

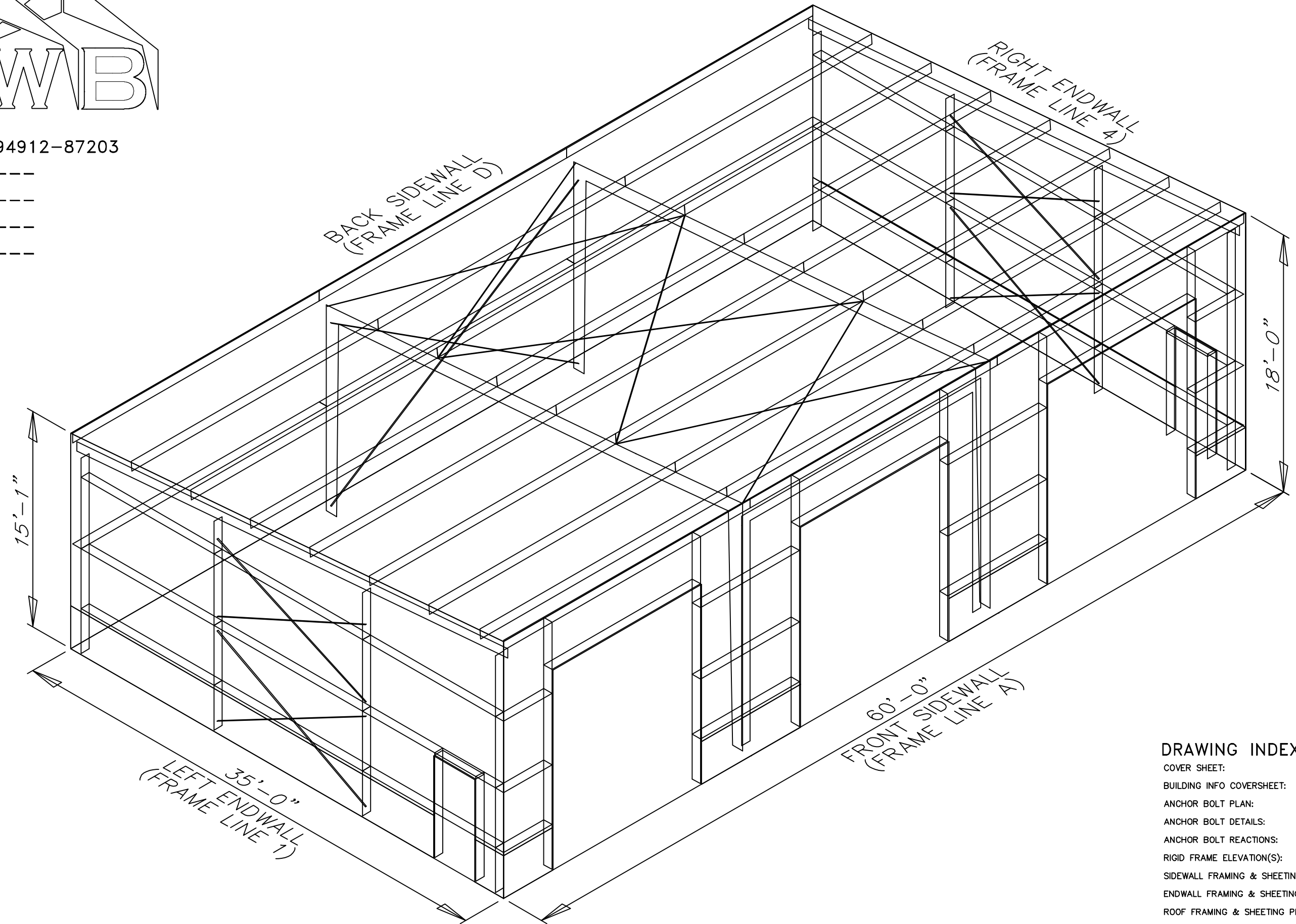
JOB NUMBER: 94912-87203

PROJECT NAME: ---

PROJECT LOCATION: ---

PROJECT LOCATION: ---

PROJECT COUNTY: ---



DRAWING INDEX

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

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

A307	Fu = 60 KSI
A325-TYPE 1	Fu = 120 KSI
A325-TYPE 1	Fu = 105 KSI
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" x 0'-1 1/4" A307 EXCEPT:
A) ENDWALL RAFTER SPlice - 5/8" 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" 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:

- DESIGN CODE / WIND CODE : IBC-21
- OCCUPANCY / RISK CATEGORY : II-Normal
- ENCLOSURE : Enclosed
- ROOF DEAD LOAD (D) (PSF) : 2.00
- ROOF COLLATERAL LOAD (C) (PSF) : 2.50
- WIND LOAD
 - ULTIMATE WIND SPEED, (VULT) (MPH) : 115.00
 - WIND EXPOSURE CATEGORY : C
 - INTERNAL PRESSURE COEFFICIENT, (GCpi) : 0.18/-0.18
 - WALL PANEL DESIGN WIND PRESSURE (PSF) : 23.87/-25.86
 - 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) : 5.00
 - ROOF SNOW LOAD, (Pf) (PSF) : 30.0
 - 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 = 1.146 :S1 = 0.443
 - SPECTRAL RESPONSE COEFFICIENTS : Sds = 0.917 :Sd1 = 0.548
 - SEISMIC DESIGN CATEGORY : D
 - BASIC SEISMIC FORCE RESISTING SYSTEM : STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR RESISTANCE
- RESPONSE MODIFICATION FACTORS, (R)
 - RIGID FRAMES = 3.25
 - SW X-BRACING = 3.25
 - SW WIND BENT = 3.25
- SEISMIC RESPONSE COEFFICIENTS, (Cs)
 - RIGID FRAMES = 0.2822
 - SW X-BRACING = 0.2822
 - SW WIND BENT = 0.2822
- ANALYSIS PROCEDURE USED : EQUIVALENT LATERAL FORCE PROCEDURE
- OTHER LOADS/REQUIREMENTS

BUILDING DESCRIPTION:

- WIDTH (FT) : 35.00
- LENGTH (FT) : 60.00
- EAVE HEIGHT AT BSW (FT) : 15.10
- EAVE HEIGHT AT FSW (FT) : 18.00
- ROOF SLOPE AT BSW : 1:0:12
- ROOF SLOPE AT FSW : N/A
- BAY SPACING (FT) : 3 AT 20.00

COVERING AND TRIMS:

- ROOF PANELS & TRIMS
 - PANEL TYPE : 26 GA. PBR
 - PANEL COLOR : POLAR WHITE
 - TRIM COLORS
 - GABLE/EAVE : POLAR WHITE
 - EAVE GUTTER : N/A
- WALL PANELS & TRIMS
 - PANEL TYPE : 26 GA. PBR
 - PANEL COLOR : RUSTIC RED
 - TRIM COLORS
 - CORNER : POLAR WHITE
 - FRAMED OPENING : POLAR WHITE
 - DOWNSPOUTS : N/A
 - BASE : POLAR WHITE
- WAINSCOT PANELS & TRIMS
 - PANEL TYPE : 26 GA. PBR
 - PANEL COLOR : POLAR WHITE
 - TRIM COLORS : POLAR WHITE
- INSULATION
 - ROOF INSULATION : N/A
 - WALL INSULATION : N/A

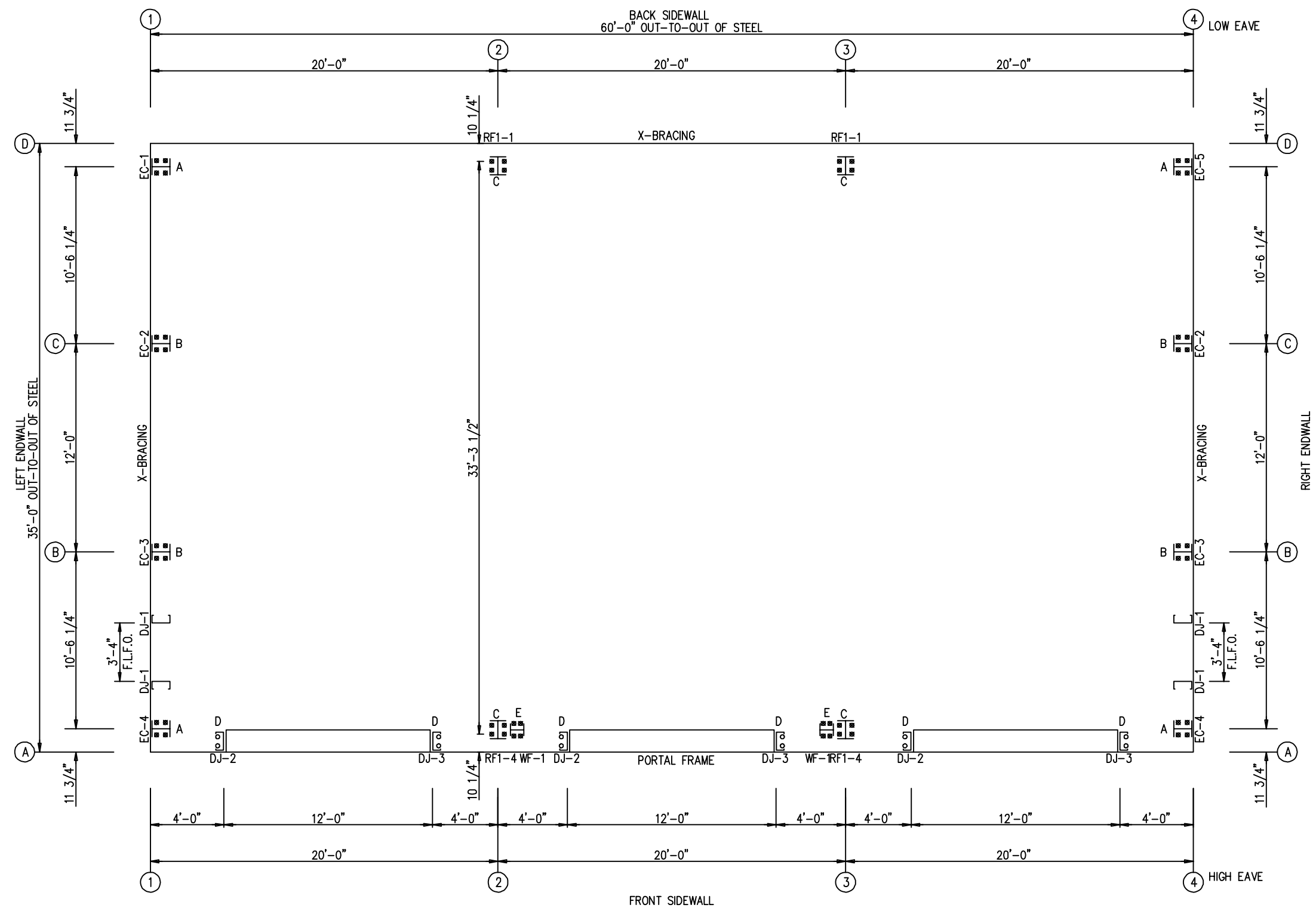
ENG.	CHK.	DATE	ISSUE	APPROVAL	MEZ	RTS

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 16
JOB NUMBER:	94912-87203
SHEET TITLE:	BUILDING INFO COVERSHEET

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

ANCHOR BOLT SUMMARY				
QTY	LOCATE	DIA (in)	TYPE	
12	JAMB	5/8"	A307	
32	ENDWALL	3/4"	A307	
16	FRAME	3/4"	A307	
8	PORTAL COL	3/4"	A307	



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

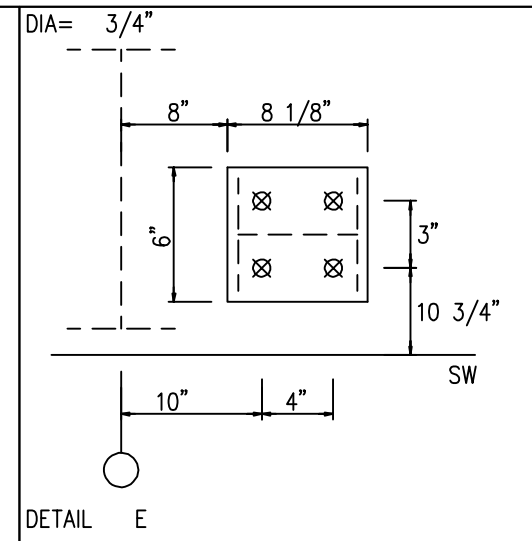
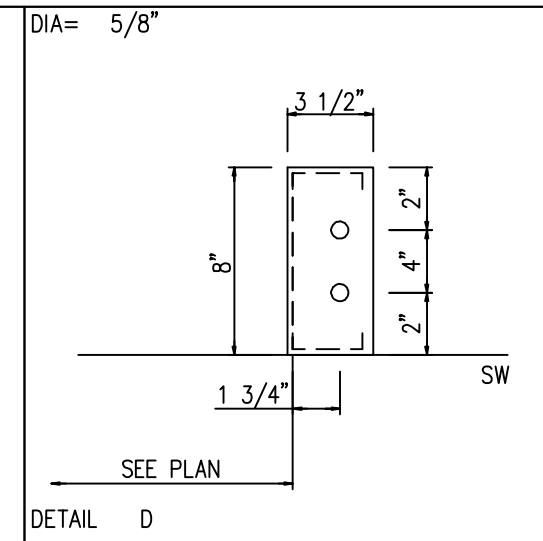
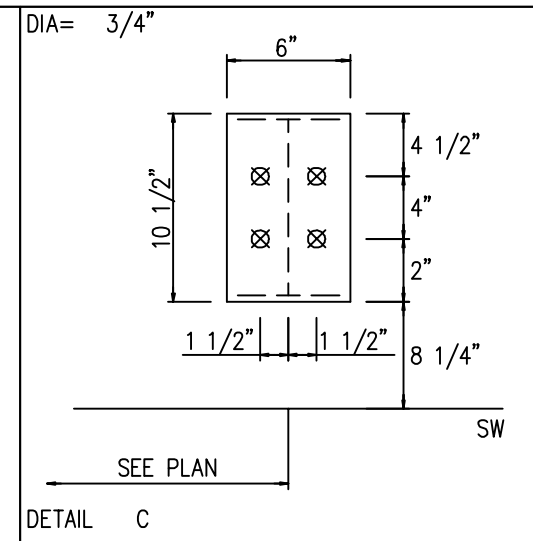
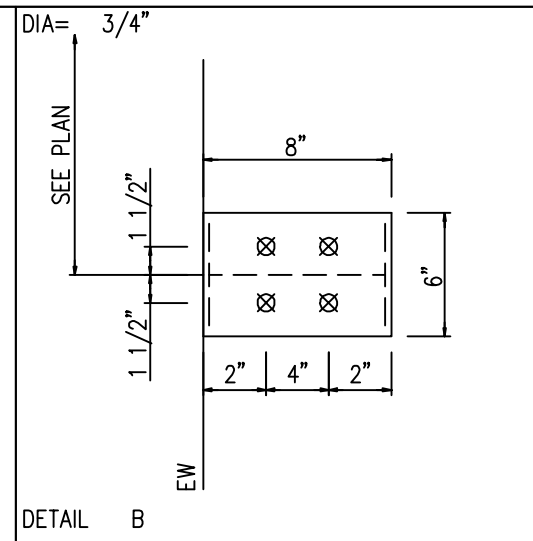
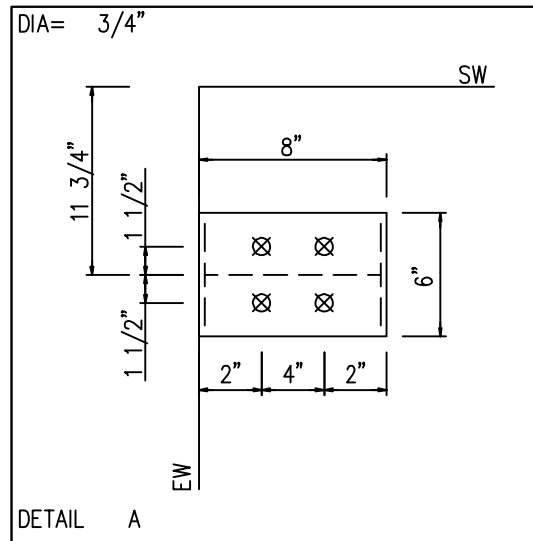
DATE	DWN.	CHK.	ENG.
/ /	/	/	/



