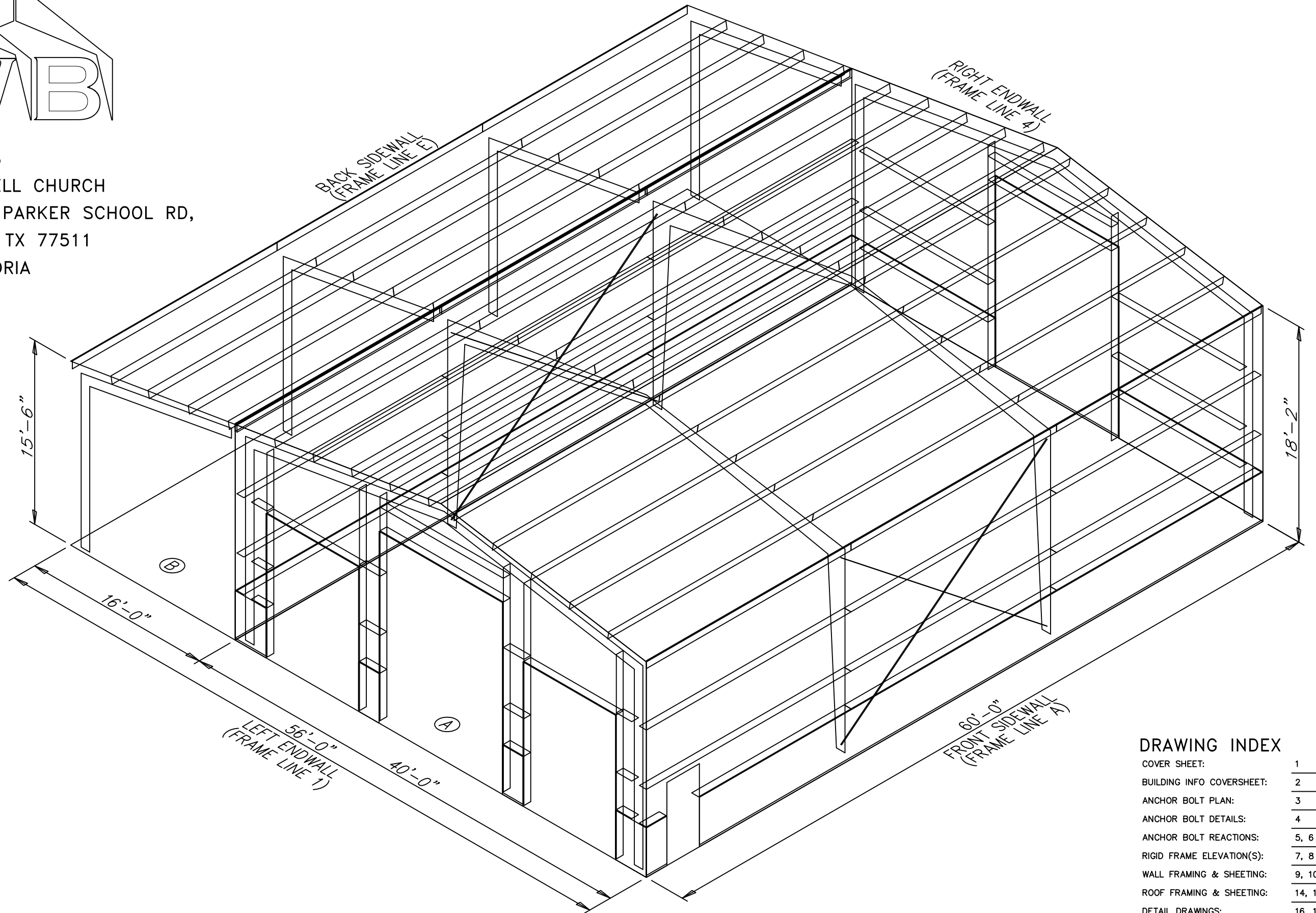


JOB NUMBER: 92368  
 PROJECT NAME: DARRELL CHURCH  
 PROJECT LOCATION: 2123 PARKER SCHOOL RD,  
 PROJECT LOCATION: ALVIN TX 77511  
 PROJECT COUNTY: BRAZORIA



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**GENERAL NOTES**

- 1.1 FABRICATION SHALL BE IN ACCORDANCE WITH METAL BUILDING SUPPLIER, STANDARD PRACTICES IN COMPLIANCE WITH THE APPLICABLE SECTIONS, RELATING TO DESIGN REQUIREMENTS AND ALLOWABLE STRESSES OF THE LATEST EDITION OF THE "AWS STRUCTURAL WELDING CODE D1.1 AND D1.3".
- 1.2 **MATERIALS**

ASTM DESIGNATION	MIN. YIELD STRENGTH
HOT ROLLED STEEL SHAPES (W, & C)	A572
HOT ROLLED STEEL ANGLES (L)	A36
STEEL PIPES	A500
STRUCTURAL TUBING	A500
STRUCTURAL STEEL WEB PLATE	A572/A1011
STRUCTURAL STEEL FLANGE PLATES/BARS	A529/A572
COLD FORMED LIGHT GAGE	A653/A1011
ROOF & WALL SHEETS	A792/A653
CABLE BRACE	A475 - TYPE 1
ROD BRACE	A36

MIN. TENSILE STRENGTH
Fy = 50 KSI
Fy = 36 KSI
Fy = 42 KSI
Fy = 50 KSI
Fy = 55 KSI
Fy = 55 KSI
Fy = 50, 80 KSI
EXTRA HIGH STRENGTH
Fy = 36 KSI

MACHINE BOLTS & NUTS	A307
HIGH STRENGTH BOLTS (1"Ø & LESS)	A325-TYPE 1
HIGH STRENGTH BOLTS (>1"Ø TO 1 1/2"Ø)	A325-TYPE 1
ANCHOR BOLTS (NOT SUPPLIED BY M.B.S.)	A36/A307/F1554
- 1.3 **PRIMER**  
SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER WHICH MEETS THE END PERFORMANCE OF FEDERAL SPECIFICATION SSPC NO. 15 AND IS GRAY OXIDE IN COLOR. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS. METAL BUILDING SUPPLIER IS NOT RESPONSIBLE FOR ANY DETERIORATION OF THE SHOP PRIMER PAINT AS A RESULT OF IMPROPER HANDLING AND/OR JOBSITE STORAGE. METAL BUILDING SUPPLIER SHALL NOT BE RESPONSIBLE FOR ANY FIELD APPLIED PAINT AND/OR COATINGS. (AISC CODE OF STANDARD PRACTICE, LATEST EDITION). NOMINAL THICKNESS OF PRIMER WILL BE 1 MIL UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS.
- 1.4 **GALVANIZED OR SPECIAL COATINGS:**  
SEE CONTRACT DOCUMENTS
- 1.5 **ALL BOLTS ARE 1/2"Ø x 0'-1 1/4" A307 EXCEPT :**  
 A) ENDWALL RAFTER SPICE - 5/8"Ø x 0'-1 3/4" A325-N  
 B) ENDWALL COLUMN TO RAFTER CONNECTION - (SEE WALL ELEVATION)  
 C) MAIN FRAME CONNECTIONS - SEE CROSS SECTION  
 D) FLANGE BRACE CONNECTIONS - 1/2"Ø x 0'-1 1/4" A325  
 NOTE: WASHERS ARE NOT SUPPLIED UNLESS NOTED OTHERWISE ON DRAWING
- 1.6 **A325 BOLT TIGHTENING REQUIREMENTS**  
ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE. HOLES ARE NOT SLOTTED AND DESIGN IS BEARING CONNECTION. STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS" USING ASTM A325 OR A490 BOLTS, WHEN SPECIFICALLY REQUIRED. A325-N BOLTS ARE SUPPLIED WITHOUT WASHER UNLESS OTHERWISE NOTED ON THE DRAWINGS.  
ALL BOLTED CONNECTIONS UNLESS NOTED ARE DESIGNED AS BEARING TYPE CONNECTIONS WITH BOLT THREADS NOT EXCLUDED FROM THE SHEAR PLANE.
- 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 RESPONSIBILITY 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 CORRECTOR TO BE USED BY OTHERS. (AISC CODE OF STANDARD PRACTICE LATEST EDITION)
- 2.11 NEITHER THE FABRICATOR NOR THE BUYER/END USE CUSTOMER WILL CUT, DRILL OR OTHERWISE ALTER HIS WORK, OR THE WORK OF OTHER TRADES, TO ACCOMMODATE OTHER TRADES, UNLESS SUCH WORK IS CLEARLY SPECIFIED IN THE CONTRACT DOCUMENTS. WHENEVER SUCH WORK IS SPECIFIED, THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR FURNISHING COMPLETE INFORMATION AS TO MATERIALS, SIZE, LOCATION AND NUMBER OF ALTERATIONS PRIOR TO PREPARATION OF SHOP DRAWINGS. (AISC CODE OF STANDARD PRACTICE LATEST EDITION)
- 2.12 **WARNING** IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSIVE EFFECTS ON THE GALVALUME ALLOY COATING WHEN THEY ARE IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.
- 2.13 **SAFETY COMMITMENT** METAL BUILDING SUPPLIER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE RECTOR ARE BEYOND THE CONTROL OF M.B.S. IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE. LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKERS SAFETY. MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES. DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.
- 2.14 ROOF DRAINAGE SYSTEMS (GUTTER, DOWNSPOUTS, ETC.) MUST BE FREE OF ANY OBSTRUCTION TO ENSURE SMOOTH OPERATION AT ANY GIVEN TIME.
- 2.15 IT IS RECOMMENDED BY FACTORY MUTAL (REFERENCE B2.44) THAT ROOFS BE CLEARED OF SNOW WHEN HALF OF THE MAXIMUM SNOW DEPTH IS REACHED. THE MAXIMUM SNOW DEPTH CAN BE ESTIMATED BASED ON THE DESIGN SNOW LOAD AND THE DENSITY OF SNOW AND/OR ICE BUILDUP. SSE 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:

<b>DESIGN LOADS:</b>	<b>BldgA:</b>	<b>BldgB:</b>
DESIGN CODE / WIND CODE	: IBC-15	: IBC-15
BUILDING RISK CATEGORY	: II - Normal	: II - Normal
ENCLOSURE	: Closed	: Partially Enclosed
DEAD LOAD (PSF)	: 2.00	: 2.00
COLLATERAL LOAD (PSF)	: 1.00	: 1.00
<b>WIND LOAD</b>		
ULTIMATE WIND SPEED, (VULT) (MPH)	: 145.0	: 145.0
WIND EXPOSURE	: C	: C
INTERNAL PRESSURE COEFFICIENT, GCpi	: 0.18/-0.18	: 0.55/-0.55
WALL PANEL DESIGN WIND PRESSURE (PSF)	: 43.6/-47.2	: 56.7/-60.2
<b>LIVE LOAD</b>		
PRIMARY FRAMING (PSF)	: 20.00	: 20.00
TRIB. AREA REDUCTION	: No	: No
SECONDARY FRAMING (PSF)	: 20.00	: 20.00
<b>SNOW LOAD</b>		
GROUND SNOW LOAD, Pg (PSF)	: 0.00	: 0.00
ROOF SNOW LOAD, Pf (PSF)	: 0.00	: 0.00
SLOPED ROOF SNOW LOAD, Ps (PSF)	: 0.00	: 0.00
SNOW EXPOSURE FACTOR, Ce	: 1.00	: 1.00
SNOW IMPORTANCE FACTOR, Is	: 1.00	: 1.00
THERMAL FACTOR, Ct	: 1.00	: 1.00
SLOPED FACTOR, Cs	: 1.00	: 1.00
<b>SEISMIC LOAD</b>		
SEISMIC IMPORTANCE FACTOR, Ie	: 1.00	: 1.00
SITE CLASS	: D	: D
MAPPED SPECTRAL RESPONSE ACCELERATION	: Ss = 0.070 :S1 = 0.037	: Ss = 0.075 :Sd1 = 0.059
SPECTRAL RESPONSE COEFFICIENTS	: A	: A
SEISMIC DESIGN CATEGORY	: A	: A
BASIC FORCE RESISTING SYSTEMS USED	: STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR RESISTANCE	: RIGID FRAMES (OMF)
		: BRACED FRAMES (OCBF/OMF)
TOTAL DESIGN BASE SHEAR, V (KIPS)	: LONGITUDINAL = 0.53 : 0.00	: TRANSVERSE = 0.44 : 0.12
RESPONSE MODIFICATION FACTORS, R	: RIGID FRAMES = 3.50 : 5.00	: SW X-BRACING = 5.00 : 5.00
SEISMIC RESPONSE COEFFICIENTS, Cs	: RIGID FRAMES = 0.0213	: SW X-BRACING = 0.0149
ANALYSIS PROCEDURE USED	: EQUIVALENT LATERAL FORCE PROCEDURE	
OTHER LOADS/REQUIREMENTS		

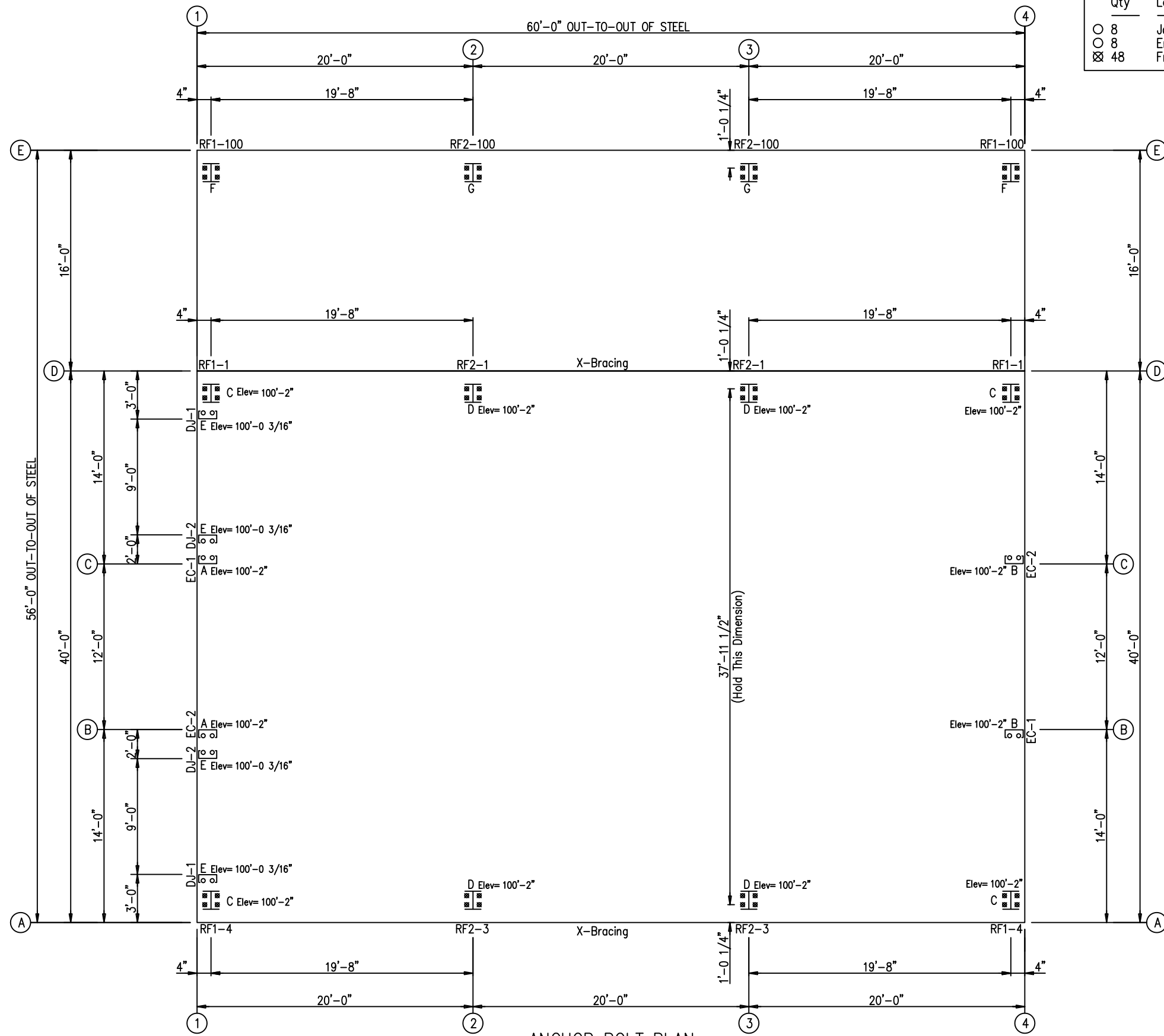
<b>BUILDING DESCRIPTION:</b>	<b>BldgA:</b>	<b>BldgB:</b>
WIDTH (FT)	: 40	: 16
LENGTH (FT)	: 60	: 60
EAVE HEIGHT AT BSW (FT)	: 18.17	: 15.5
EAVE HEIGHT AT FSW (FT)	: 18.17	: 18.17
ROOF SLOPE AT BSW	: 2.0:12	: 2.0:12
ROOF SLOPE AT FSW	: 2.0:12	:
BAY SPACING (FT)	: 3 at 20	: 3 at 20
<b>COVERING AND TRIMS:</b>		
<b>ROOF PANELS &amp; TRIMS</b>		
PANEL TYPE	: 26 Ga. PBR	: 26 Ga. PBR
PANEL COLOR	: Rustic Red	: Rustic Red
TRIM COLORS		
GABLE/EAVE	: Rustic Red	: Rustic Red
<b>WALL PANELS &amp; TRIMS</b>		
PANEL TYPE	: 26 Ga. PBR	
PANEL COLOR	: Light Stone	
TRIM COLORS		
CORNER	: Rustic Red	
OPENING	: Rustic Red	
BASE	: Rustic Red	
<b>WAINSCOT PANELS &amp; TRIMS</b>		
PANEL TYPE	: 26 Ga. PBR	
PANEL COLOR	: Rustic Red	
TRIM COLORS	: Rustic Red	
<b>INSULATION</b>		
ROOF INSULATION	: 3" (R-10) WMP-VR	
WALL INSULATION	: 3" (R-10) WMP-VR	

CHK.	ENG.	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
DATE	DWN.	MEZ	MEZ	JMM	JMM	JMM	JMM	JMM	JMM	JMM	JMM	JMM	JMM	JMM
03/28/19														
ISSUE	APPROVAL	PERMIT	ERECTION											



CUSTOMER NAME: DARRELL CHURCH	PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT NAME: DARRELL CHURCH	PROJECT COUNTY: BRAZORIA
SHOP PROJECT END USE:	CUSTOMER PHONE NUMBER: 281.352.8566
CUSTOMER EMAIL: DARRELL@LIXICON-INC.COM	SCALE: N.T.S.
SHEET NUMBER: 2 OF 21	JOB NUMBER: 92368
SHEET TITLE: BUILDING INFO COVERSHEET	

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

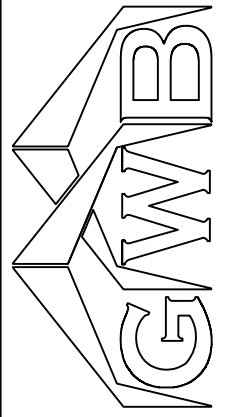


ANCHOR BOLT PLAN  
 NOTE: All Base Plates @ 100'-0" (U.N.)

