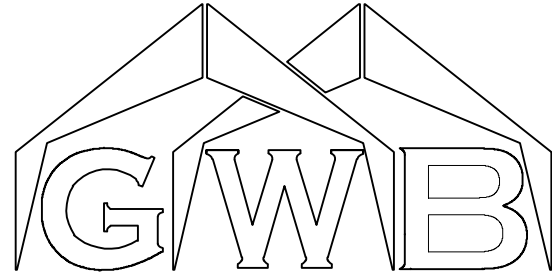
Hello

The new building for our property at 246 N. D Street Virginia City, NV will be the color of galvalume. This color galvalume will be the color of roofing, sides, and will paint roll-up doors silver.

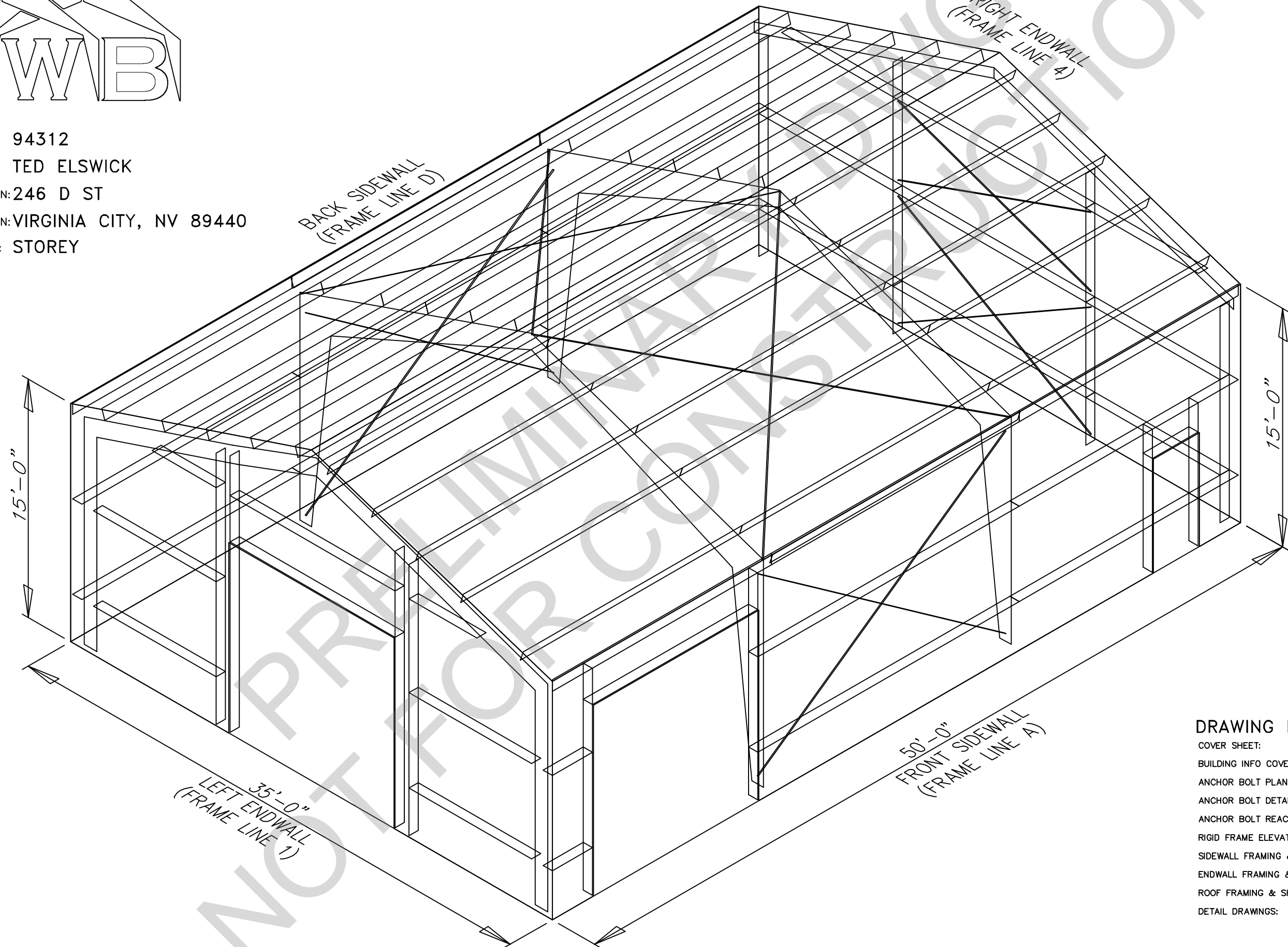
I appreciate your assistance and consideration

Best regards,

Ted Elswick



JOB NUMBER: 94312
PROJECT NAME: TED ELSWICK
PROJECT LOCATION: 246 D ST
PROJECT LOCATION: VIRGINIA CITY, NV 89440
PROJECT COUNTY: STOREY



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02/05/2024

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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 |
|------------------|---------------------|
| A572 | Fy = 50 KSI |
| A36 | Fy = 36 KSI |
| A500 | Fy = 42 KSI |
| A500 | Fy = 42 KSI |
| A572/A1011 | Fy = 50 KSI |
| A529/A572 | Fy = 55 KSI |
| A653/A1011 | Fy = 55 KSI |
| A792/A653 | Fy = 50, 80 KSI |
| A475 - TYPE 1 | EXTRA HIGH STRENGTH |
| A36 | Fy = 36 KSI |
-
- | MIN. TENSILE STRENGTH |
|-----------------------|
| Fu = 60 KSI |
| Fu = 120 KSI |
| Fu = 105 KSI |
| 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"φ x 0'-1 1/4" A307 EXCEPT:**
A) ENDWALL RAFTER SPICE - 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 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 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 AB.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 18 / IBC 18
 OCCUPANCY / RISK CATEGORY : II - Normal
 ENCLOSURE : Enclosed
 ROOF DEAD LOAD (D) (PSF) : 10.0
 ROOF COLLATERAL LOAD (C) (PSF) : 1.00
WIND LOAD
 ULTIMATE WIND SPEED, (VULT) (MPH) : 115.0
 WIND EXPOSURE CATEGORY : C
 INTERNAL PRESSURE COEFFICIENT, (GCpi) : 0.18/-0.18
 WALL PANEL DESIGN WIND PRESSURE (PSF) : 23.90/-25.93
 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) : 70.00
 ROOF SNOW LOAD, (Pf) (PSF) : 70.0
 SNOW EXPOSURE FACTOR, (Ce) : 1.00
 SNOW IMPORTANCE FACTOR, (Is) : 1.00
 THERMAL FACTOR, (Ct) : 1.00
SEISMIC LOAD
 SEISMIC IMPORTANCE FACTOR, (Ie) : 1.00
 SITE CLASSIFICATION : d
 SPECTRAL RESPONSE ACCELERATION : Ss = 1.586 :S1 = 0.553
 SPECTRAL RESPONSE COEFFICIENTS : Sds = 1.269 :Sd1 = 0.644
 SEISMIC DESIGN CATEGORY : D
 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 = 19.53
 : TRANSVERSE = 19.67
 RESPONSE MODIFICATION FACTORS, (R) : RIGID FRAMES = 3.25 **Rd** = 3.00
 : SW X-BRACING = 3.25 **Rd** = 2.00
 SEISMIC RESPONSE COEFFICIENTS, (Cs) : RIGID FRAMES = 0.3906
 : SW X-BRACING = 0.3906
 ANALYSIS PROCEDURE USED : EQUIVALENT LATERAL FORCE PROCEDURE
 OTHER LOADS/REQUIREMENTS

BUILDING DESCRIPTION:

- WIDTH (FT) : 35.0
 LENGTH (FT) : 50.0
 EAVE HEIGHT AT BSW (FT) : 15.0
 EAVE HEIGHT AT FSW (FT) : 15.0
 ROOF SLOPE AT BSW : 4.0:12
 ROOF SLOPE AT FSW : 4.0:12
 BAY SPACING (FT) : 1 AT 16, 1 AT 18, 1 AT 16

COVERING AND TRIMS:

- ROOF PANELS & TRIMS**
 PANEL TYPE : 26 GA. PBR
 PANEL COLOR : GALVALUME
 TRIM COLORS
 GABLE/EAVE : ASH GRAY
 EAVE GUTTER : ASH GRAY
- WALL PANELS & TRIMS**
 PANEL TYPE : 26 GA. PBR
 PANEL COLOR : HAWAIIAN BLUE
 TRIM COLORS
 CORNER : ASH GRAY
 FRAMED OPENING : ASH GRAY
 DOWNSPOUTS : HAWAIIAN BLUE
 BASE : HAWAIIAN BLUE
- INSULATION**
 ROOF INSULATION : N/A
 WALL INSULATION : N/A

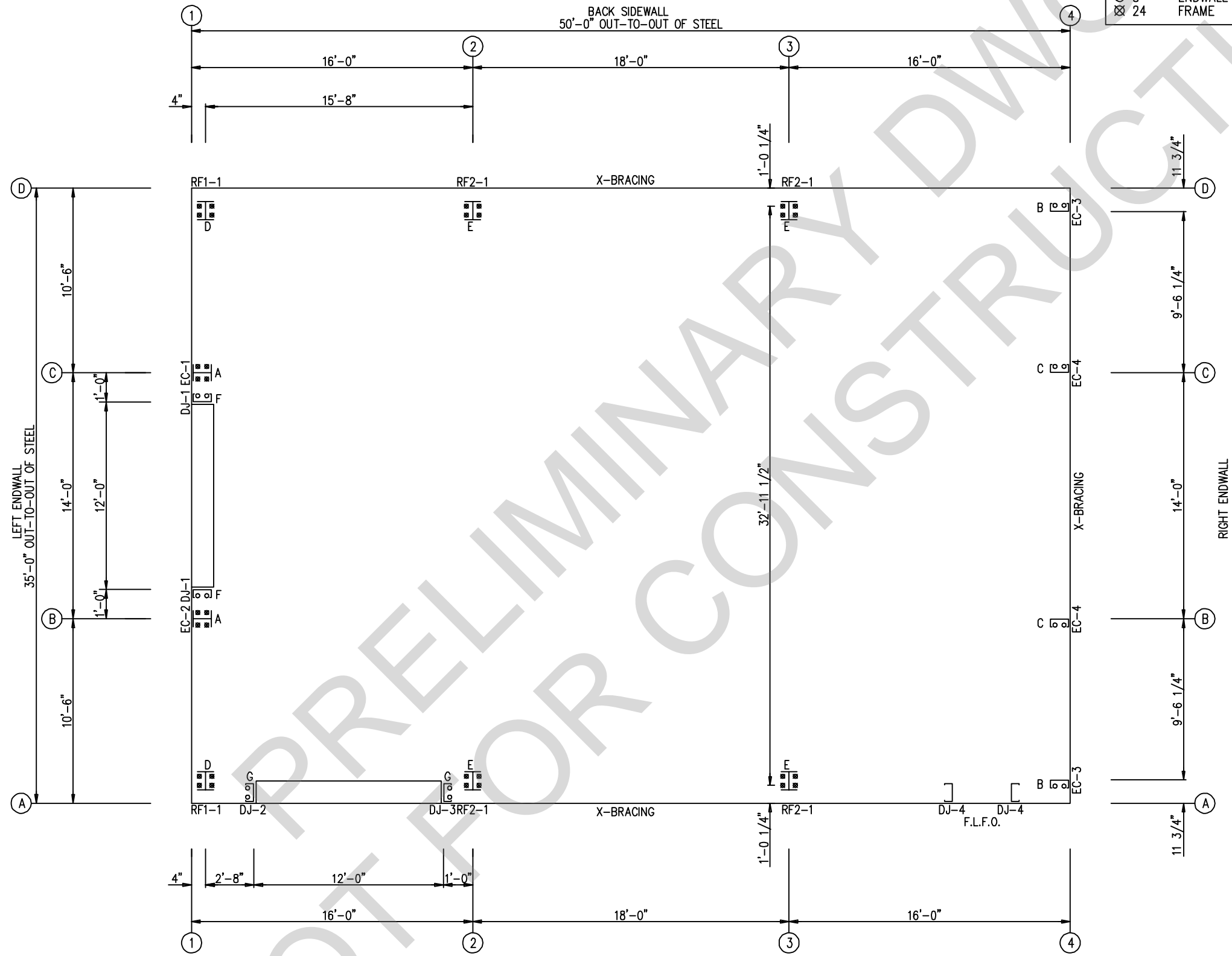
ENG.	CHK.	DWG.	DATE	ISSUE
RTS	MEZ	MEZ	09/28/24	APPROVAL
RTS	CAF	CAF	10/01/24	PERMIT



CUSTOMER NAME: TED ELSWICK	PROJECT NAME: TED ELSWICK	PROJECT LOCATION: 246 D. ST. VIRGINIA CITY, NV, 89440	PROJECT COUNTY: STOREY	PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 775.835.9785	CUSTOMER EMAIL: FERLETTIRE@GMAIL.COM	SCALE: N.T.S.	SHEET NUMBER: 2 OF 18	JOB NUMBER: 94312	SHEET TITLE: BUILDING INFO COVERSHEET
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02/05/2024

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
8	JAMB	5/8"	A307
8	ENDWALL	3/4"	A307
8	ENDWALL	5/8"	A307
24	FRAME	3/4"	A307

DATE	DWN.	CHK.	ENG.
10/26/22			
10/26/22			



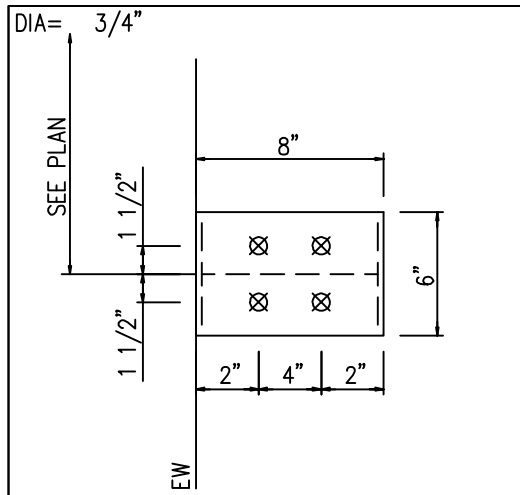
3033 S. PARKER RD 12 FLOOR
 AURORA, CO 80014
 PHONE: (800)-497-2135
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	TED ELSWICK
PROJECT NAME:	TED ELSWICK
PROJECT LOCATION:	246 D. ST. VIRGINIA CITY, NV. 89440
PROJECT COUNTY:	STOREY
PROJECT END USE:	COMMERCIAL
CUSTOMER PHONE NUMBER:	775.835.9785
CUSTOMER EMAIL:	FERNLEYTIRE@GMAIL.COM
SCALE:	N.T.S.
SHEET NUMBER:	3 OF 18
JOB NUMBER:	94312
SHEET TITLE:	ANCHOR BOLT PLAN

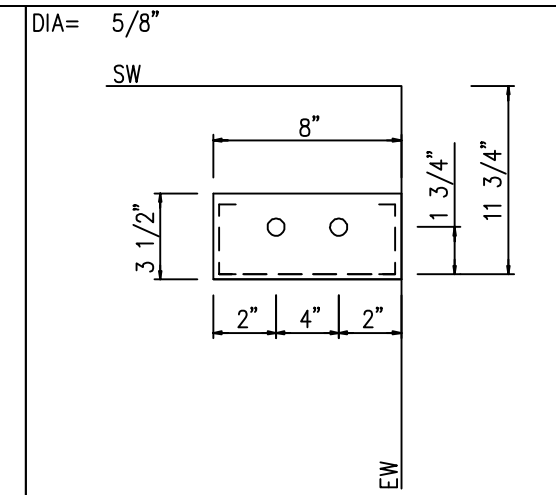
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ANCHOR BOLT PLAN
 NOTE: ALL BASE PLATES @ 100'-0" (U.N.)