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

CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	3 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	ANCHOR BOLT PLAN

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.



ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	—/—/—	MEZ	MEZ	RTS



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

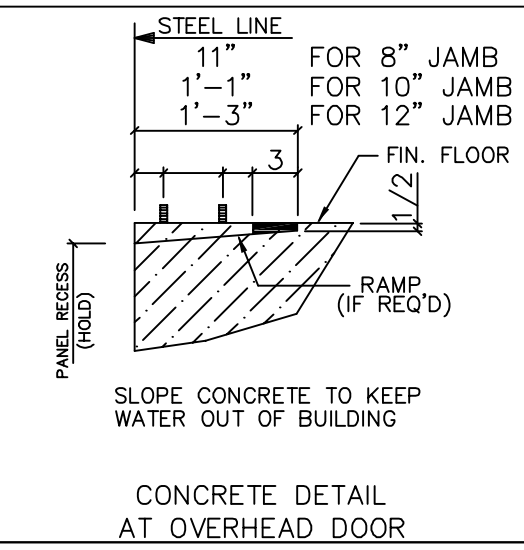
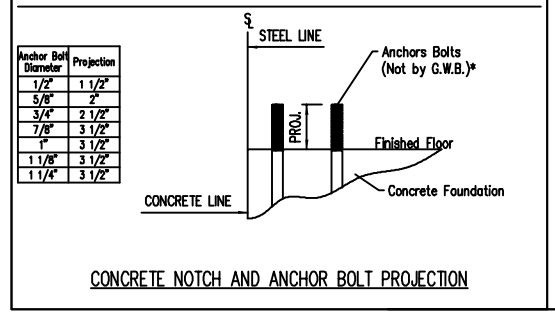
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	4 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	ANCHOR BOLT DETAILS

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

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

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

NOTE: ANCHOR BOLT PROJECTION IS FROM BOTTOM OF BASE PLATE.



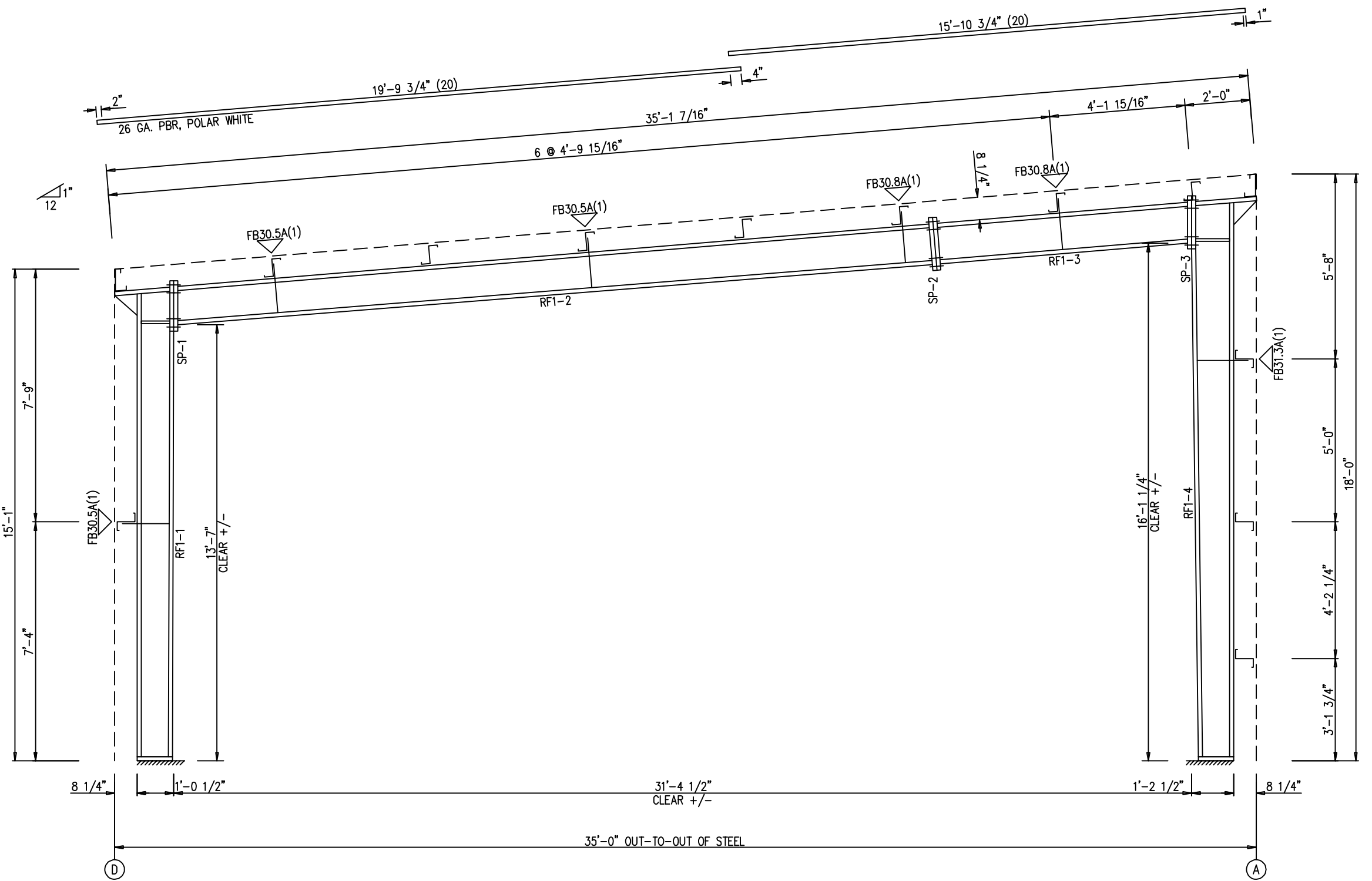
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT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

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

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
	Start/End	Thick	Thick	Length		
RF1-1	10.0/12.0	0.135	0.135	13'-0 13/16"	5 x 1/4" x 14'-4 13/16"	5 x 1/4" x 13'-3 13/16"
RF1-2	11.0/11.9	0.135	0.135	1'-5"	5 x 1/4" x 1'-8 9/16"	
RF1-3	11.9/12.0	0.135	0.135	20'-0"	5 x 1/4" x 23'-4 3/16"	5 x 1/4" x 23'-5 1/8"
RF1-4	12.0/12.0	0.135	0.135	3'-5 1/8"		
RF1-3	12.0/12.0	0.135	0.135	7'-11 5/16"	5 x 1/4" x 7'-11 5/16"	5 x 1/4" x 7'-10 5/16"
RF1-4	14.0/13.9	0.188	0.188	1'-7 3/8"	5 x 1/4" x 1'-10 9/16"	5 x 1/4" x 15'-10 1/16"
	13.9/10.0	0.135	0.135	15'-7 1/16"	5 x 1/4" x 17'-2 3/8"	

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

ISSUE	APPROVAL	DATE	DWN.	CHK.	ENG.
		___/___/___	MEZ	MEZ	RTS

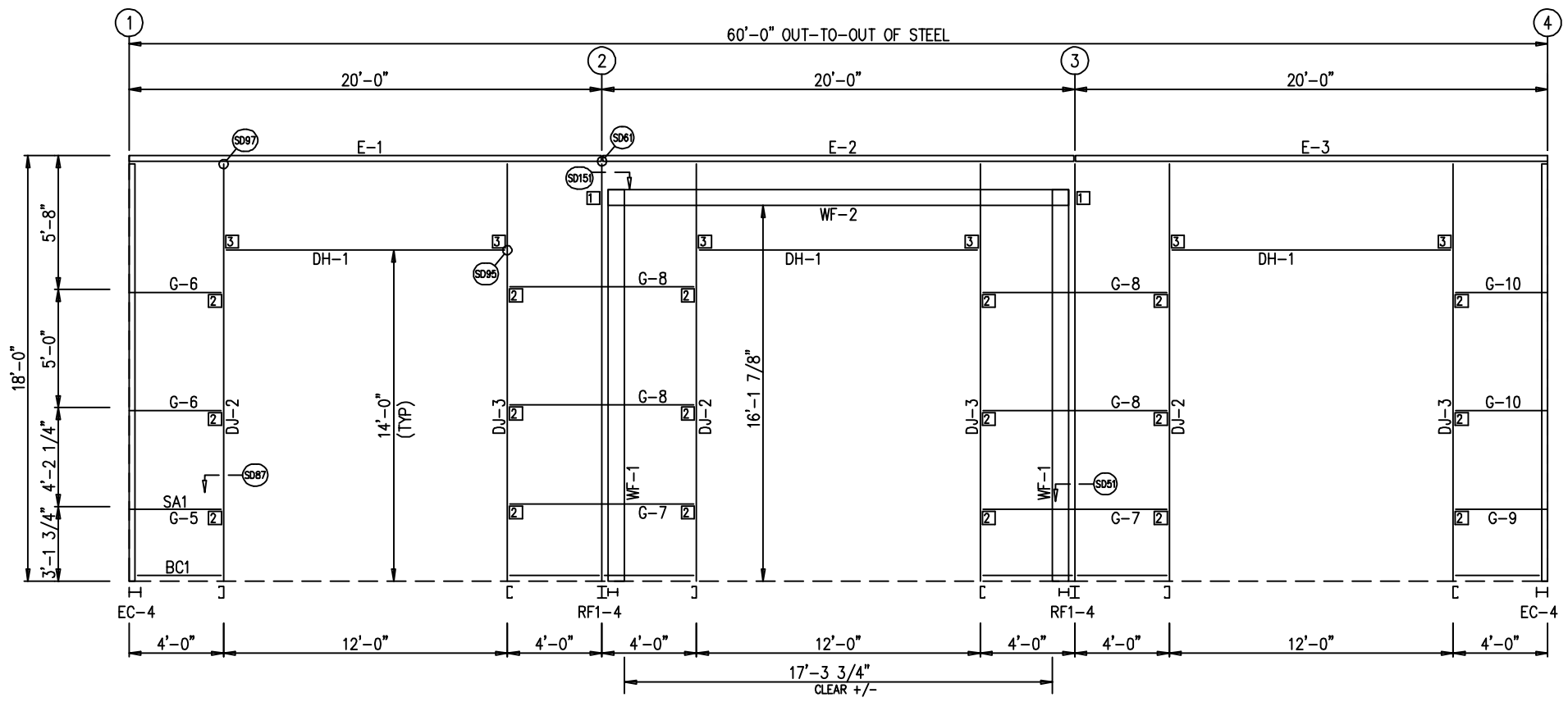


RIGID FRAME ELEVATION: FRAME LINES 2 3

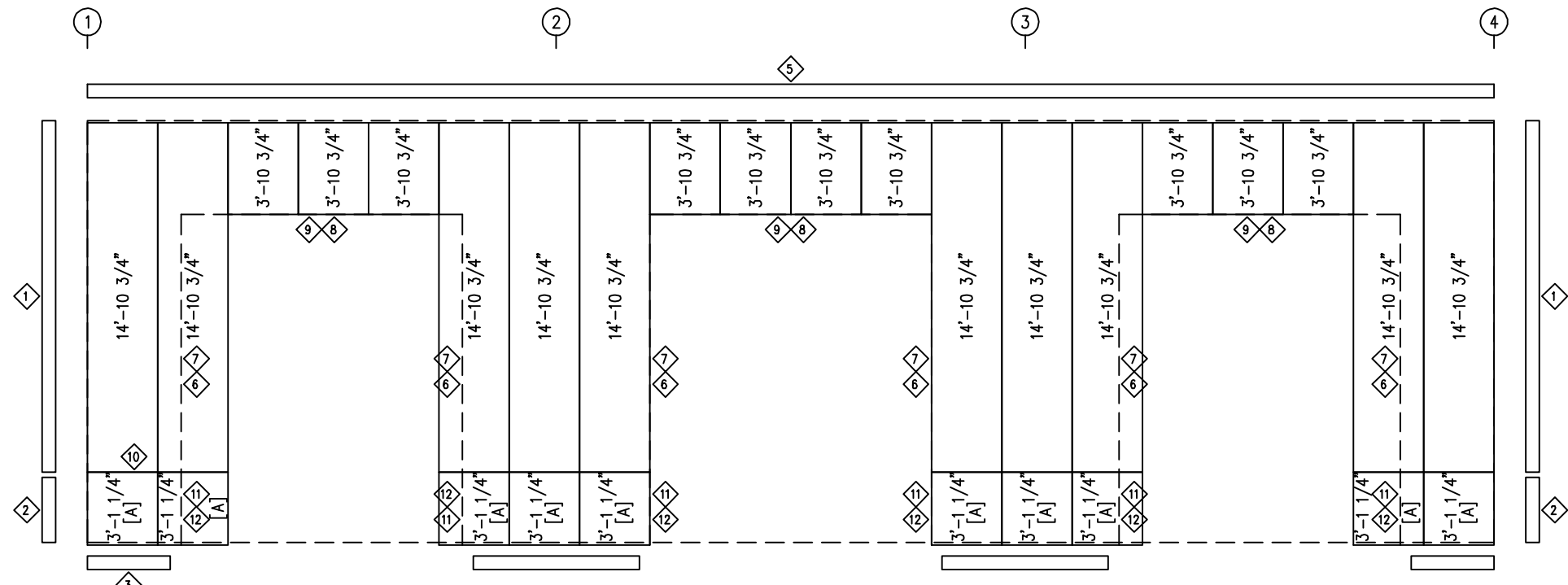
GWB
1101 3RD AVE
GRAND JUNCTION, CO 81501
PHONE: (800)-497-2135
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	N.T.S.
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	6 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	RIGID FRAME ELEVATION

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.