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type
○ 8	Jamb	5/8"	A307
○ 8	Endwall	5/8"	A307
⊗ 48	Frame	3/4"	A307

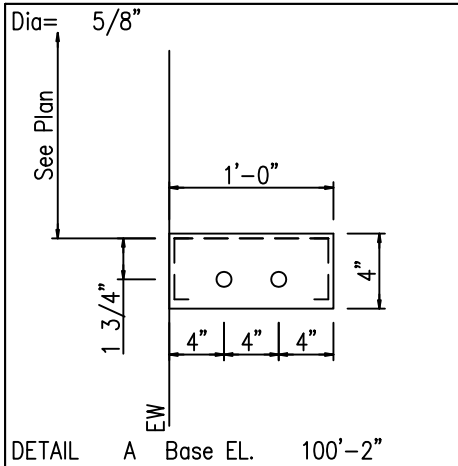
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APPROVAL	03/28/19	MEZ	MEZ	RS
PERMIT	04/10/19	JMM	JMM	RS
ERECTION	05/07/19	JMM	JMM	RS



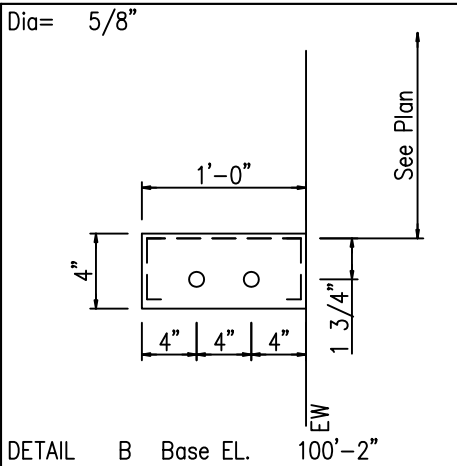
3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELL@LEXICON-INC.COM
SCALE:	N. T. S.
SHEET NUMBER:	3 OF 21
JOB NUMBER:	92368
SHEET TITLE:	ANCHOR BOLT PLAN

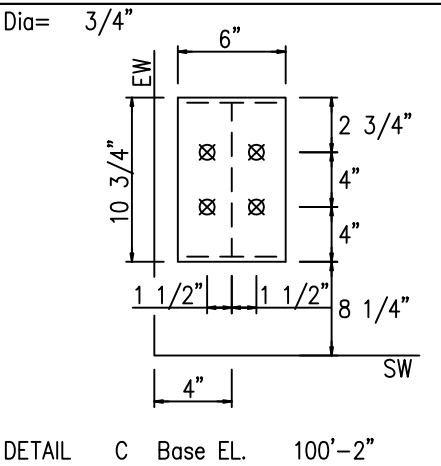
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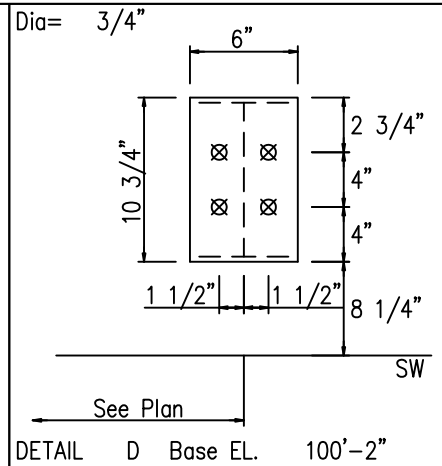
DETAIL A Base EL. 100'-2"



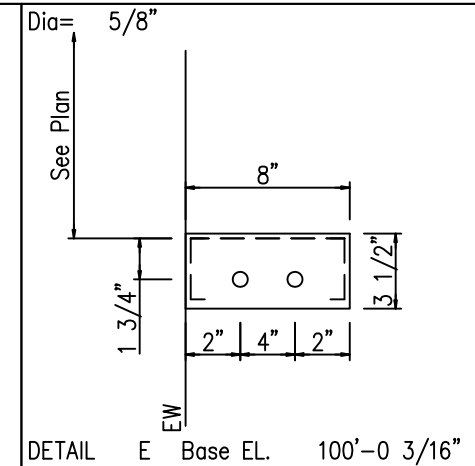
DETAIL B Base EL. 100'-2"



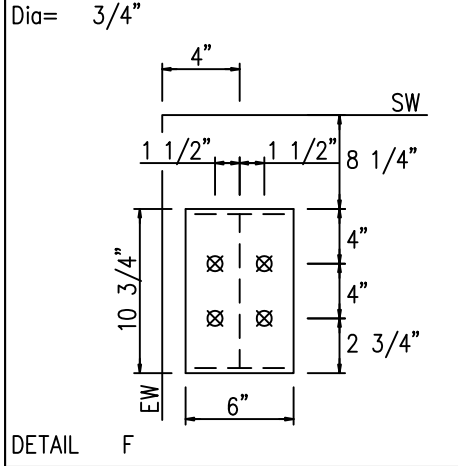
DETAIL C Base EL. 100'-2"



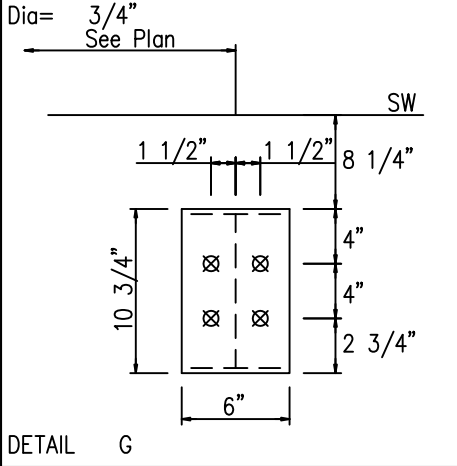
DETAIL D Base EL. 100'-2"



DETAIL E Base EL. 100'-0 3/16"



DETAIL F



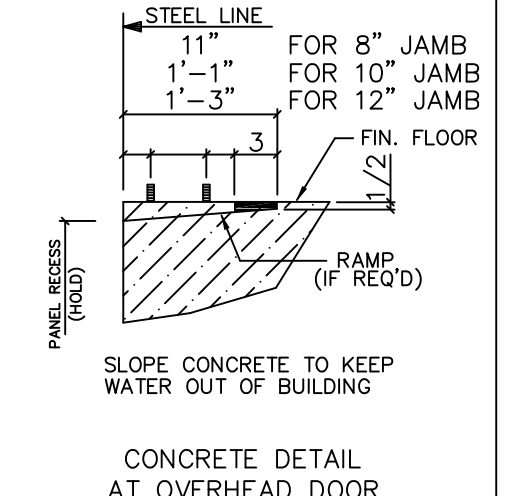
DETAIL G

**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"

CONCRETE AND ANCHOR BOLT PROJECTION



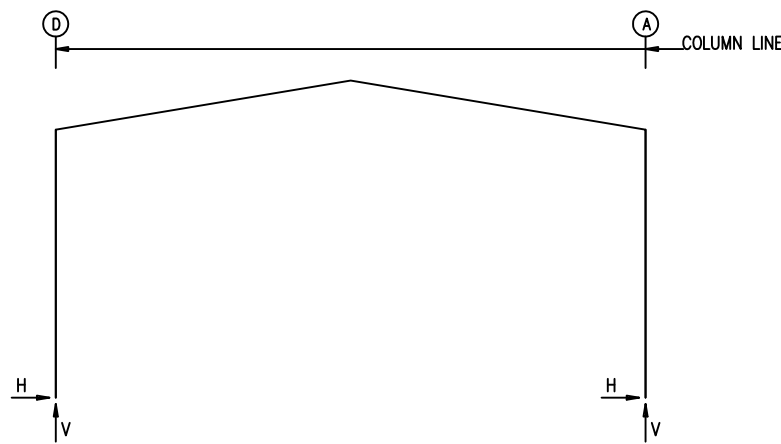
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	03/28/19	MEZ	MEZ	RS
PERMIT	04/10/19	JMM	JMM	RS
ERECTION	05/07/19	JMM	JMM	RS

3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	4 OF 21
JOB NUMBER:	92368
SHEET TITLE:	ANCHOR BOLT DETAILS

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

FRAME LINES: 1 2 3 4



**RIGID FRAME: BASIC COLUMN REACTIONS (k )**

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert
1*	D	0.2	1.1	0.1	0.3	1.1	5.6	-2.8	-10.5	3.6	-4.5	-5.9	-7.2
1*	A	-0.2	0.9	-0.1	0.2	-1.1	4.0	-0.7	-4.9	5.7	-9.5	-2.6	0.3
2*	D	0.4	1.7	0.1	0.6	2.6	10.9	-6.2	-20.4	6.3	-8.9	-11.9	-14.1
2*	A	-0.4	1.3	-0.1	0.4	-2.7	7.9	-0.7	-9.5	11.8	-18.6	-4.5	0.6

Frame Line	Column Line	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert
1*	D	0.5	-1.3	3.4	-7.1	2.9	-6.2	0.0	0.0	0.0	0.0	0.0	0.0
1*	A	3.8	-4.3	1.8	-7.5	1.3	-8.5	0.0	0.0	0.0	0.0	0.0	0.0
2*	D	0.6	-2.6	6.0	-22.2	5.1	-20.4	-0.1	-0.1	0.1	0.1	0.0	-0.4
2*	A	8.0	-8.5	4.0	-19.6	3.2	-21.4	-0.1	0.1	0.1	-0.1	0.0	-0.1

1\* Frame lines: 1 4  
2\* Frame lines: 2 3

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

Frm Line	Col Line	Load Id	Column_Reactions(k )				Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)	
			Hmax H	V Vmax	Load Id	Hmin H			V Vmin	Width	Length		Thick
1*	D	2	2.6	3.6	6	-3.4	-3.7	4	0.750	6.000	10.75	0.375	2.0
		1	1.3	7.0	4	-1.6	-5.6						
1*	A	5	3.3	-5.2	3	-2.2	4.3	4	0.750	6.000	10.75	0.375	2.0
		1	-1.3	5.1	5	3.3	-5.2						

1\* Frame lines: 1 4

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

Frm Line	Col Line	Load Id	Column_Reactions(k )				Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)	
			Hmax H	V Vmax	Load Id	Hmin H			V Vmin	Width	Length		Thick
2*	D	2	5.3	6.5	6	-6.9	-7.4	4	0.750	6.000	10.75	0.375	2.0
		1	3.1	13.3	7	3.8	-12.3						
2*	A	5	6.9	-10.4	3	-4.6	7.9	4	0.750	6.000	10.75	0.375	2.0
		1	-3.2	9.6	8	1.7	-12.0						

2\* Frame lines: 2 3

**NOTES FOR REACTIONS**

Building reactions are based on the following building data:

- Width (ft) = 40.0
- Length (ft) = 60.0
- Eave Height (ft) = 18.2/18.2
- Roof Slope (rise/12) = 2.0/2.0
- Dead Load (psf) = 2.0
- Collateral Load (psf) = 1.0
- Live Load (psf) = 20.0
- Wind Speed (mph) = 145.0
- Wind Code = IBC-15
- Exposure = C
- Closed/Open = C
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = A
- Seismic Coeff (Fa\*Ss) = 0.11

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

**ENDWALL COLUMN: BASIC COLUMN REACTIONS (k )**

Frm Line	Col Line	Dead Vert	Wind Press Horiz	Wind Suct Horiz
1	C	0.1	-4.3	4.7
1	B	0.1	-4.3	4.7
4	B	0.1	-4.3	4.7
4	C	0.1	-4.3	4.7

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

Frm Line	Col Line	Load Id	Column_Reactions(k )				Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)	
			Hmax H	V Vmax	Load Id	Hmin H			V Vmin	Width	Length		Thick
1	C	9	2.8	0.1	10	-2.6	0.1	2	0.625	4.000	12.00	0.375	2.0
		11	2.8	0.1									
1	B	9	2.8	0.1	10	-2.6	0.1	2	0.625	4.000	12.00	0.375	2.0
		11	2.8	0.1									
4	B	9	2.8	0.1	10	-2.6	0.1	2	0.625	4.000	12.00	0.375	2.0
		11	2.8	0.1									
4	C	9	2.8	0.1	10	-2.6	0.1	2	0.625	4.000	12.00	0.375	2.0
		11	2.8	0.1									

**BUILDING BRACING REACTIONS**

Loc	Wall Line	Col Line	± Reactions(k )				Panel_Shear (lb/ft)		Note
			Wind Horiz	Wind Vert	Seismic Horiz	Seismic Vert	Wind	Seis	
L_EW	1							(h)	
F_SW	A	2,3	6.0	4.9	0.1	0.1		(h)	
R_EW	4							(h)	
B_SW	D	3,2	10.2	8.3	0.4	0.3			

(h) Rigid frame at endwall

**ANCHOR BOLT SUMMARY**

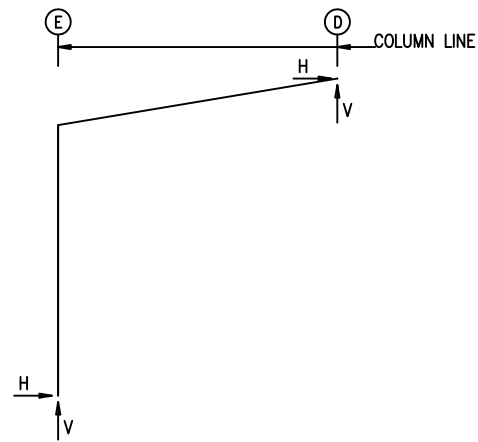
Qty	Locate	Dia (in)	Type
○ 8	Jamb	5/8"	A307
○ 8	Endwall	5/8"	A307
⊗ 32	Frame	3/4"	A307

ISSUE	APPROVAL	PERMIT	ERECTION	DATE	BY	CHK.	ENG.
				03/28/19		RS	RS
				04/10/19		JMM	RS
				05/07/19		JMM	RS

3025 S. PARKER RD SUITE 810  
AURORA, CO 80014  
PHONE: (800)-497-2135  
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME: DARRELL CHURCH	PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511	PROJECT COUNTY: BRAZORIA	SHOP	SCALE: N.T.S.
DARRELL CHURCH			CUSTOMER PHONE NUMBER: 281.352.8566	
			CUSTOMER EMAIL: DARRELLC@LEXICON-INC.COM	
				SHEET NUMBER: 5 OF 21
				JOB NUMBER: 92368
				SHEET TITLE: ANCHOR BOLT REACTIONS FOR BLDG A

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



**RIGID FRAME: BASIC COLUMN REACTIONS (k )**

Frame Line	Column Line	Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	E	0.0	0.5	0.0	0.1	0.0	1.7	0.2	-4.4	2.4	-3.8	-2.8	0.1
1*	D	0.0	0.2	0.0	0.1	0.0	1.5	1.8	-3.5	4.0	-2.2	-3.1	-1.0
2*	E	0.0	0.6	0.0	0.2	0.1	3.4	0.5	-8.6	4.8	-7.4	-5.5	0.1
2*	D	0.0	0.4	0.0	0.1	-0.1	3.0	3.4	-6.8	7.8	-4.4	-6.1	-1.9

Frame Line	Column Line	Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	E	-0.6	0.6	2.8	-4.9	2.8	-4.9	0.0	0.0	0.0	0.0
1*	D	-0.9	0.3	4.7	-3.0	4.7	-3.0	0.0	0.0	0.0	0.0
2*	E	-1.2	1.3	5.4	-9.5	5.4	-9.5	0.0	0.0	0.0	0.0
2*	D	-1.8	0.6	9.2	-5.8	9.2	-5.8	0.0	0.0	0.0	0.0

1\* Frame lines: 1 4  
2\* Frame lines: 2 3

**NOTES FOR REACTIONS**

Building reactions are based on the following building data:

- Width (ft) = 16.0
- Length (ft) = 60.0
- Eave Height (ft) = 15.5/18.2
- Roof Slope (rise/12 ) = 2.0
- Dead Load (psf ) = 2.0
- Collateral Load (psf ) = 1.0
- Live Load (psf ) = 20.0
- Wind Speed (mph ) = 145.0
- Wind Code = IBC-15
- Exposure = C
- Closed/Open = P
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = A
- Seismic Coeff (Fa\*Ss) = 0.11

ID	Description
1	Dead+Collateral+Live
2	0.6Dead+0.6Wind_Left1
3	0.6Dead+0.6Wind_Left2
4	0.6Dead+0.6Wind_Long2R

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

Frm Line	Col Line	Load Id	Column_Reactions(k )				Hmin	V	Bolt(in)	Dia	Base_Plate(in)			Grout (in)
			Hmax	V	Load Id	Hmin					Width	Length	Thick	
1*	E	4	1.7	-2.7	3	-1.7	0.3	4	0.750	6.000	10.75	0.375	0.0	
		1	0.0	2.3	4	1.7	-2.7							
1*	D	4	2.8	-1.7	3	-1.9	-0.4	4	0.750	6.000	10.75	0.375	0.0	
		1	0.0	1.8	2	1.1	-2.0							

1\* Frame lines: 1 4

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

Frm Line	Col Line	Load Id	Column_Reactions(k )				Hmin	V	Bolt(in)	Dia	Base_Plate(in)			Grout (in)
			Hmax	V	Load Id	Hmin					Width	Length	Thick	
2*	E	4	3.2	-5.3	3	-3.3	0.5	4	0.750	6.000	10.75	0.375	0.0	
		1	0.1	4.2	4	3.2	-5.3							
2*	D	4	5.5	-3.3	3	-3.7	-0.9	4	0.750	6.000	10.75	0.375	0.0	
		1	-0.1	3.5	2	2.1	-3.9							

2\* Frame lines: 2 3

**BUILDING BRACING REACTIONS**

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

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

**ANCHOR BOLT SUMMARY**

Qty	Locate	Dia (in)	Type
16	Frame	3/4"	A307

ISSUE	DATE	CHK.	ENG.
APPROVAL	03/28/19	MEZ	RS
PERMIT	04/10/19	JMM	RS
ERECTION	05/07/19	JMM	RS



3025 S. PARKER RD SUITE 810  
AURORA, CO 80014  
PHONE: (800)-497-2135  
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CUSTOMER NAME: DARRELL CHURCH	SHOP
PROJECT NAME: DARRELL CHURCH	CUSTOMER PHONE NUMBER: 281.352.8566
PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511	CUSTOMER EMAIL: DARRELLC@LEXICON-INC.COM
PROJECT COUNTY: BRAZORIA	SCALE: N.T.S.
PROJECT END USE:	
SHEET NUMBER: 6 OF 21	
JOB NUMBER: 92368	
SHEET TITLE: ANCHOR BOLT REACTIONS FOR BLDG B	

