



# INLAND BUILDINGS

2141 SECOND AVENUE S.W.  
 CULLMAN, ALABAMA 35055  
 PHONE: 800-438-1606  
 FAX: 800-438-1626  
 www.inlandbuildings.com

## BUILDING DESCRIPTION

BUILDING SIZE: 75.00' x 125.00' x 20.46' x 23.58' SLOPE: 0.5:12  
 BUILDING SIZE: 50.00' x 25.00' x 21.50' x 23.58' SLOPE: 0.5:12  
 BUILDING SIZE: \_\_\_\_\_ SLOPE: \_\_\_\_\_  
 BUILDING SIZE: \_\_\_\_\_ SLOPE: \_\_\_\_\_

(BUILDING DIMENSIONS ARE NOMINAL, REFER TO PLANS)

This is to certify that this structure is designed utilizing the loads indicated and applied as required by the building code shown below. The certification is limited to the structural design of the framing and covering parts manufactured by the building manufacturer and is specified in the contract. Accessory items such as doors, window, louvers, translucent panels, and ventilators are not included. Also excluded are other parts of the project not provided by the building manufacturer such as foundations, masonry walls, mechanical equipment and erection of the building. The building should be erected on a properly designed foundation in accordance with the building manufacturer's design manual, the attached drawings and good erection practices.

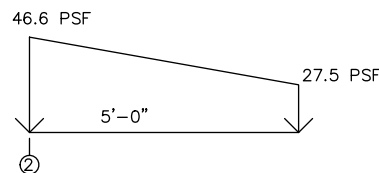
Design Code NCBC 18

	BUILDING "A"		BUILDING "B"	
<b>General Loads</b>				
Roof Dead Load (D)	2.50	psf	2.50	psf
Roof Collateral Load (C)	5.00	psf	5.00	psf
Roof Live Load (Lr)	20.00	psf	20.00	psf
Tributary Live Load Reduction	No		No	
<b>Snow Load</b>				
Flat-Roof Snow Load (Pf)	7.7000	psf		psf
Ground Snow Load (Pg)	10.0000	psf	10.0000	psf
Min. Snow (Low Slope) (Pmin)	11.0000	psf		psf
Snow Exposure Factor (Ce)	1.0000		1.0000	
Snow Load Importance Factor (Is)	1.1000		1.1000	
Thermal Factor (Ct)	1.00		1.00	
<b>Wind Load</b>				
Wind Speed (V 3S)	N/A		N/A	
Wind Speed (Vult & Vasd)	130.0000	mph	100.6975	mph
Occupancy / Risk Category	III- High		III- High	
Wind Exposure Category	B		B	
Internal Pressure Coefficient (GCpi)	+/- 0.18		+/- 0.18	
Wind Enclosure	Enclosed		Enclosed	
Wind Importance Factor	N/A		N/A	
<b>Seismic Load</b>				
Seismic Importance Factor (Ie)	1.25		1.25	
Spectral Response Accelerations (Ss and S1)	0.1810	0.0850	0.1840	0.0860
Site Class	D		D	
Spectral Response Coefficients (Sds and Sd1)	0.1931	0.1360	0.196267648	0.137600688
Seismic Design Category	C		C	
Basic Seismic-Force-Resisting System(s) *				
	Longitudinal	Lateral	Longitudinal	Lateral
Total Design Base Shear (V)	7.91	Kips	8.66	Kips
Seismic Response Coefficient(s) (Cs)	0.0805		0.0805	
Response Modification Factor(s) (R)	3.0000		3.0000	
Analysis Procedure: Equivalent Lateral Force				

\* Steel Systems not Specifically Detailed for Seismic Resistance

ADDITIONAL LOADS:  
 BEAM ONLY BY IBS TO SUPPORT WOOD JOISTS BY OTHERS @ LINE 5A  
 LOADS: 100 PSF LIVE LOAD  
 20 PSF LIVE LOAD