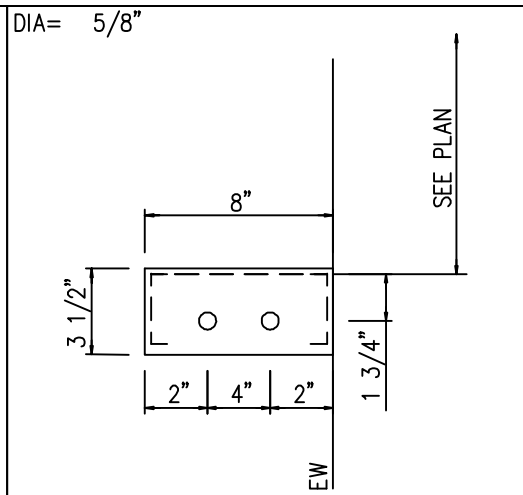
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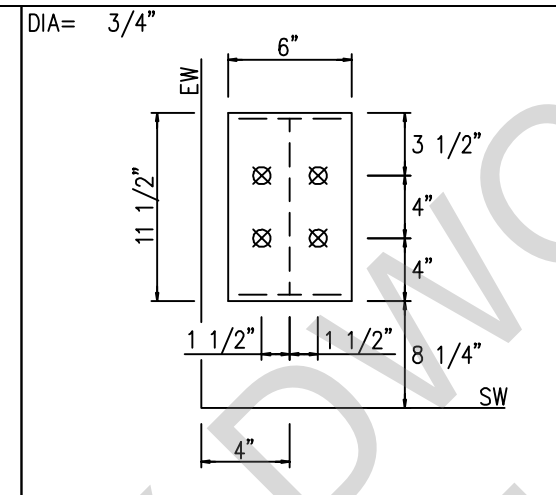
DETAIL A



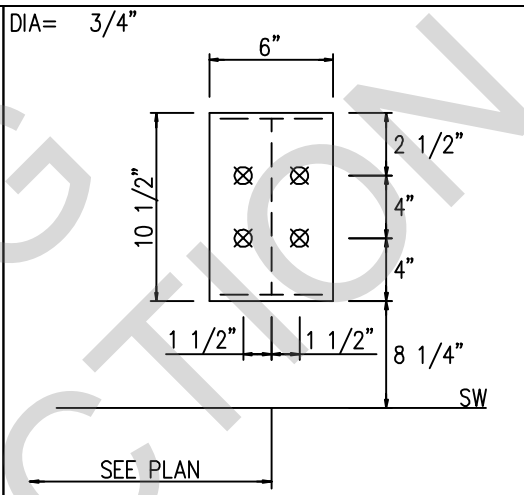
DETAIL B



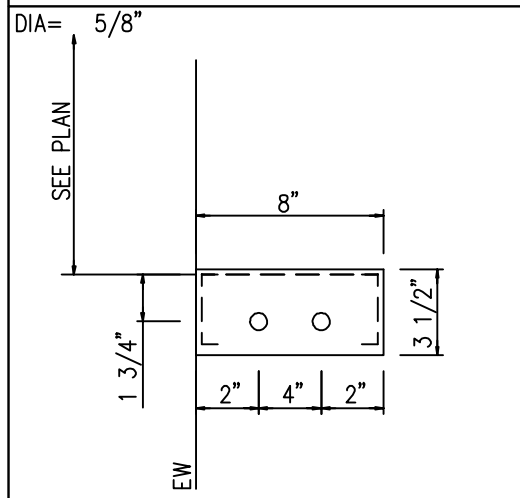
DETAIL C



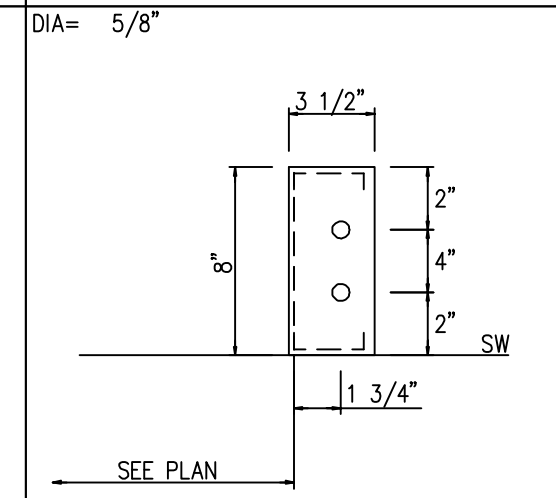
DETAIL D



DETAIL E



DETAIL F

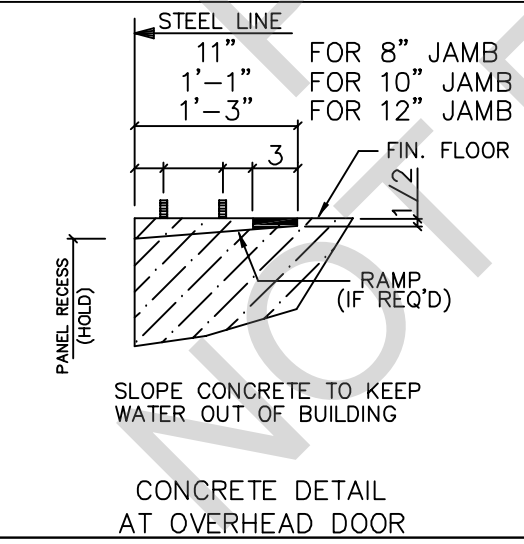


DETAIL G

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

ANCHOR BOLT DIAMETERS HAVE BEEN DESIGNED BY THE METAL BUILDING ENGINEER BASED ON AISC METHOD WITH COMBINED SHEAR AND TENSION.
DEVELOPMENT, EMBEDMENT AND HOOK LENGTH OF ANCHOR BOLTS IN THE CONCRETE ARE DESIGN RESPONSIBILITY OF OTHERS. ALSO DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DESIGNED AND PROVIDED BY OTHERS.
NOTE: ANCHOR BOLT PROJECTION IS FROM BOTTOM OF BASE PLATE.

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

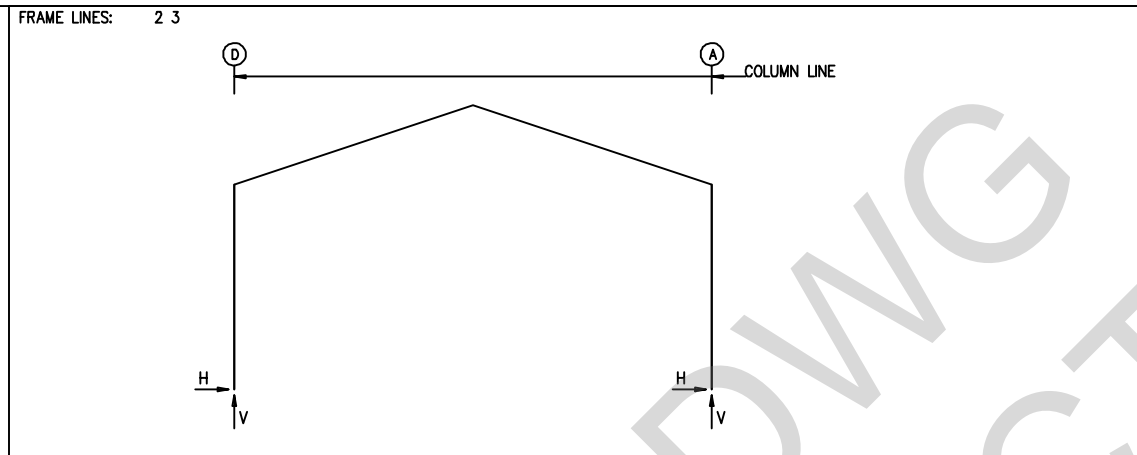
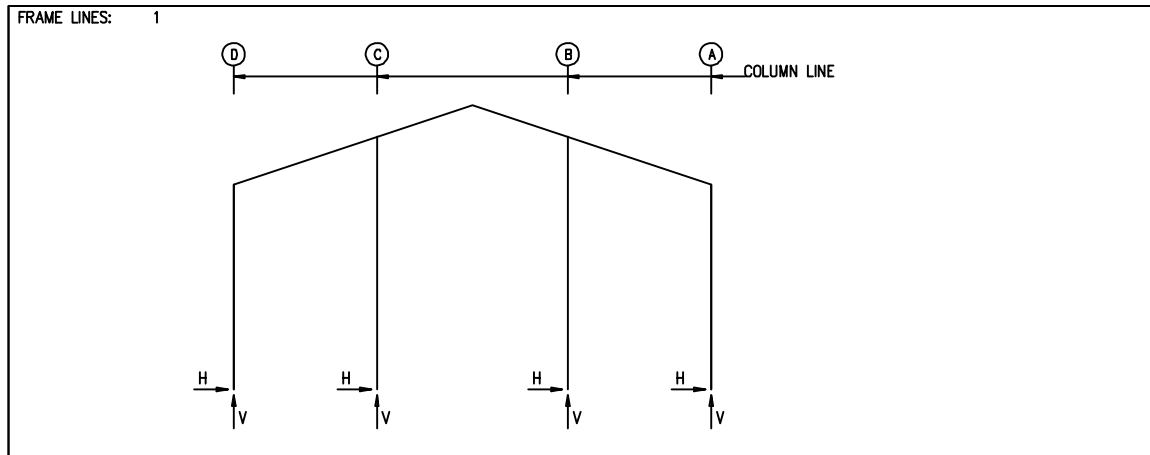


ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/26/22	MEZ	MEZ	RTS
PERMIT	10/26/22	CAF	CAF	RTS

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CUSTOMER NAME:	TED ELSWICK
PROJECT NAME:	TED ELSWICK
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PROJECT COUNTY:	STOREY
PROJECT END USE:	COMMERCIAL
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CUSTOMER EMAIL:	FERNLEYTIRE@GMAIL.COM
SCALE:	N.T.S.
SHEET NUMBER:	4 OF 18
JOB NUMBER:	94312
SHEET TITLE:	ANCHOR BOLT DETAILS

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RIGID FRAME: BASIC COLUMN REACTIONS (k)

FRAME Line	Column Line	Dead	Collateral	Live	Snow	Wind_Left1	Wind_Right1
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1	D	0.0	0.7	0.0	0.0	0.0	0.7
1	A	0.0	0.7	0.0	0.0	-1.1	-2.0
1	C	0.0	1.5	0.0	0.1	-1.3	0.3
1	B	0.0	1.5	0.0	0.1	0.0	-2.5

FRAME Line	Column Line	Wind_Left2	Wind_Right2	Wind_Press	Wind_Suct	Wind_Long1	Wind_Long2
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1	D	-1.4	-1.3	0.0	0.0	0.7	-1.0
1	A	-0.9	1.0	0.0	0.0	-0.4	-1.4
1	C	0.0	0.1	-2.0	0.0	0.0	-1.5
1	B	0.0	-2.2	0.0	0.1	0.0	-0.2

FRAME Line	Column Line	Seismic_Left	Seismic_Right	Seismic_Long	F1UNB_SL_L	F1UNB_SL_R
Line	Line	Horz	Vert	Horz	Vert	Horz
1	D	-2.2	-4.1	0.0	0.0	0.1
1	A	-2.2	4.1	0.0	0.0	-0.1
1	C	0.0	5.1	0.0	0.0	8.6
1	B	0.0	-5.1	0.0	0.0	3.4

FRAME Line	Column Line	Dead	Collateral	Live	Snow	Wind_Left1	Wind_Right1
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
2*	D	1.2	3.7	2.1	6.0	7.3	20.8
2*	A	-1.2	-3.7	-2.1	5.9	-7.3	20.8

FRAME Line	Column Line	Wind_Left2	Wind_Right2	Wind_Long1	Wind_Long2	Seismic_Left	Seismic_Right
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
2*	D	-3.9	-3.7	0.7	-6.3	-4.2	-3.5
2*	A	-1.0	-1.0	-0.1	-6.0	-4.2	3.5

FRAME Line	Column Line	Seismic_Long	F2UNB_SL_L	F2UNB_SL_R
Line	Line	Horz	Vert	Horz
2*	D	0.0	-9.4	5.8
2*	A	0.0	-9.4	-5.8

2* FRAME lines: 2 3

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

Frm Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin	Bolt QTY	DIA	Base_Plate Width	Base_Plate Length	Thick	Grout (in)
1	D	3	1.6	3.7	4	-1.5	-2.6	4	0.750	6.000	11.50	0.375	0.0
1	A	5	1.5	-2.6	2	-1.6	3.7	4	0.750	6.000	11.50	0.375	0.0
1	C	7	1.3	-0.6	8	-1.2	-0.4	4	0.750	6.000	8.000	0.375	0.0
1	B	10	1.3	-0.6	11	-1.2	-0.4	4	0.750	6.000	8.000	0.375	0.0

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

Frm Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin	Bolt QTY	DIA	Base_Plate Width	Base_Plate Length	Thick	Grout (in)
2*	D	1	8.6	24.8	4	-2.4	-0.9	4	0.750	6.000	10.50	0.375	0.0
2*	A	5	2.4	-0.9	1	-8.6	24.8	4	0.750	6.000	10.50	0.375	0.0

2* FRAME lines: 2 3

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Collat	Live	Snow	Wind_Left1	Wind_Right1	Wind_Left2	Wind_Right2	Wind Press
Line	Line	Vert	Vert	Vert	Vert	Horz	Vert	Horz	Vert	Horz
4	A	0.4	0.0	0.6	2.2	0.0	-0.6	0.0	-0.9	-0.7
4	B	1.3	0.1	2.2	7.8	-1.4	-4.2	0.0	0.2	-1.9
4	C	1.3	0.1	2.2	7.8	0.0	0.2	1.4	-4.2	-1.9
4	D	0.4	0.0	0.6	2.2	0.0	-0.9	0.0	-0.6	-0.7

Frm Line	Col Line	Wind Suct	Wind_Long1	Wind_Long2	Seis_Left	Seis_Right	Seis Long	E2UNB_SL_L
Line	Line	Horz	Horz	Vert	Horz	Vert	Horz	Vert
4	A	0.8	0.0	-1.2	0.0	-0.8	0.0	0.0
4	B	2.1	0.0	-1.4	-0.5	-1.7	-4.4	-5.7
4	C	2.1	0.5	-1.7	0.0	-1.4	0.0	5.4
4	D	0.8	0.0	-0.8	0.0	-1.2	0.0	0.4

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

Frm Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin	Bolt QTY	DIA	Base_Plate Width	Base_Plate Length	Thick	Grout (in)
4	A	14	0.5	-0.5	8	-0.4	-0.5	2	0.625	3.500	8.000	0.250	0.0
4	B	7	1.3	-1.7	11	-1.2	-0.2	2	0.625	3.500	8.000	0.250	0.0
4	C	10	1.3	-1.7	8	-1.2	-0.2	2	0.625	3.500	8.000	0.250	0.0
4	D	17	0.5	-0.5	11	-0.4	-0.5	2	0.625	3.500	8.000	0.250	0.0

NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 35.0
- Length (ft) = 50.0
- Eave Height (ft) = 15.0/15.0
- Roof Slope (rise/12) = 4.0:12/4.0:12
- Dead Load (psf) = 10.0
- Collateral Load (psf) = 1.00
- Live Load (psf) = 20.00
- Snow Load (psf) = 70.00
- Wind Speed (mph) = 115.00
- Wind Code = IBC-18
- Exposure = C
- Closed/Open = Enclosed
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = D
- Seismic Coeff (Fa*Sa) = 1.90

ID	Description
1	Dead+Collateral+Snow+Slide_Snow
2	1.18Dead+1.18Collateral+0.7Seismic_Left
3	1.18Dead+1.18Collateral+0.7Seismic_Right
4	0.42Dead+0.7Seismic_Left
5	0.42Dead+0.7Seismic_Right
6	0.42Dead+0.7Seismic_LongL
7	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
8	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
9	Dead+Collateral
10	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
11	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
12	Dead+Collateral+E1UNB_SL_L
13	Dead+Collateral+E1UNB_SL_R
14	0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
15	Dead+Collateral+E2UNB_SL_L
16	Dead+Collateral+E2UNB_SL_R
17	0.6Dead+0.6Wind_Suction+0.6Wind_Long2L

ANCHOR BOLT SUMMARY

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

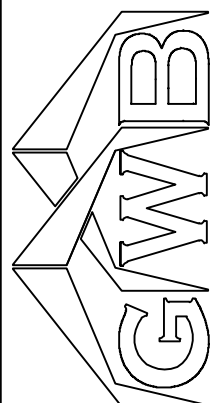
BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)	Panel_Shear (lb/ft)	Note				
Line	Line	Horz	Vert	Horz	Vert	Wind	Seis	
L_EW	1							(h)
F_SW	A	2.3	2.5	1.9	12.7	9.4		
R_EW	4	B,C	1.4	1.7	4.4	5.3		
B_SW	D	3.2	2.5	1.9	12.7	9.4		

(h) Rigid frame at endwall

Reactions for seismic represent shear force, Eh

ISSUE	APPROVAL	PERMIT	DATE	DWN.	CHK.	ENG.
			MM/DD/YY	MEZ	MEZ	RTS



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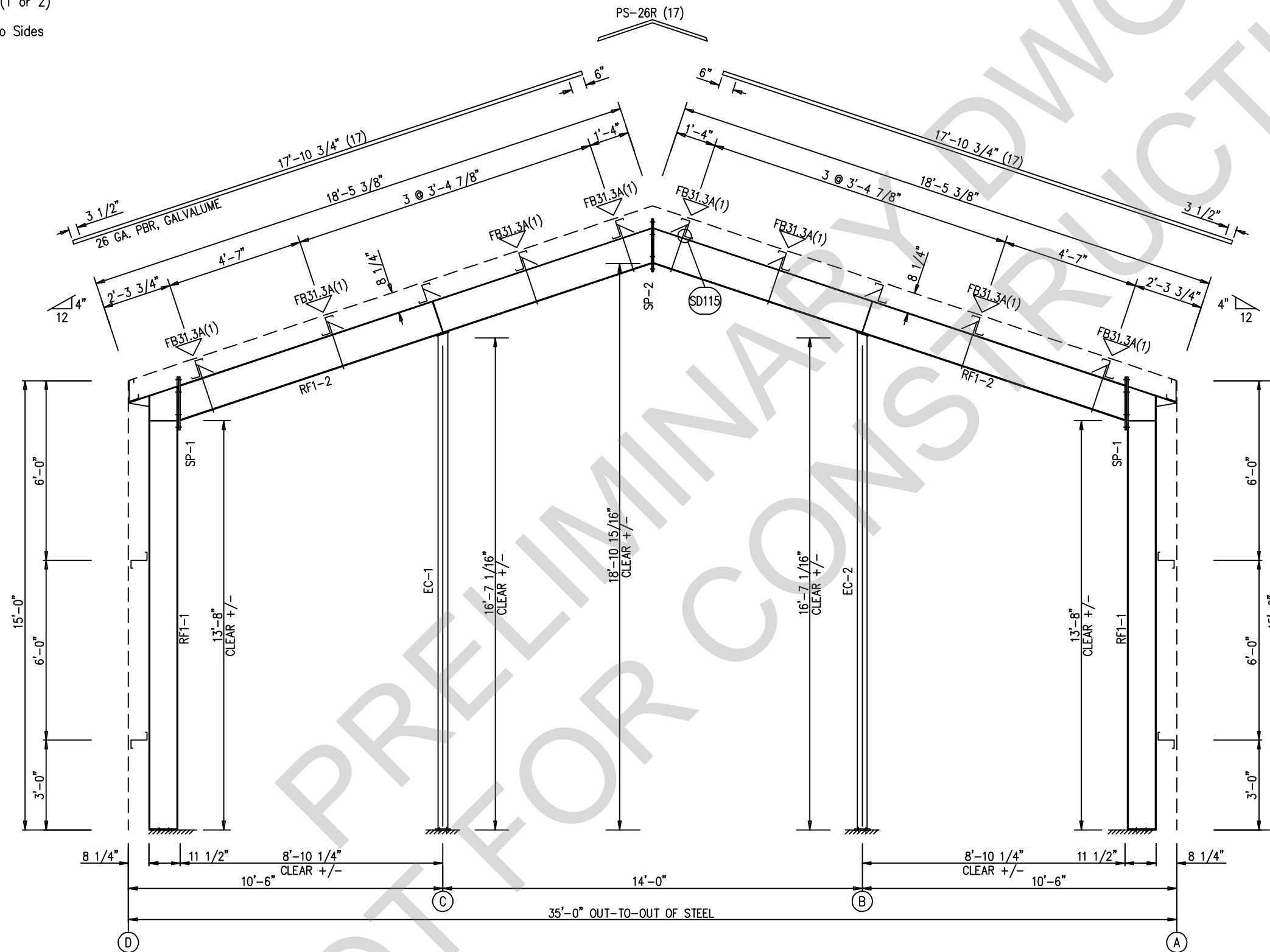
CUSTOMER NAME:	TED ELSWICK
PROJECT NAME:	TED ELSWICK
PROJECT LOCATION:	246 D. ST. VIRGINIA CITY, NV, 89440
PROJECT COUNTY:	STOREY
PROJECT END USE:	COMMERCIAL
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SCALE:	N.T.S.
SHEET NUMBER:	5 OF 18
JOB NUMBER:	94312
SHEET TITLE:	ANCHOR BOLT REACTIONS