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

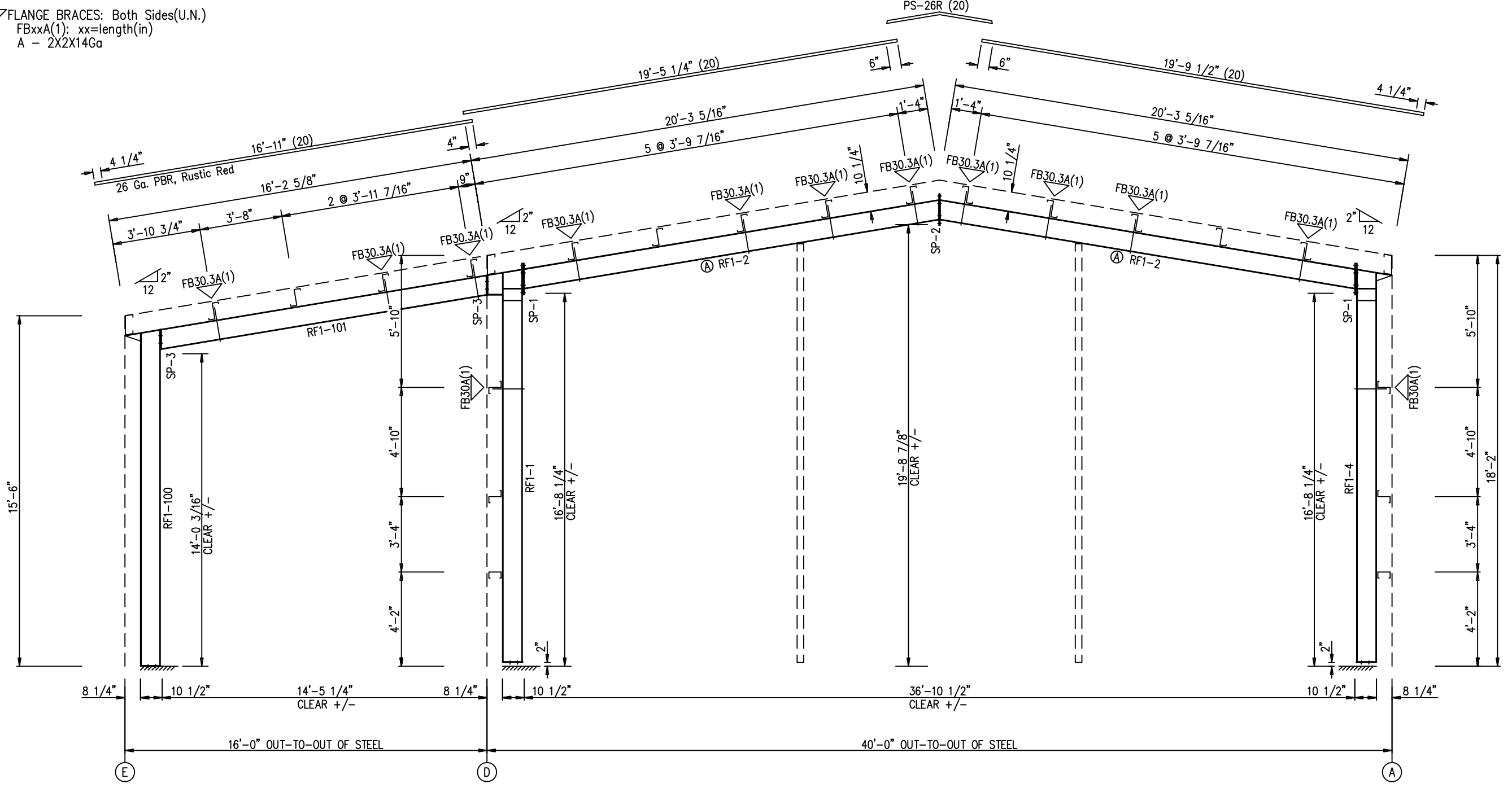
SPlice Bolt Table						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	0	A325	5/8"	2 1/4"
SP-2	4	4	0	A325	5/8"	1 3/4"
SP-3	4	0	0	A325	5/8"	1 3/4"

ALTERNATE MEMBER		
Frame Line	OID	Mark
4	A	RF1-3

▽ FLANGE BRACES: Both Sides(U.N.)  
 FBxxA(1): xx=length(in)  
 A - 2X2X14Ga

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length
RF1-1	10.0/10.0	0.135	0.135	15'-11 3/4"	5 x 1/4" x 17'-2 3/8"	5 x 1/4" x 16'-2 3/4"
RF1-2	10.0/10.0	0.135	0.135	1'-4 5/16"	5 x 1/4" x 1'-6 5/16"	5 x 1/4" x 18'-6 7/8"
RF1-3	10.0/10.0	0.135	0.135	18'-8 9/16"	5 x 1/4" x 18'-6 7/8"	5 x 1/4" x 18'-6 7/8"
RF1-4	10.0/10.0	0.313	0.313	1'-4 5/16"	5 x 1/4" x 1'-6 11/16"	5 x 1/4" x 16'-2 3/4"
RF1-100	10.0/10.0	0.135	0.135	15'-11 3/4"	5 x 1/4" x 17'-2 3/8"	5 x 1/4" x 13'-11 11/16"
RF1-101	10.0/10.0	0.135	0.135	14'-8 7/16"	5 x 1/4" x 14'-6 11/16"	5 x 1/4" x 14'-6 11/16"

ISSUE	DATE	CHK.	ENG.
APPROVAL	03/28/19	MEZ	RS
PERMIT	04/10/19	JMM	RS
ERECTION	05/07/19	JMM	RS




3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
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CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	7 OF 21
JOB NUMBER:	92368
SHEET TITLE:	RIGID FRAME ELEVATION

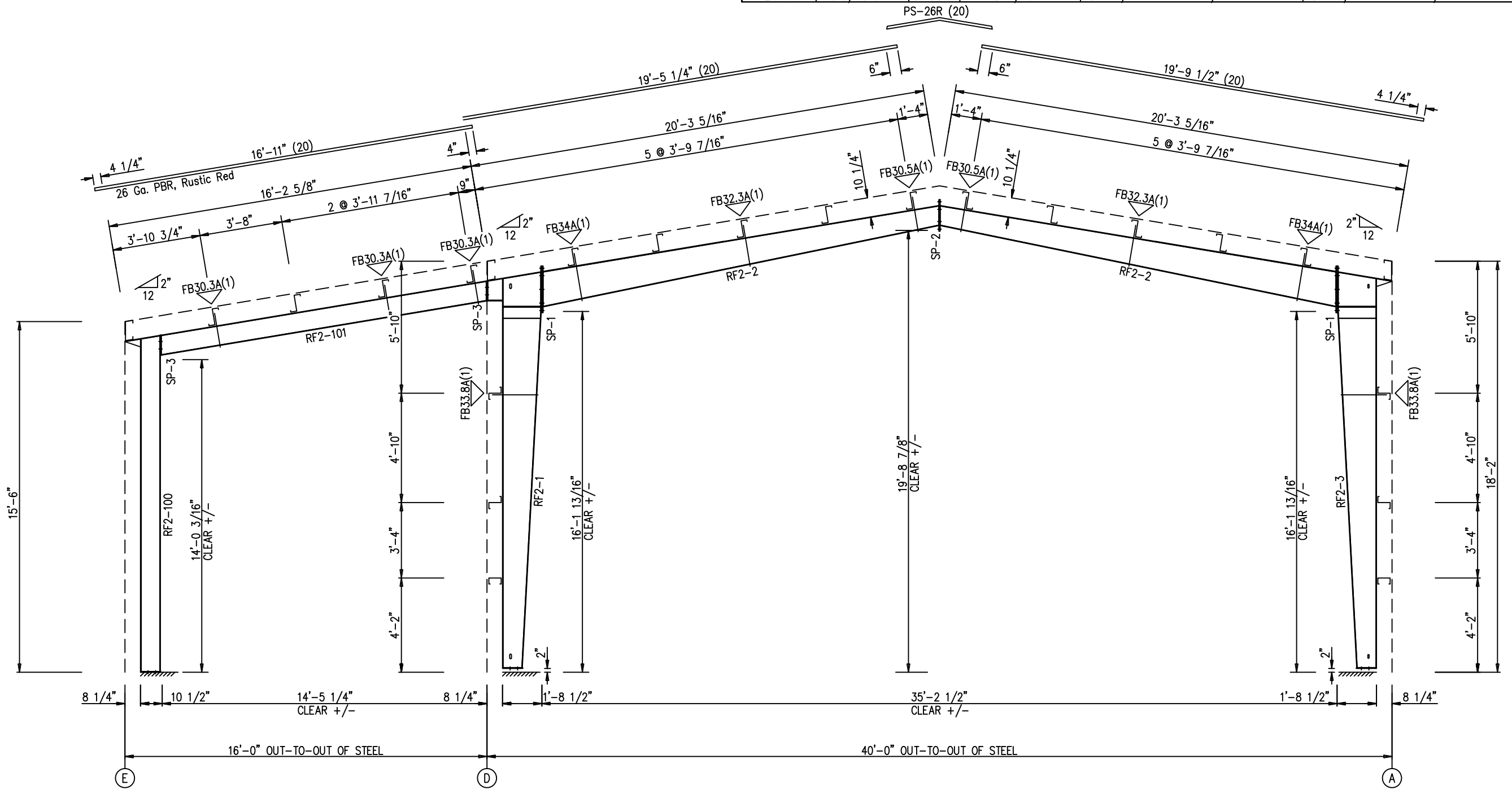
RIGID FRAME ELEVATION: FRAME LINES 1 4

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

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Thick	Length	W x Thk x Length	W x Thk x Length
RF2-1	10.0/19.8	0.135	0.135	15'-5 5/16"	5 x 1/4" x 17'-2 3/8"	5 x 1/4" x 15'-8 9/16"
RF2-2	19.8/20.0	0.188	0.135	2'-0 3/8"	5 x 1/4" x 2'-4 1/2"	
	18.0/10.0	0.135		17'-11 3/4"	5 x 5/16" x 8'-0 11/16"	5 x 1/4" x 17'-10 3/16"
RF2-3	20.0/19.8	0.188	0.135	2'-0 3/8"	5 x 1/4" x 9'-8"	
	19.8/10.0	0.135		15'-5 5/16"	5 x 1/4" x 2'-4 7/8"	5 x 1/4" x 15'-8 9/16"
RF2-100	10.0/10.0	0.135	0.135	14'-10 1/16"	5 x 1/4" x 14'-8 3/8"	5 x 1/4" x 13'-11 11/16"
RF2-101	10.0/10.0	0.135	0.135	14'-8 7/16"	5 x 1/4" x 1'-6 11/16"	
					5 x 1/4" x 14'-6 11/16"	5 x 1/4" x 14'-6 11/16"

▽ FLANGE BRACES: Both Sides(U.N.)  
 FBxxA(1): xx=length(in)  
 A - 2X2X14Ga



RIGID FRAME ELEVATION: FRAME LINES 2 3

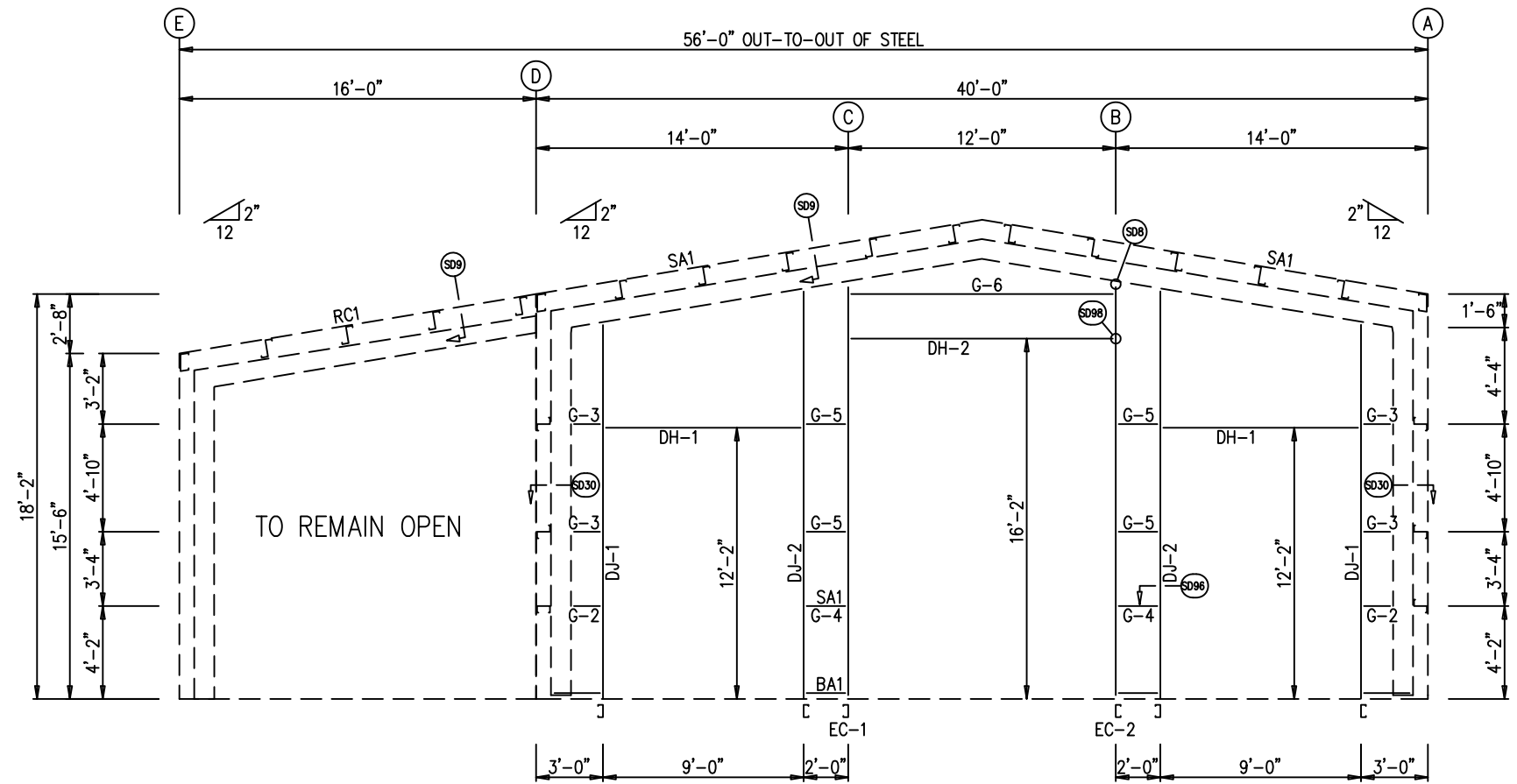
ISSUE	DATE	CHK.	ENG.
APPROVAL	03/28/19	MEZ	RS
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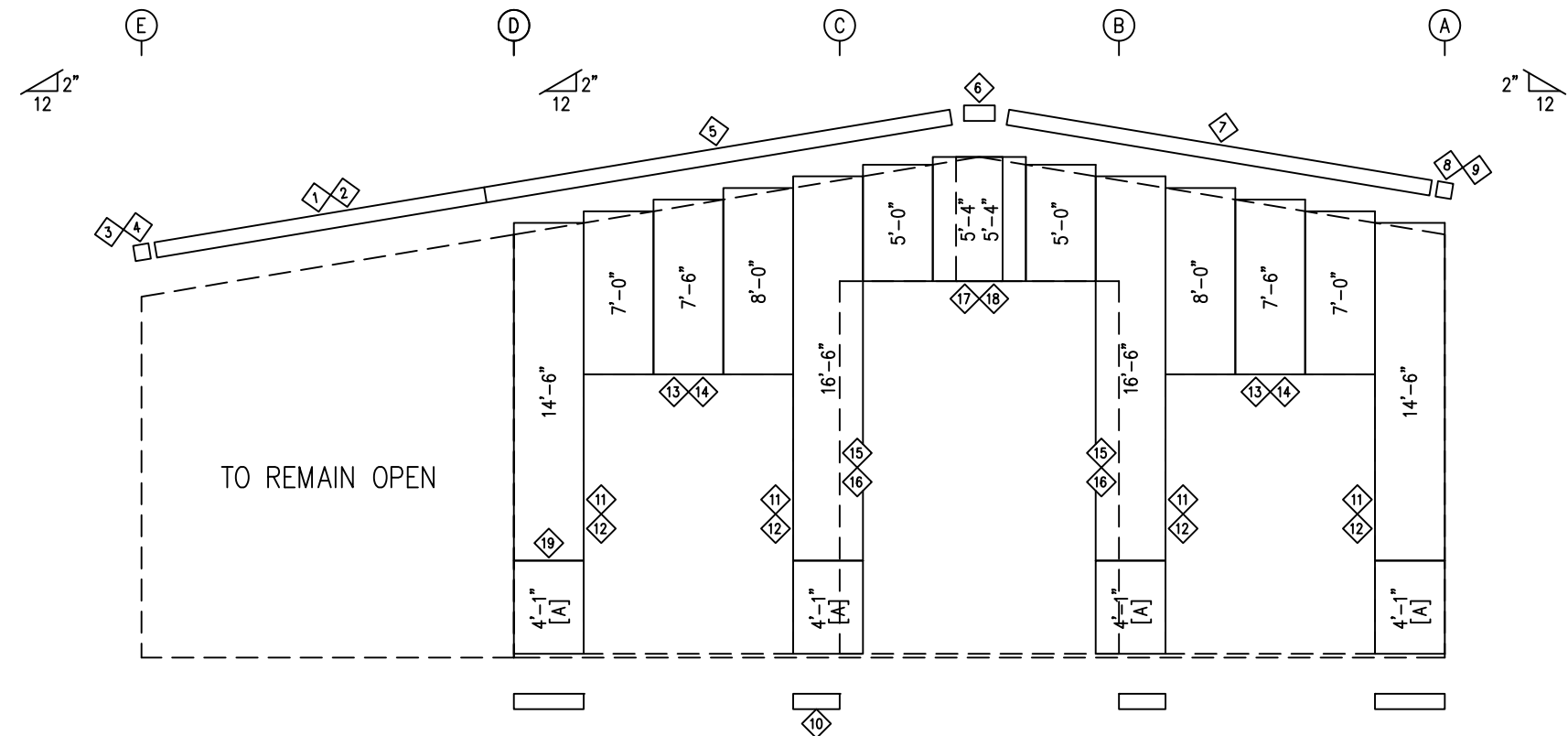
CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	8 OF 21
JOB NUMBER:	92368
SHEET TITLE:	RIGID FRAME ELEVATION

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ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. PBR - Light Stone  
 [A] PANELS: 26 Ga. PBR - Rustic Red

TRIM TABLE  
 FRAME LINE 1

ID	QUAN	MARK	LENGTH	DETAIL
1	1	FL-21	13'-5"	TD25
2	1	FL-365	16'-3"	TD25
3	1	FL-21L	11'-2"	TD85
4	1	FL-328R	9 1/2"	TD13
5	1	FL-21	13'-5"	TD35
6	1	FL-23	1'-4"	
7	1	FL-21	10'-4"	TD35
8	1	FL-21R	11'-2"	TD85
9	1	FL-328L	9 1/2"	TD13
10	1	FL-60	10'-2"	TD74
11	4	FL-55	12'-2"	TD51
12	4	FL-48	12'-3"	TD51
13	2	FL-55	9'-4"	TD52
14	2	FL-52	9'-4"	TD52
15	2	FL-301	16'-2"	TD51
16	2	FL-48	16'-3"	TD51
17	1	FL-301	12'-4"	TD52
18	1	FL-52	12'-4"	TD52
19	1	FL-237	10'-2"	TD198

BOLT TABLE  
 FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
BldgA				
Columns/Rafter	2	A325	5/8"	1 1/4"
Jamb/Rafter	2	A325	5/8"	1 1/4"