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 GA. PBR - RUSTIC RED
 [A] PANELS: 26 GA. PBR - POLAR WHITE

TRIM TABLE FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-502	15'-0"	TD40
2	2	FL-502	3'-0"	TD40
3	3	FL-60	10'-2"	TD75
5	6	FL-503	10'-3"	TD19
6	6	FL-55	11'-2"	TD51
7	6	FL-48	11'-2"	TD51
8	3	FL-55	12'-7"	TD52
9	3	FL-52	12'-4"	TD52
10	4	FL-237	10'-2"	TD199
11	6	FL-48	3'-2"	TD51
12	6	FL-55	3'-2"	TD51

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

MEMBER TABLE FRAME LINE A			
QUAN	MARK	PART	LENGTH
2	WF-1	W8X18	16'-10"
1	WF-2	W8X18	17'-3 1/8"
3	DJ-2	8x25C16	17'-3 3/4"
3	DJ-3	8x25C16	17'-3 3/4"
3	DH-1	8x25C16	11'-11 1/2"
1	E-1	H08E16-1	19'-11 1/2"
1	E-2	H08E16-1	19'-11 1/2"
1	E-3	H08E16-1	19'-11 1/2"
1	G-5	8X35Z16	3'-7 3/4"
2	G-6	8X25Z16	3'-7 3/4"
2	G-7	8X35Z16	7'-4"
4	G-8	8X25Z16	7'-4"
1	G-9	8X35Z16	3'-7 3/4"
2	G-10	8X25Z16	3'-7 3/4"

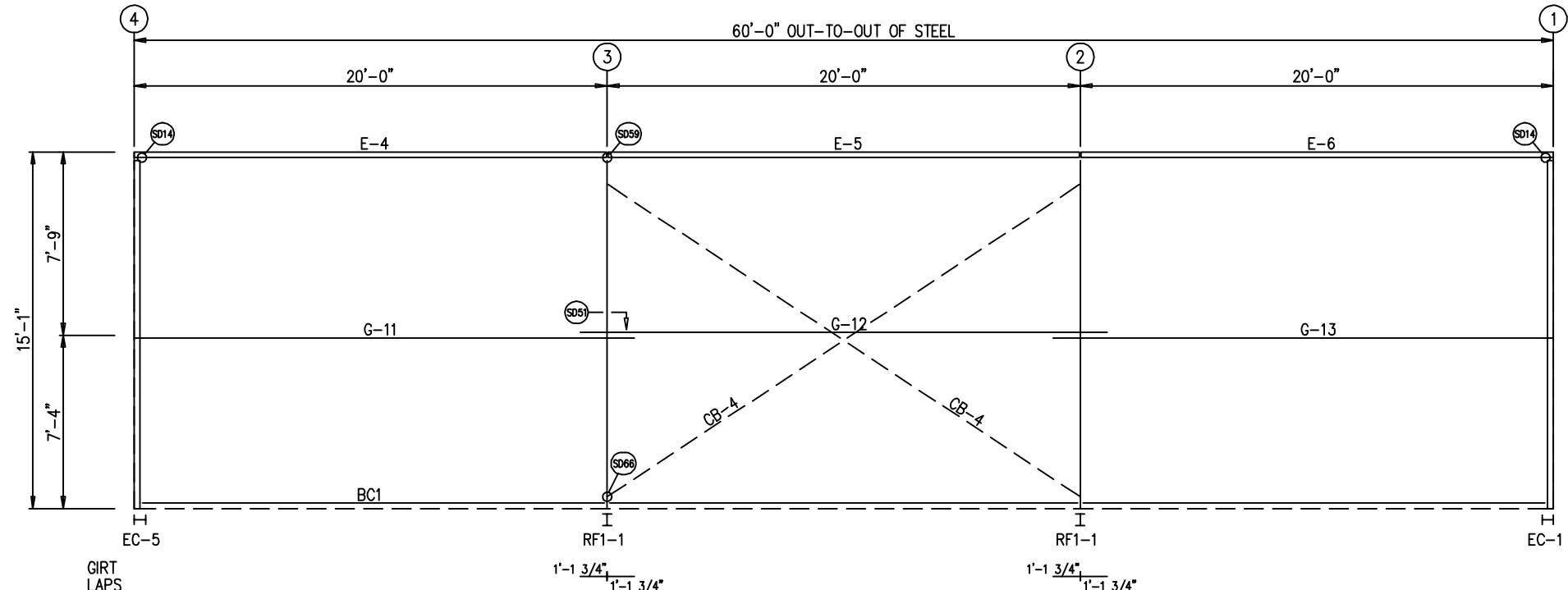
CONNECTION PLATES FRAME LINE A		
ID	QUAN	MARK
1	2	CL-210
2	18	CL-103
3	6	CL-100

DATE	ISSUE	CHK.	ENG.
___/___/___	APPROVAL		

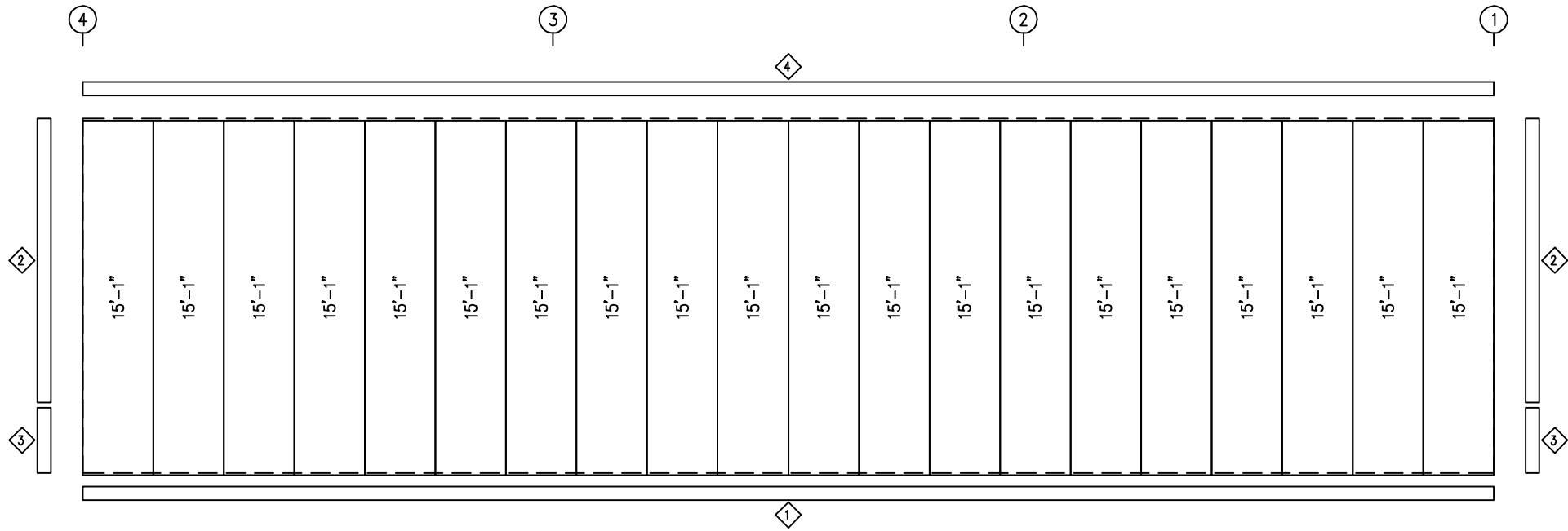
1101 3RD AVE
 GRAND JUNCTION, CO 81501
 PHONE: (800)-497-2135
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	7 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

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.



SIDEWALL FRAMING: FRAME LINE D



SIDEWALL SHEETING & TRIM: FRAME LINE D
PANELS: 26 GA. PBR - RUSTIC RED

QID	QUAN	PART	LENGTH	DETAIL
1	6	FL-60	10'-2"	TD75
2	2	FL-502	12'-1"	TD40
3	2	FL-502	3'-0"	TD40
4	6	FL-214	10'-3"	TD17

QUN	MARK	PART	LENGTH
1	E-4	L08E16-1	19'-11 1/2"
1	E-5	L08E16-1	19'-11 1/2"
1	E-6	L08E16-1	19'-11 1/2"
1	G-11	8X25Z16	21'-1 1/2"
1	G-12	8X25Z16	22'-3 1/2"
1	G-13	8X25Z16	21'-1 1/2"
2	CB-4	RD0500	24'-8"

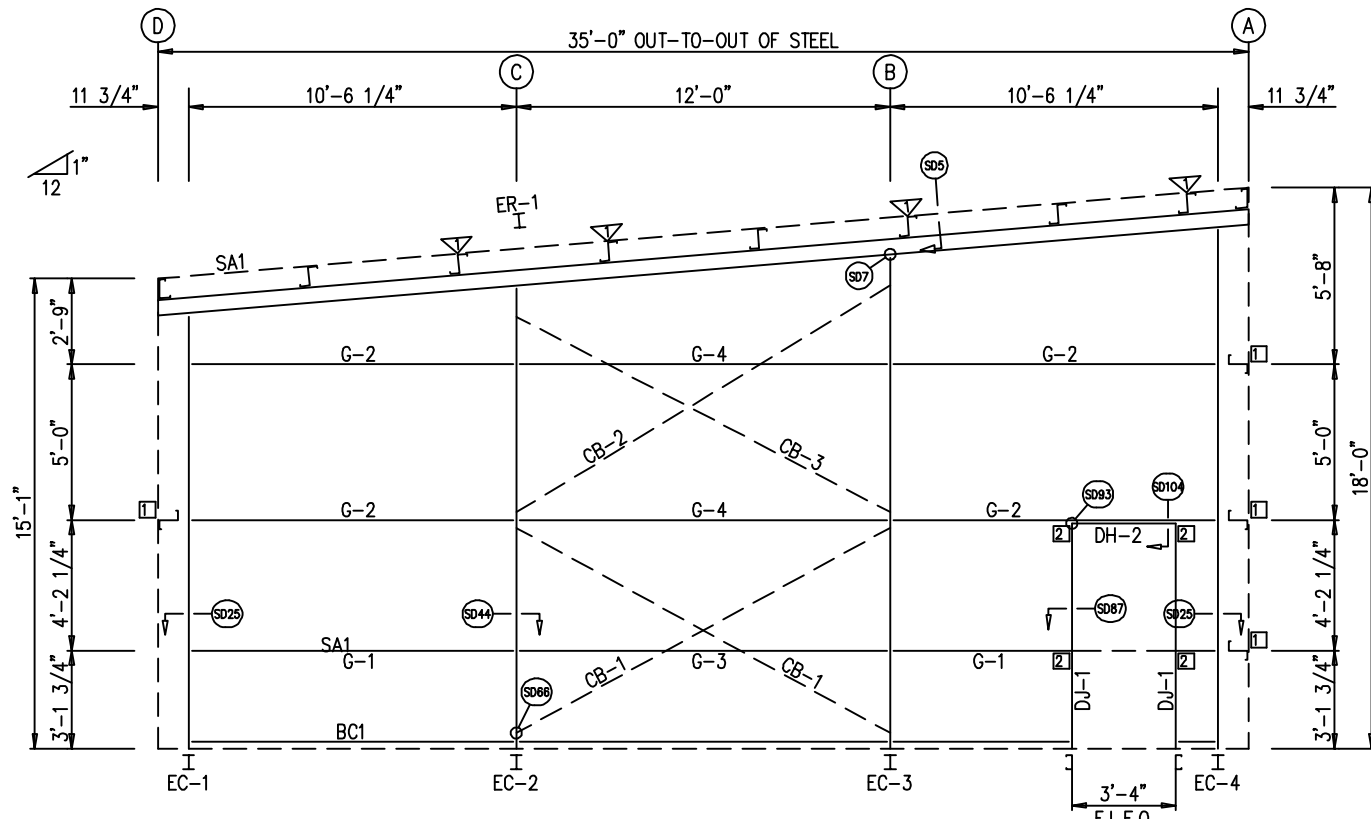
DATE	DWN.	CHK.	ENG.