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

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start	End	Thick	Length	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF1-1	11.0	11.0	0.135	14'-9 3/16"	6 x 1/4" x 14'-5 7/16"	6 x 1/4" x 13'-3 7/8"		
RF1-2	13.0	13.0	0.135	16'-11 7/16"	6 x 1/4" x 1'-8 1/2"	5 x 1/4" x 16'-7"		
EC-1					W8X10			
EC-2					W8X10			

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



RIGID FRAME ELEVATION: FRAME LINE 1

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/26/22	MEZ	MEZ	RTS
PERMIT	10/26/22	CAF	CAF	RTS

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SHEET TITLE:	RIGID FRAME ELEVATION

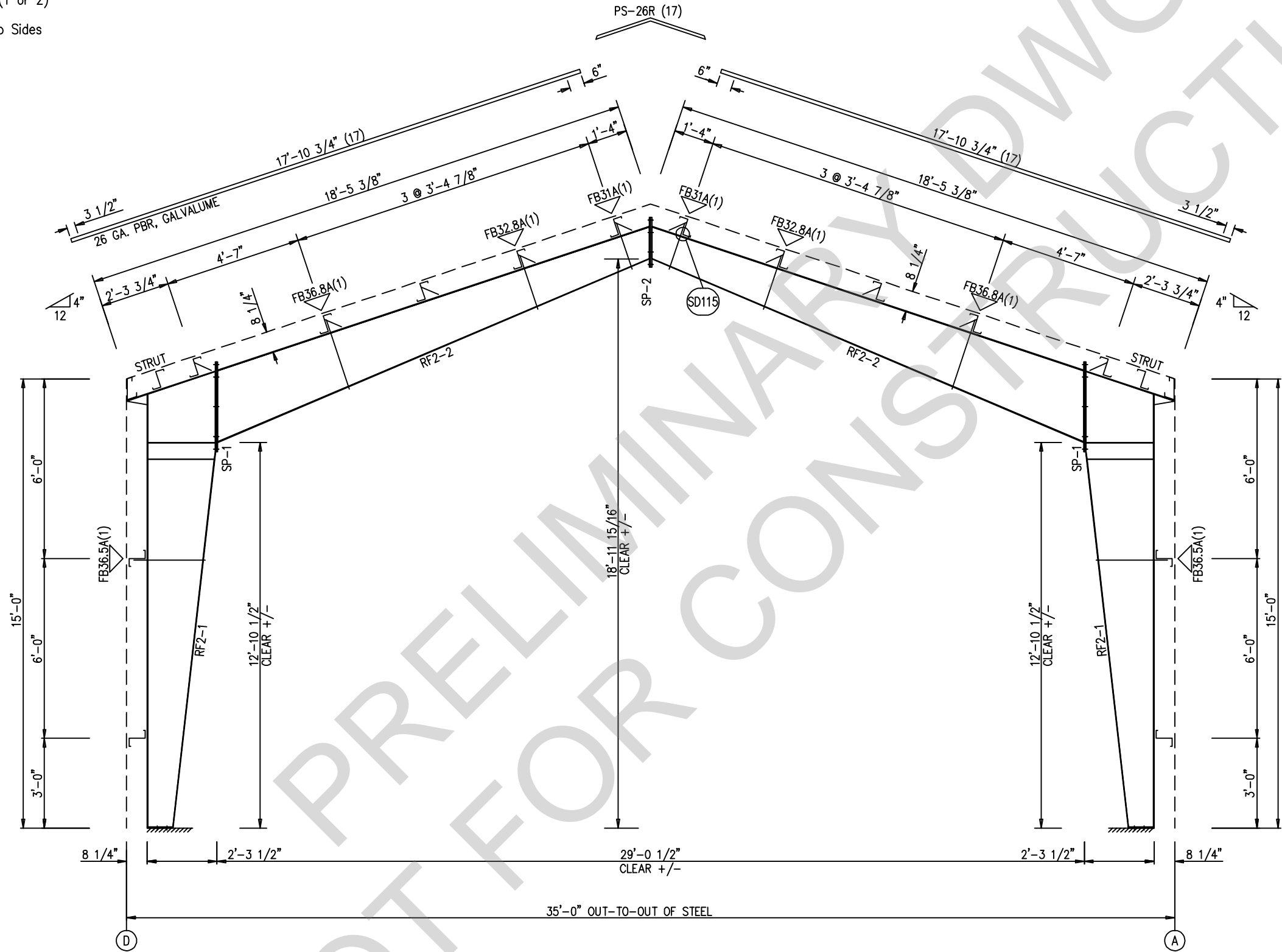
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SPLICE BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	2	A325	5/8"	2"
SP-2	4	4	0	A325	5/8"	2"

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Length	Length	W x Thk x Length	W x Thk x Length
RF2-1	10.0/26.7	0.135	12'-3 7/16"		5 x 1/4" x 14'-5 7/16"	5 x 1/4" x 12'-7 5/16"
	26.7/27.0	0.164	2'-11 1/16"		5 x 1/4" x 3'-1 5/16"	
RF2-2	27.0/12.0	0.135	15'-11 3/8"		5 x 1/4" x 15'-2 1/4"	5 x 1/4" x 15'-7 7/8"

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



RIGID FRAME ELEVATION: FRAME LINES 2 3

ISSUE	DATE	DWN.	CHK.	ENG.	APPROVAL		PERMIT	
					MEZ	RTS	CAF	RTS

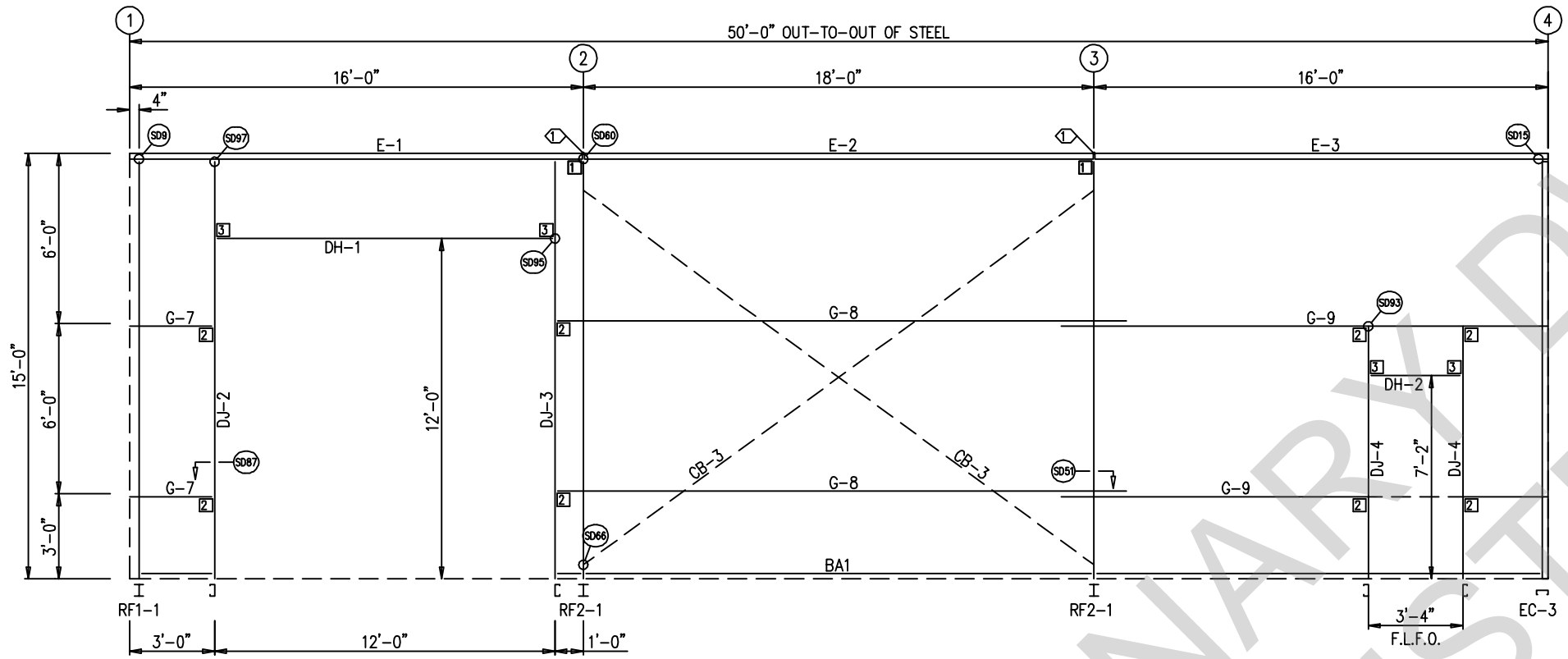


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SIDEWALL FRAMING: FRAME LINE A
NOTE: F.L.F.O = Field Located Frame Opening

(GUTTER WITH 4 DOWNSPOUTS)

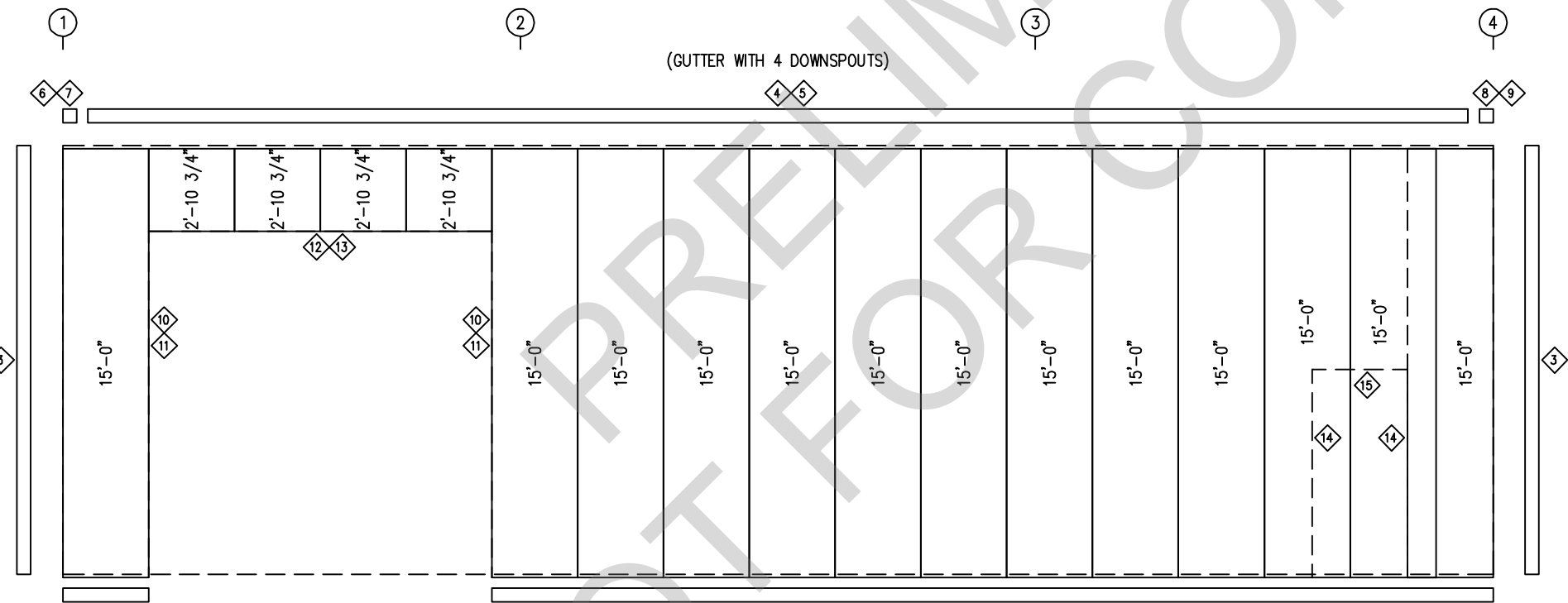
TRIM TABLE FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
2	4	FL-60	10'-2"	TD74
3	2	FL-10	15'-0"	TD40
4	3	FL-32	10'-2"	TD15
5	5	FL-31	10'-2"	TD15
6	1	FL-32L	11'-2"	TD13
7	1	FL-33L	8"	TD85
8	1	FL-32R	11'-2"	TD13
9	1	FL-33R	8"	TD85
10	2	FL-55	12'-2"	TD51
11	2	FL-48	12'-2"	TD51
12	1	FL-55	12'-7"	TD52
13	1	FL-52	12'-4"	TD52
14	2	FL-48	7'-4"	TD51
15	1	FL-52	3'-8"	TD52

MEMBER TABLE FRAME LINE A			
QUAN	MARK	PART	LENGTH
1	DJ-2	8x25C16	14'-6"
1	DJ-3	8x25C16	14'-6"
2	DJ-4	8x25C16	8'-8"
1	DH-1	8x25C16	11'-11 1/2"
1	DH-2	8x25C16	3'-3 1/2"
1	E-1	L08E16-4	15'-11 1/2"
1	E-2	L08E16-4	17'-11 1/2"
1	E-3	L08E16-4	15'-11 1/2"
2	G-7	8X25Z16	2'-7 11/16"
2	G-8	8X25Z16	19'-9 11/16"
2	G-9	8X25Z16	17'-1 1/2"
2	CB-3	RD1250	23'-3"

SPECIAL BOLTS					
ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0

CONNECTION PLATES FRAME LINE A		
ID	QUAN	MARK
1	2	CL-18A
2	8	CL-103
3	4	CL-100

GIRT LAPS



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 GA. PBR - HAWAIIAN BLUE

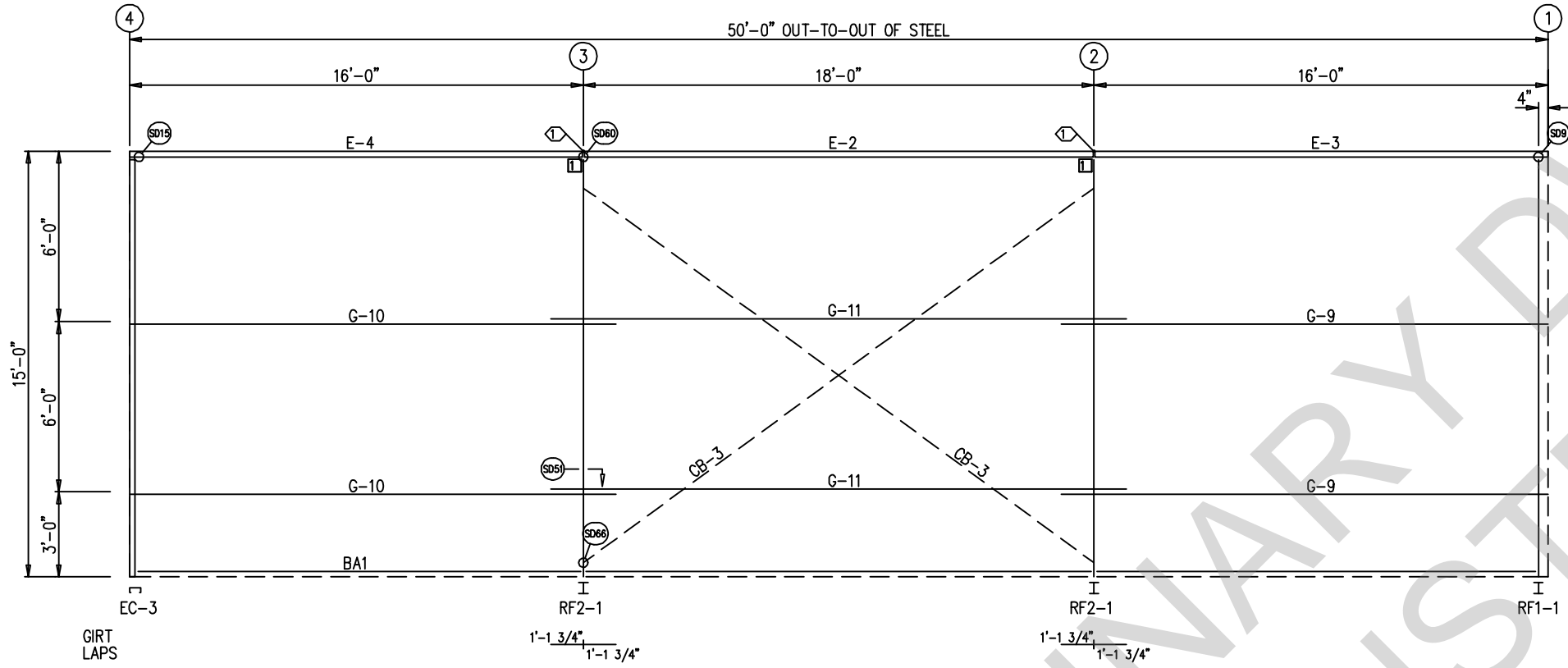
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/21/21	MEZ	MEZ	RTS
PERMIT	10/21/21	CAF	CAF	RTS

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CUSTOMER PHONE NUMBER:	775.835.9785
CUSTOMER EMAIL:	FERNLEYTIRE@GMAIL.COM
SCALE:	N.T.S.
SHEET NUMBER:	8 OF 18
JOB NUMBER:	94312
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