SNOW DRIFT ON CANOPY



## PANEL, TRIM AND FRAMING INFORMATION

### ROOF PANELS

TYPE: PBR GAUGE: 26 COLOR: Galvalume  
 UL90 CERTIFICATION: Yes  
 INSULATION: 6 & 3.5 in. Simple Saver(By Others)  
 MASTIC: Wide  
 IF STANDING SEAM: CLIP TYPE: \_\_\_\_\_

### WALL PANELS

TYPE: PBR GAUGE: 26 COLOR: Bone White (Kynar)  
 INSULATION: 8 in. Simple Saver(By Others)

### CANOPY SOFFIT PANELS

TYPE: PBU GAUGE: 26 COLOR: TBD

### CANOPY ROOF PANELS

TYPE: PBR GAUGE: 26 COLOR: TBD

### TRIM

RAKE: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 EAVE: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 GUTTER: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 DOWNSPOUT: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 VALLEY GUTTER: \_\_\_\_\_ COLOR: N/A  
 HEADER: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 SILL: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 JAMB: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 BASE TRIM: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 CORNER: \_\_\_\_\_ COLOR: Bone White (Kynar)  
 LINER: \_\_\_\_\_ COLOR: N/A  
 SOFFIT: \_\_\_\_\_ COLOR: N/A  
 FASCIA SILL: \_\_\_\_\_ COLOR: N/A  
 CAP TRIM: \_\_\_\_\_ COLOR: N/A

### PRIMARY FRAMING

(MAIN FRAMES & ENDWALL FRAMES) Red-Oxide  
 (WIND COLUMNS & BENTS)

### SECONDARY FRAMING

(GIRTS, EAVE STRUTS, PURLINS Red-Oxide  
 DOOR/FRAMED OPNG. & CLIPS ETC.)

DN 2

For Permit These drawings, being For permit, are by definition Not final In that, as a minimum, piece marks are Not identified.

Only drawings issued "For Construction" can be considered complete.

DN 9

Loads, as noted, are as given within order documents And are applied in general accordance with the applicable provisions of the model code And/Or specification indicated. Neither the manufacturer nor the certifying engineer declares Or attests that the loads as designated are proper for local provisions that may apply Or for site specific parameters. The manufacturer's engineer's certification is limited to designs supplied by and/or engineer of record for the overall construction project.

DN 10

This metal building system is designed as enclosed. All exterior components (i.e. doors, windows, vents, etc.) must be designed to withstand the specified wind loading for the design of components and cladding in accordance with the specified building code. Doors are to be closed when a maximum of 50% of design wind velocity is reached.

DN 18

X-Bracing is to be installed to a taut condition with all slack removed. Do not tighten beyond this state.

DN 19

The framing as shown at the REW Line 7 & LEW Line 1 is not designed for future expansion. Corresponding frame reactions are calculated based upon actual tributary area.

DN 27

Per ASCE 7-10 this structure qualifies and was designed as a fully enclosed structure.

DN 28

The framed opening support members provided are designed ONLY for wind load forces exerted "normal (perpendicular) to the opening". No additional loads are included.

DRAWING INDEX		
ISSUE	PAGE	DESCRIPTION
A	C1 OF 2	COVER PAGE
A	C2 OF 2	NOTES PAGE
0	F1 OF 5	ANCHOR ROD PLAN
0	F2 OF 5	ANCHOR ROD DETAILS
0	F3 OF 5	REACTIONS
0	F4 OF 5	REACTIONS
0	F5 OF 5	REACTIONS
A	E1 OF 14	ROOF PLAN
A	E2 OF 14	ROOF SHEETING
A	E3 OF 14	CROSS SECTION
A	E4 OF 14	CROSS SECTION
A	E5 OF 14	CROSS SECTION
A	E6 OF 14	CROSS SECTION
A	E7 OF 14	CROSS SECTION
A	E8 OF 14	CROSS SECTION
A	E9 OF 14	SIDEWALL ELEVATION
A	E10 OF 14	SIDEWALL ELEVATION
A	E11 OF 14	SIDEWALL ELEVATION
A	E12 OF 14	ENDWALL ELEVATION
A	E13 OF 14	ENDWALL ELEVATION
A	E14 OF 14	ENDWALL ELEVATION
A	D1 OF 5	DETAIL PAGES
A	D2 OF 5	DETAIL PAGES
A	D3 OF 5	DETAIL PAGES
A	D4 OF 5	DETAIL PAGES
A	D5 OF 5	DETAIL PAGES