ISSUE	APPROVAL

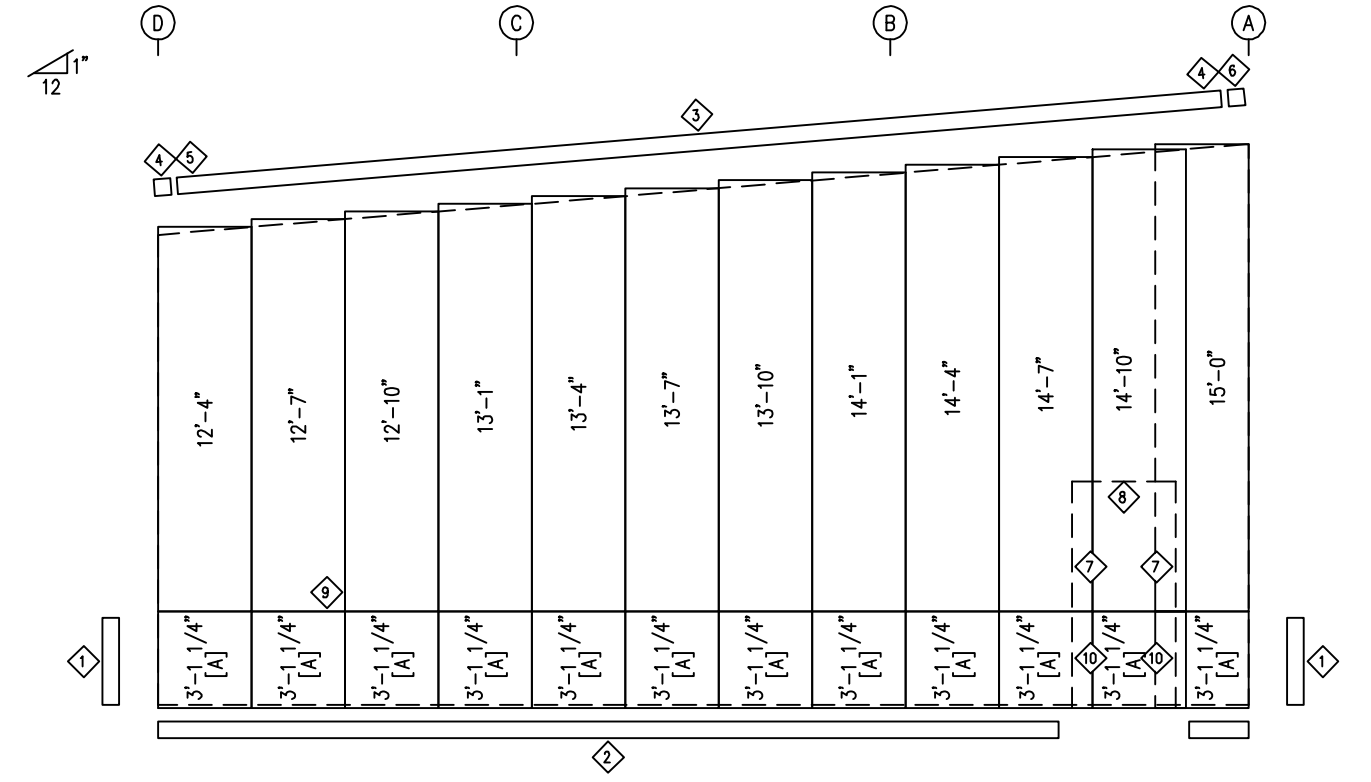
GW B
 1101 3RD AVE
 GRAND JUNCTION, CO 81501
 PHONE: (800)-497-2135
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	N.T.S.
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	8 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	SIDEWALL FRAMING & SHEETING

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.



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



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 GA. PBR - RUSTIC RED
[A] PANELS: 26 GA. PBR - POLAR WHITE

TRIM TABLE
FRAME LINE 1

ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-502	3'-0"	TD40
2	4	FL-60	10'-2"	TD75
3	4	FL-15	9'-2"	TD36
4	2	FL-601B	7 3/4"	TD85
5	1	FL-600L	5 5/8"	TD12
6	1	FL-600R	5 5/8"	TD12
7	2	FL-48	4'-4"	TD51
8	1	FL-52	3'-8"	TD52
9	4	FL-237	10'-2"	TD199
10	2	FL-48	3'-2"	TD51

BOLT TABLE
FRAME LINE 1

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

MEMBER TABLE
FRAME LINE 1

QUAN	MARK	PART	LENGTH
1	EC-1	W8X10	13'-9 1/16"
1	EC-2	W8X10	14'-7 9/16"
1	EC-3	W8X10	15'-7 9/16"
1	EC-4	W8X10	16'-6 1/16"
1	ER-1	W8X10	35'-0 15/16"
1	DH-2	GH-1	3'-4"
2	DJ-1	8X25C16	7'-0"
2	G-1	8X35Z16	9'-10 1/4"
4	G-2	8X25Z16	9'-10 1/4"
1	G-3	8X35Z16	11'-4"
2	G-4	8X25Z16	11'-4"
2	CB-1	RD0500	14'-0 3/4"
1	CB-2	RD0500	14'-6 1/4"
1	CB-3	RD0500	14'-0 1/2"

CONNECTION PLATES
FRAME LINE 1

ID	QUAN	MARK
1	4	CL-5
2	4	CL-103

FLANGE BRACE TABLE
FRAME LINE 1

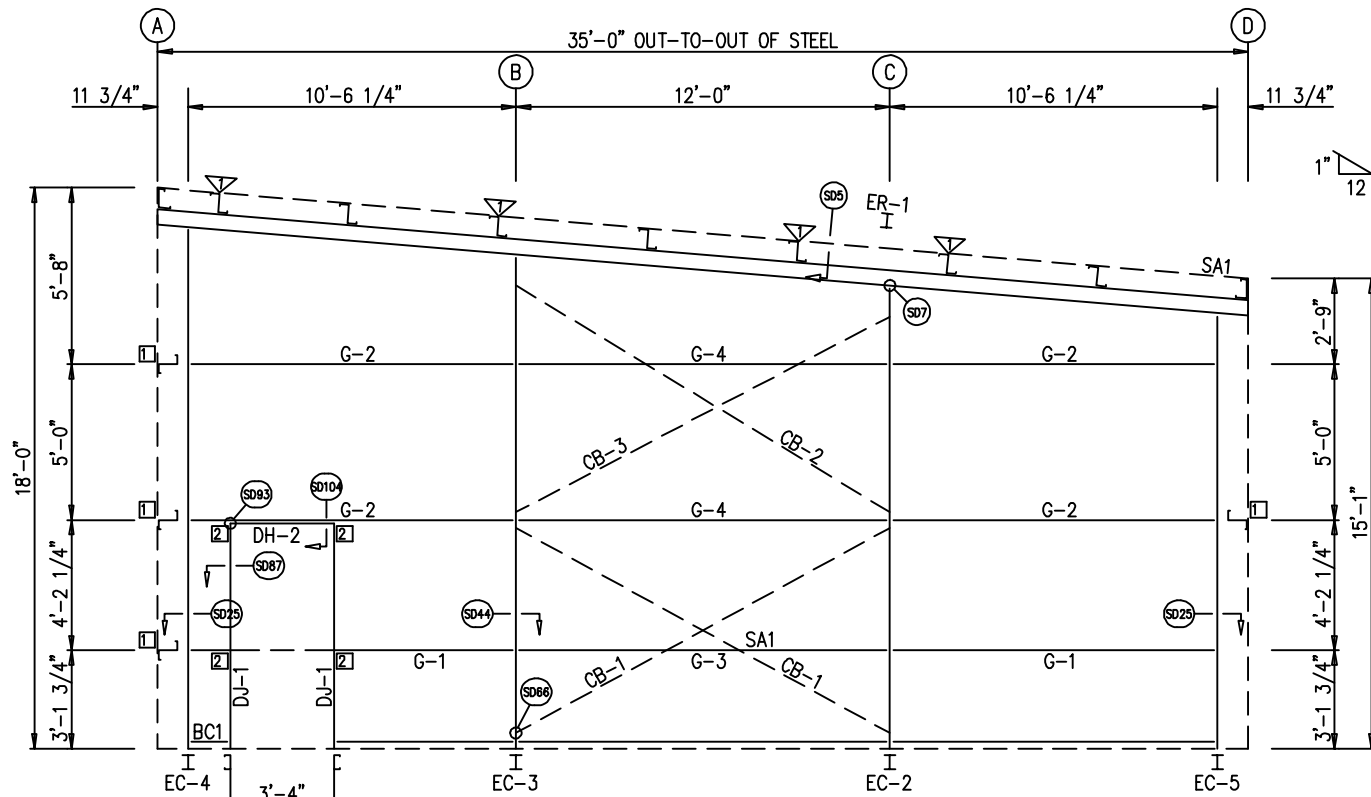
ID	QUAN	MARK
1	4	FB29.3

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	___/___/___			

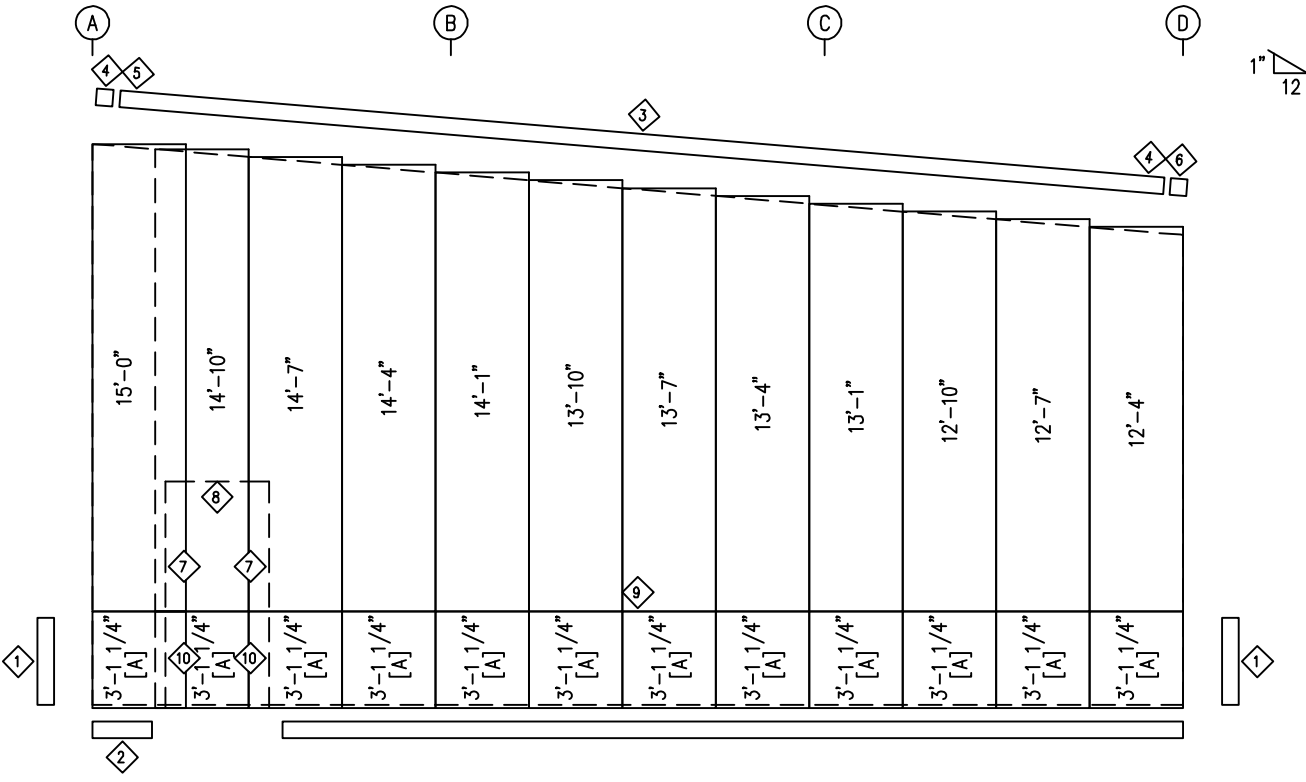
1101 3RD AVE
GRAND JUNCTION, CO 81501
PHONE: (800)-497-2135
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	9 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	ENDWALL FRAMING & SHEETING

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.



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



ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 GA. PBR - RUSTIC RED
[A] PANELS: 26 GA. PBR - POLAR WHITE

TRIM TABLE
FRAME LINE 4

ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-502	3'-0"	TD40
2	3	FL-60	10'-2"	TD75
3	4	FL-15	9'-2"	TD36
4	2	FL-601B	7 3/4"	TD85
5	1	FL-600L	5 5/8"	TD12
6	1	FL-600R	5 5/8"	TD12
7	2	FL-48	4'-4"	TD51
8	1	FL-52	3'-8"	TD52
9	4	FL-237	10'-2"	TD199
10	2	FL-48	3'-2"	TD51

BOLT TABLE
FRAME LINE 4

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

MEMBER TABLE
FRAME LINE 4

QUAN	MARK	PART	LENGTH
1	EC-2	W8X10	14'-7 9/16"
1	EC-3	W8X10	15'-7 9/16"
1	EC-4	W8X10	16'-6 1/16"
1	EC-5	W8X10	13'-9 1/16"
1	ER-1	W8X10	35'-0 15/16"
1	DH-2	GH-1	3'-4"
2	DJ-1	8X25C16	7'-0"
2	G-1	8X35Z16	9'-10 1/4"
4	G-2	8X25Z16	9'-10 1/4"
1	G-3	8X35Z16	11'-4"
2	G-4	8X25Z16	11'-4"
2	CB-1	RD0500	14'-0 3/4"
1	CB-2	RD0500	14'-6 1/4"
1	CB-3	RD0500	14'-0 1/2"