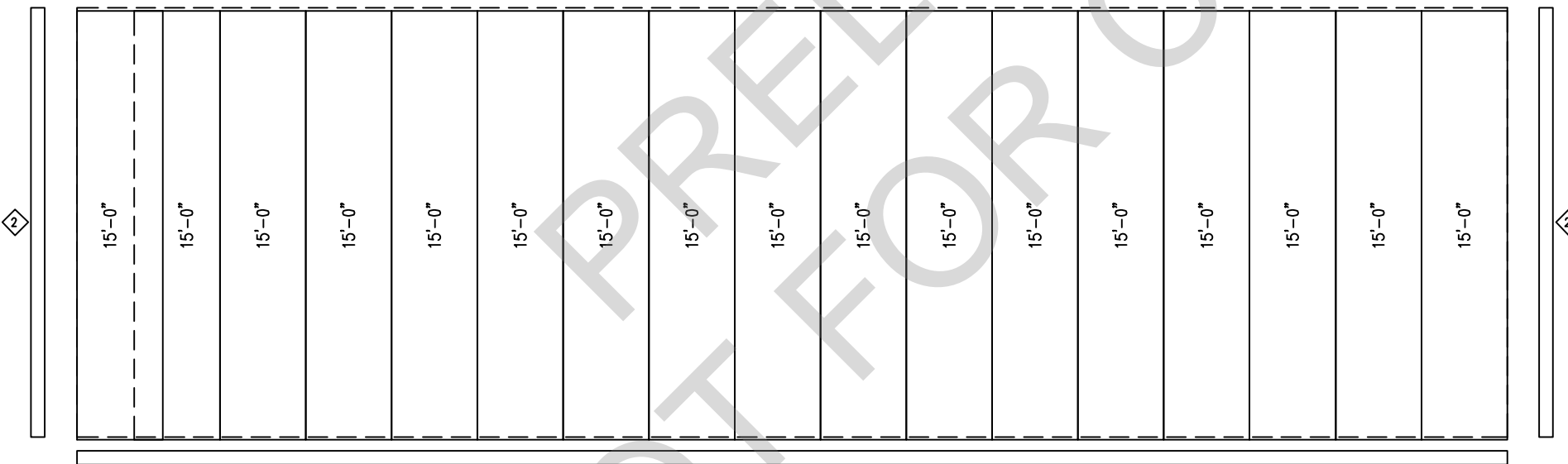
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SIDEWALL FRAMING: FRAME LINE D

(GUTTER WITH 4 DOWNSPOUTS)



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 GA. PBR - HAWAIIAN BLUE

TRIM TABLE FRAME LINE D				
ID	QUAN	PART	LENGTH	DETAIL
1	5	FL-60	10'-2"	TD74
2	2	FL-10	15'-0"	TD40
3	3	FL-32	10'-2"	TD15
4	5	FL-31	10'-2"	TD15
5	1	FL-32L	11'-2"	TD13
6	1	FL-33L	8"	TD85
7	1	FL-32R	11'-2"	TD13
8	1	FL-33R	8"	TD85

MEMBER TABLE FRAME LINE D			
QUAN	MARK	PART	LENGTH
1	E-2	L08E16-4	17'-11 1/2"
1	E-3	L08E16-4	15'-11 1/2"
1	E-4	L08E16-4	15'-11 1/2"
2	G-9	8X25Z16	17'-1 1/2"
2	G-10	8X25Z16	17'-1 1/2"
2	G-11	8X25Z16	20'-3 1/2"
2	CB-3	RD1250	23'-3"

SPECIAL BOLTS					
ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0

CONNECTION PLATES FRAME LINE D		
ID	QUAN	MARK
1	2	CL-18A

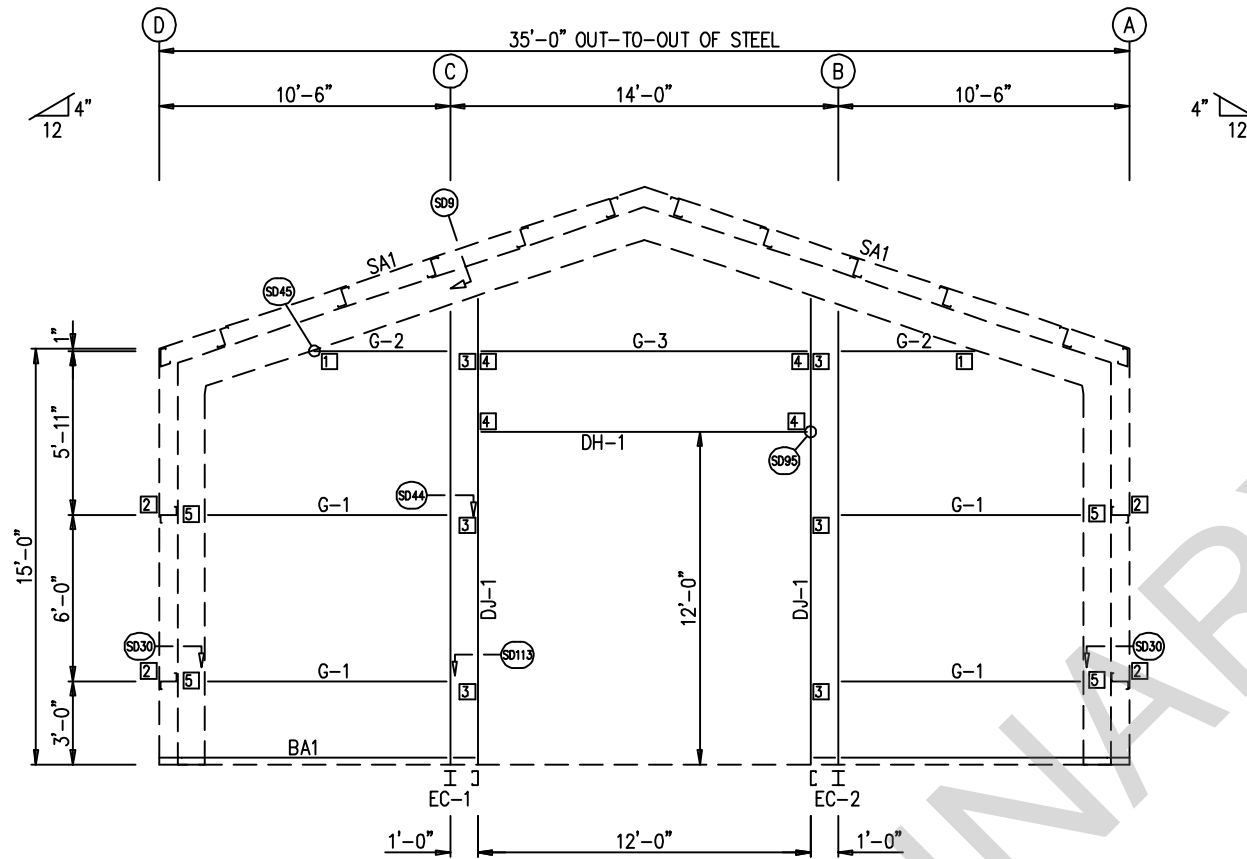
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	10/21/21	MEZ	MEZ	RTS
PERMIT	10/21/21	CAF	CAF	RTS

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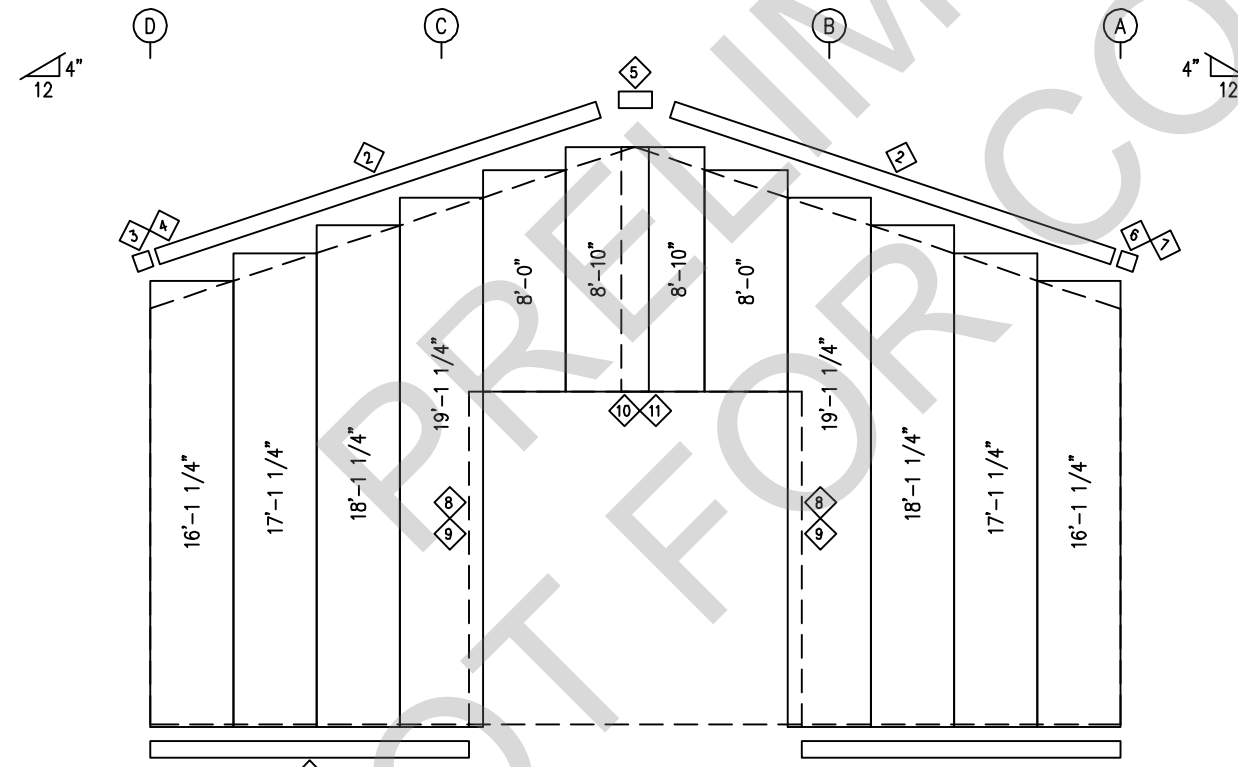
CUSTOMER NAME:	TED ELSWICK
PROJECT NAME:	TED ELSWICK
PROJECT LOCATION:	246 D. ST. VIRGINIA CITY, NV. 89440
PROJECT COUNTY:	STOREY
PROJECT END USE:	COMMERCIAL
CUSTOMER PHONE NUMBER:	775.835.9785
CUSTOMER EMAIL:	FERNLEYTIRE@GMAIL.COM
SCALE:	N.T.S.
SHEET NUMBER:	9 OF 18
JOB NUMBER:	94312
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

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02/05/2024

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ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 GA. PBR - HAWAIIAN BLUE

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

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

MEMBER TABLE FRAME LINE 1			
QUAN	MARK	PART	LENGTH
1	EC-1	W8X10	16'-7 3/4"
1	EC-2	W8X10	16'-7 3/4"
2	DJ-1	8X25C16	16'-10 5/16"
1	DH-1	8X25C16	11'-11 1/2"
4	G-1	8X25Z16	8'-5 15/16"
2	G-2	8X25Z16	4'-4 7/8"
1	G-3	8X25Z16	11'-11 1/2"

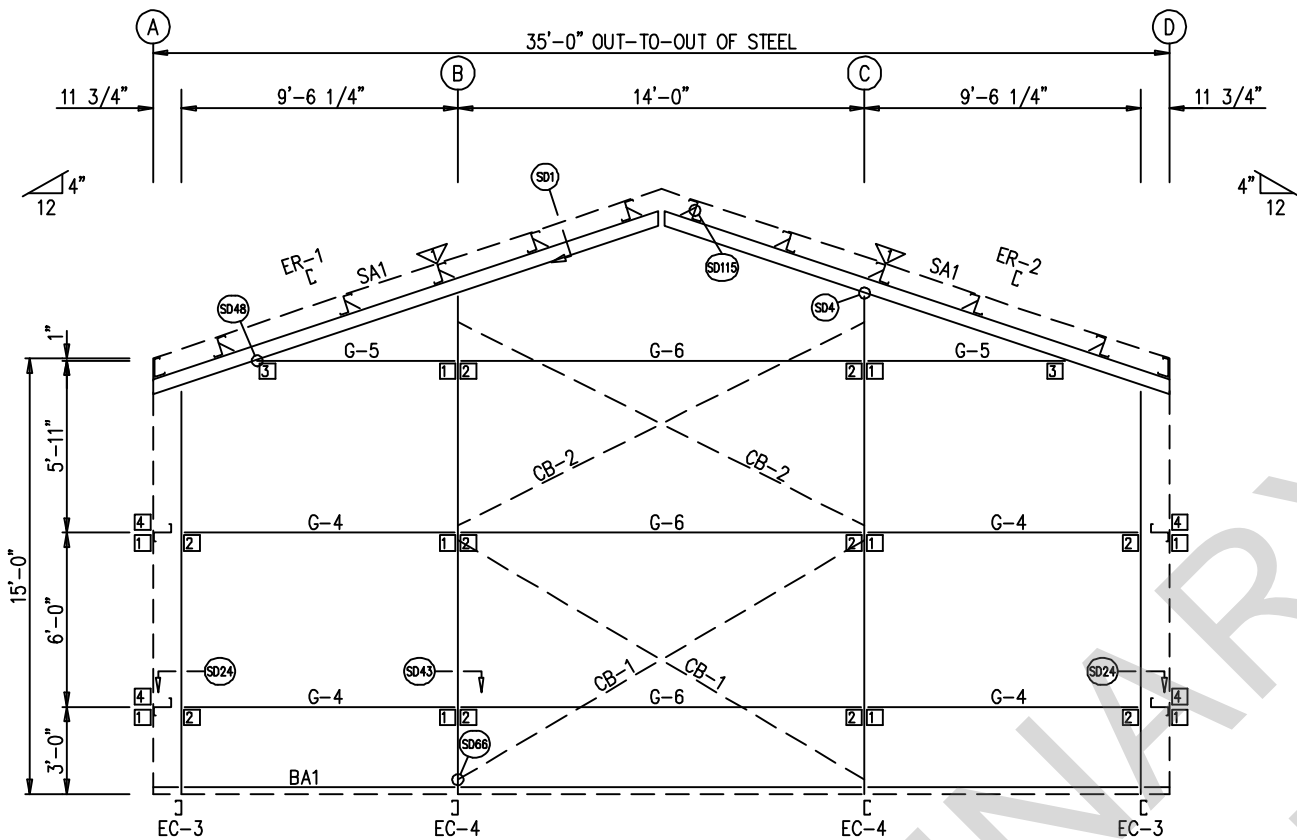
CONNECTION PLATES FRAME LINE 1		
ID	QUAN	MARK
1	2	CL-109
2	4	CL-5
3	6	GW-500
4	4	CL-100
5	4	4" Zee -

ISSUE	DATE	BY	CHK.	ENG.
APPROVAL	10/26/22	MEZ	CAF	RTS
PERMIT	10/26/22	CAF	CAF	RTS

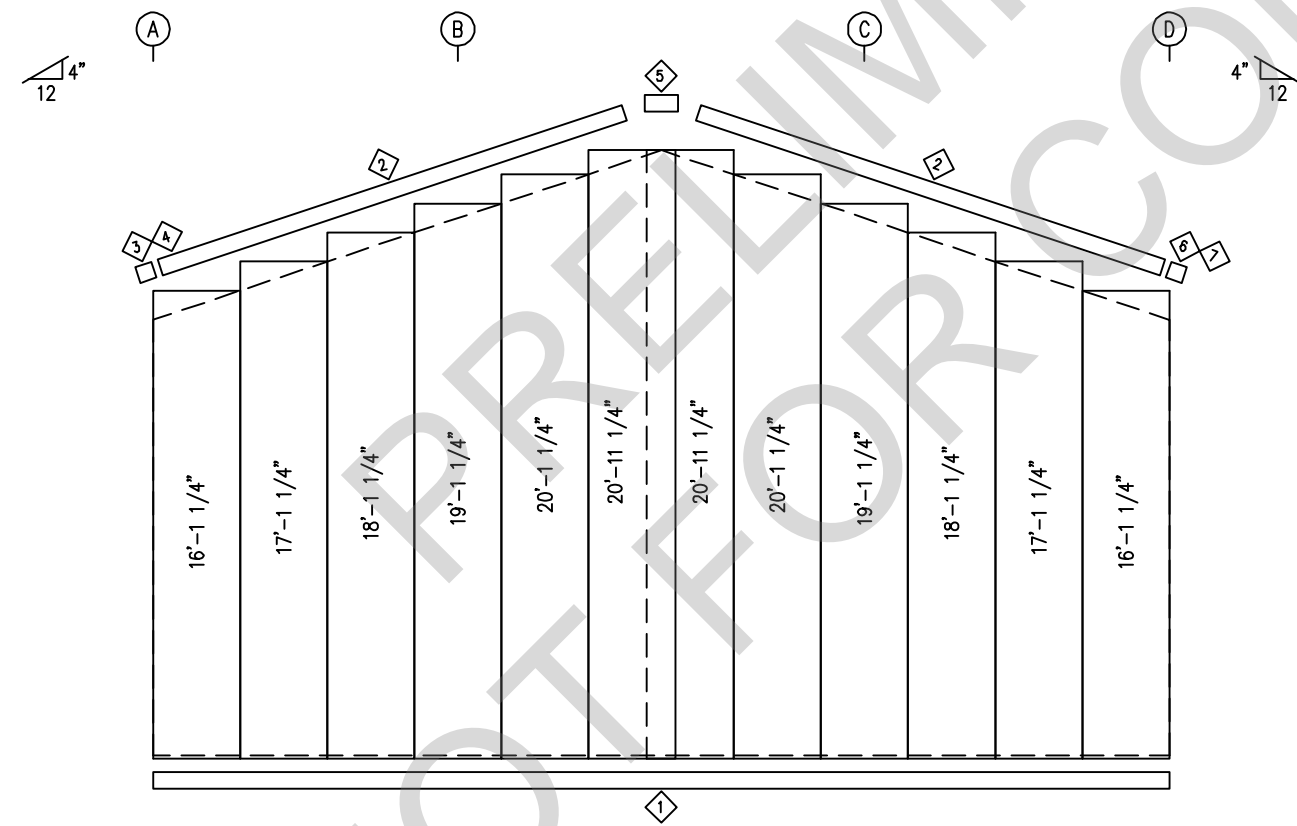
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CUSTOMER NAME:	TED ELSWICK
PROJECT NAME:	TED ELSWICK
PROJECT LOCATION:	246 D. ST. VIRGINIA CITY, NV. 89440
PROJECT COUNTY:	STOREY
PROJECT END USE:	COMMERCIAL
CUSTOMER PHONE NUMBER:	775.835.9785
CUSTOMER EMAIL:	FERNLEYTIRE@GMAIL.COM
SCALE:	N.T.S.
SHEET NUMBER:	10 OF 18
JOB NUMBER:	94312
SHEET TITLE:	ENDWALL FRAMING & SHEETING