MEMBER TABLE  
 FRAME LINE 1

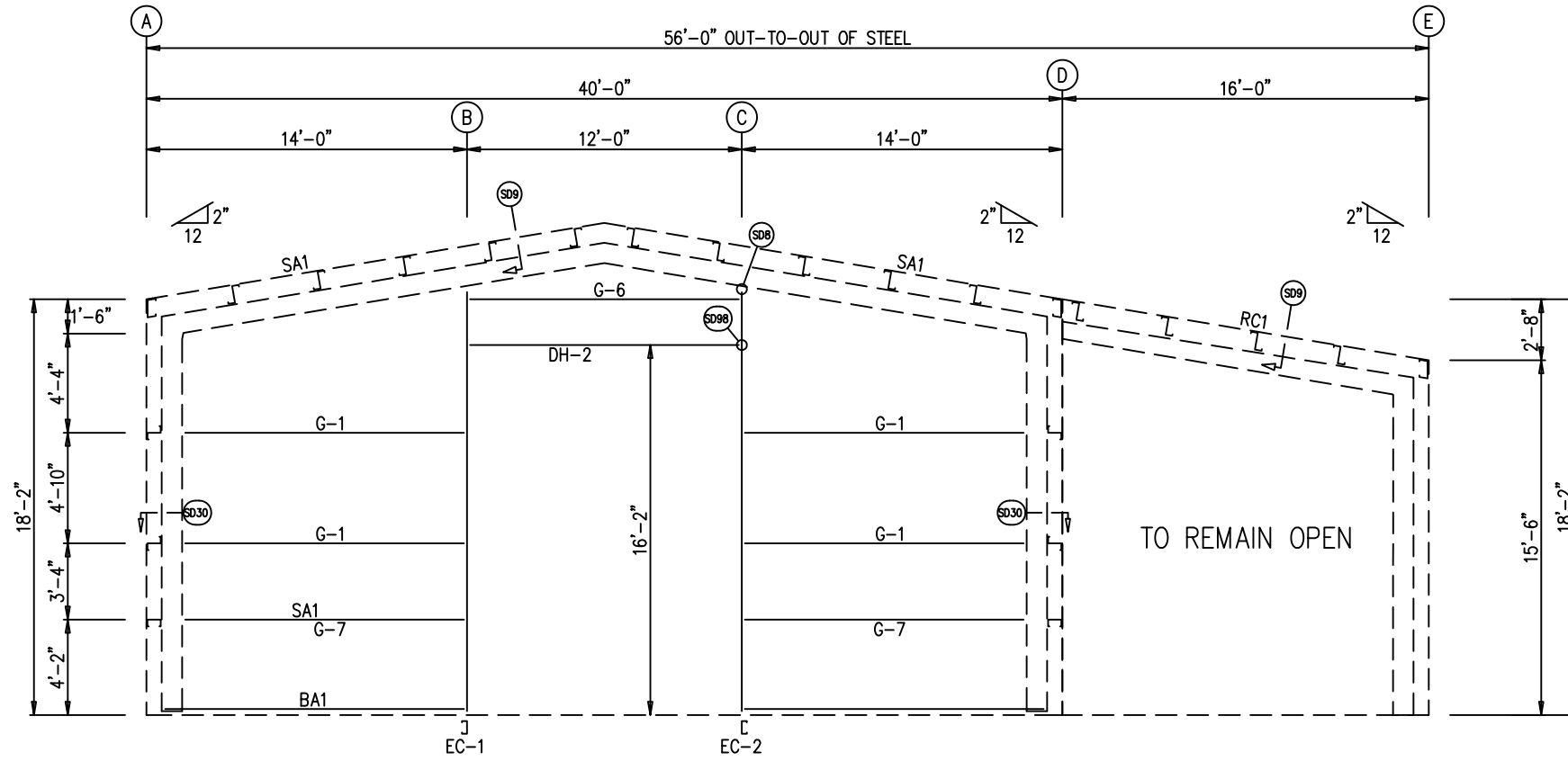
QUAN	MARK	PART	LENGTH
BldgA			
1	EC-1	12X35C12	18'-6 3/16"
1	EC-2	12X35C12	18'-6 3/16"
2	DJ-1	8X35C14	16'-10 1/16"
2	DJ-2	8X35C14	18'-4 1/16"
2	DH-1	8X25C16	9'-0"
1	DH-2	12X35C14	12'-0"
2	G-2	8X25C16	1'-0 15/16"
4	G-3	8X25Z16	1'-0 15/16"
2	G-4	8X25C16	1'-3 13/16"
4	G-5	8X25Z16	1'-3 13/16"
1	G-6	8X25Z16	11'-11 1/2"

ISSUE	APPROVAL	PERMIT	ERECTION	DATE	DWN.	CHK.	ENG.
				03/28/19	MEZ	RS	
				04/10/19	JMM	RS	
				05/07/19	JMM	RS	

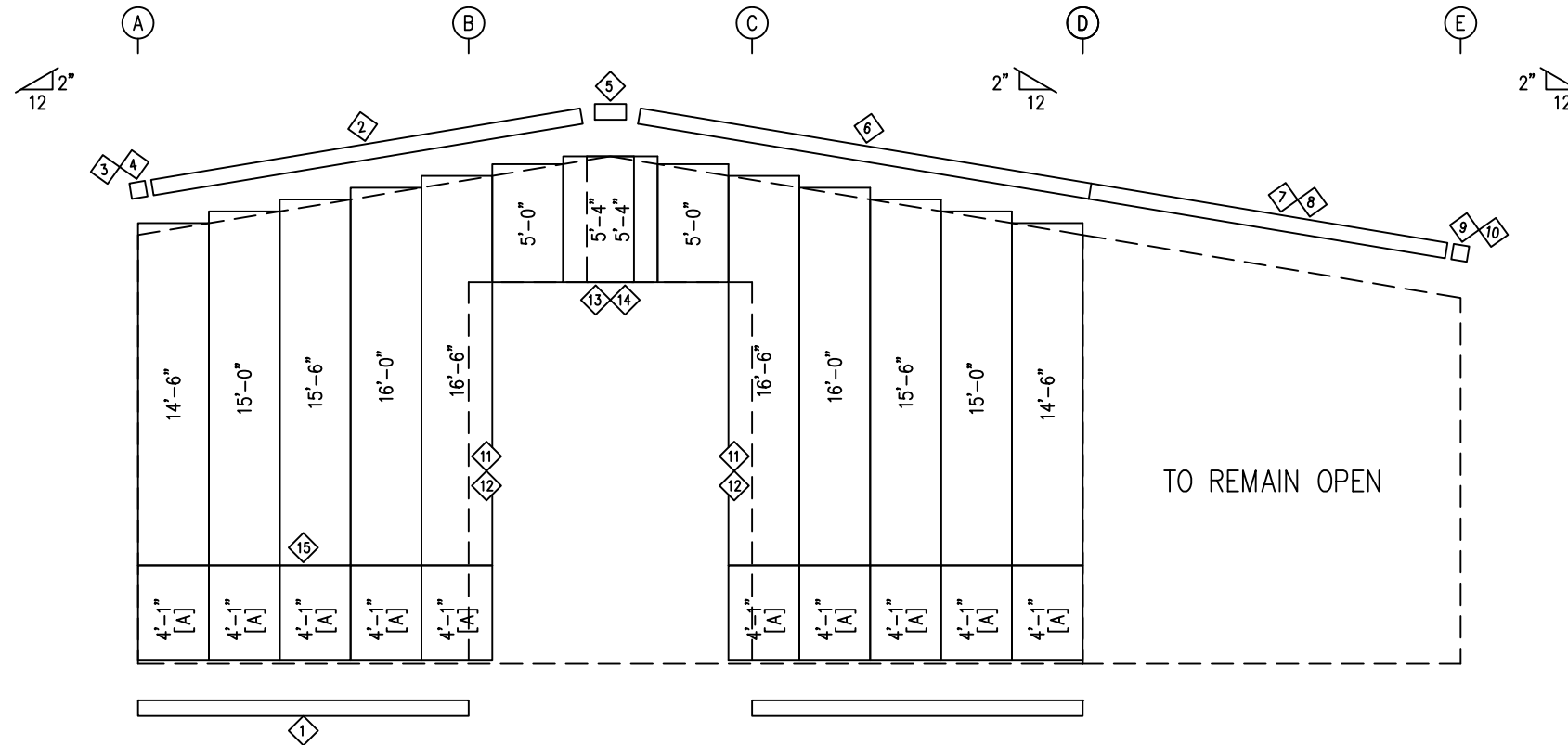
3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	9 OF 21
JOB NUMBER:	92368
SHEET TITLE:	ENDWALL FRAMING & SHEETING FOR BLDGS A & B

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY THE METAL BUILDING SUPPLIER. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF THE METAL BUILDING SUPPLIER. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY THE METAL BUILDING SUPPLIER 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



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PBR - Light Stone  
 [A] PANELS: 26 Ga. PBR - Rustic Red

ID	QUAN	MARK	LENGTH	DETAIL
1	3	FL-60	10'-2"	TD74
2	1	FL-21	10'-4"	TD35
3	1	FL-21L	11'-2"	TD85
4	1	FL-328R	9 1/2"	TD13
5	1	FL-23	1'-4"	
6	1	FL-21	13'-5"	TD35
7	1	FL-21	13'-5"	TD25
8	1	FL-365	16'-3"	TD25
9	1	FL-21R	11'-2"	TD85
10	1	FL-328L	9 1/2"	TD13
11	2	FL-301	16'-2"	TD51
12	2	FL-48	16'-3"	TD51
13	1	FL-301	12'-4"	TD52
14	1	FL-52	12'-4"	TD52
15	3	FL-237	10'-2"	TD198

LOCATION	QUAN	TYPE	DIA	LENGTH
BldgA				
Columns/Rafter	2	A325	5/8"	1 1/4"

QUAN	MARK	PART	LENGTH
1	EC-1	12X35C12	18'-6 3/16"
1	EC-2	12X35C12	18'-6 3/16"
1	DH-2	12X35C14	12'-0"
4	G-1	8X25Z16	12'-0 7/8"
1	G-6	8X25Z16	11'-11 1/2"
2	G-7	8X25C16	12'-0 7/8"

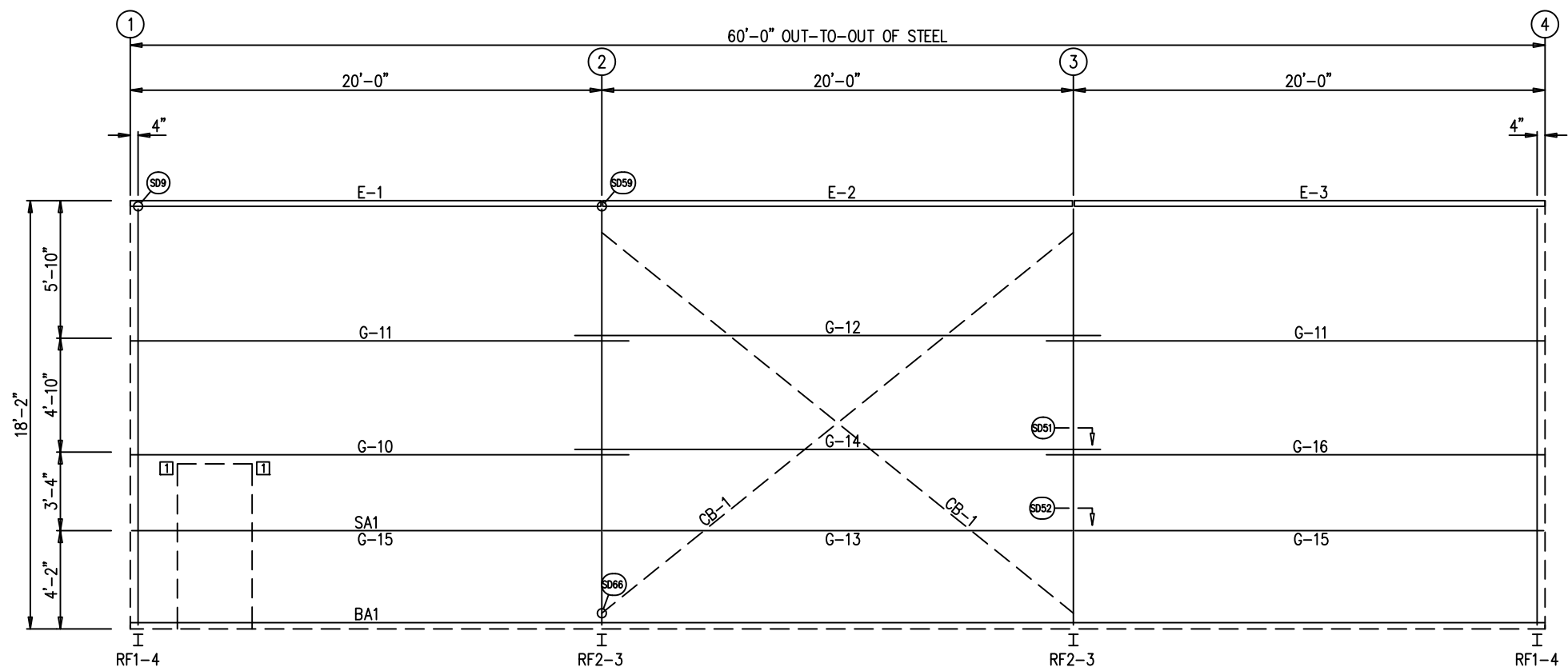
ISSUE	APPROVAL	PERMIT	ERECTION	DATE	DWN.	CHK.	ENG.
				03/28/19	MEZ	RS	
				04/10/19	JMM	RS	
				05/07/19	JMM	RS	

3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME: DARRELL CHURCH  
 PROJECT NAME: DARRELL CHURCH  
 PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511  
 PROJECT COUNTY: BRAZORIA  
 PROJECT END USE: SHOP  
 CUSTOMER PHONE NUMBER: 281.352.8566  
 CUSTOMER EMAIL: DARRELLC@LEXICON-INC.COM  
 SCALE: N.T.S.

SHEET NUMBER: 10 OF 21  
 JOB NUMBER: 92368  
 SHEET TITLE: ENDWALL FRAMING & SHEETING FOR BLDGS A & B

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

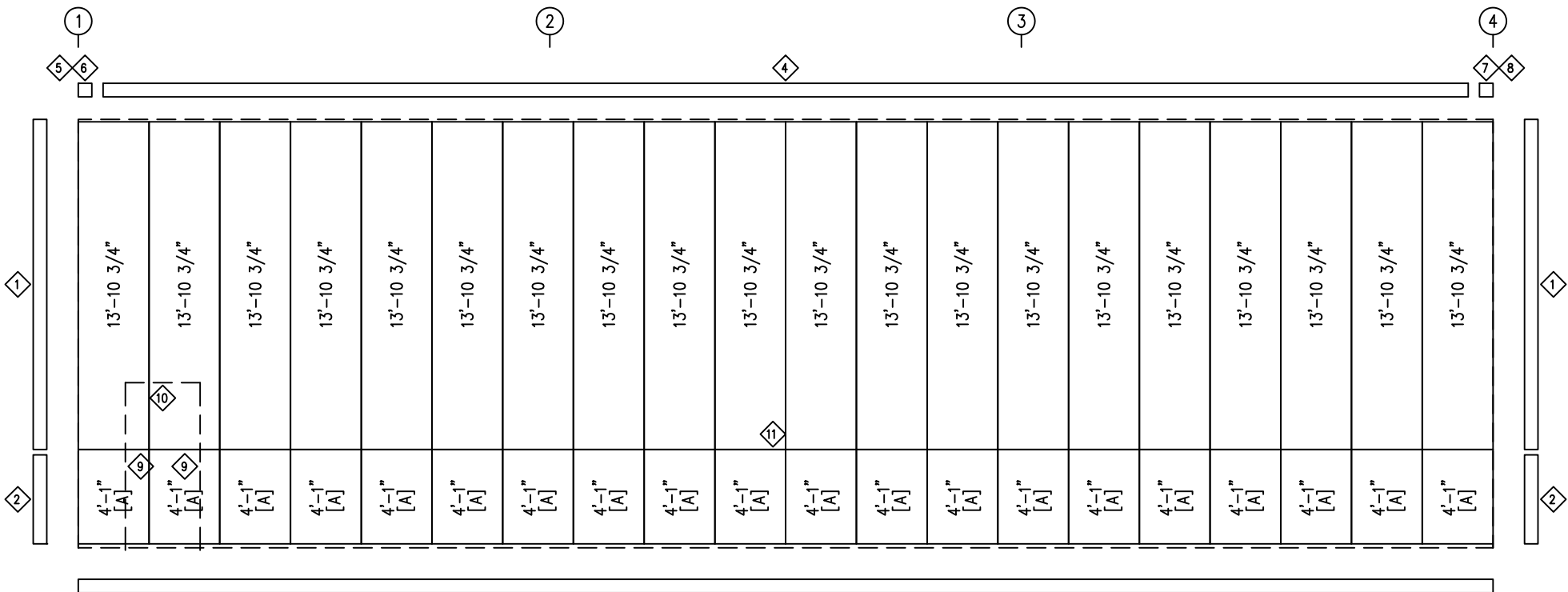


GIRT LAPS

1'-1 3/4" 1'-1 3/4"

1'-1 3/4" 1'-1 3/4"

SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - Light Stone  
 [A] PANELS: 26 Ga. PBR - Rustic Red

ID	QUAN	MARK	LENGTH	DETAIL
1	2	FL-10	14'-0"	TD40
2	2	FL-10	4'-0"	TD40
3	6	FL-60	10'-2"	TD74
4	2	FL-29	20'-2"	TD16
5	1	FL-29L	11'-2"	TD85
6	1	FL-30L	9 1/2"	TD13
7	1	FL-29R	11'-2"	TD85
8	1	FL-30R	9 1/2"	TD13
9	2	FL-48	7'-3"	TD51
10	1	FL-52	3'-6"	TD52
11	6	FL-237	10'-2"	TD198

QUAN	MARK	PART	LENGTH
1	E-1	10ES2L14	19'-11 1/2"
1	E-2	10ES2L14	19'-11 1/2"
1	E-3	10ES2L14	19'-11 1/2"
1	G-10	8X35Z14	21'-1 1/2"
2	G-11	8X25Z14	21'-1 1/2"
1	G-12	8X25Z16	22'-3 1/2"
1	G-13	8X25C12	19'-11 1/2"
1	G-14	8X35Z16	22'-3 1/2"
2	G-15	8X25C12	19'-11 1/2"
1	G-16	8X35Z16	21'-1 1/2"
2	CB-1	CB0313	26'-4"

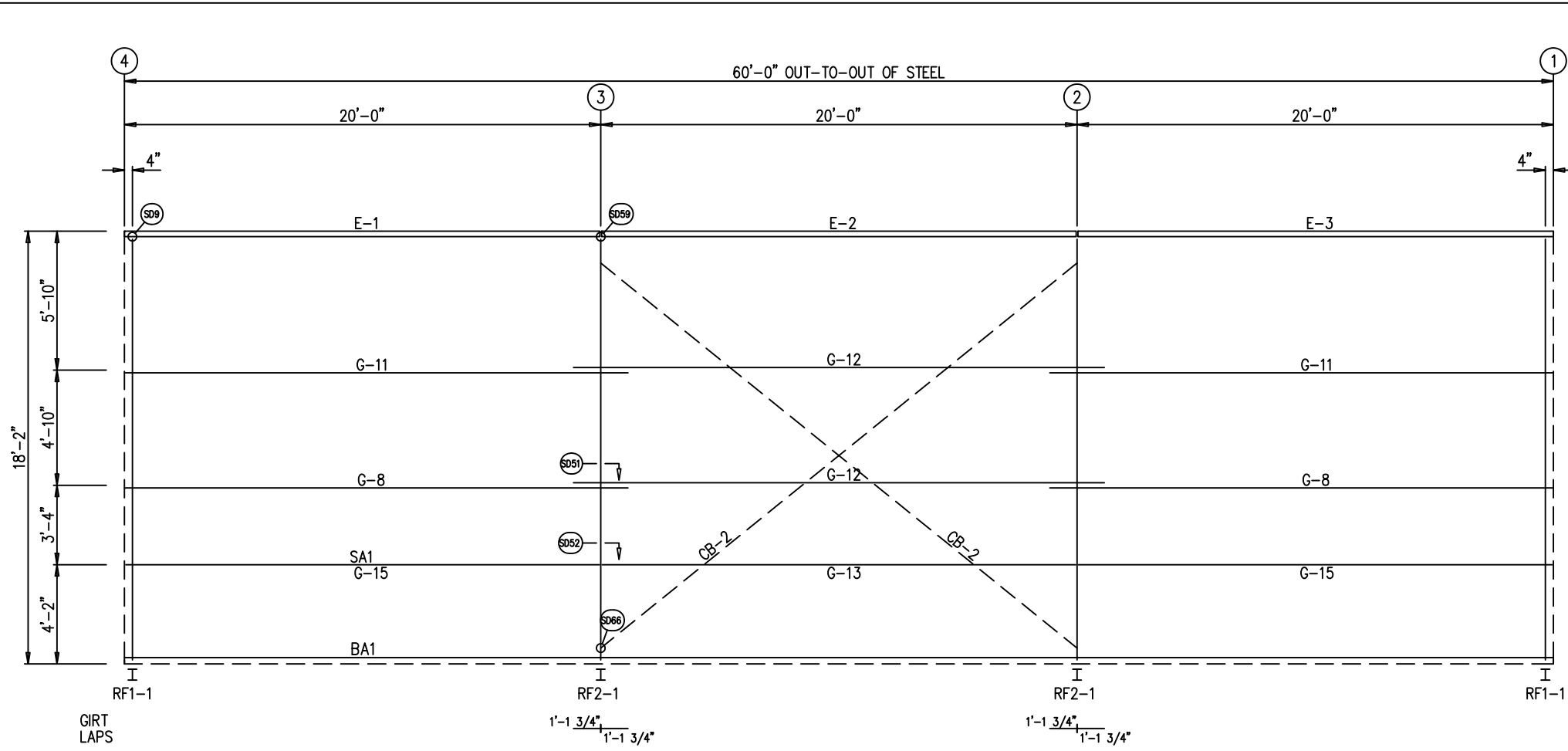
ID	QUAN	MARK/PART
1	2	GW-500

ISSUE	APPROVAL	PERMIT	ERECTION	DATE	DWN.	CHK.	ENG.
				03/28/19	MEZ	RS	
				04/10/19	JMM	RS	
				05/07/19	JMM	RS	

3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELL@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	11 OF 21
JOB NUMBER:	92368
SHEET TITLE:	SIDEWALL FRAMING & SHEETING FOR BLDG A