CONNECTION PLATES
FRAME LINE 4

ID	QUAN	MARK
1	4	CL-5
2	4	CL-103

FLANGE BRACE TABLE
FRAME LINE 4

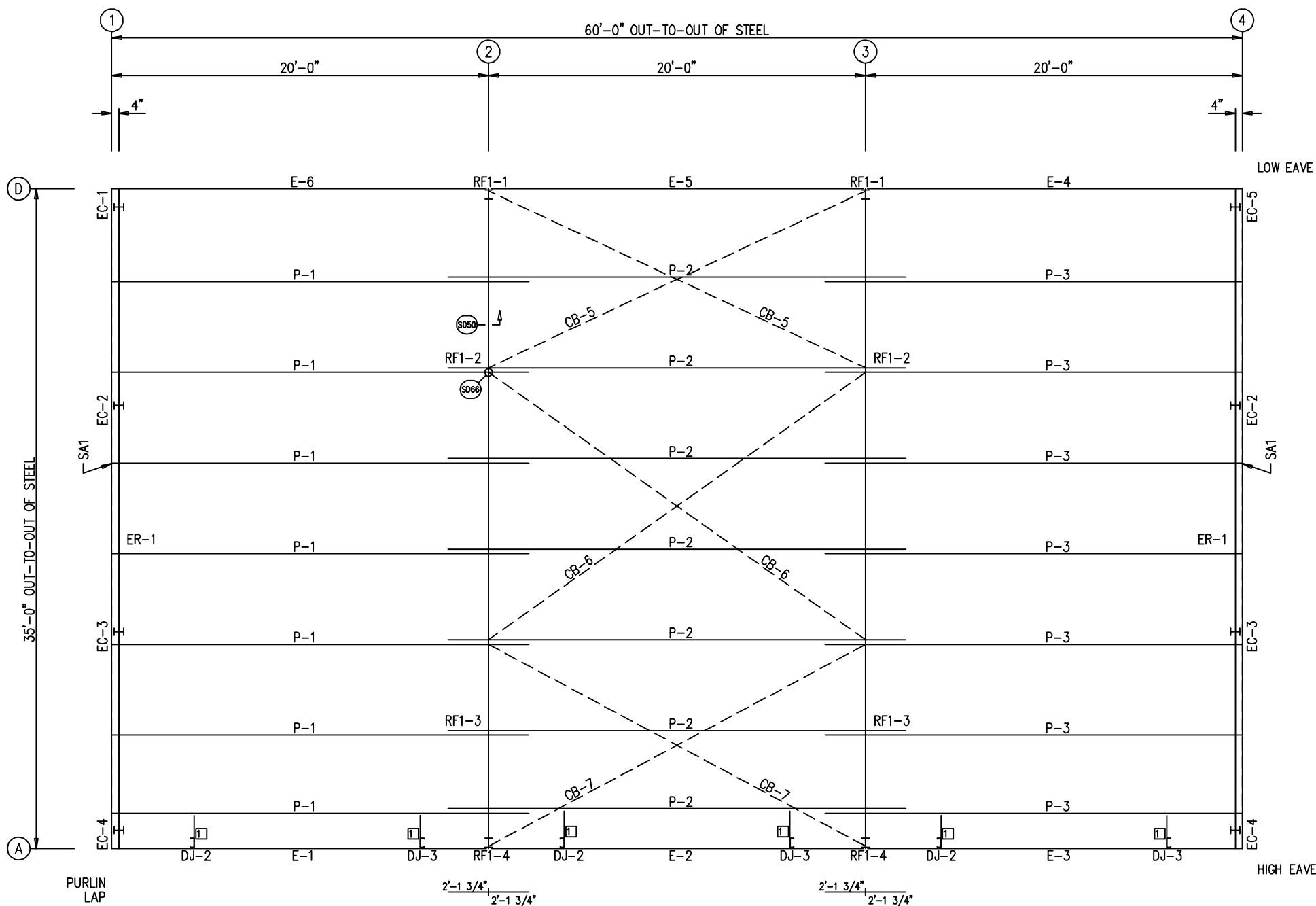
ID	QUAN	MARK
1	4	FB29.3

ISSUE	APPROVAL	DATE	DWN.	CHK.	ENG.
		1/1/24			

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

CUSTOMER NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	10 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	ENDWALL FRAMING & SHEETING

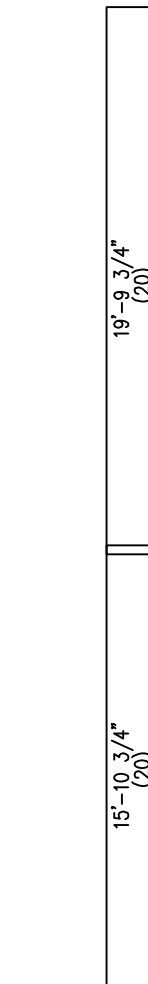
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT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



ROOF FRAMING PLAN

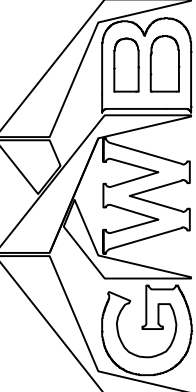
MEMBER TABLE ROOF PLAN				DATE	CHK.	ENG.
QUAN	MARK	PART	LENGTH	DWN.	MEZ.	RTS.
7	P-1	8X25Z14	22'-1 1/2"			
7	P-2	8X25Z16	24'-3 1/2"			
7	P-3	8X25Z14	22'-1 1/2"			
1	E-1	H08E16-1	19'-11 1/2"			
1	E-2	H08E16-1	19'-11 1/2"			
1	E-3	H08E16-1	19'-11 1/2"			
1	E-4	L08E16-1	19'-11 1/2"			
1	E-5	L08E16-1	19'-11 1/2"			
1	E-6	L08E16-1	19'-11 1/2"			
2	CB-5	RD0500	21'-7 1/2"			
2	CB-6	RD0500	24'-6 1/4"			
2	CB-7	RD0500	22'-0 1/2"			

CONNECTION PLATES ROOF PLAN		
ID	QUAN	MARK
1	6	JB-1



ROOF SHEETING
PANELS: 26 GA. PBR POLAR WHITE

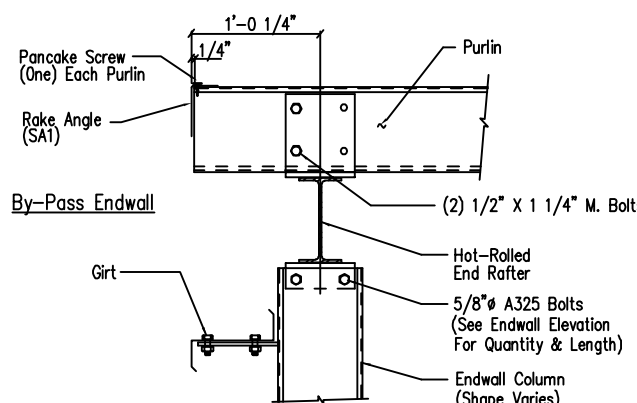
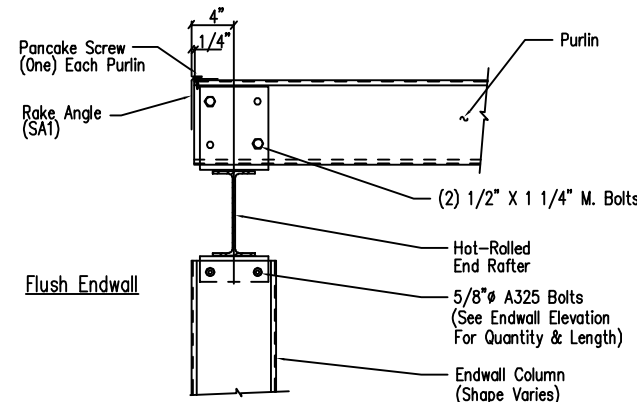
ISSUE	APPROVAL	DATE	DWN.	CHK.	ENG.



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

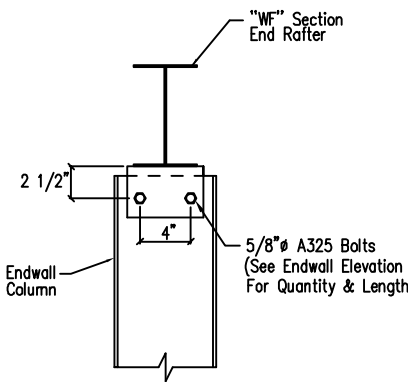
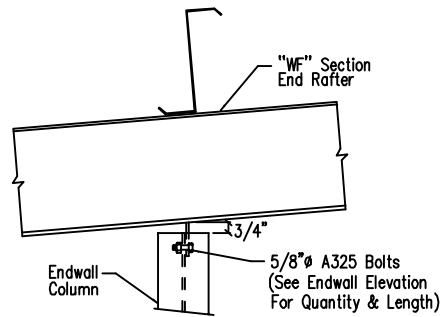
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	11 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	ROOF FRAMING & SHEETING PLAN

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.



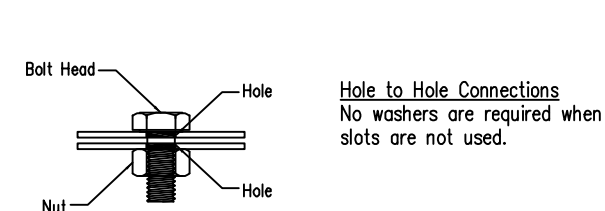
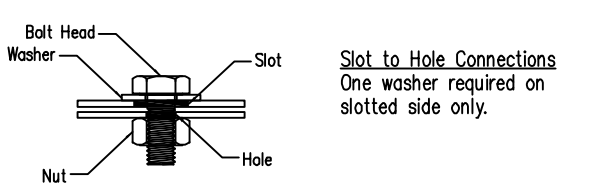
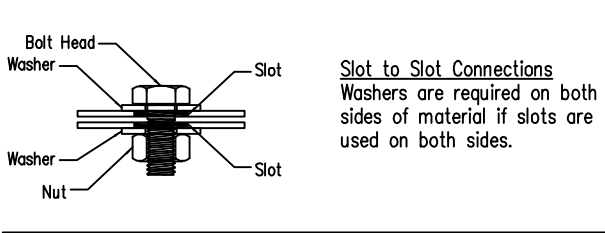
Section Thru Rake w/ Hot Rolled Rafter

DRAWING NO. SD5



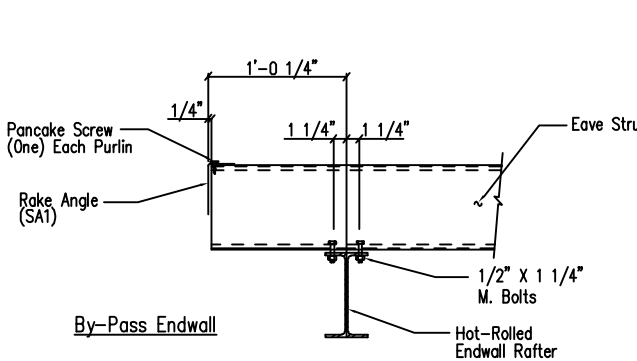
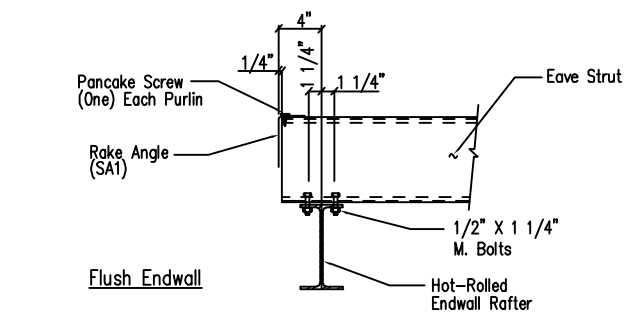
Hot Rolled Column to Hot Rolled Rafter