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ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 GA. PBR - HAWAIIAN BLUE

TRIM TABLE FRAME LINE 4				
ID	QUAN	PART	LENGTH	DETAIL
1	3	FL-60	10'-2"	TD74
2	2	FL-21	8'-6"	TD35
3	1	FL-21L	11'-2"	TD85
4	1	FL-328L	9 1/2"	TD13
5	1	FL-23	1'-4"	
6	1	FL-21R	11'-2"	TD85
7	1	FL-328R	9 1/2"	TD13

BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	1 3/4"
COLUMNS/RAFTER	2	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE 4			
QUAN	MARK	PART	LENGTH
2	EC-3	8x25C16	13'-7 15/16"
2	EC-4	8x25C12	16'-10"
1	ER-1	10x25C12	18'-5 1/8"
1	ER-2	10x25C12	18'-5 1/8"
4	G-4	8X25Z16	9'-1 15/16"
2	G-5	8X25Z16	5'-3 15/16"
3	G-6	8X25Z16	13'-11 1/2"
2	CB-1	RD0625	16'-7 1/4"
2	CB-2	RD0625	16'-0 3/4"

CONNECTION PLATES FRAME LINE 4		
ID	QUAN	MARK
1	10	CL-103
2	10	CL-100
3	2	CL-109E
4	4	CL-5

FLANGE BRACE TABLE FRAME LINE 4		
ID	QUAN	MARK
1	2	FB30

DATE	DWN.	CHK.	ENG.
10/26/21	MEZ	MEZ	RTS
10/26/21	CAF	CAF	RTS



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PROJECT NAME: STOREY	PROJECT COUNTY: STOREY
PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 775.835.9785
CUSTOMER EMAIL: FERNLEYTIRE@GMAIL.COM	SCALE: N.T.S.
SHEET NUMBER: 11 OF 18	JOB NUMBER: 94312
SHEET TITLE: ENDWALL FRAMING & SHEETING	

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02/05/2024

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TRIM TABLE
ROOF PLAN

ID	QUAN	PART	LENGTH	DETAIL
1	17	PS-26R	3'-0"	TD8

MEMBER TABLE
ROOF PLAN

QUAN	MARK	PART	LENGTH
10	P-1	8X25Z14	18'-1 1/2"
10	P-2	8X25Z14	22'-3 1/2"
10	P-3	8X25Z14	18'-1 1/2"
2	P-4	8X25Z16	22'-3 1/2"
1	E-1	L08E16-4	15'-11 1/2"
2	E-2	L08E16-4	17'-11 1/2"
2	E-3	L08E16-4	15'-11 1/2"
1	E-4	L08E16-4	15'-11 1/2"
4	CB-4	RD0625	24'-11 1/4"
6	SSL-10	SSL-10	6"

SPECIAL BOLTS
ROOF PLAN

ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0
2	2	A307	1/2"	1 1/4"	2

CONNECTION PLATES
ROOF PLAN

ID	QUAN	MARK
1	4	CL-18A

DATE	DWN.	CHK.	ENG.
10/20/22	MEZ	MEZ	RTS
10/20/22	CAF	CAF	RTS

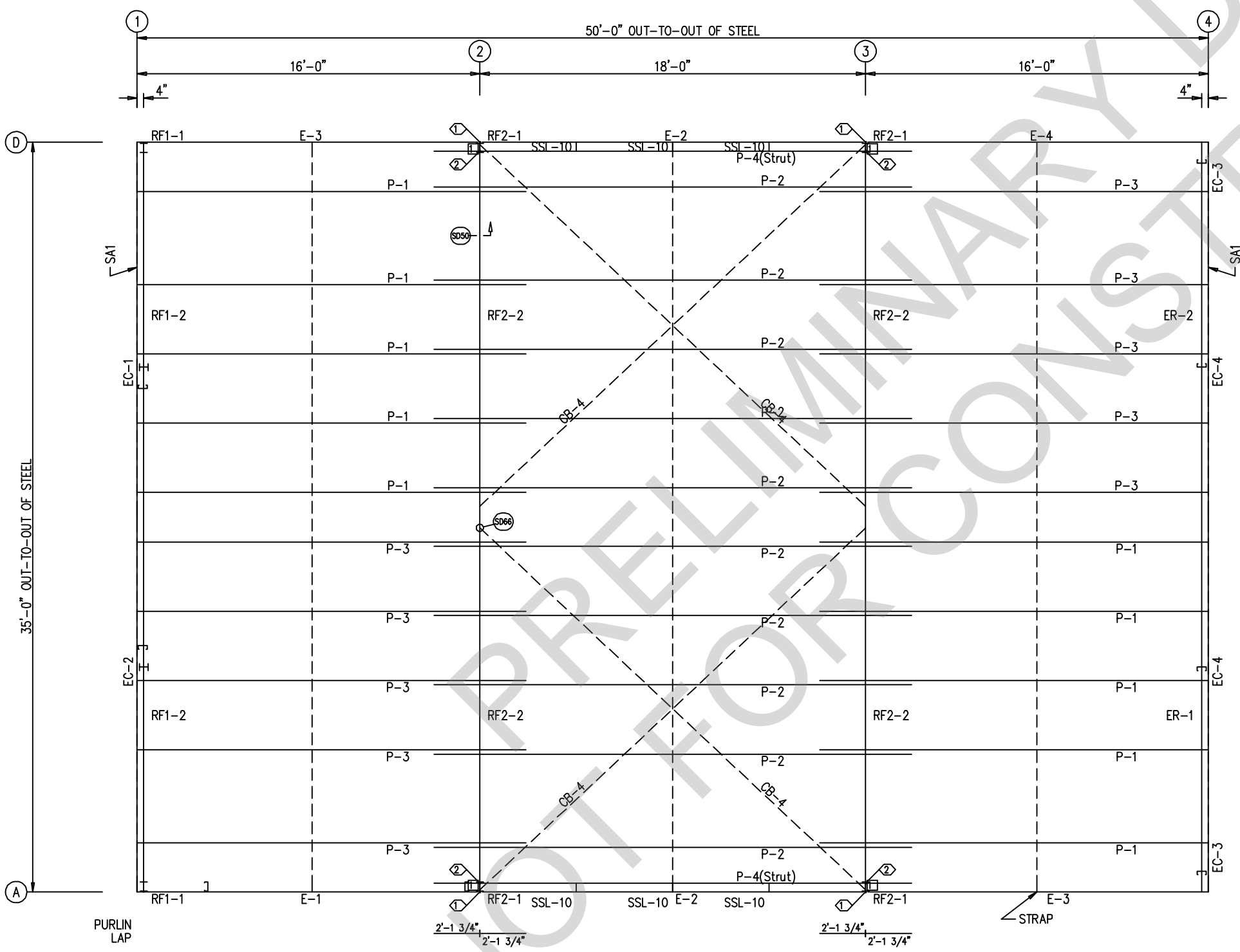


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PROJECT NAME:	TED ELSWICK
PROJECT LOCATION:	246 D. ST. VIRGINIA CITY, NV. 89440
PROJECT COUNTY:	STOREY
PROJECT END USE:	COMMERCIAL
CUSTOMER PHONE NUMBER:	775.835.9785
CUSTOMER EMAIL:	FERNLEYTIRE@GMAIL.COM
SCALE:	N.T.S.
SHEET NUMBER:	12 OF 18
JOB NUMBER:	94312
SHEET TITLE:	ROOF FRAMING & SHEETING PLAN

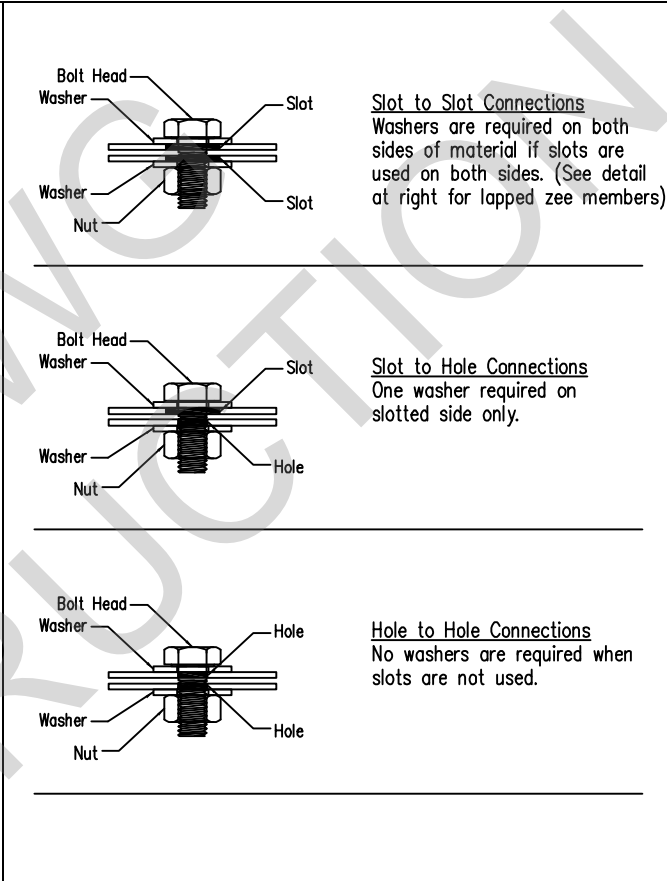
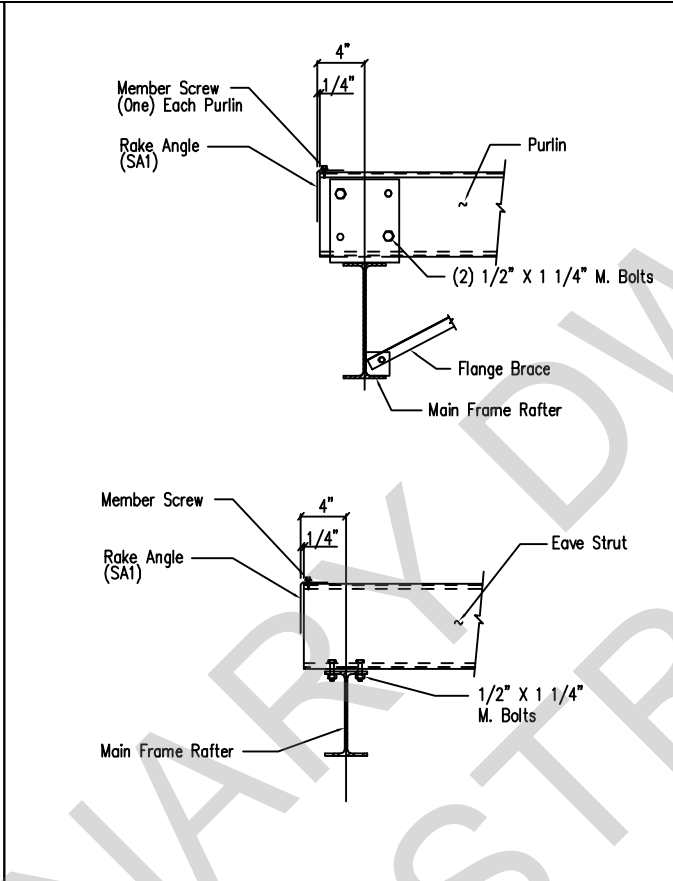
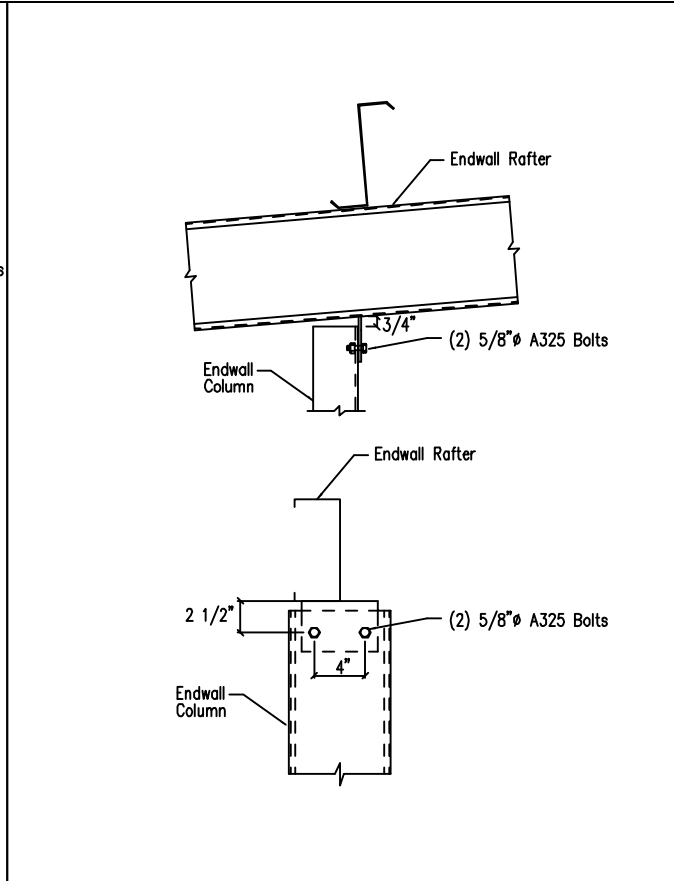
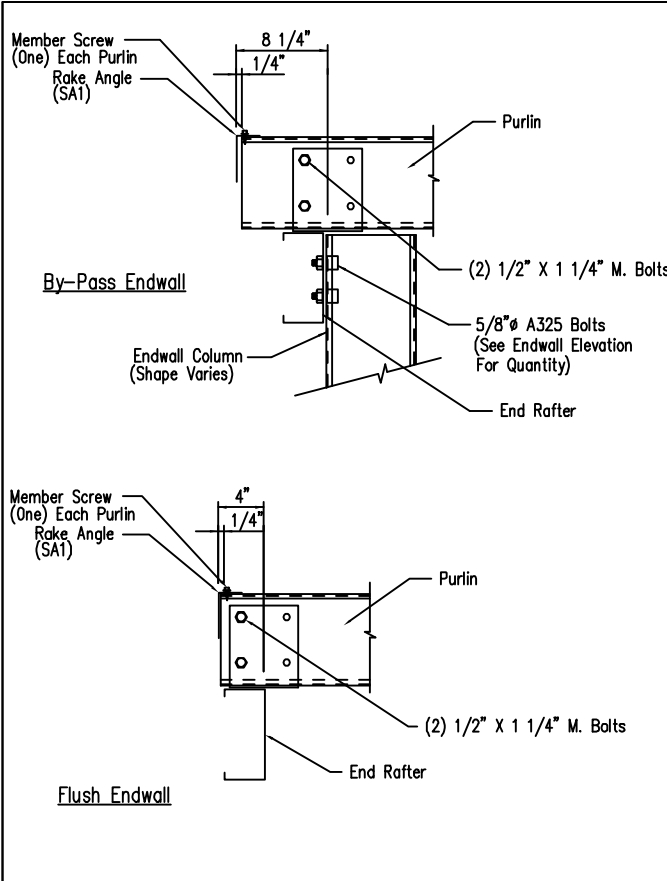
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ROOF SHEETING
PANELS: 26 GA. PBR GALVALUME