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY THE METAL BUILDING SUPPLIER. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF THE METAL BUILDING SUPPLIER. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY THE METAL BUILDING SUPPLIER 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

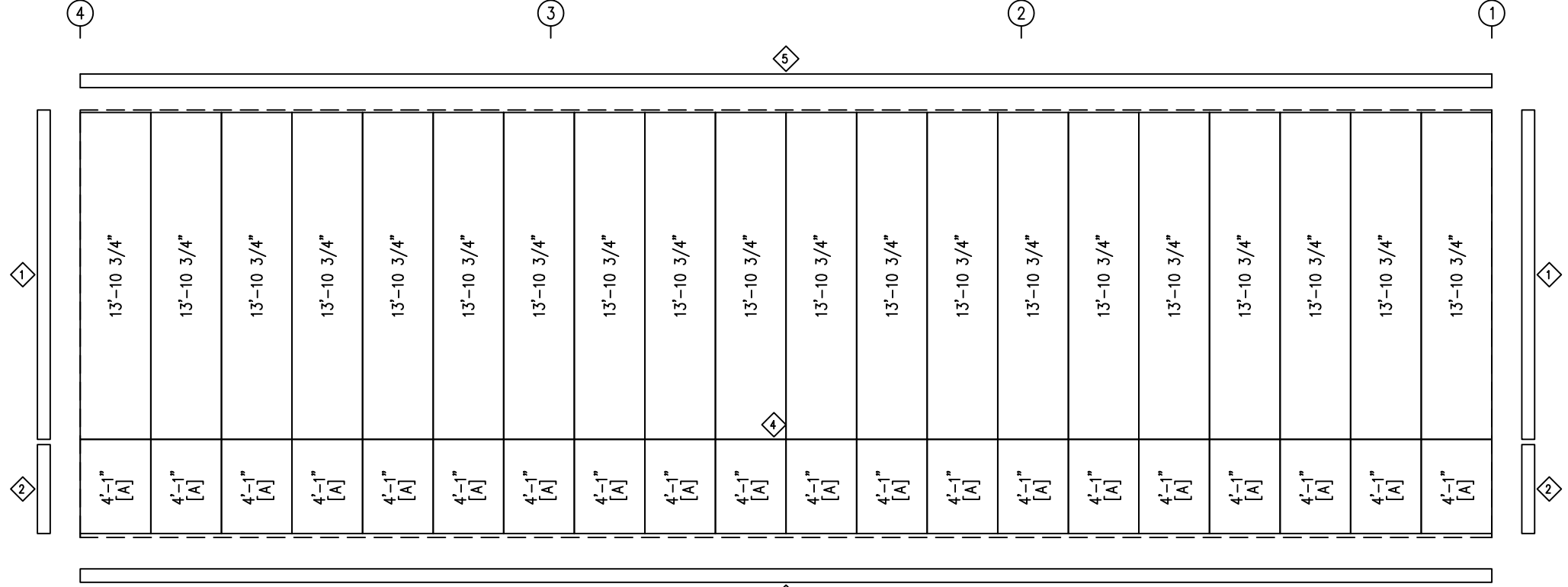
ID	QUAN	MARK	LENGTH	DETAIL
1	2	FL-10	14'-0"	TD40
2	2	FL-10	4'-0"	TD40
3	6	FL-60	10'-2"	TD74
4	6	FL-237	10'-2"	TD198
5	3	FL-31	20'-2"	TD199

QUAN	MARK	PART	LENGTH
1	E-1	10ES2L14	19'-11 1/2"
1	E-2	10ES2L14	19'-11 1/2"
1	E-3	10ES2L14	19'-11 1/2"
2	G-8	8X25Z16	21'-1 1/2"
2	G-11	8X25Z14	21'-1 1/2"
2	G-12	8X25Z16	22'-3 1/2"
1	G-13	8X25C12	19'-11 1/2"
2	G-15	8X25C12	19'-11 1/2"
2	CB-2	CB0500	26'-4"

DATE	DWN.	CHK.	ENG.
03/28/19	MEZ	MEZ	RS
04/10/19	JMM	JMM	RS
05/07/19	JMM	JMM	RS

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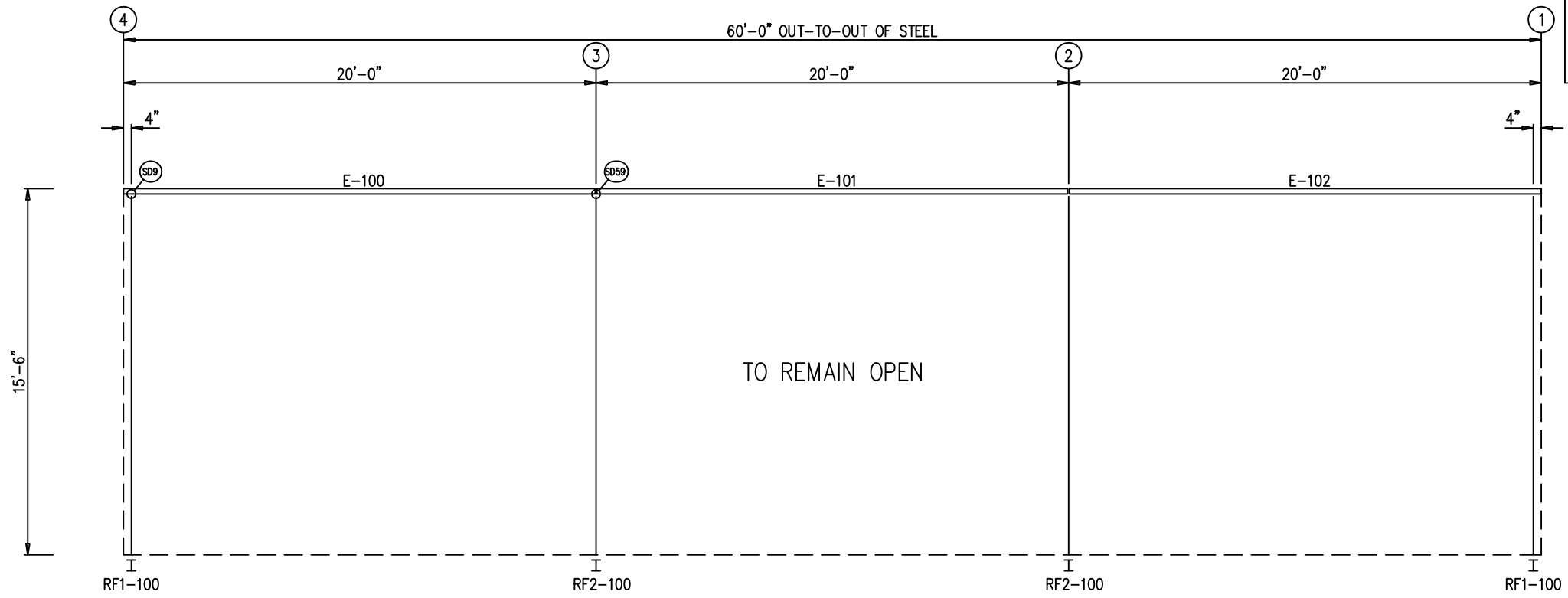
CUSTOMER NAME: DARRELL CHURCH	SHOP
PROJECT NAME: DARRELL CHURCH	CUSTOMER PHONE NUMBER: 281.352.8566
PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511	CUSTOMER EMAIL: DARRELLC@LEXICON-INC.COM
PROJECT COUNTY: BRAZORIA	SCALE: N.T.S.
PROJECT END USE:	
SHEET NUMBER: 12 OF 21	
JOB NUMBER: 92368	
SHEET TITLE: SIDEWALL FRAMING & SHEETING FOR BLDG A	



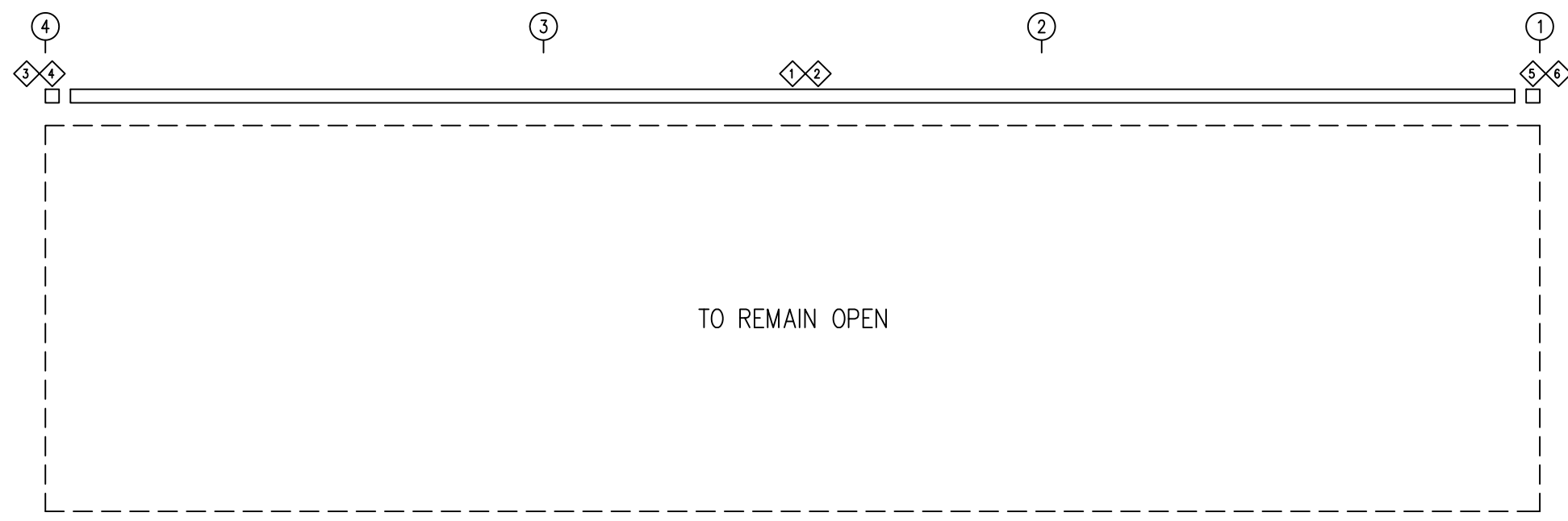
SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. PBR - Light Stone  
 [A] PANELS: 26 Ga. PBR - Rustic Red

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



SIDEWALL FRAMING: FRAME LINE E



SIDEWALL SHEETING & TRIM: FRAME LINE E

ID	QUAN	MARK	LENGTH	DETAIL
1	2	FL-29	20'-2"	TD20
2	3	FL-500	20'-2"	TD20
3	1	FL-29L	11'-2"	TD85
4	1	FL-30L	9 1/2"	TD13
5	1	FL-29R	11'-2"	TD85
6	1	FL-30R	9 1/2"	TD13

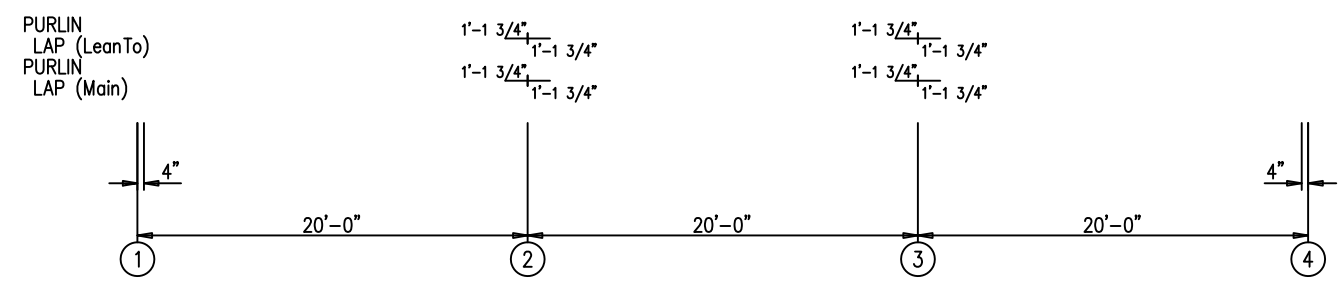
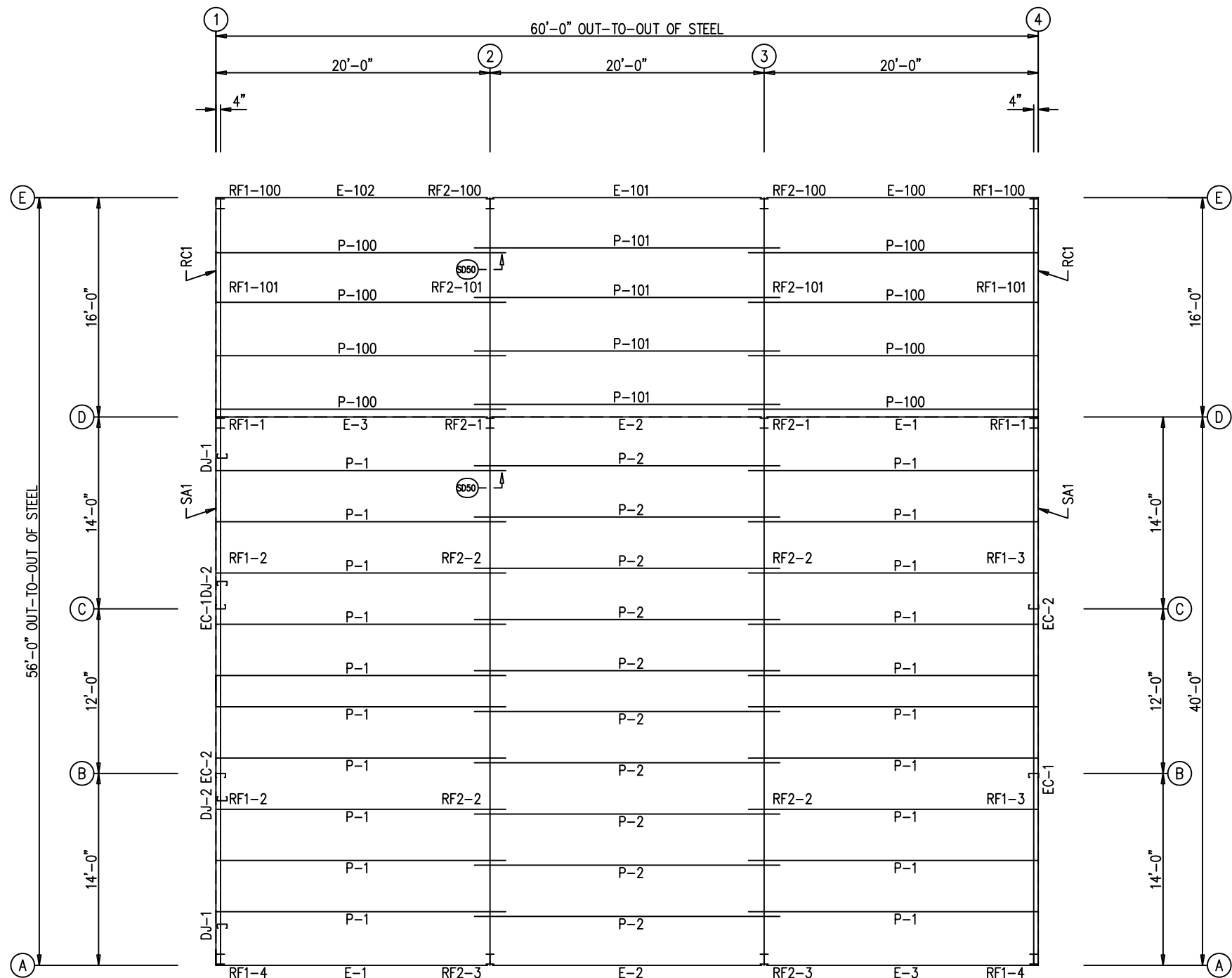
QUAN	MARK	PART	LENGTH
1	E-100	10ES2L14	19'-11 1/2"
1	E-101	10ES2L14	19'-11 1/2"
1	E-102	10ES2L14	19'-11 1/2"

DATE	DWN.	CHK.	ENG.
03/28/19	MEZ	RS	
04/10/19	JMM	RS	
05/07/19	JMM	RS	

3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
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CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	13 OF 21
JOB NUMBER:	92368
SHEET TITLE:	SIDEWALL FRAMING & SHEETING FOR BLDG B

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY THE METAL BUILDING SUPPLIER. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF THE METAL BUILDING SUPPLIER. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY THE METAL BUILDING SUPPLIER 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				CHK.	ENG.
ROOF PLAN				RS	RS
QUAN	MARK	PART	LENGTH	MEZ	JMM
BldgA					
20	P-1	10X25Z16	21'-1 1/2"		
10	P-2	10X25Z16	22'-3 1/2"		
2	E-1	10ES2L14	19'-11 1/2"		
2	E-2	10ES2L14	19'-11 1/2"		
2	E-3	10ES2L14	19'-11 1/2"		
BldgB					
8	P-100	10X35Z14	21'-1 1/2"		
4	P-101	10X35Z14	22'-3 1/2"		
1	E-100	10ES2L14	19'-11 1/2"		
1	E-101	10ES2L14	19'-11 1/2"		
1	E-102	10ES2L14	19'-11 1/2"		