DRAWING NO. SD7



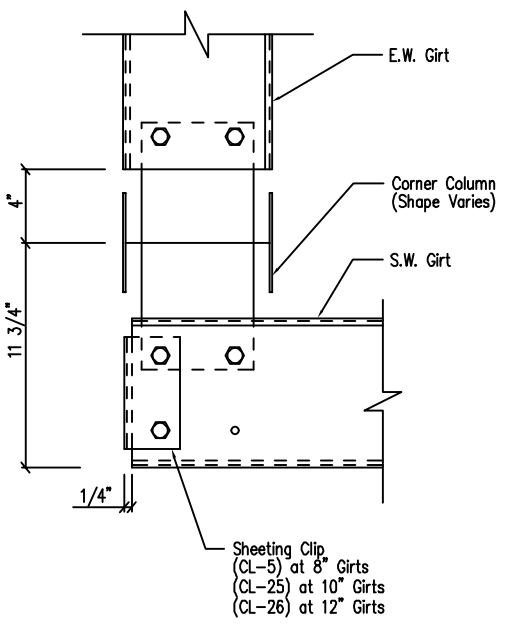
Typical Washer Requirements

DRAWING NO. SD11



Eave Strut to Hot Rolled Rafter Connection

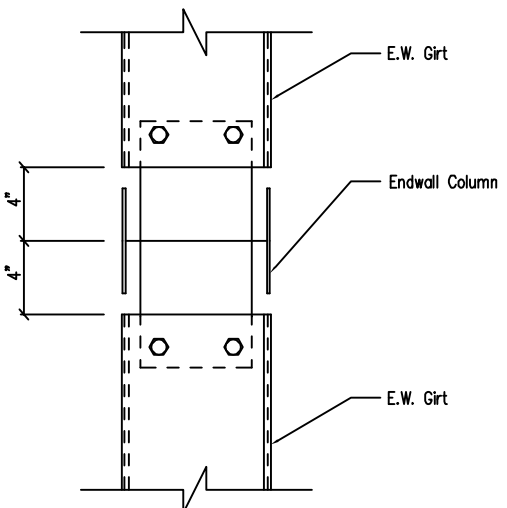
DRAWING NO. SD14



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

Section at Hot Rolled Corner Column

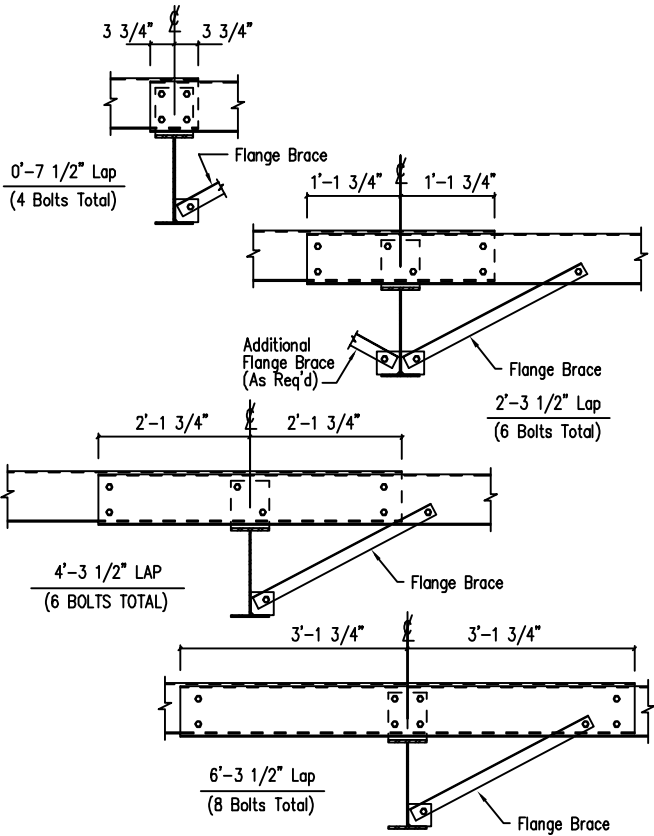
DRAWING NO. SD25



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

Girt to Hot Rolled Endwall Column Connection

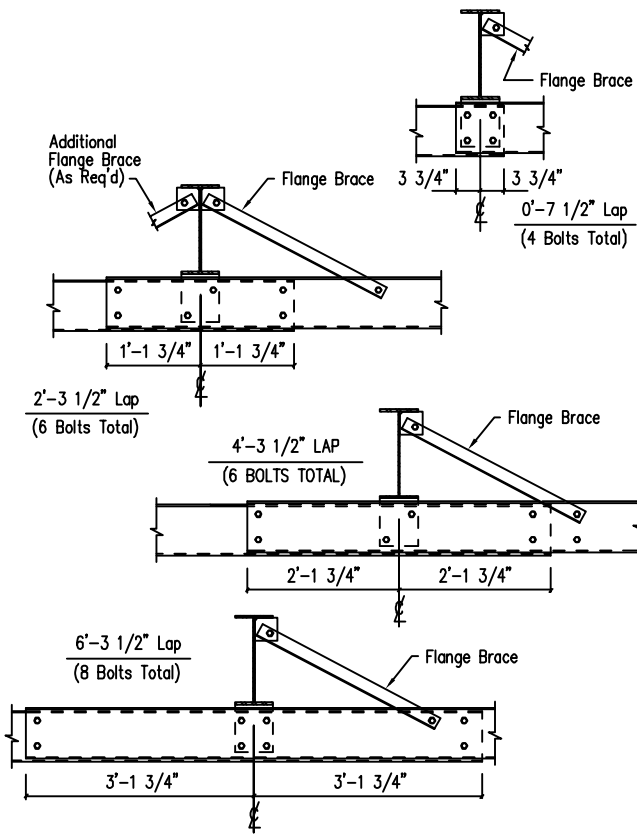
DRAWING NO. SD44



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

Interior Bay Purlin Framing

DRAWING NO. SD50



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

Interior Bay Girt Framing

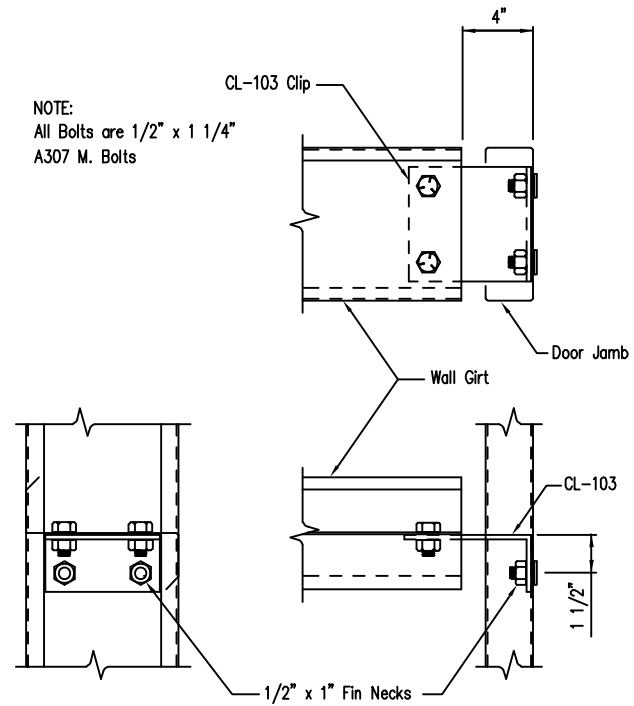
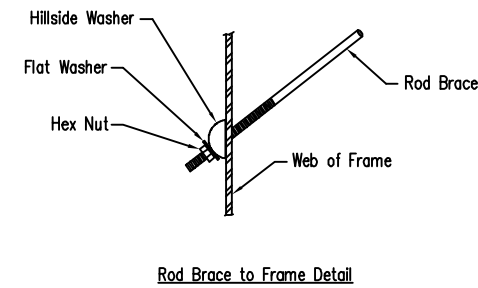
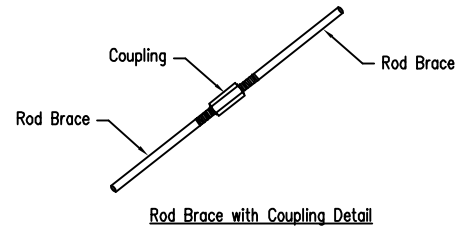
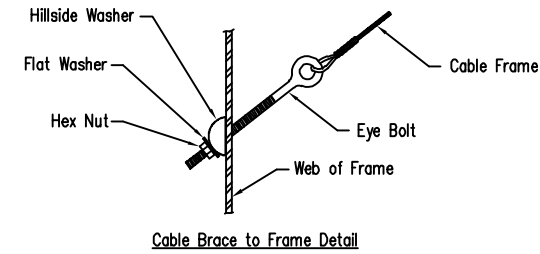
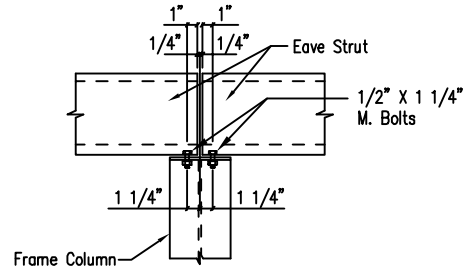
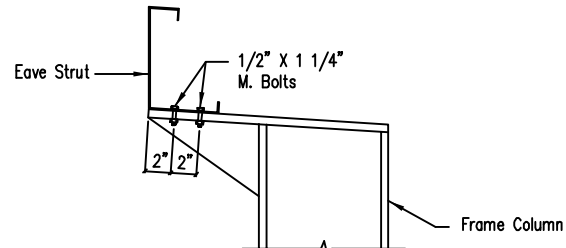
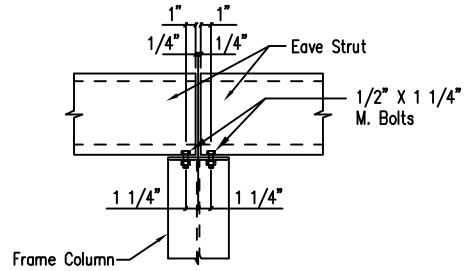
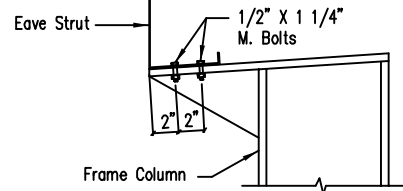
DRAWING NO. SD51

DATE	ISSUE	DWN.	CHK.	ENG.
11/14	APPROVAL			

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

CUSTOMER NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	12 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	DETAIL DRAWINGS

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



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.

DATE	ISSUE	CHK.	ENG.
11/14/10	APPROVAL	MEZ	RTS



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

Eave Strut at Interior Column
By-Pass Sidewall

DRAWING NO.
SD59

Eave Strut at High Side Column
By-Pass Sidewall

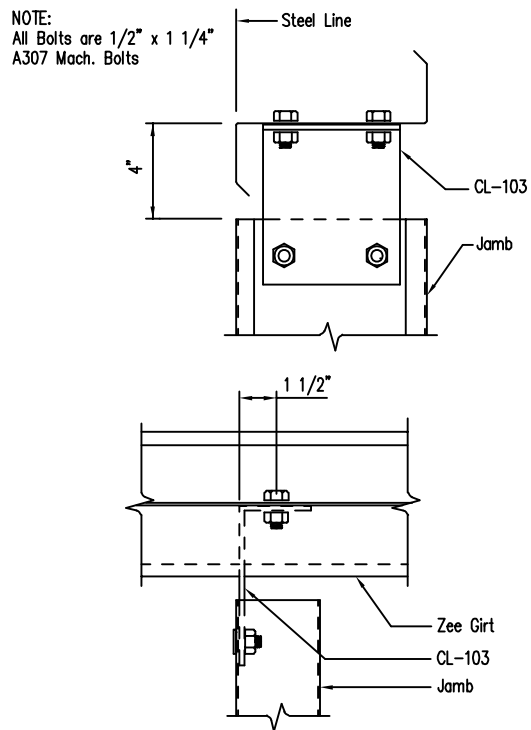
DRAWING NO.
SD61

Cable or Rod Brace to Frame Connection

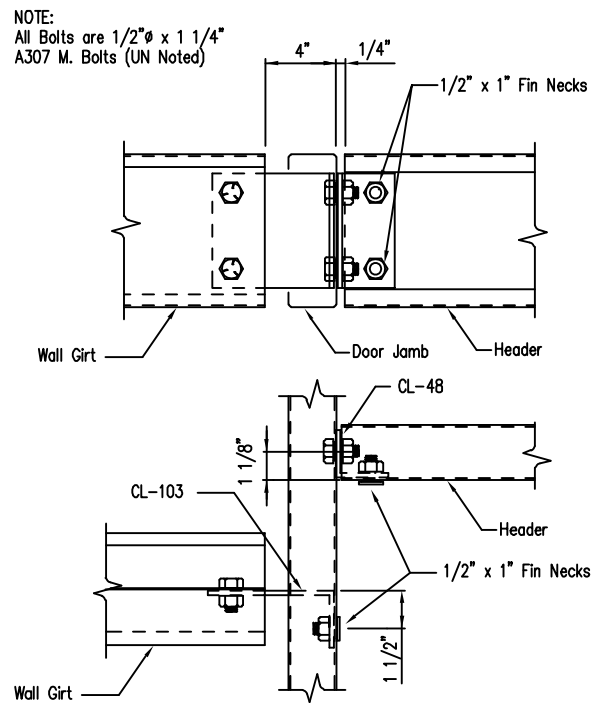
DRAWING NO.
SD66

Girt to Jamb (Bolted Clips)

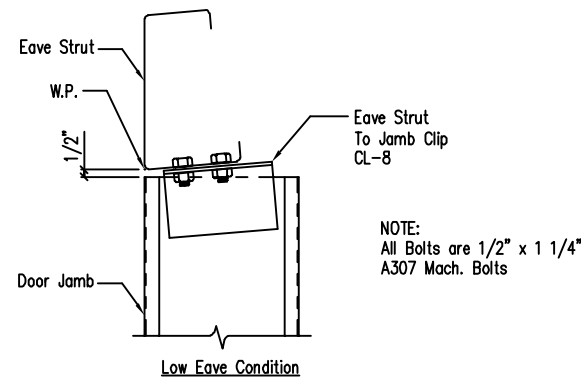
DRAWING NO.
SD87



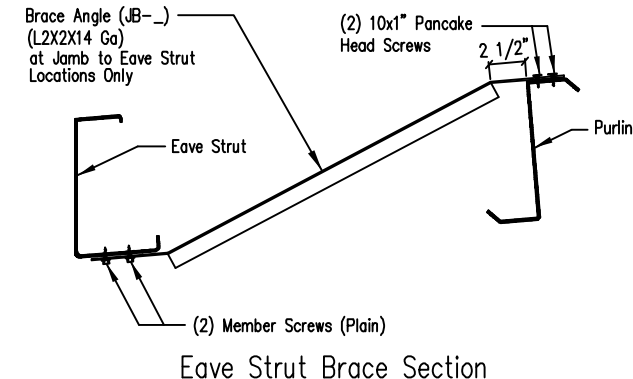
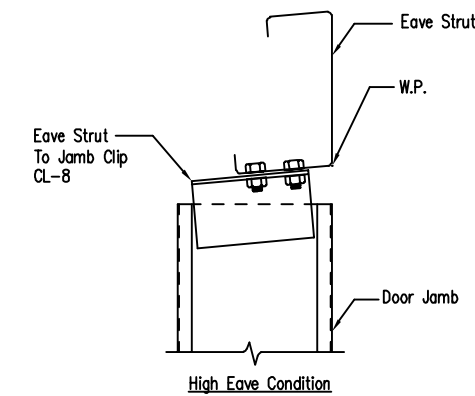
ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE LEFT OF THE INTENDED JAMB LINE, THE CLIP(S) IN REFERENCE ARE TOED LEFT. IF RIGHT OF THE JAMB LINE, THEN TOED RIGHT. THE DRAWINGS ABOVE ARE TOED LEFT FOR REFERENCE.



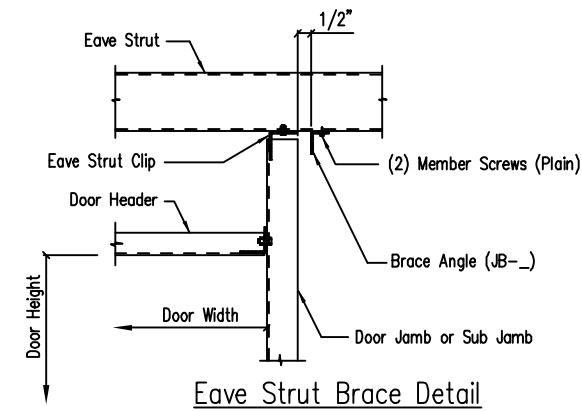
ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP. THE DRAWINGS ABOVE ARE TOED DOWN FOR REFERENCE.