ROOF FRAMING PLAN

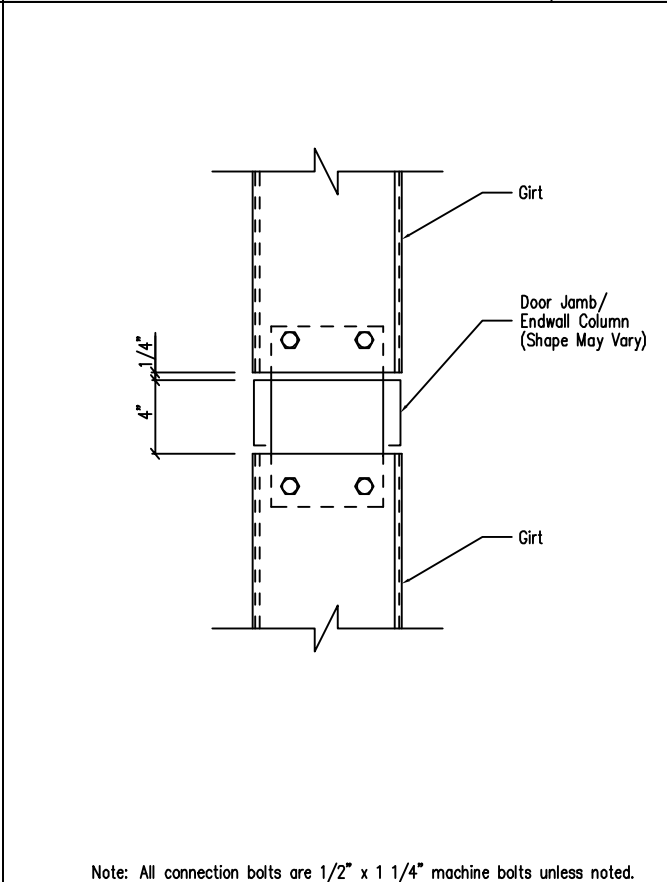
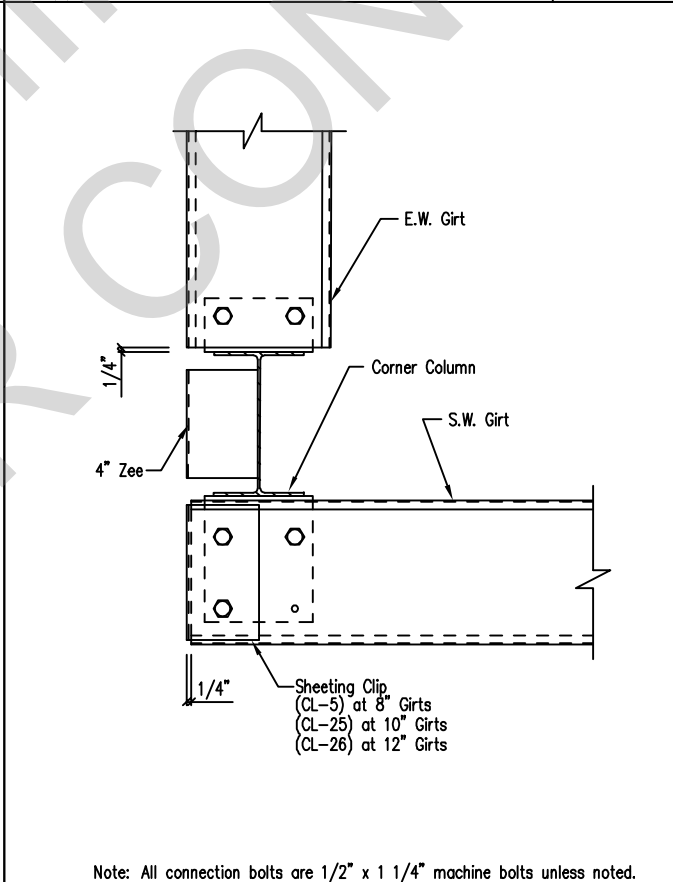
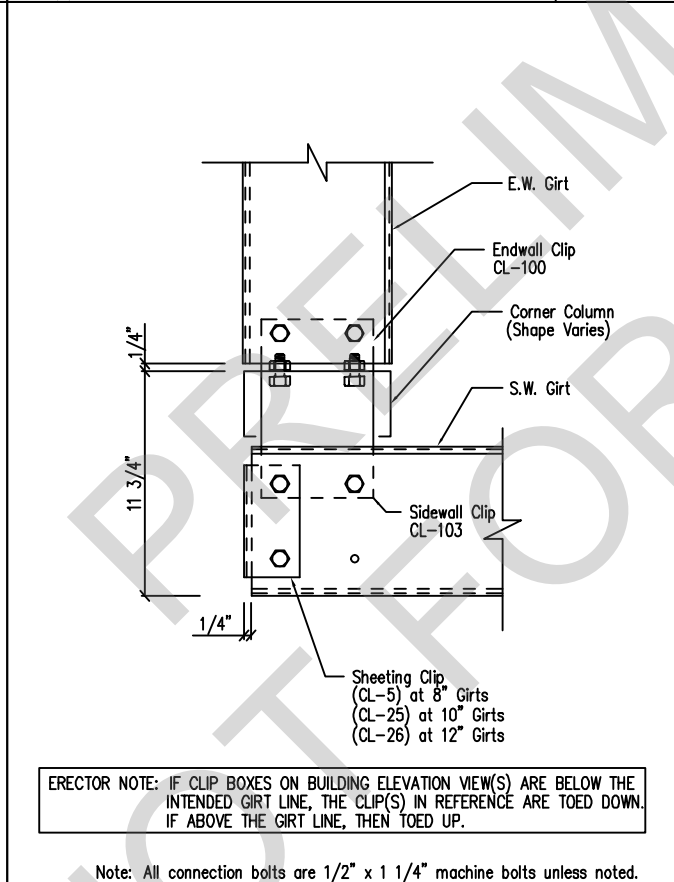
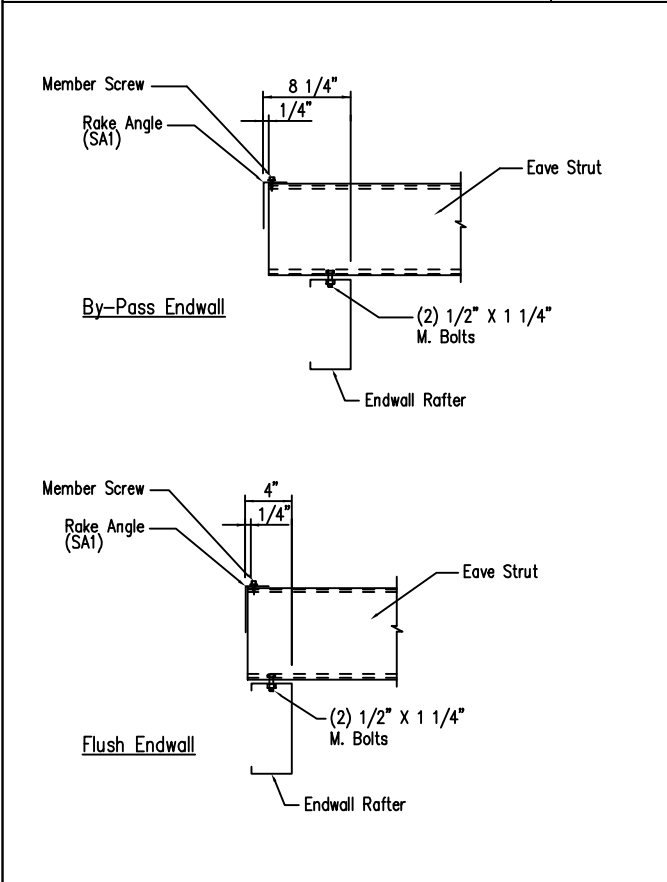


Section Thru Rake at Cold-Form Rafter
DRAWING NO. SD1

Cold Form Column to Cold Form Rafter
DRAWING NO. SD4

Main Frame Rafter Connection
PURLIN & EAVE STRUT CONNECTION
DRAWING NO. SD9

Typical Washer Requirements
DRAWING NO. SD11



Eave Strut to Cold Form Rafter Connection
DRAWING NO. SD15

Section at "C" Corner Column
Flush Endwall
DRAWING NO. SD24

Section at Hot Rolled Corner Column
Flush Endwall - By-Pass Sidewall
DRAWING NO. SD30

Girt to "C" Door Jamb/Endwall Column Connection
DRAWING NO. SD43

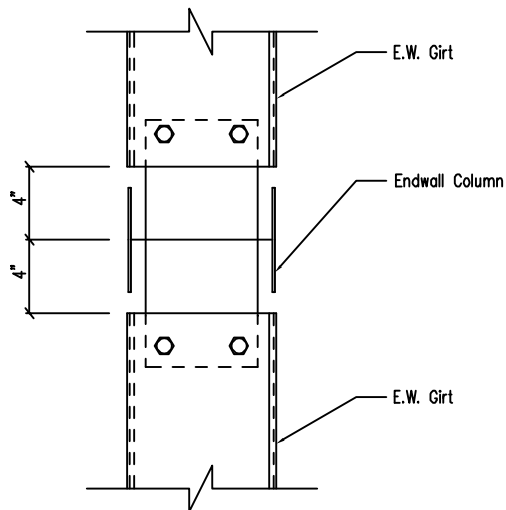
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10/20/21	MEZ	RTS	
10/20/21	CAF	RTS	

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CUSTOMER NAME: TED ELSWICK	PROJECT NAME: TED ELSWICK	PROJECT LOCATION: 246 D. ST. VIRGINIA CITY, NV, 89440
PROJECT COUNTY: STOREY	PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 775.835.9785
CUSTOMER EMAIL: FERNLEYTIRE@GMAIL.COM	SCALE: N.T.S.	SHEET NUMBER: 13 OF 18
		JOB NUMBER: 94312
		SHEET TITLE: DETAIL DRAWINGS

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02/05/2024

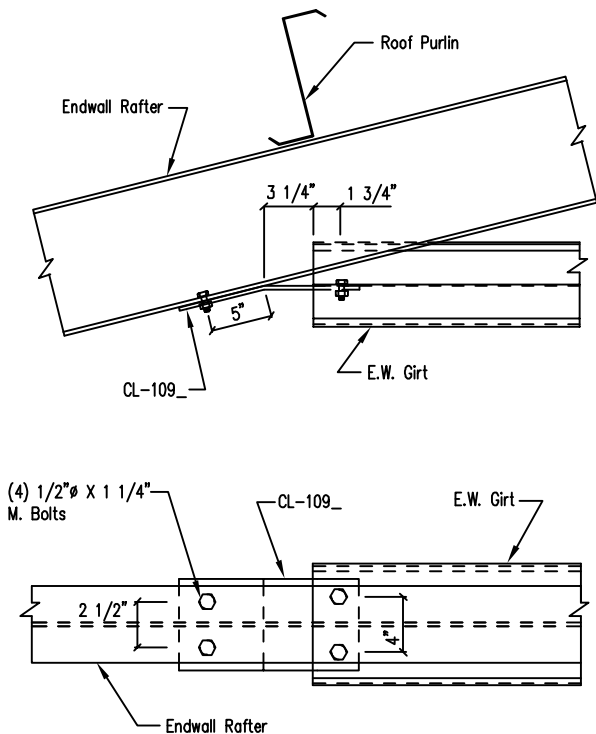
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Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

Girt to Hot Rolled Endwall Column Connection

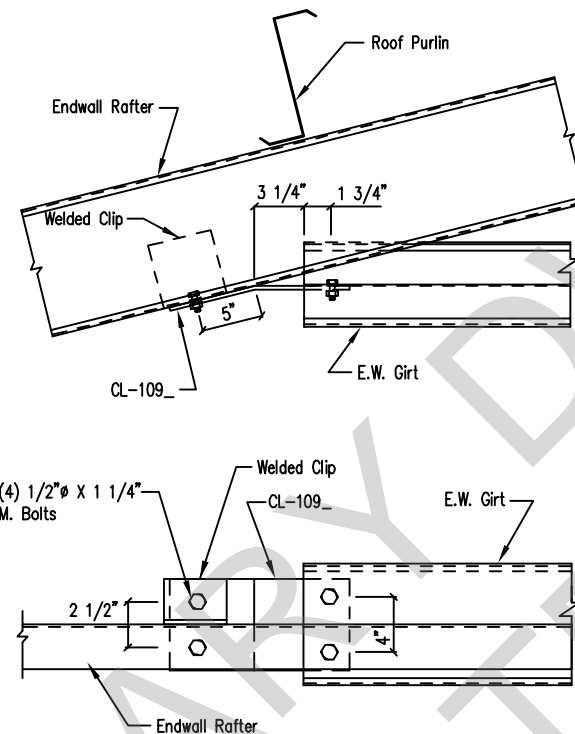
DRAWING NO.
SD44



(4) 1/2" x 1 1/4" M. Bolts

Endwall Girt to Hot Rolled Rafter

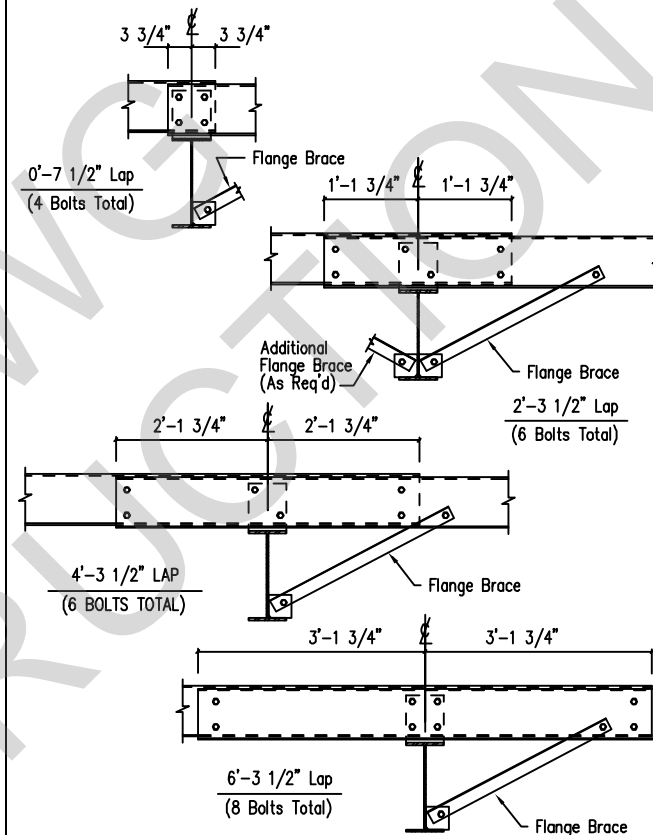
DRAWING NO.
SD45



(4) 1/2" x 1 1/4" M. Bolts

Endwall Girt to Cold Form Rafter

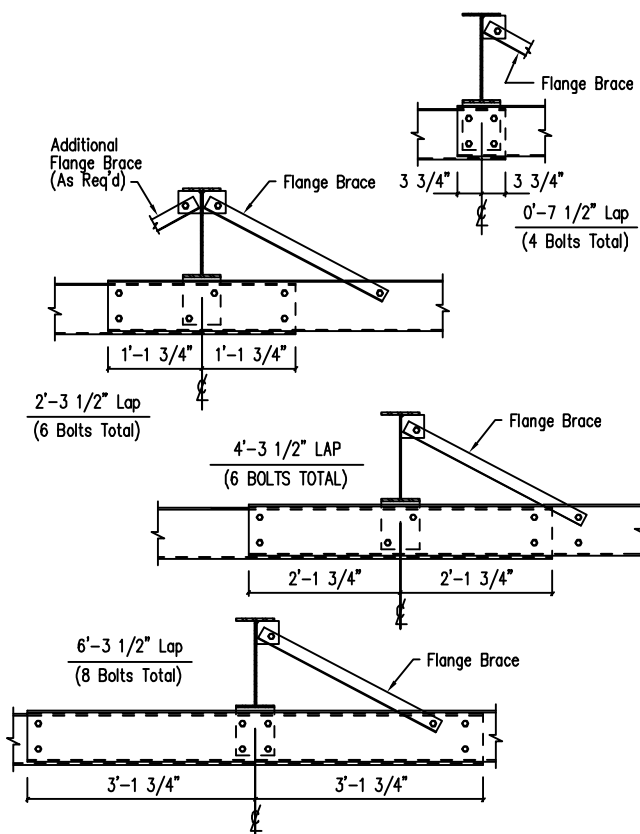
DRAWING NO.
SD48



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

Interior Bay Purlin Framing

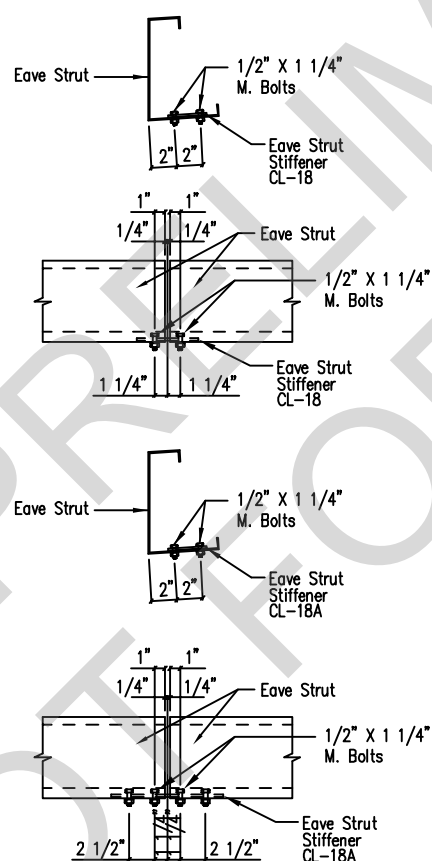
DRAWING NO.
SD50



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

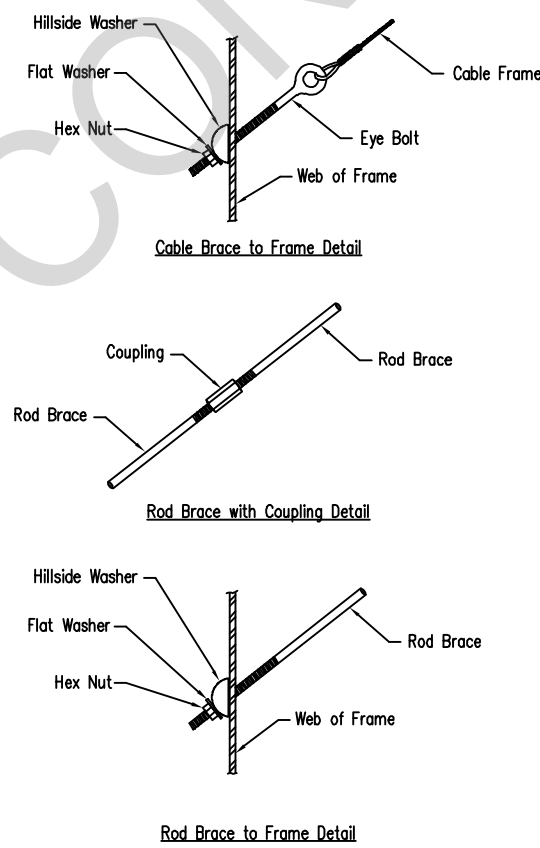
Interior Bay Girt Framing

DRAWING NO.
SD51



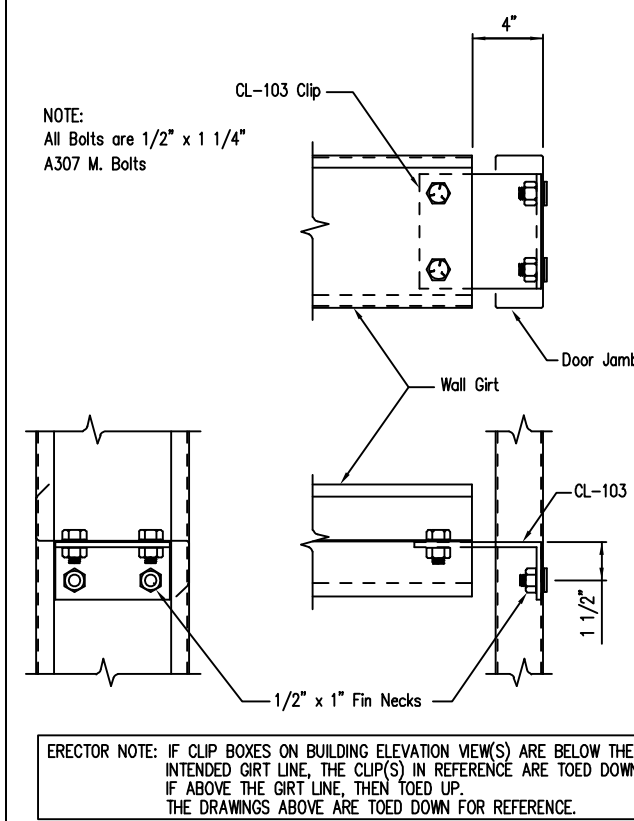
Eave Strut Stiffener Plate
Low Eave

DRAWING NO.
SD60



Cable or Rod Brace to Frame Connection

DRAWING NO.
SD66



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

Girt to Jamb (Bolted Clips)