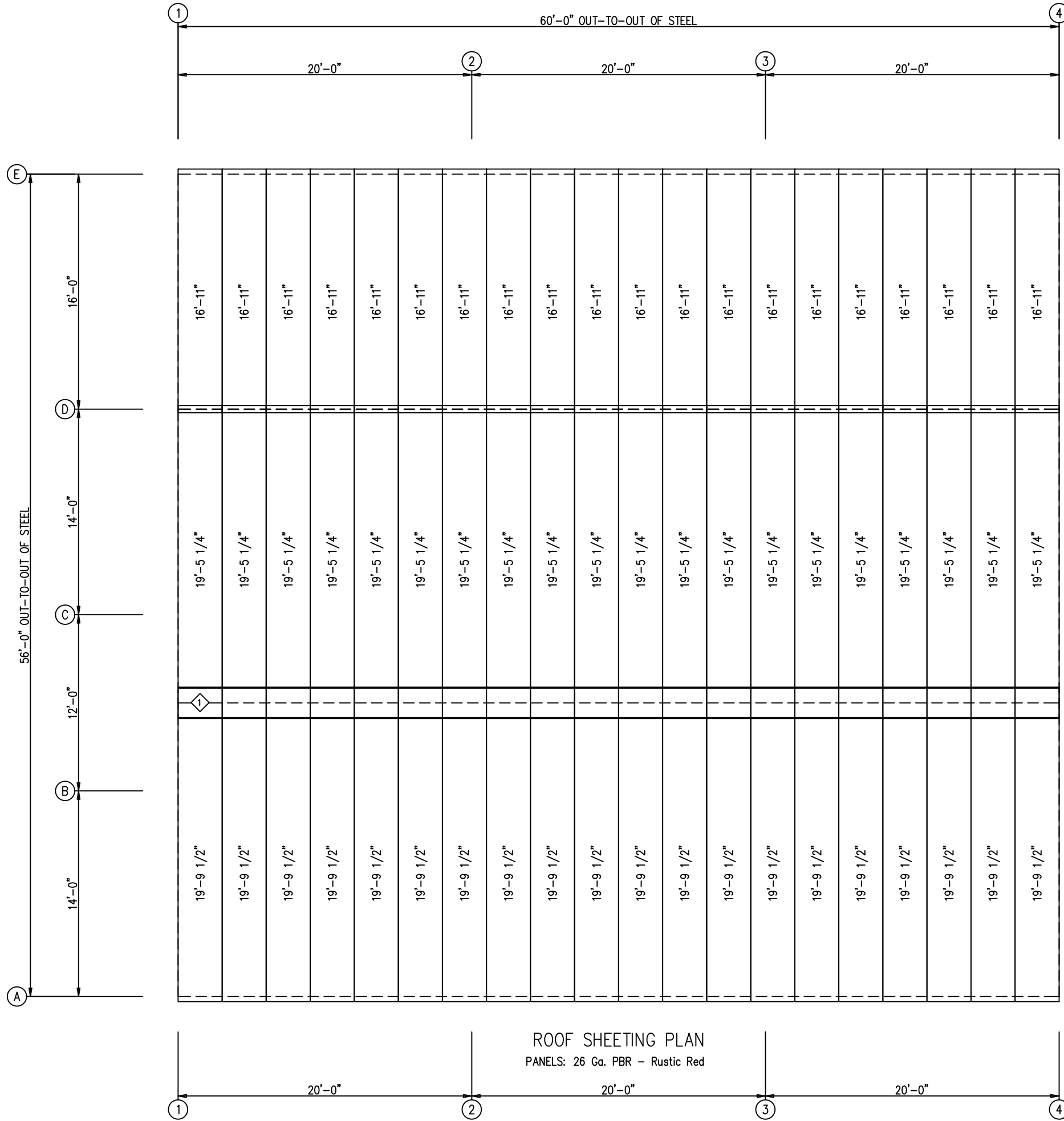
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	03/28/19	MEZ		
PERMIT	04/10/19	JMM		
ERECTION	05/07/19	JMM		

3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@LEXICON-INC.COM
SCALE:	N. T. S.
SHEET NUMBER:	14 OF 21
JOB NUMBER:	92368
SHEET TITLE:	ROOF FRAMING FOR BLDGS A & B

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

ID	QUAN	MARK	LENGTH	DETAIL
1	20	PS-26R	3'-0"	TD8



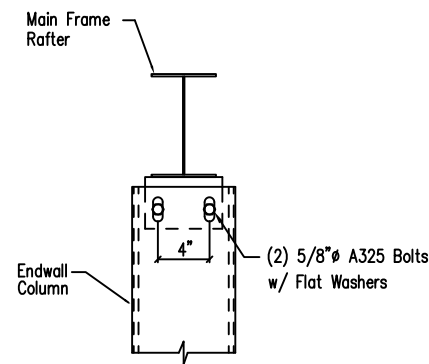
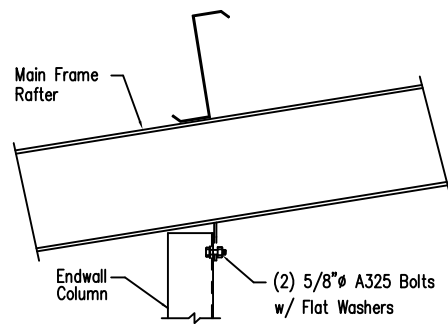
ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	03/28/19	MEZ	MEZ	RS
PERMIT	04/10/19	JMM	JMM	RS
ERECTION	05/07/19	JMM	JMM	RS



3025 S. PARKER RD SUITE 810  
AURORA, CO 80014  
PHONE: (800)-497-2135  
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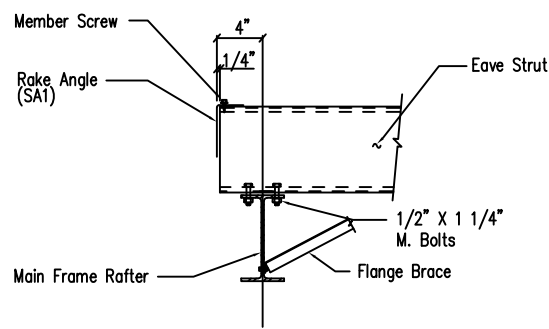
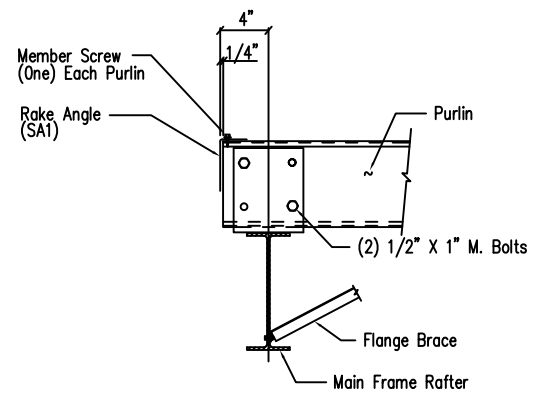
CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELL@LEXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	15 OF 21
JOB NUMBER:	92368
SHEET TITLE:	ROOF SHEETING FOR BLDGS A & B

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



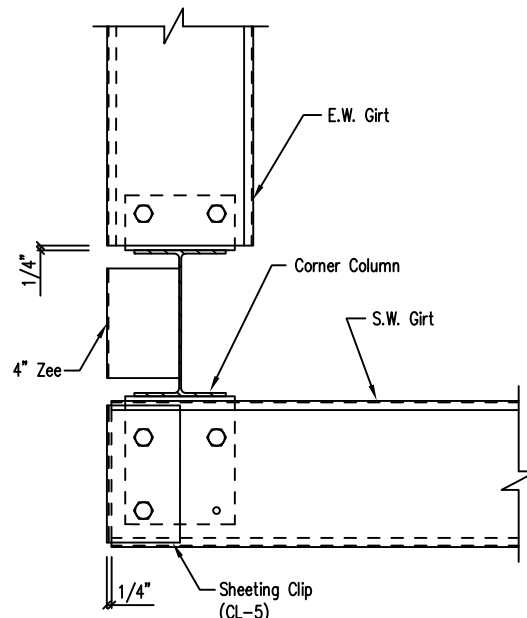
Cold Formed Column to Main Frame Rafter

DRAWING NO.  
SD8



Main Frame Rafter Connection  
PURLIN & EAVE STRUT CONNECTION

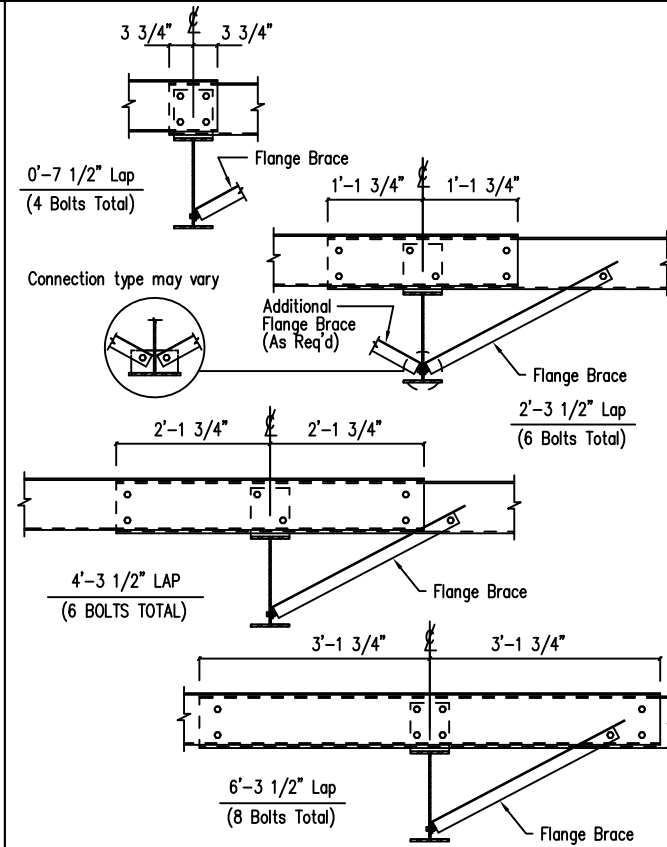
DRAWING NO.  
SD9



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

Section at Hot Rolled Corner Column  
Flush Endwall - By-Pass Sidewall

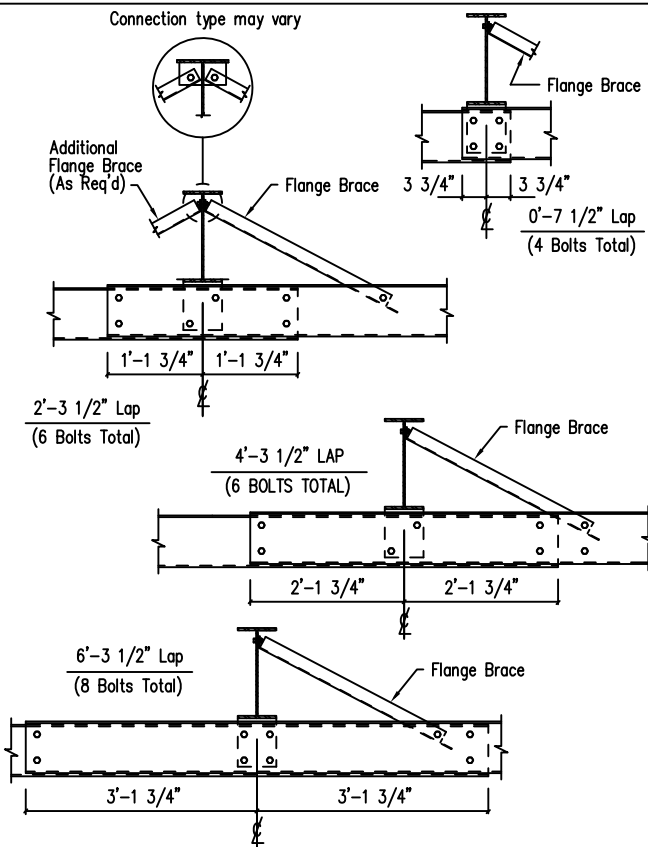
DRAWING NO.  
SD30



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

Interior Bay Purlin Framing

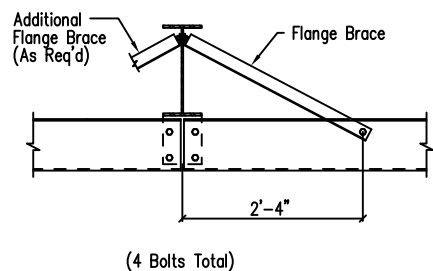
DRAWING NO.  
SD50



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

Interior Bay Girt Framing

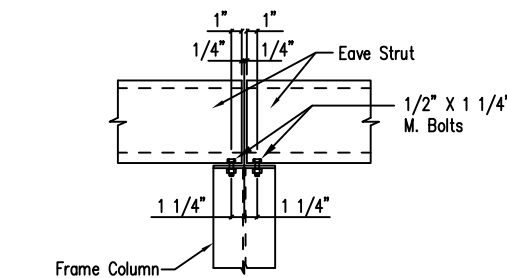
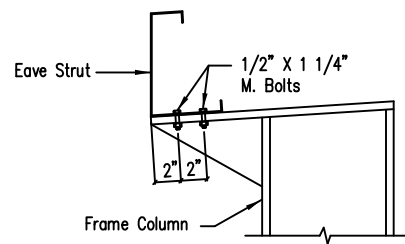
DRAWING NO.  
SD51



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

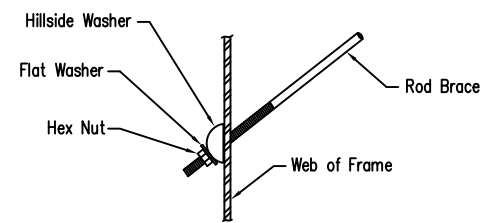
Simple Span Girt Framing

DRAWING NO.  
SD52

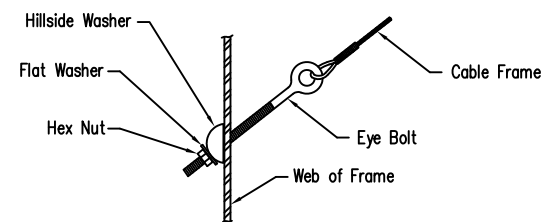


Eave Strut at Interior Column  
By-Pass Sidewall

DRAWING NO.  
SD59



Rod Brace to Frame Detail



Cable Brace to Frame Detail

Cable or Rod Brace to Frame Connection

DRAWING NO.  
SD66

DATE	DWN.	CHK.	ENG.
03/28/19	MEZ	RS	RS
04/10/19	JMM	JMM	RS
05/07/19	JMM	JMM	RS

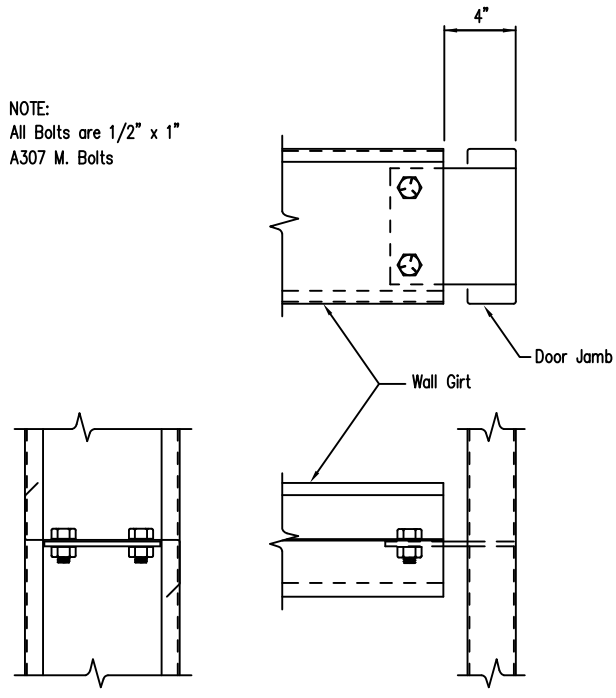
3025 S. PARKER RD SUITE 810  
AURORA, CO 80014  
PHONE: (800)-497-2135  
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME: DARRELL CHURCH	PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY: BRAZORIA	PROJECT END USE: SHOP
CUSTOMER PHONE NUMBER: 281.352.8566	CUSTOMER EMAIL: DARRELLC@EXICON-INC.COM
SCALE: N.T.S.	SHEET NUMBER: 16 OF 21
JOB NUMBER: 92368	SHEET TITLE: DETAIL DRAWINGS

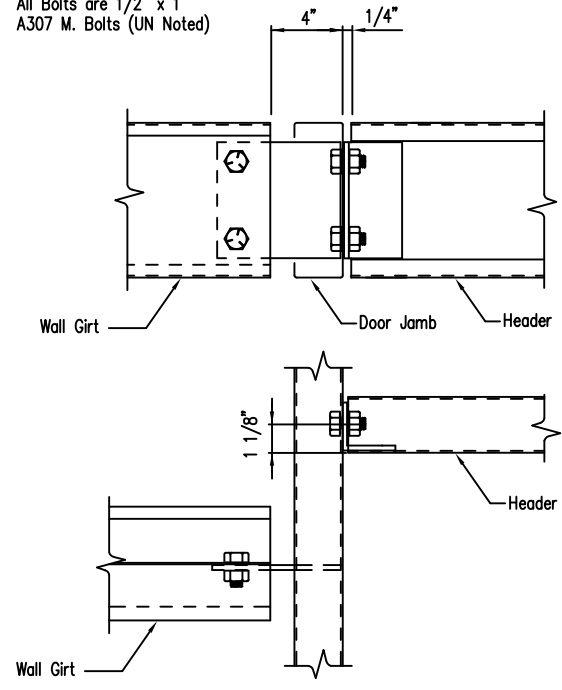
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY THE METAL BUILDING SUPPLIER. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF THE METAL BUILDING SUPPLIER. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY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



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



NOTE:  
All Bolts are 1/2" x 1"  
A307 M. Bolts (UN Noted)



Girt to Jamb

DRAWING NO.  
SD96

Girt/Header to Jamb

DRAWING NO.  
SD98

CUSTOMER NAME: DARRELL CHURCH  
 PROJECT NAME: DARRELL CHURCH  
 PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511  
 PROJECT COUNTY: BRAZORIA  
 PROJECT END USE: SHOP  
 CUSTOMER PHONE NUMBER: 281.352.8566  
 CUSTOMER EMAIL: DARRELLC@LEXICON-INC.COM  
 SCALE: N.T.S.