NOTE: All Bolts are 1/2\"/>



Eave Strut Brace Section



Eave Strut Brace Detail

Jamb to Girt

DRAWING NO.
SD93

Girt/Header to Jamb

DRAWING NO.
SD95

Jamb To Eave Strut
2:12 Roof Pitch and Higher

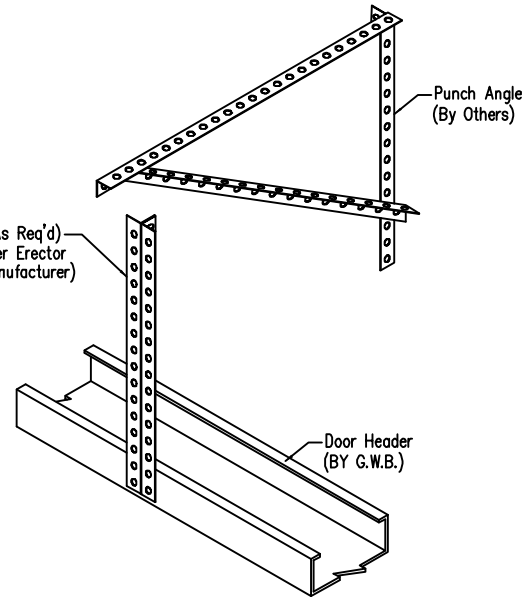
DRAWING NO.
SD97

Framed Opening Jamb Brace Angle Detail

DRAWING NO.
SD99

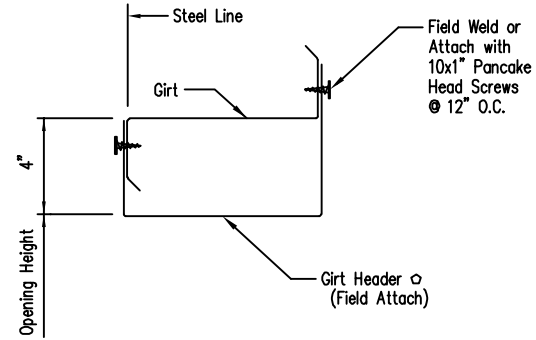
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	13 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	DETAIL DRAWINGS

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



ERECTOR NOTE: ALL MATERIAL BY OTHERS (U.N.)
FIELD FABRICATE & ASSEMBLE AS REQ'D.
CONNECTION TO MEMBER ABOVE SIMILAR TO HEADER CONNECTION.

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

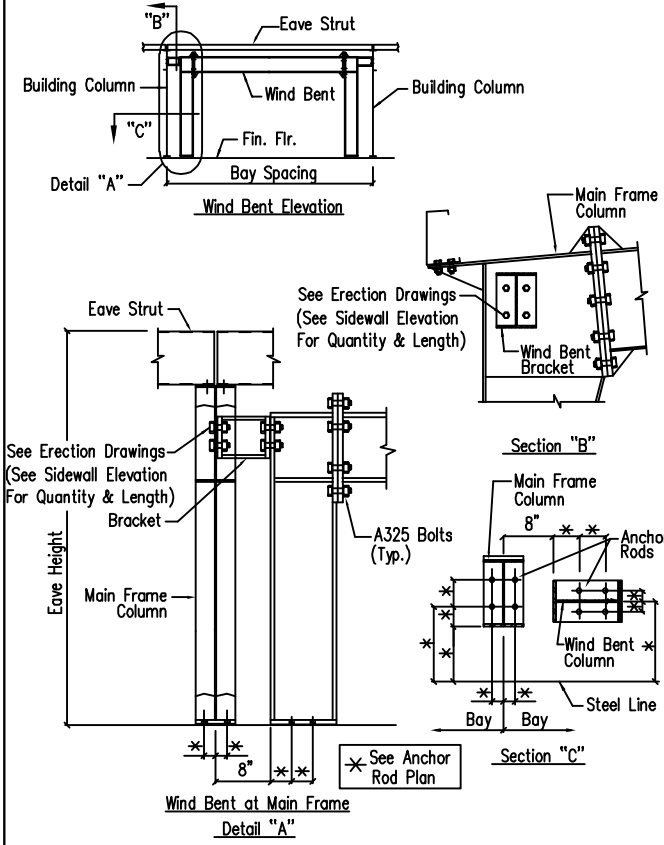


Overhead Door Torsion Bar Bearing Connection

DRAWING NO.
SD101

Framed Opening w/ Girt Header

DRAWING NO.
SD104



Flush Wind Bent

DRAWING NO.
SD151

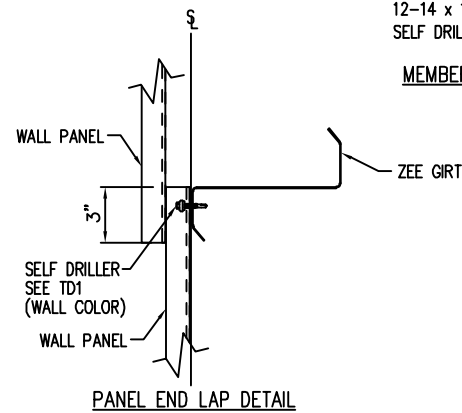
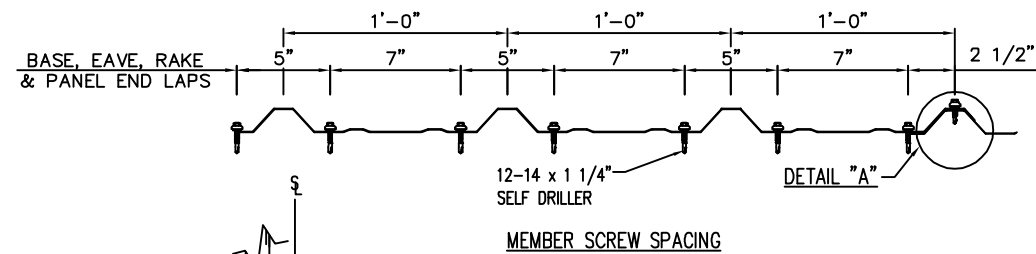
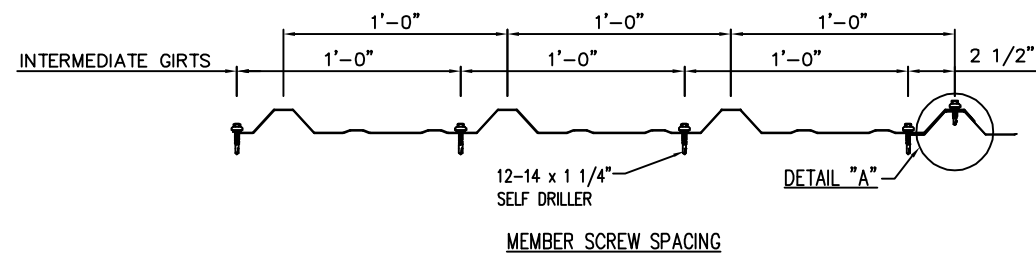
DATE	DWN.	CHK.	ENG.
—/—/—			
	MEZ	MEZ	RTS



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

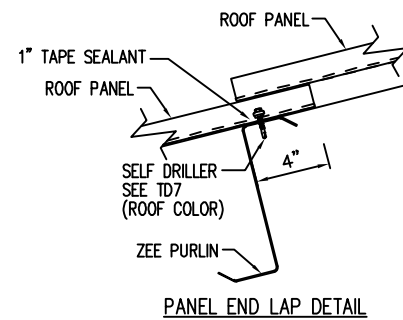
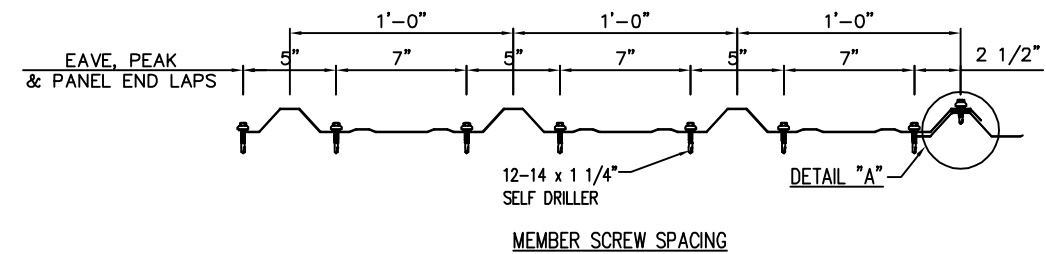
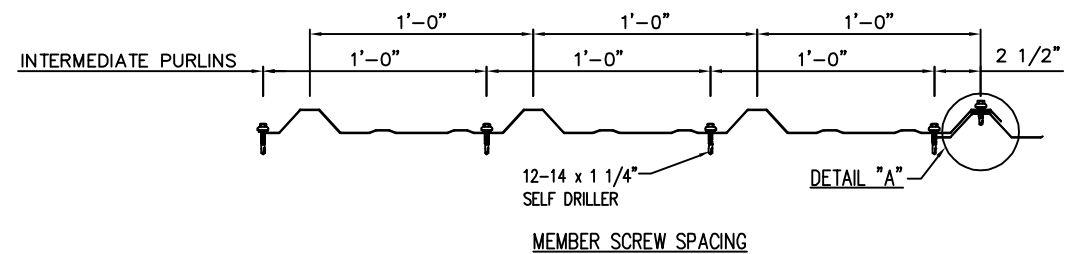
CUSTOMER NAME:	
PROJECT NAME:	
PROJECT LOCATION:	
PROJECT COUNTY:	
PROJECT END USE:	
CUSTOMER PHONE NUMBER:	
CUSTOMER EMAIL:	
SCALE:	N.T.S.
SHEET NUMBER:	14 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	DETAIL DRAWINGS

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



Fastener Location at Wall - PBR

DRAWING NO.
TD1

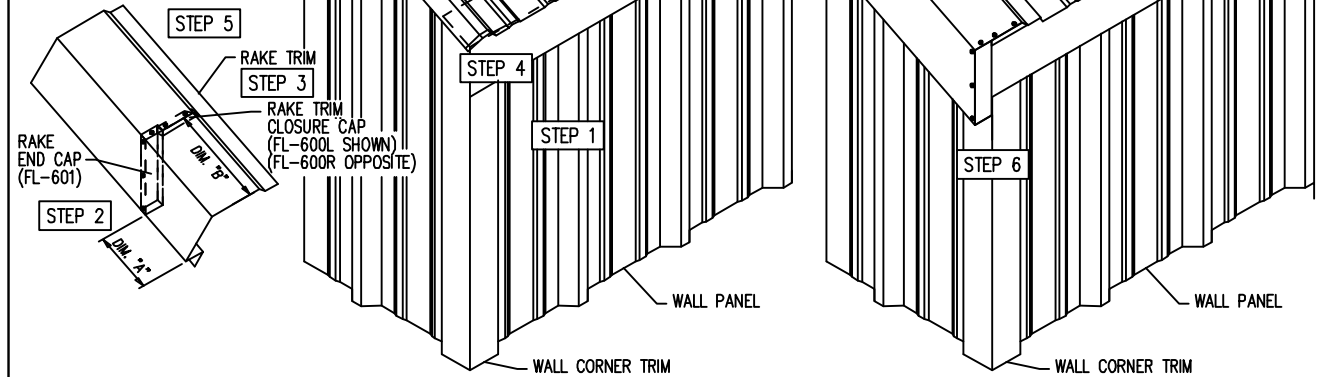


Fastener Location at Roof - PBR

DRAWING NO.
TD7

Created On: 08/13/18

Slope	Dim. "A"	Dim. "B"
1 : 12	3/16"	3/4"
2 : 12	3/8"	1 1/2"
3 : 12	9/16"	2 1/4"
4 : 12	3/4"	3"
5 : 12	15/16"	3 3/4"
6 : 12	1 1/8"	4 1/2"
7 : 12	1 5/16"	5 1/4"
8 : 12	1 1/2"	6"
9 : 12	1 11/16"	6 3/4"
10 : 12	1 7/8"	7 1/2"
11 : 12	2 1/16"	8 1/4"
12 : 12	2 1/4"	9"

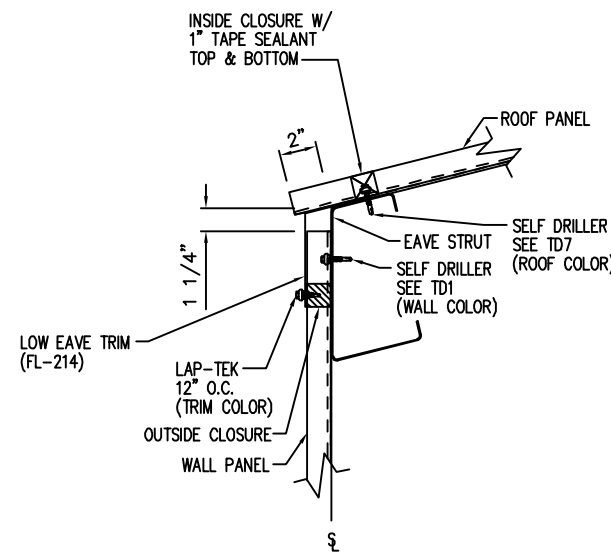


- STEP 1** INSTALL FLAT EAVE TRIM IN BETWEEN THE ROOF PANEL AND LOW EAVE MEMBER. BE SURE THE END OF THE FLAT EAVE TRIM IS FLUSH WITH THE WALL CORNER TRIM.
- STEP 2** INSTALL RAKE END CAP (FL-601), INTO RAKE TRIM USING (5) POP RIVETS. USE CHART TO DETERMINE HOW FAR THE RAKE END CAP IS POSITIONED INTO THE RAKE TRIM. WITH DIM. "A" BEING THE BOTTOM FACE OF THE RAKE TRIM & DIM. "B" BEING THE TOP FACE OF THE RAKE TRIM.
- STEP 3** INSTALL RAKE TRIM CLOSURE CAP (FL-600L/R), FLUSH WITH THE RAKE END CAP USING (3) POP RIVETS.
- STEP 4** FIELD CUT/NOTCH THE END OF THE ROOF PANEL BACK 1". THIS IS TO ALLOW THE RAKE TRIM CLOSURE CAP FROM HITTING THE ROOF PANEL.
- STEP 5** INSTALL RAKE TRIM. BE SURE THE BOTTOM END OF THE RAKE TRIM, THAT ATTACHES TO THE HIGH RIBS OF THE WALL PANEL, IS FLUSH WITH THE WALL CORNER TRIM.
- STEP 6** FIELD CUT/NOTCH THE FACE OF THE RAKE TRIM TO BE FLUSH WITH THE WALL CORNER TRIM. BE SURE WHEN CUTTING/NOTCHING THE TOP OF THE RAKE TRIM, THAT SITS ON TOP OF THE ROOF PANEL, SHOULD BE LINED UP WITH THE END OF THE ROOF PANEL.