DRAWING NO.
SD87

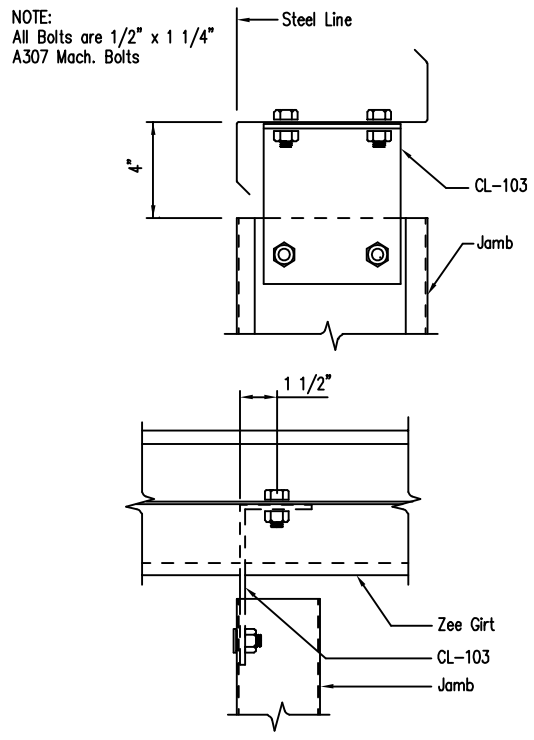
DATE	DWN.	CHK.	ENG.
10/20/21	MEZ	MEZ	RTS
10/20/21	CAF	CAF	RTS

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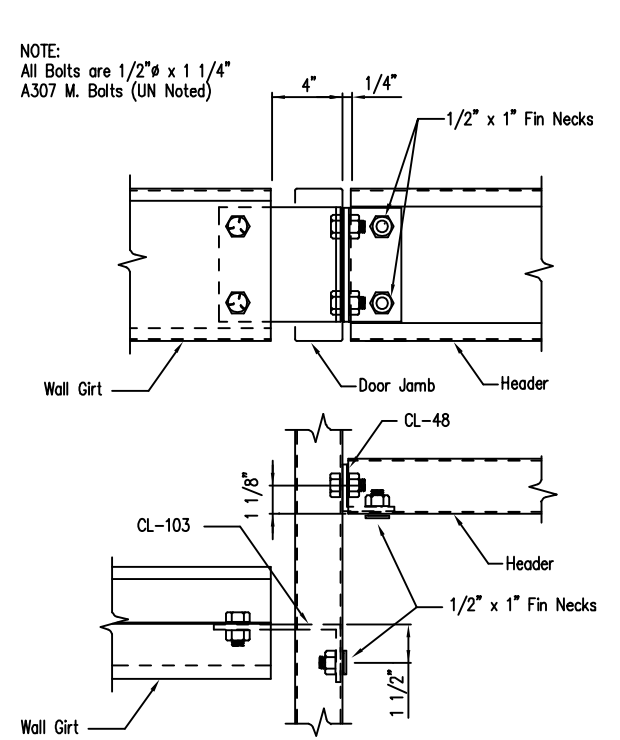
CUSTOMER NAME: TED ELSWICK	PROJECT LOCATION: 246 D. ST. VIRGINIA CITY, NV, 89440
PROJECT NAME: TED ELSWICK	PROJECT COUNTY: STOREY
PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 775.835.9785
CUSTOMER EMAIL: FERNLEYTIRE@GMAIL.COM	SCALE: N.T.S.
SHEET NUMBER: 14 OF 18	JOB NUMBER: 94312
SHEET TITLE: DETAIL DRAWINGS	

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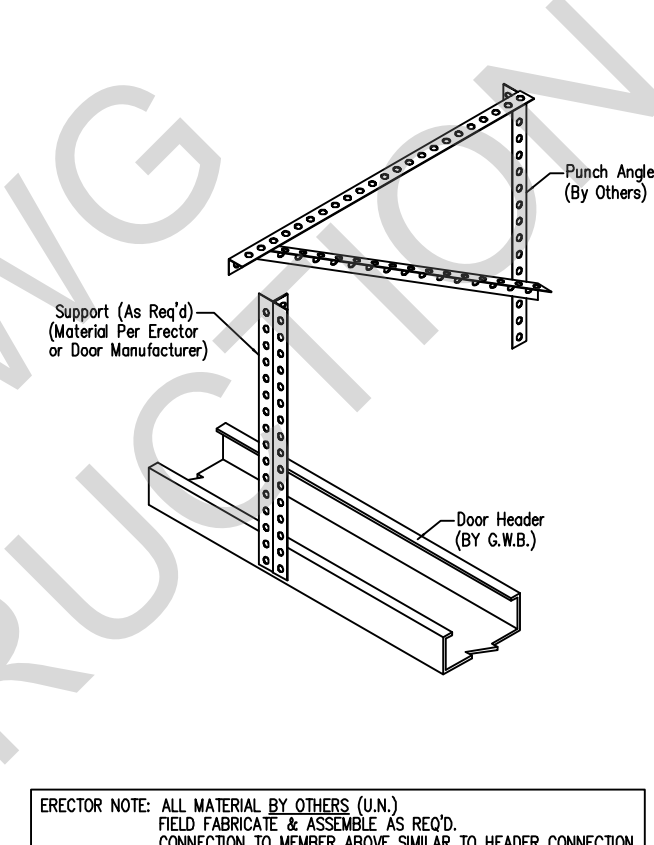
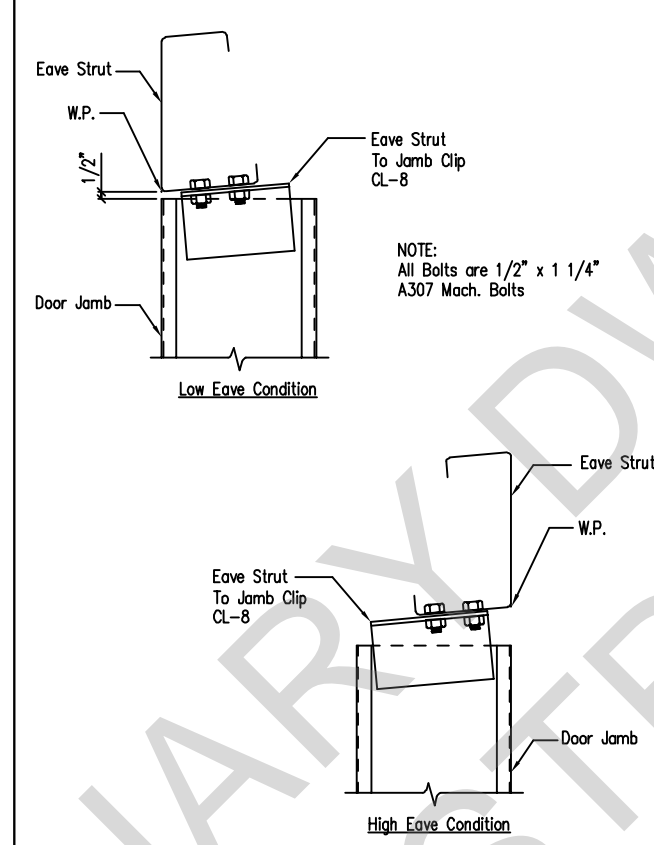
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ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE LEFT OF THE INTENDED JAMB LINE, THE CLIP(S) IN REFERENCE ARE TOED LEFT. IF RIGHT OF THE JAMB LINE, THEN TOED RIGHT. THE DRAWINGS ABOVE ARE TOED LEFT FOR REFERENCE.



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



Jamb to Girt

DRAWING NO.
SD93

Girt/Header to Jamb

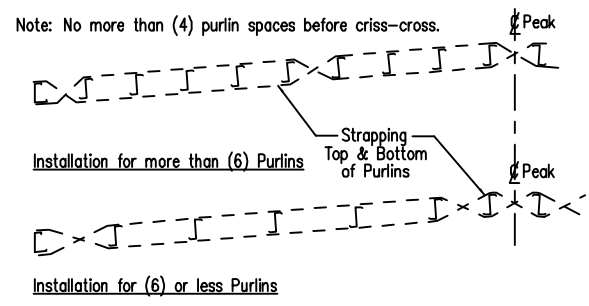
DRAWING NO.
SD95

Jamb To Eave Strut
2:12 Roof Pitch and Higher

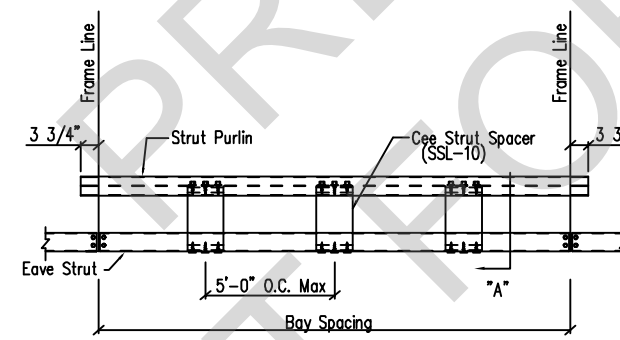
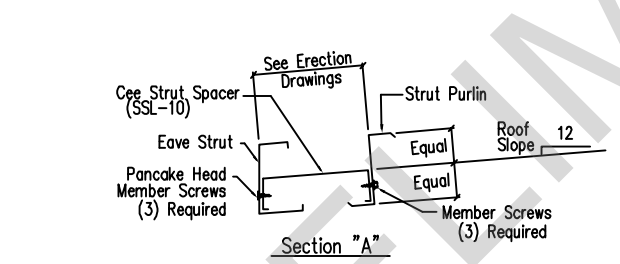
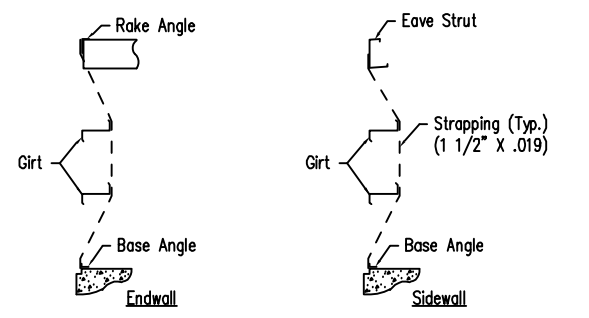
DRAWING NO.
SD97

Overhead Door Torsion Bar Bearing Connection

DRAWING NO.
SD101



- Note: 1) Attach straps w/#10-16 x 1" pancake self driller (RF1) at purlins or girts.
- 2) No criss-cross straps in walls.



Roof Uplift and Wall Suction Strap Details

DRAWING NO.
SD102

Strut Purlin and Spacer Detail
Low Eave

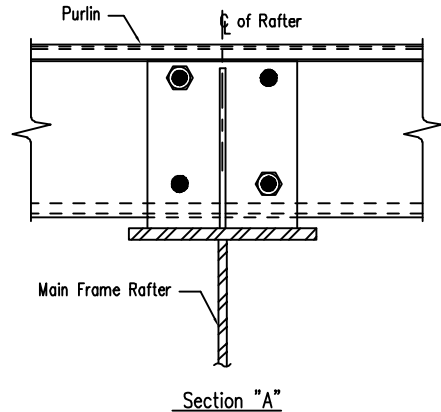
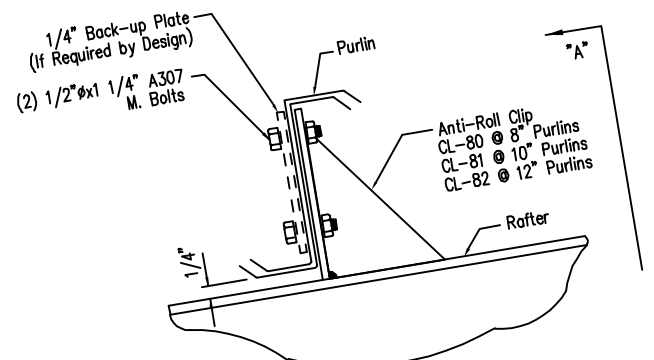
DRAWING NO.
SD107

Column to Door Jamb Clip Attachment

DRAWING NO.
SD113

Purlin to Anti-Roll Clip Connection

DRAWING NO.
SD115



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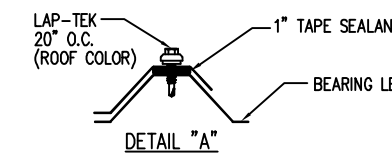
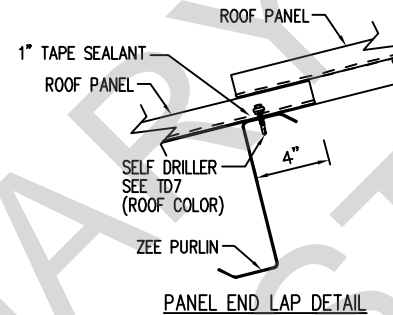
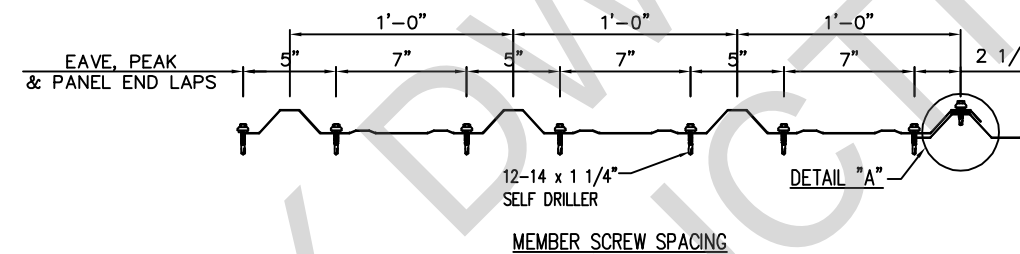
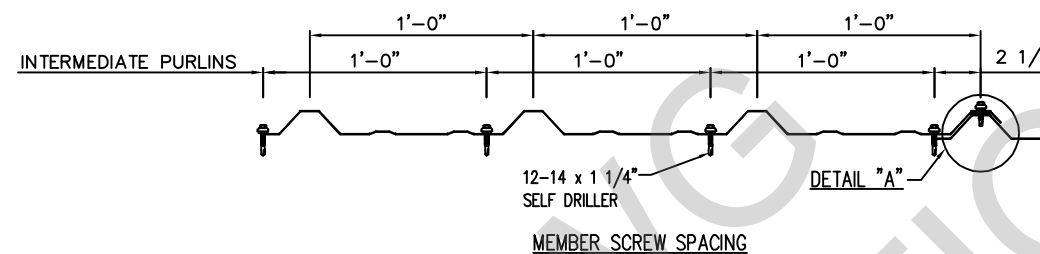
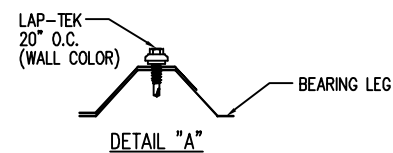
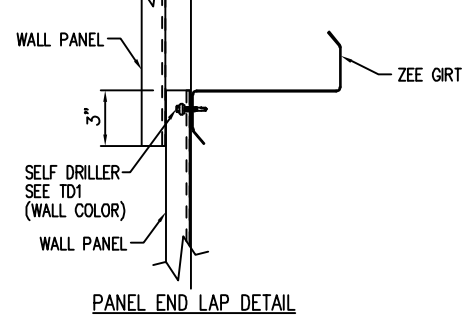
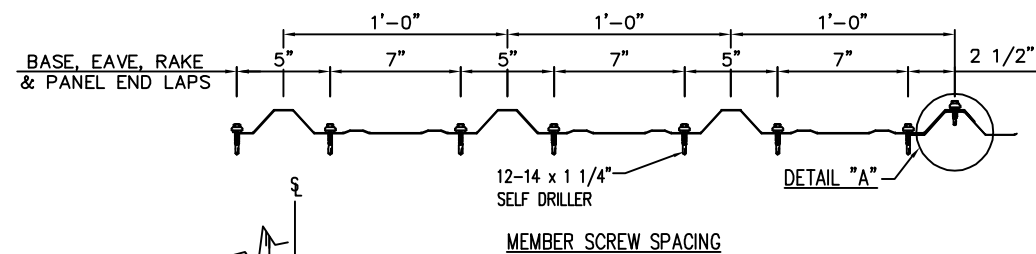
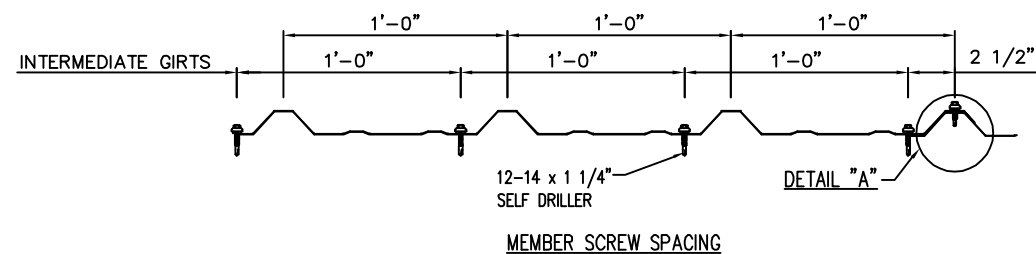
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DATE	DWN.	CHK.	ENG.
10/21/21	MEZ	MEZ	RTS
10/21/21	CAF	CAF	RTS

ISSUE	APPROVAL	PERMIT

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PROJECT NAME: TED ELSWICK	PROJECT COUNTY: STOREY
PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 775.835.9785
CUSTOMER EMAIL: FERNLEYTIRE@GMAIL.COM	SCALE: N.T.S.
SHEET NUMBER: 15 OF 18	JOB NUMBER: 94312
SHEET TITLE: DETAIL DRAWINGS	



Fastener Location at Wall - PBR

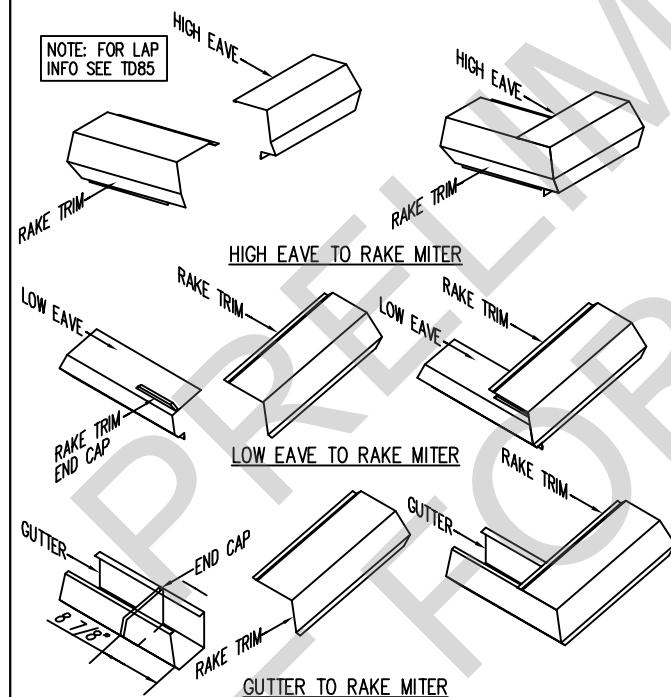
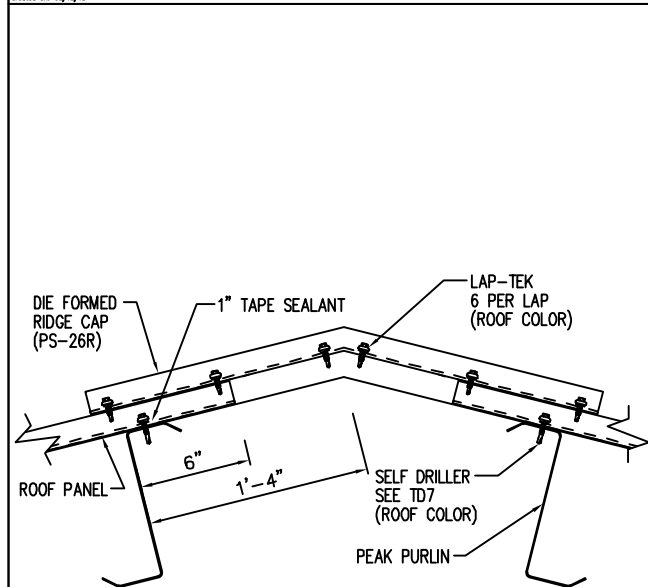
DRAWING NO. TD1

Fastener Location at Roof - PBR

DRAWING NO. TD7

Created On: 08/13/18

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.