17 OF 21

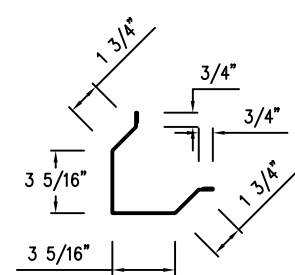
92368

DETAIL DRAWINGS

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	03/28/19	MEZ	RS	RS
PERMIT	04/10/19	JMM	JMM	RS
ERECTION	05/07/19	JMM	JMM	RS

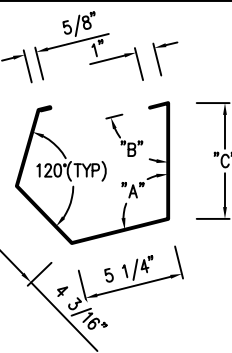
**GWB**  
 3025 S. PARKER RD SUITE 810  
 AURORA, CO 80014  
 PHONE: (800)-497-2135  
 WWW.GREATWESTERNBUILDINGS.COM

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



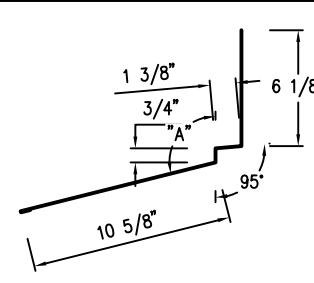
OUTSIDE CORNER TRIM (FL-10)

TRIM BEND CHART			
ROOF SLOPE	DIM. "A"	DIM. "B"	DIM. "C"
1/2"	92"	88"	5 7/8"
1"	95"	85"	5 7/8"
2"	99"	81"	6"
3"	104"	76"	6 1/8"
4"	108"	72"	6 1/4"
5"	113"	67"	6 3/8"
6"	117"	63"	6 5/8"

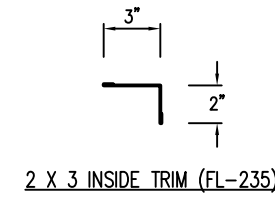


GUTTER TRIM (FL-32)

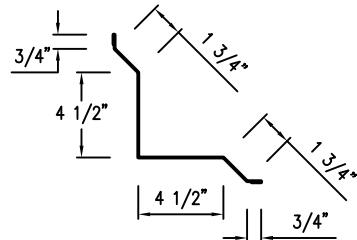
TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	92"
1"	95"
2"	99"
3"	104"
4"	108"
5"	113"
6"	117"



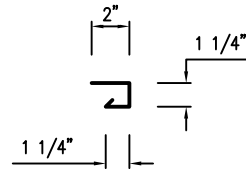
HIGH EAVE TRIM (FL-65)



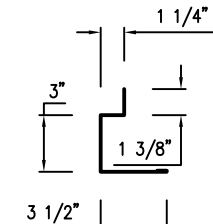
2 X 3 INSIDE TRIM (FL-235)



INSIDE CORNER TRIM (FL-12)

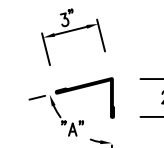


JAMB TRIM (FL-48)

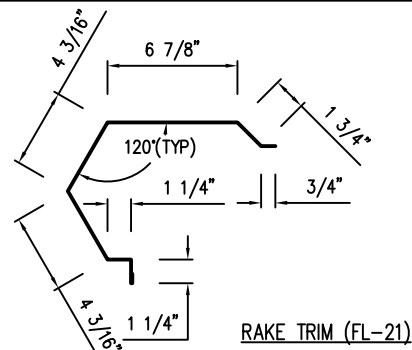


RAKE SPACER TRIM (FL-78)

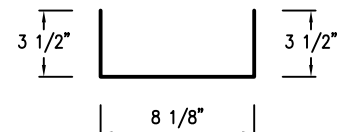
TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	88"
1"	85"
2"	81"
3"	76"
4"	72"
5"	67"
6"	63"



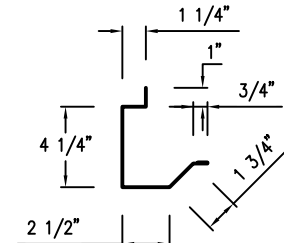
2 X 3 INSIDE TRIM (FL-236)



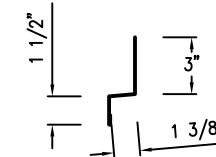
RAKE TRIM (FL-21)



COVER TRIM (FL-55)

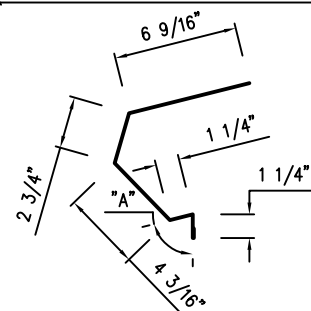


RAKE SPACER TRIM (FL-79)



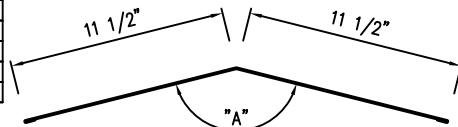
WAINSCOT TRANSITION TRIM (FL-237)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	88"
1"	85"
2"	81"
3"	76"
4"	72"
5"	67"
6"	63"



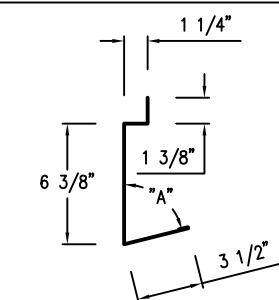
LOW EAVE TRIM (FL-29)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	175"
1"	170"
2"	161"
3"	152"
4"	143"
5"	135"
6"	127"



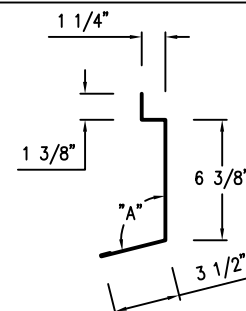
FLAT RIDGE CAP (FL-56)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	88"
1"	85"
2"	81"
3"	76"
4"	72"
5"	67"
6"	63"



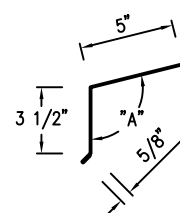
LOW EAVE SPACER TRIM (FL-80)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	92"
1"	95"
2"	99"
3"	104"
4"	108"
5"	113"
6"	117"

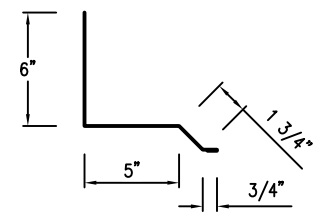


HIGH EAVE SPACER TRIM (FL-241)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	92"
1"	95"
2"	99"
3"	104"
4"	108"
5"	113"
6"	117"

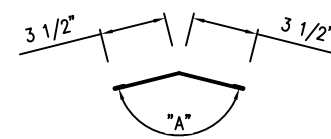


LOW EAVE TRIM (FL-31)



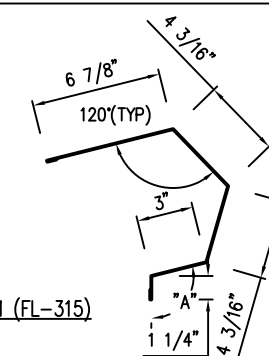
RAKE PARAPET TRIM (FL-57)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	175"
1"	170"
2"	161"
3"	152"
4"	143"
5"	135"
6"	127"



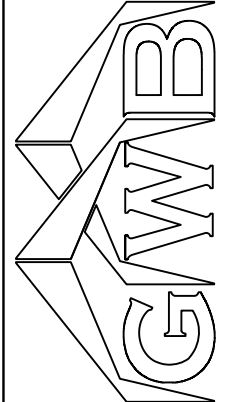
PEAK TRIM (FL-88)

TRIM BEND CHART	
ROOF SLOPE	DIM. "A"
1/2"	92"
1"	95"
2"	99"
3"	104"
4"	108"
5"	113"
6"	117"



HIGH EAVE TRIM (FL-315)

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	03/28/19	MEZ	RS	
PERMIT	04/10/19	JMM	RS	
ERECTION	05/07/19	JMM	RS	



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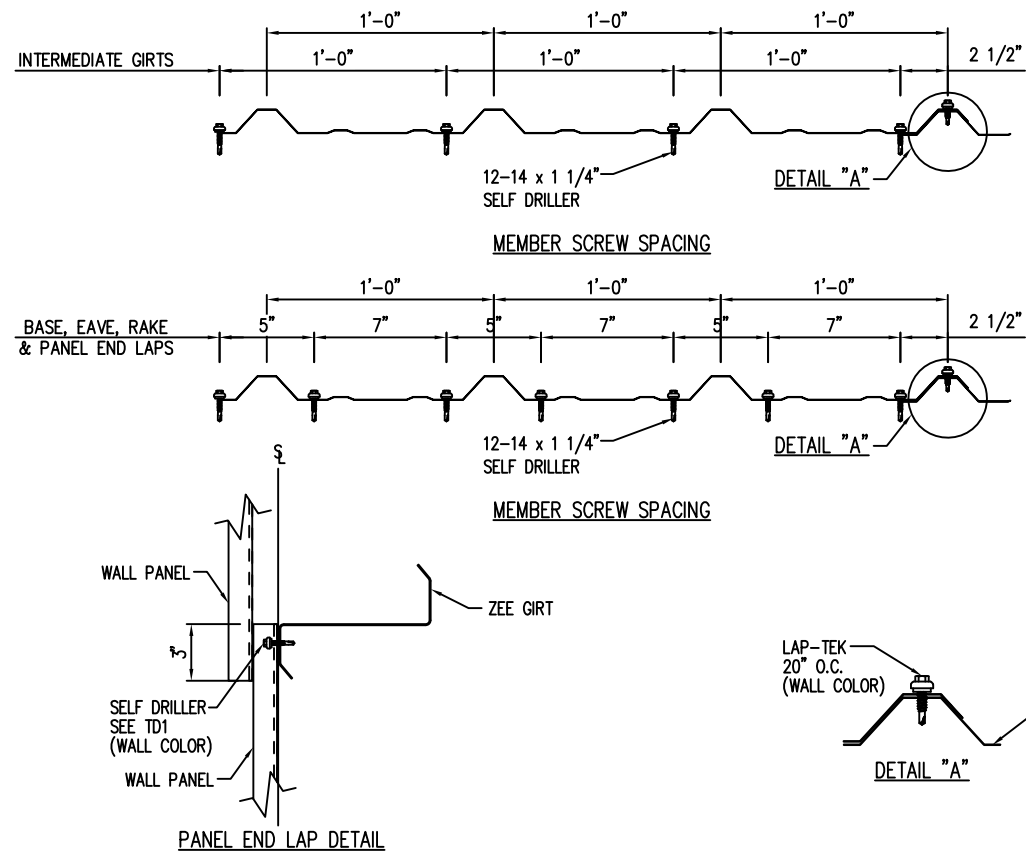
CUSTOMER NAME:	DARRELL CHURCH
PROJECT NAME:	DARRELL CHURCH
PROJECT LOCATION:	2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY:	BRAZORIA
PROJECT END USE:	SHOP
CUSTOMER PHONE NUMBER:	281.352.8566
CUSTOMER EMAIL:	DARRELLC@EXICON-INC.COM
SCALE:	N.T.S.
SHEET NUMBER:	18 OF 21
JOB NUMBER:	92368
SHEET TITLE:	DETAIL DRAWINGS

NOTE: TRIMS WILL HAVE 1/2" HEMS NOT SHOWN.

Trim Profiles - PBR

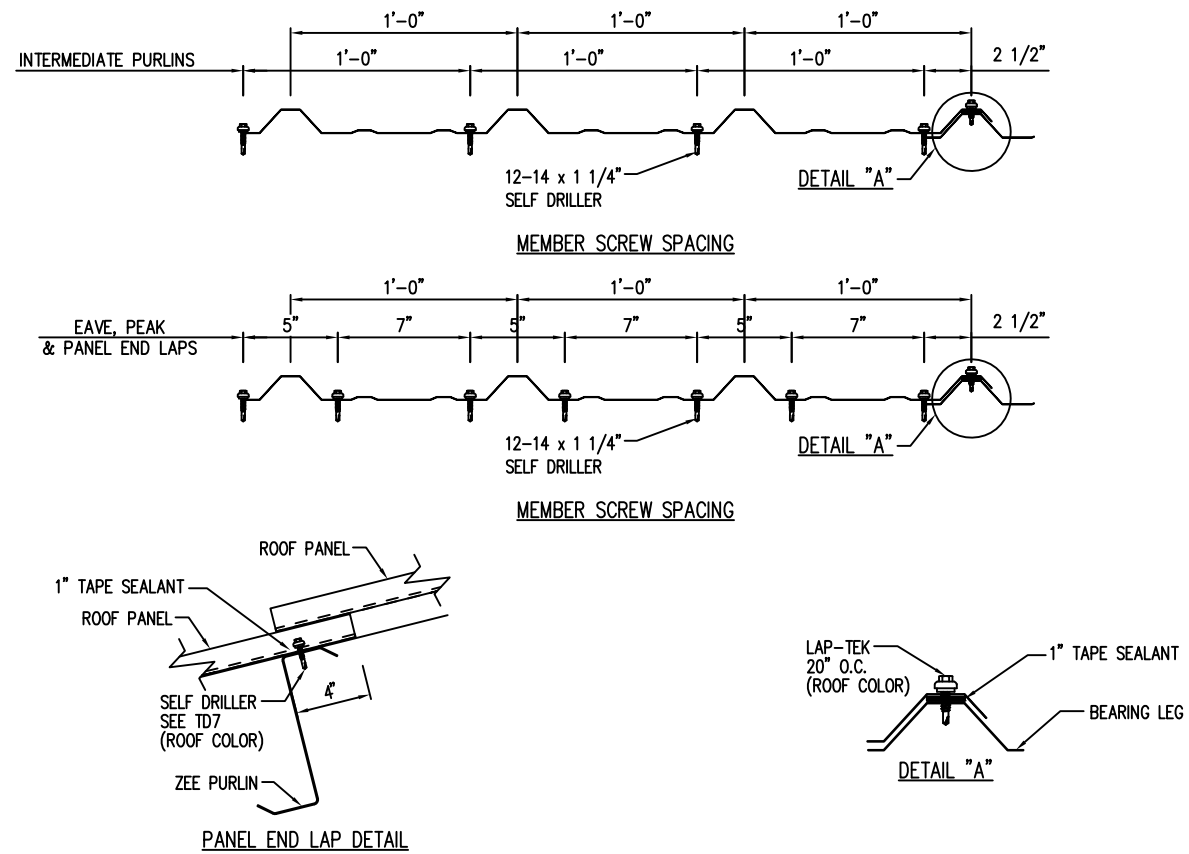
DRAWING NO.  
TDO

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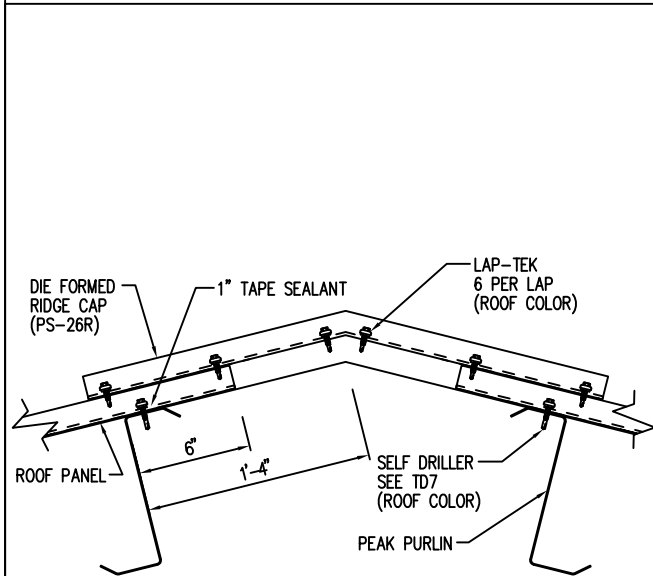
Fastener Location at Wall - PBR

DRAWING NO.  
TD1



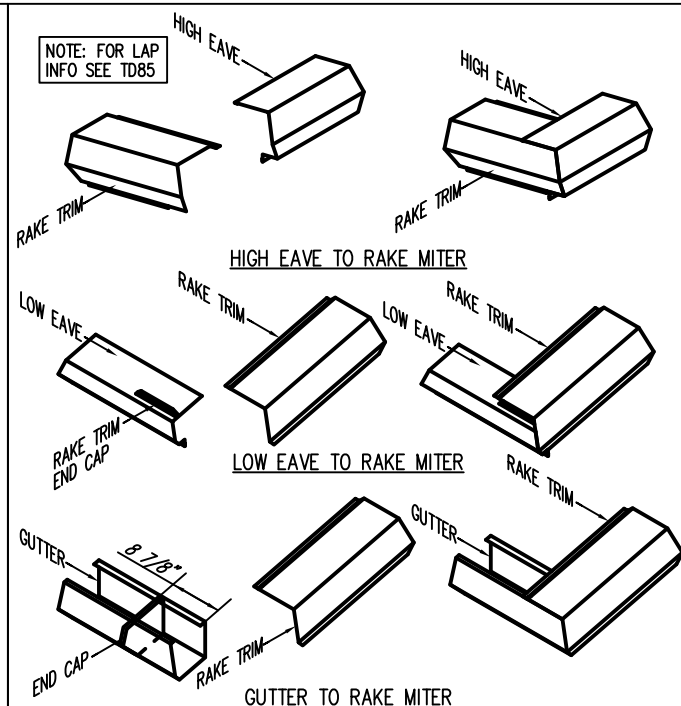
Fastener Location at Roof - PBR

DRAWING NO.  
TD7



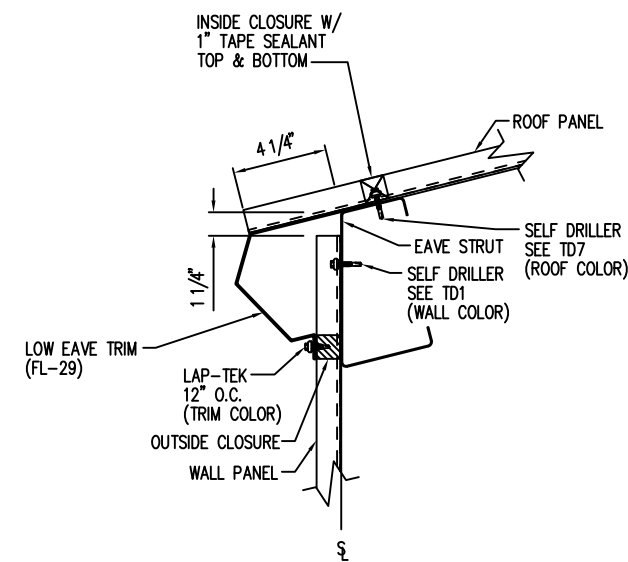
Die Formed Ridge Detail - PBR

DRAWING NO.  
TD8



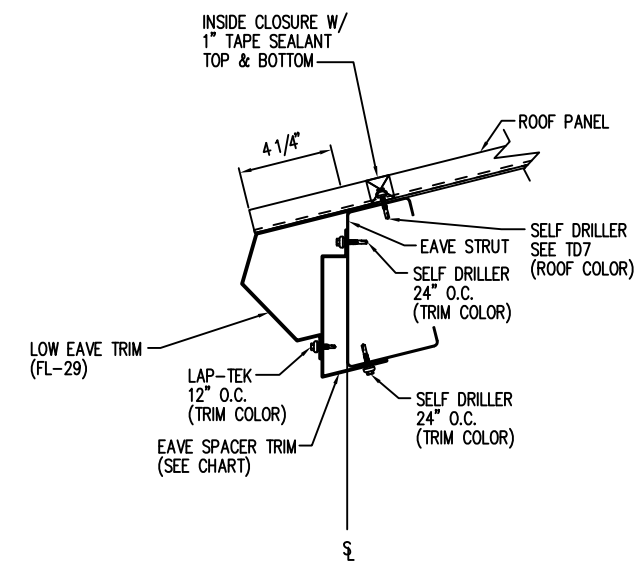
Sculptured Trim Detail - PBR

DRAWING NO.  
TD13



Low Eave Detail - PBR

DRAWING NO.  
TD16



Low Eave Detail - PBR

DRAWING NO.  
TD20

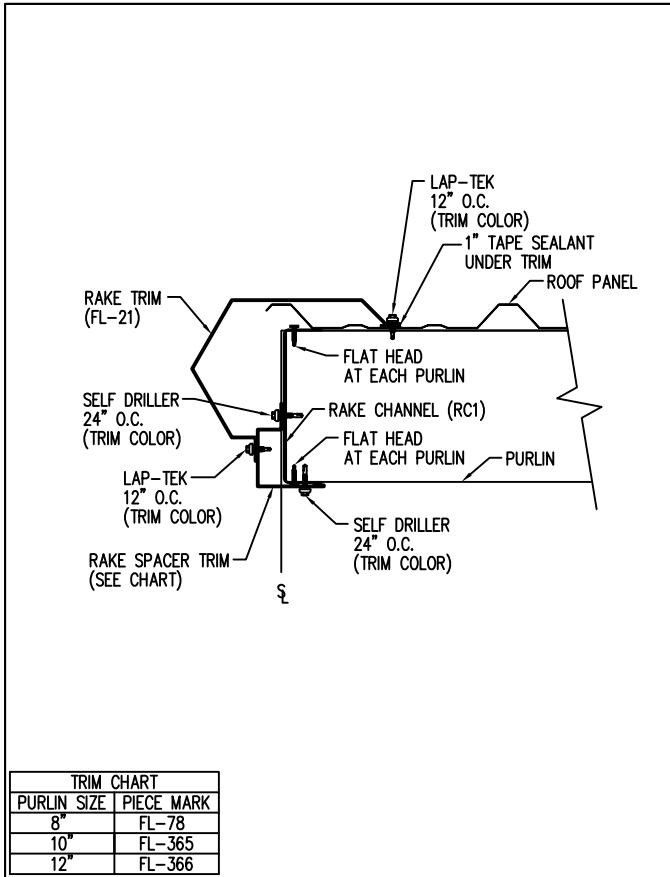
TRIM CHART	
PURLIN SIZE	PIECE MARK
8"	FL-80
10"	FL-500
12"	FL-500