Flat Eave Corner Trim Installation - PBR

DRAWING NO.
TD12

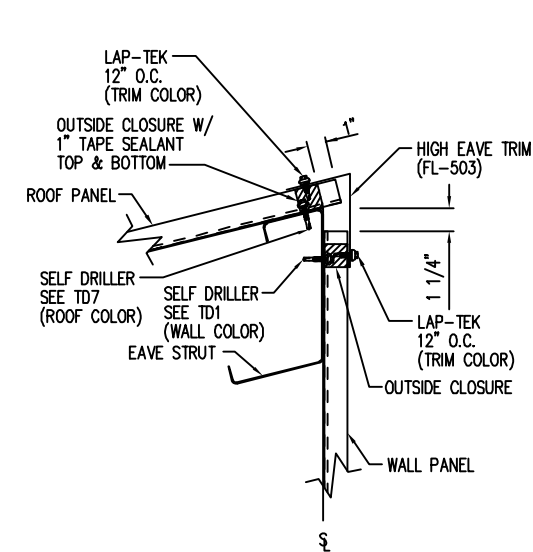
Created On: 08/13/18



Low Eave Detail - PBR
Simple Eave - Sheeted Wall

DRAWING NO.
TD17

Created On: 08/13/18



High Eave Detail - PBR
Simple Eave - Sheeted Wall

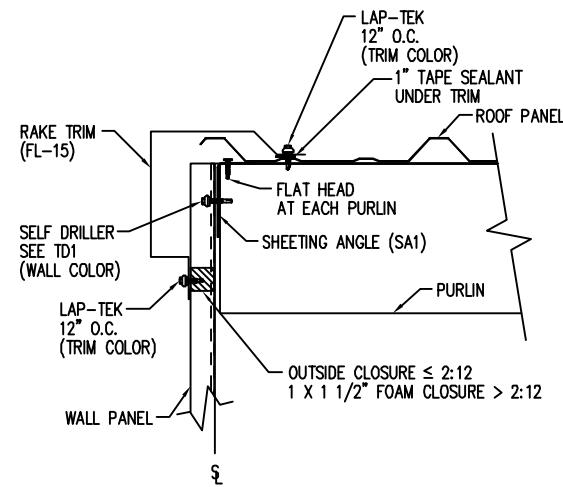
DRAWING NO.
TD19

DATE	DWN.	CHK.	ENG.
11/14/18			

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:	15 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	DETAIL DRAWINGS

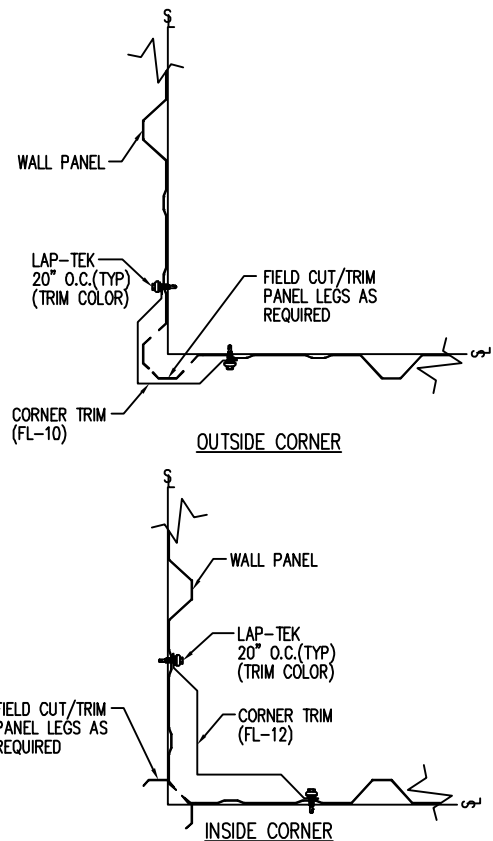
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT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



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

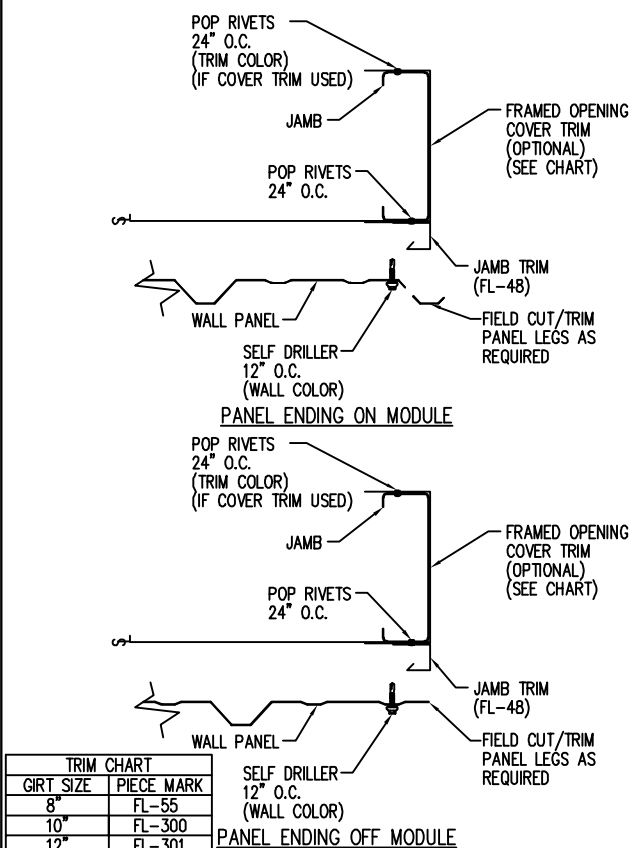
Rake Detail - PBR
Box Rake - Sheeted Wall

DRAWING NO.
TD36



Section at Corner Detail - PBR

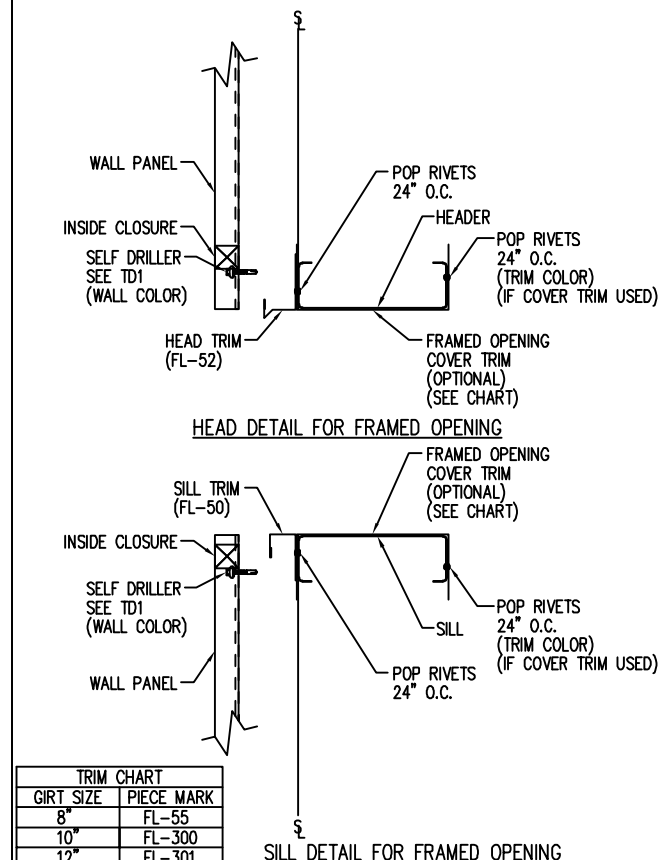
DRAWING NO.
TD40



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

Framed Opening Jamb Detail - PBR

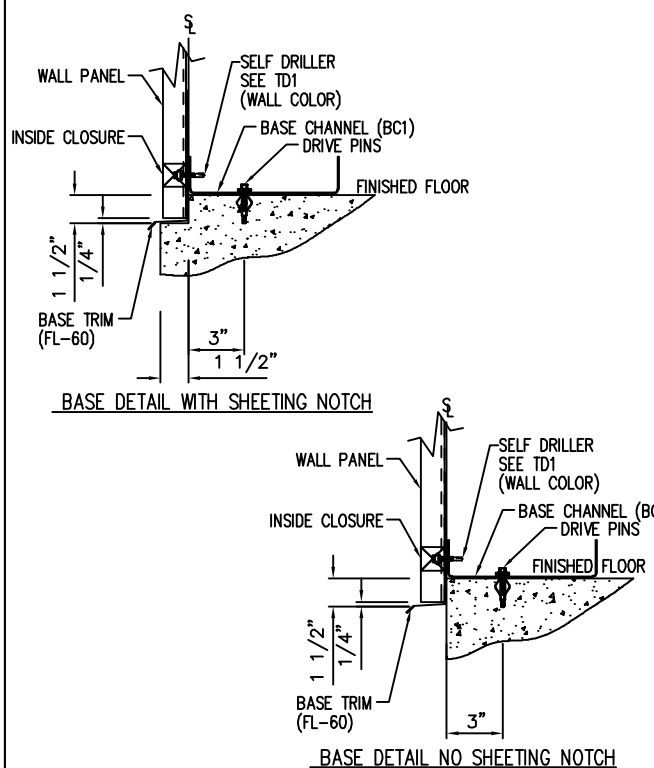
DRAWING NO.
TD51



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

Framed Opening Head and Sill Details - PBR

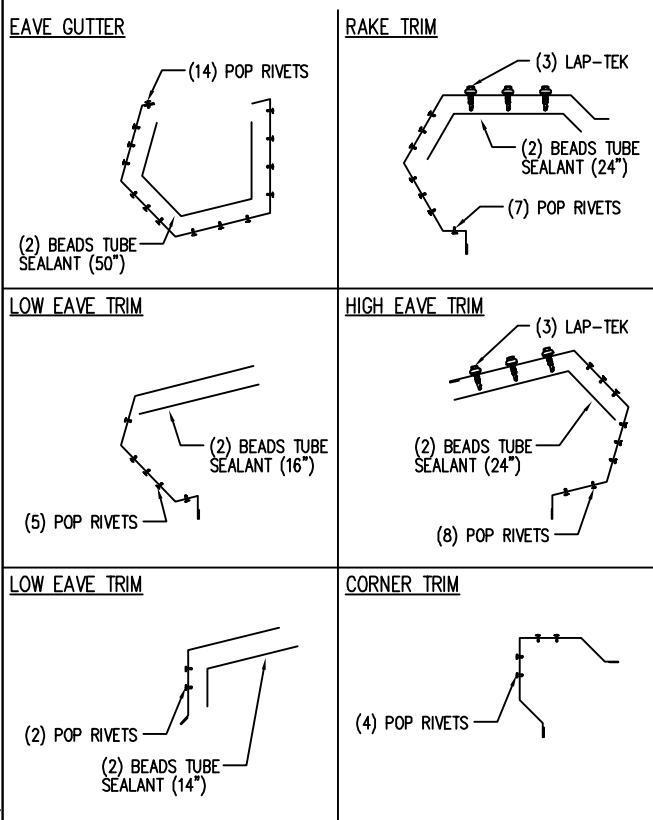
DRAWING NO.
TD52



NOTE: IF INSULATION IS REQUIRED INSTALL TRIM FIRST.
NOTE: A MINIMUM OF 1/4" SPACE SHOULD BE ALLOWED FROM THE SHEET END TO ANY SURFACE
NOTE: USE POWER DRIVEN FASTENERS SUCH AS RAMSET (OR EQUAL), 0.140" STRAIGHT SHANK W 1 1/4" PENETRATION AND MIN. ALLOWABLE SHEAR OF 220# (2'-0" O.C.)(NOT BY GWB)

Base Channel w/Trim Details

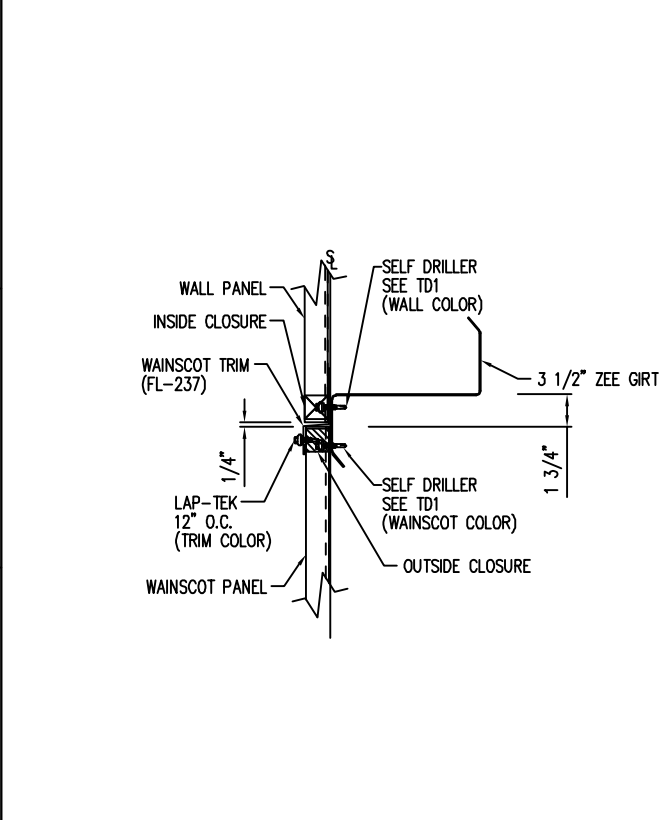
DRAWING NO.
TD75



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

Trim Laps - PBR Sculptured

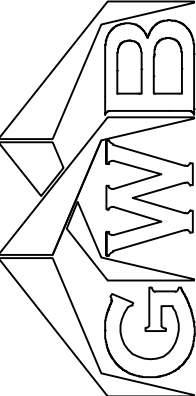
DRAWING NO.
TD85



Wainscot with Panel Break - PBR

DRAWING NO.
TD199

DATE	ISSUE	APPROVAL	DWN.	CHK.	ENG.
1/1/21	MEZ	RTS			



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:	16 OF 16
JOB NUMBER:	94912-87203
SHEET TITLE:	DETAIL DRAWINGS

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