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

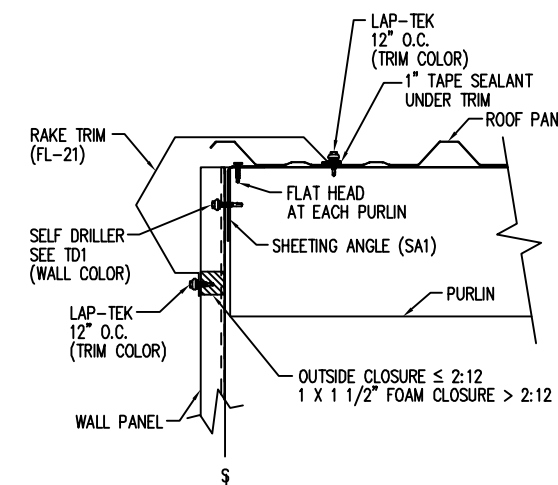
DRAWING NO. TD8

Sculptured Trim Detail - PBR

DRAWING NO. TD13

Low Eave Gutter Detail - PBR
Sculptured Gutter - Sheeted Wall

DRAWING NO. TD15



NOTE: FIELD SLOPE CUT WALL PANELS AS REQUIRED FOR ROOF SLOPE

Rake Detail - PBR
Sculptured Rake - Sheeted Wall

DRAWING NO. TD35

Created On: 08/13/18

Created On: 08/13/18

Created On: 08/13/18

Created On: 08/13/18

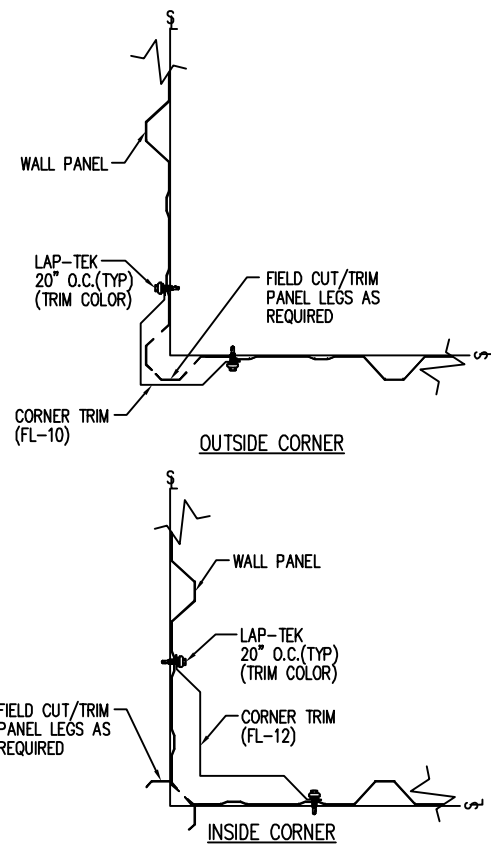
ISSUE	DATE	DWN.	CHK.	ENG.
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SCALE:	N.T.S.
SHEET NUMBER:	16 OF 18
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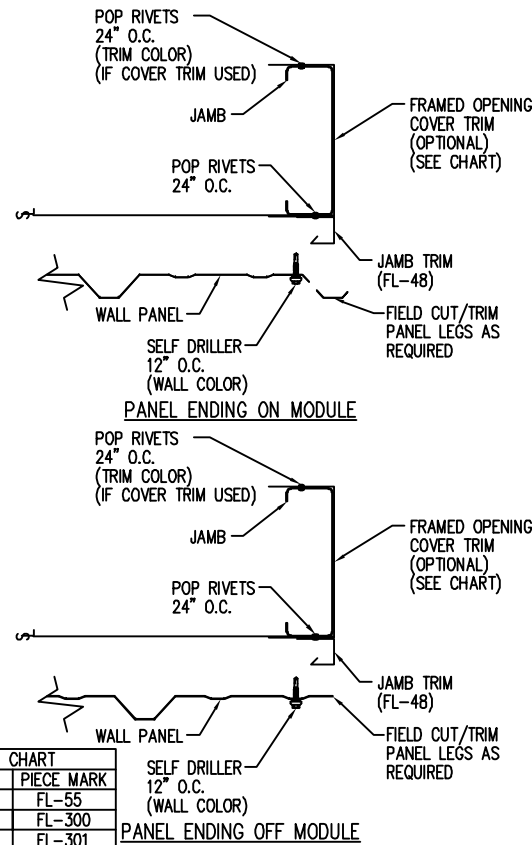
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Section at Corner Detail - PBR

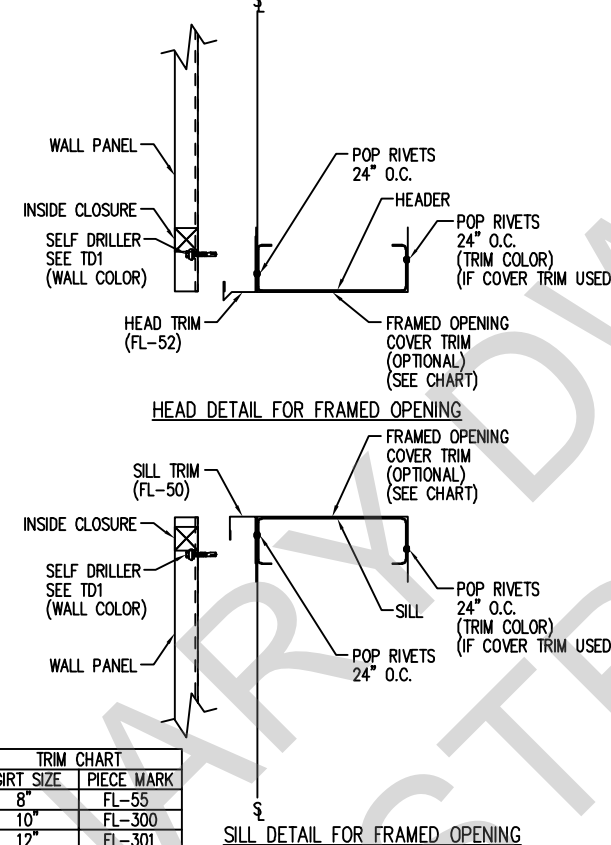
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TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301

Framed Opening Jamb Detail - PBR

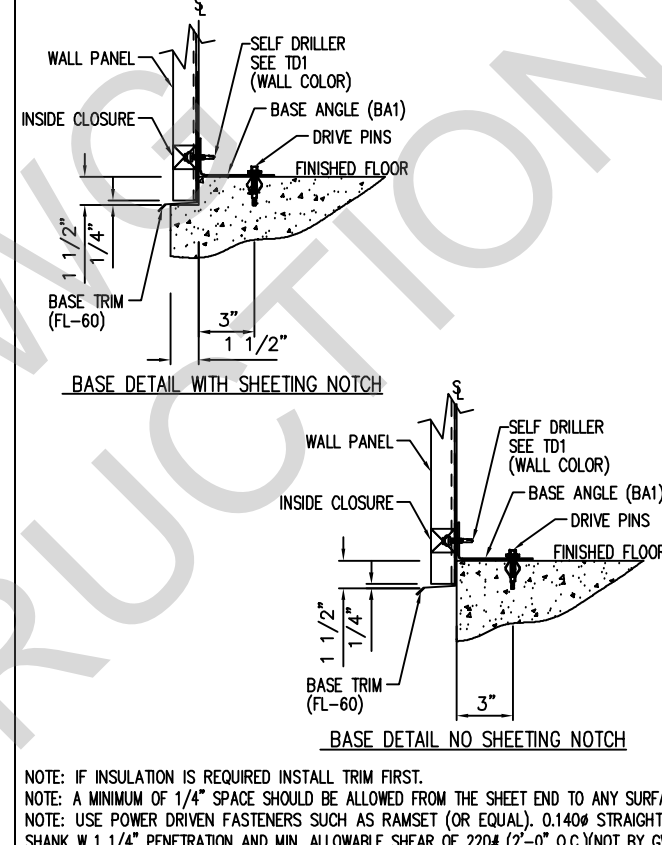
DRAWING NO. TD51



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

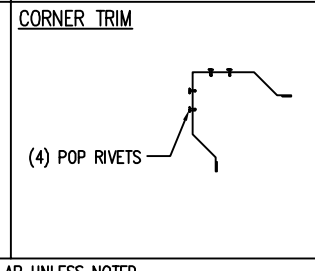
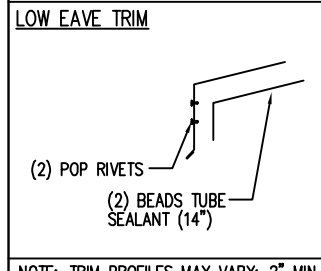
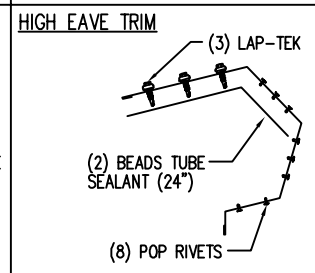
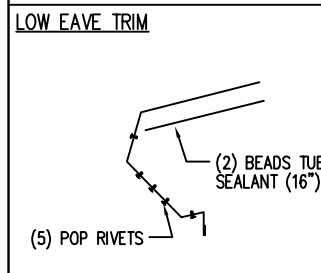
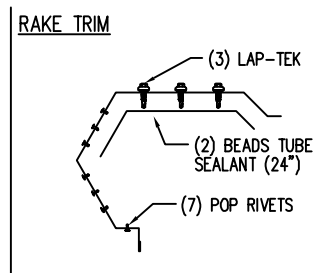
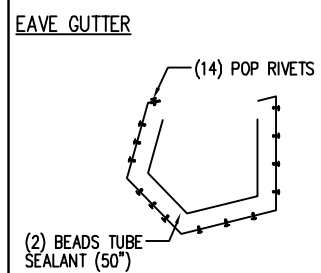
Framed Opening Head and Sill Details - PBR

DRAWING NO. TD52



Base Angle w/Trim Details

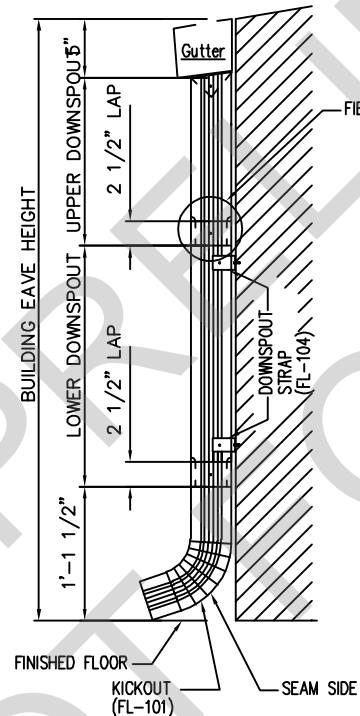
DRAWING NO. TD74



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

Trim Laps - PBR Sculptured

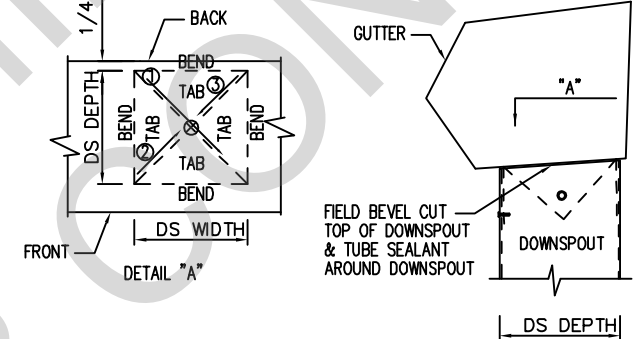
DRAWING NO. TD85



NOTE: REFERENCE DETAIL TD96 FOR SPLICE DETAIL

Downspout Elevation
3 1/2" x 5 3/8" Roll-Form

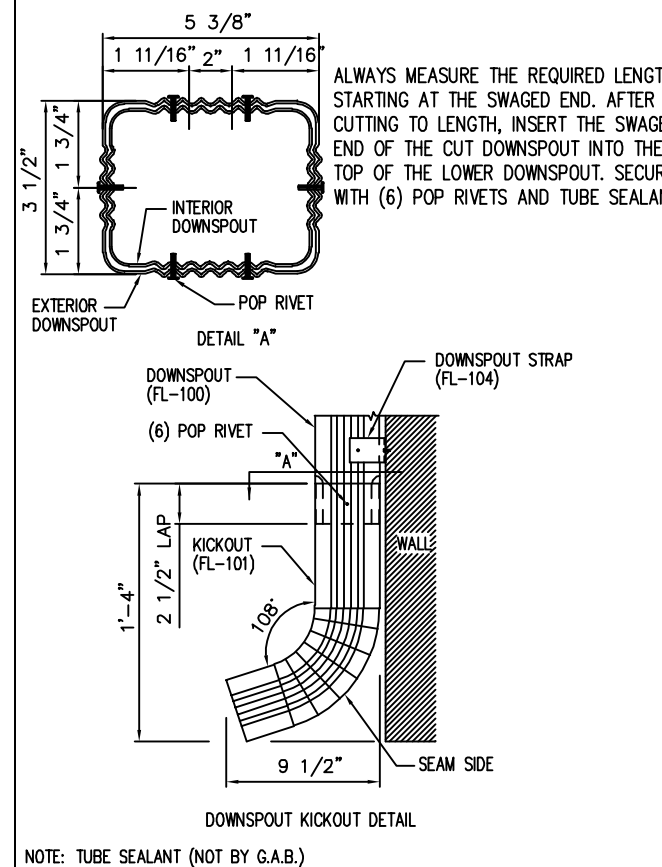
DRAWING NO. TD90



- REFER TO THE BUILDING ERECTIO DRAWINGS FOR THE LOCATION AN SPACING OF THE DOWNSPOUTS.
- LOCATE ALL DOWNSPOUTS OVER A MAJOR PANEL RIB IF POSSIBLE.
- 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.
- 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.
- BEND EACH TRIANGULAR TAB DOWN TOWARD THE GROUND, 90° TO THE BOTTOM OF THE GUTTER.
- POSITION THE TOP OF THE DOWNSPOUT UNDER THE GUTTER. MAKE SURE ALL FOUR GUTTER TABS ARE ON THE INSIDE OF THE DOWNSPOUT.
- 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 to Gutter Attachment Detail

DRAWING NO. TD95



NOTE: TUBE SEALANT (NOT BY G.A.B.)

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

DRAWING NO. TD96

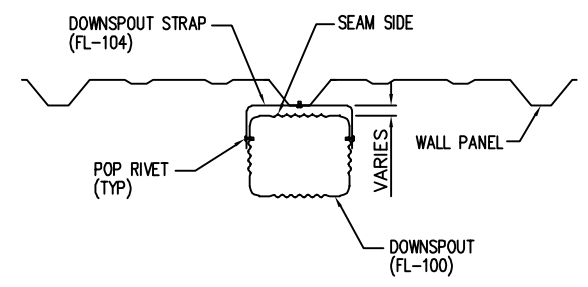
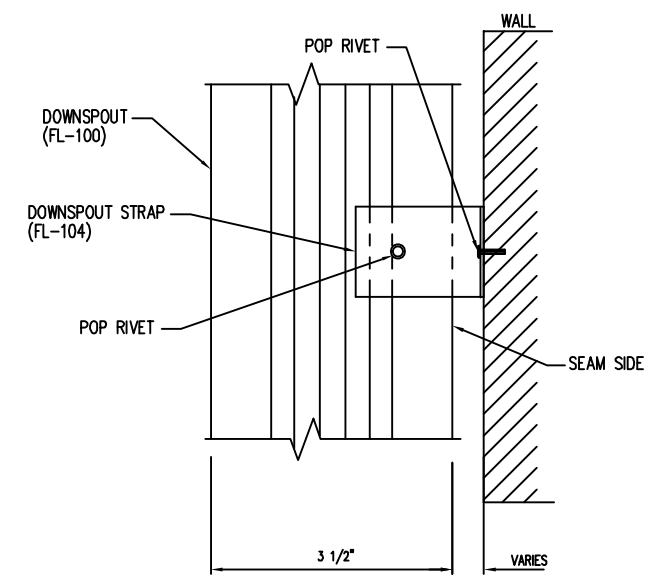
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D.S. Strap Eave Height	Quantity
10'-0"	2
12'-0"	3
14'-0"	3
16'-0"	4
20'-0"	4
25'-0"	5

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

DRAWING NO.
TD97

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

DRAWING NO.
TD98

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