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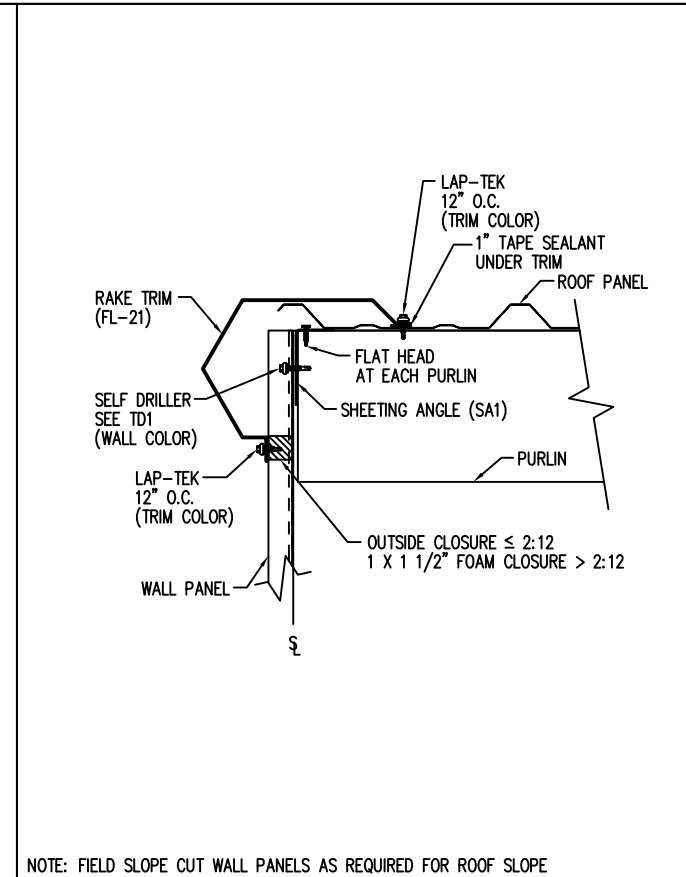
ISSUE	APPROVAL	PERMIT	ERECTION	DATE	DWN.	CHK.	ENG.
				03/28/19	MEZ	RS	RS
				04/10/19	JMM	JMM	RS
				05/07/19	JMM	JMM	RS

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3025 S. PARKER RD SUITE 810  
AURORA, CO 80014  
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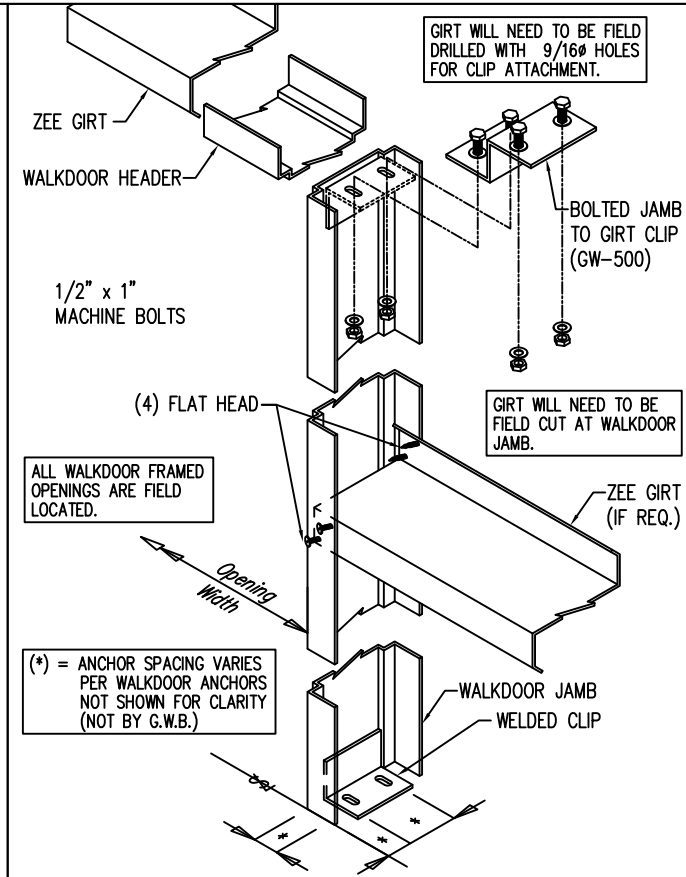
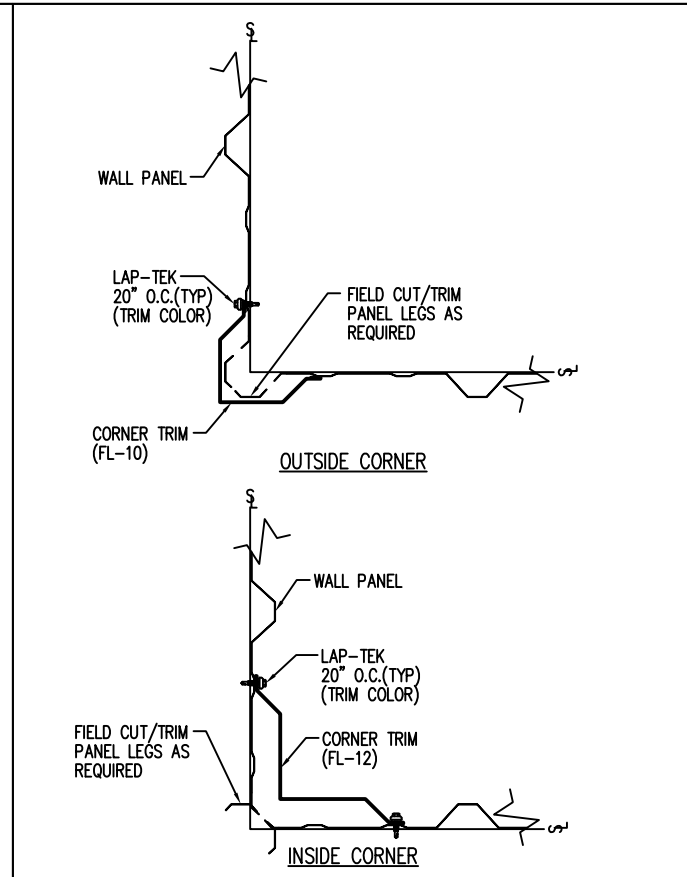
CUSTOMER NAME: DARRELL CHURCH	PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT NAME: DARRELL CHURCH	PROJECT COUNTY: BRAZORIA
PROJECT END USE: SHOP	CUSTOMER PHONE NUMBER: 281.352.8566
SCALE: N.T.S.	CUSTOMER EMAIL: DARRELLC@EXICON-INC.COM
SHEET NUMBER: 19 OF 21	JOB NUMBER: 92368
SHEET TITLE: DETAIL DRAWINGS	



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



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



ENG.	CHK.	DWN.	DATE	ISSUE	APPROVAL	PERMIT	ERECTOR	RS	MEZ	JMM	JMM	JMM	RS	RS	RS
			03/28/19												
			04/10/19												
			05/07/19												

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**Rake Detail - PBR**  
 Sculptured Rake - Open Wall - No Soffit

DRAWING NO.  
**TD25**

**Rake Detail - PBR**  
 Sculptured Rake - Sheeted Wall

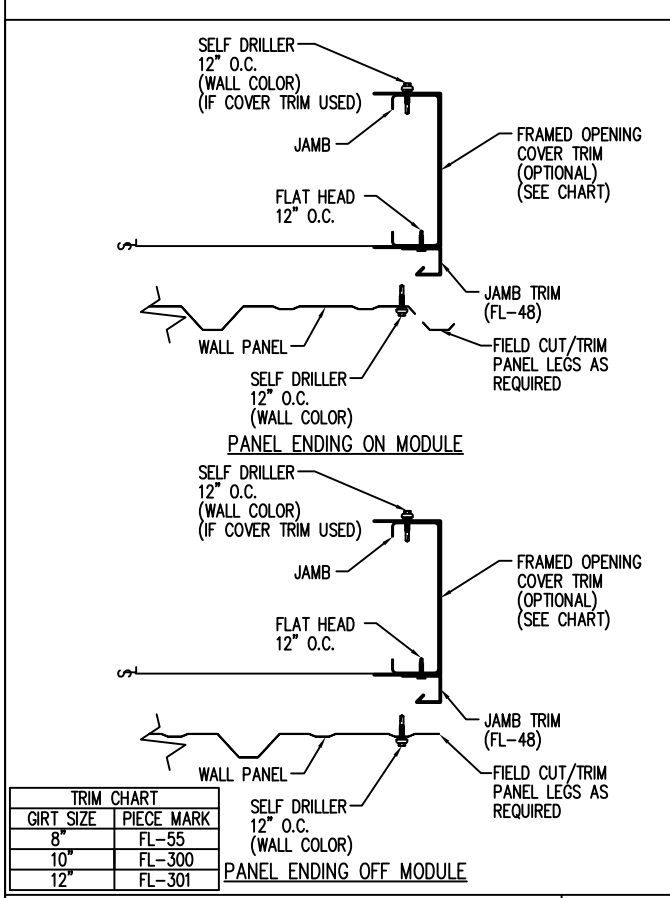
DRAWING NO.  
**TD35**

**Section at Corner Detail - PBR**

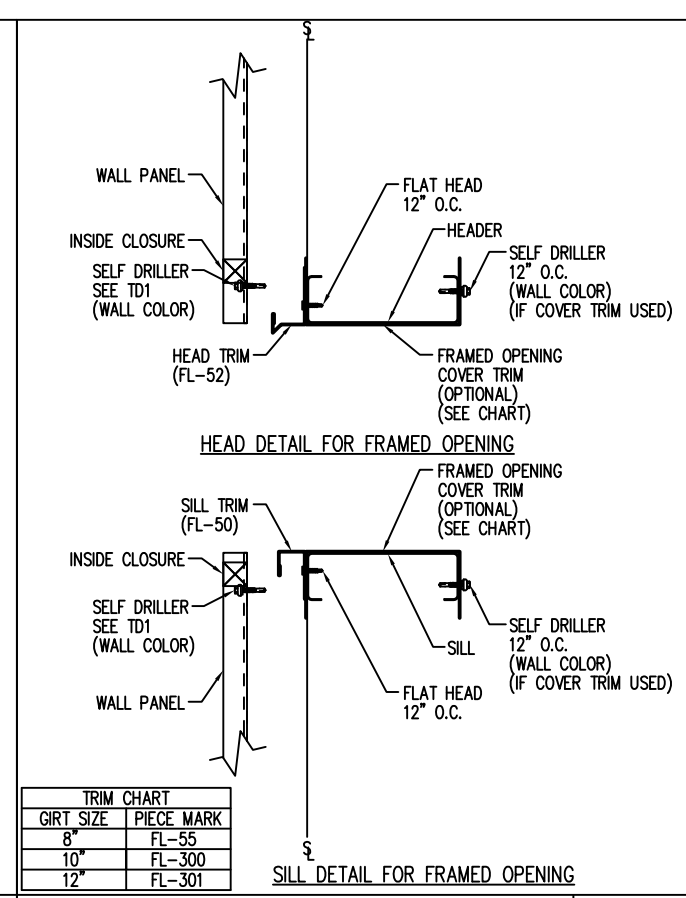
DRAWING NO.  
**TD40**

**Personnel Doors**

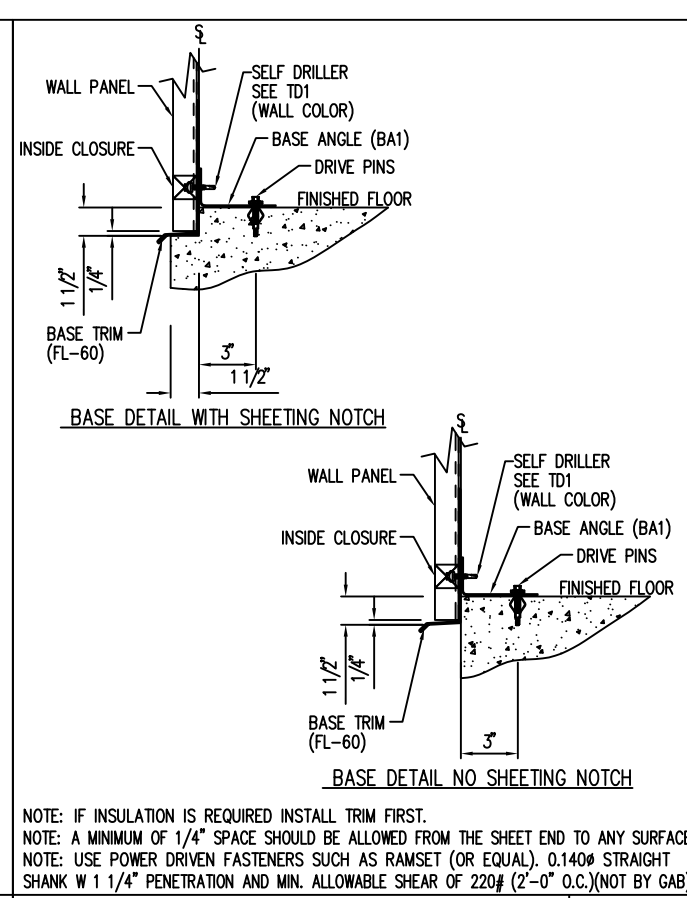
DRAWING NO.  
**TD50**



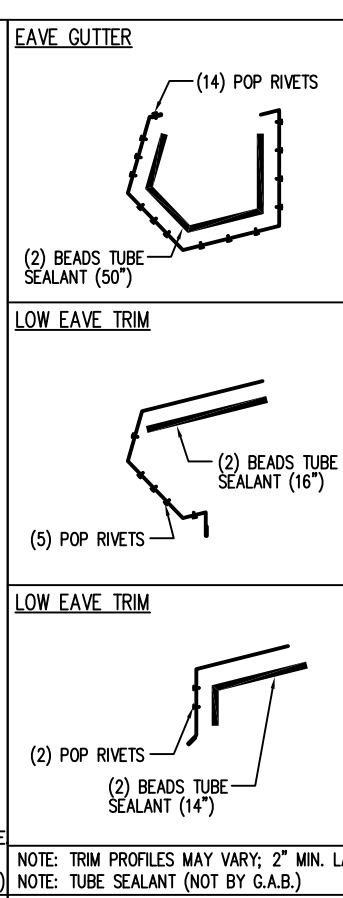
TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301



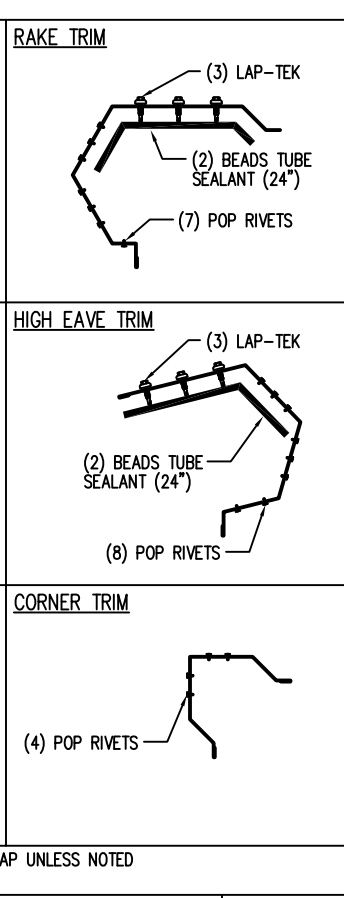
TRIM CHART	
GIRT SIZE	PIECE MARK
8"	FL-55
10"	FL-300
12"	FL-301



NOTE: IF INSULATION IS REQUIRED INSTALL TRIM FIRST.  
 NOTE: A MINIMUM OF 1/4" SPACE SHOULD BE ALLOWED FROM THE SHEET END TO ANY SURFACE  
 NOTE: USE POWER DRIVEN FASTENERS SUCH AS RAMSET (OR EQUAL). 0.1400" STRAIGHT SHANK W 1 1/4" PENETRATION AND MIN. ALLOWABLE SHEAR OF 220# (2'-0" O.C.) (NOT BY GAB)



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



**Framed Opening Jamb Detail - PBR**

DRAWING NO.  
**TD51**

**Framed Opening Head and Sill Details - PBR**

DRAWING NO.  
**TD52**

**Base Angle w/Trim Details**

DRAWING NO.  
**TD74**

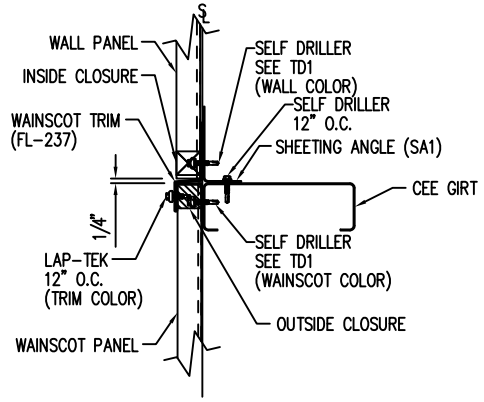
**Trim Laps - PBR Sculptured**

DRAWING NO.  
**TD85**

CUSTOMER NAME: DARRELL CHURCH  
 PROJECT NAME: DARRELL CHURCH  
 PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511  
 PROJECT COUNTY: BRAZORIA  
 PROJECT END USE: SHOP  
 CUSTOMER PHONE NUMBER: 281.352.8566  
 CUSTOMER EMAIL: DARRELLC@EXICON-INC.COM  
 SCALE: N.T.S.

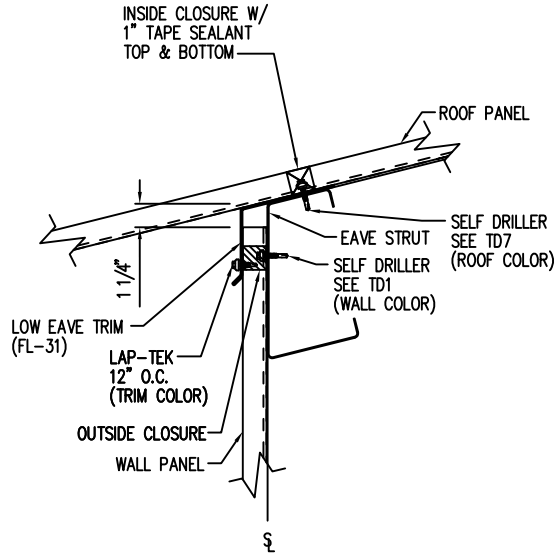
SHEET NUMBER: 20 OF 21  
 JOB NUMBER: 92368  
 SHEET TITLE: DETAIL DRAWINGS

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**Wainscot with Panel Break - PBR**  
Sheeted Wall - With Soffit

DRAWING NO.  
**TD198**



**Low Eave Detail - PBR**  
Flat Eave - Sheeted Wall

DRAWING NO.  
**TD199**

ISSUE	DATE	DWN.	CHK.	ENG.
APPROVAL	03/28/19	MEZ	RS	RS
PERMIT	04/10/19	JMM	JMM	RS
ERECTION	05/07/19	JMM	JMM	RS



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AURORA, CO 80014  
PHONE: (800)-497-2135  
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME: DARRELL CHURCH
PROJECT NAME: DARRELL CHURCH
PROJECT LOCATION: 2123 PARKER SCHOOL RD. ALVIN TX 77511
PROJECT COUNTY: BRAZORIA
PROJECT END USE: SHOP
CUSTOMER PHONE NUMBER: 281.352.8566
CUSTOMER EMAIL: DARRELLC@EXICON-INC.COM
SCALE: N.T.S.
SHEET NUMBER: 21 OF 21
JOB NUMBER: 92368
SHEET TITLE: DETAIL DRAWINGS

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