IAS Certification Accredited  
 Certification # MB-205

DSN. APR.	APR. DATE
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FRED F. RADFAR P.E.  
 30 WINDERMERE LANE  
 HOUSTON, TEXAS 77063  
 fred@radfarpe.com  
 NORTH CAROLINA LICENSE  
 #010295 EXP. 12/31/24

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D	OWNER OR PROJECT	DESCRIPTION	COVER PAGE
	A	7/11/24	FOR PERMIT	SDP	RD	Antioch Church of Erwin	CUSTOMER MCPHAIL METAL STRUCTURES
<input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.		<input checked="" type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.		<input type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.		494 ANTIOCH CHURCH RD DUNN, NC 28334 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318	
JOBSITE LOCATION: 494 ANTIOCH CHURCH RD DUNN, NC 28334		ADDRESS: 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318		CAD BY: SDP ENGR BY: FR DATE: 7/11/24 SCALE: N.T.S.		JOB NO.: 198812 PH BLDG. DESC.: SHEET NO.: C1 of 2 ISSUE: A	

**GENERAL NOTES**

- The seal that appears on these drawings is the seal of the engineer for this building manufacturer who is NOT the engineer of record.
- This building manufacturer is not responsible for errors, omissions or damages incurred in the erection of building components, nor for the inspection of erected components to ascertain same.
- Temporary bracing must be installed by erector to provide adequate stability during erection. Bracing indicated on the erection drawings is critical to the stability of the completed structure and shall not be removed.
- Wall and liner panels are an integral part of the structural system. Unauthorized removal of panels is prohibited.
- "Oil-canning", a perceived waviness inherent to light gauge metal, may exist. This condition does not affect the finish or structural integrity of the panel, and is therefore not a cause for rejection.
- Trim part marks are as shown: ex. FL-32-20'-2"

**APPROVAL NOTES**

The following conditions apply in the event that these drawings are used as approval drawings:

- A) It is imperative that any changes to these drawings:
- Be made in contrasting ink.
  - Have all instances of change clearly indicated.
  - Be legible and unambiguous.
- B) Dated signature is required on all pages.
- C) Manufacturer reserves the right to re-submit drawings with extensive or complex changes required to avoid misfabrications. This may impact the delivery schedule.
- D) Approval of these drawings indicates conclusively that the manufacturer has correctly interpreted the contract requirements, and further constitutes agreement that the building as drawn, or as drawn with indicated changes represents the total of the materials to be supplied by manufacturer.
- E) Any changes noted on the drawings not in conformance with the terms and requirements of the contract between manufacturer and its customer are not binding on manufacturer unless subsequently specifically acknowledged and agreed to in writing by change order or separate documentation. Manufacturer recognizes that rubber stamps are routinely used in indicating approval, disapproval, rejection, or mere review of the drawings submitted. However, manufacturer does not accept changes or additions to contractual terms and conditions that may appear with the use of a stamp or similar indication of approval, disapproval, etc. Such language applied to the manufacturer's drawings by the customer, architect, engineer, or any other party will be considered as unacceptable alterations to these drawing notes, and will not alter the contractual rights and obligations existing between manufacturer and its customer.

**SAFETY COMMITMENT**

The building manufacturer 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 the building manufacturer. 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, whether standard statutory or customary, should always be followed to help insure worker 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.

**BOLT TIGHTENING**

The proper tightening and inspection of all fasteners is the responsibility of the erector. All high strength (A325, A490) bolts and nuts must be tightened by the "turn-of-the nut" method unless otherwise specified by the end customer in the contract documents. Inspection of high strength bolt and nut installation by other than the erector must also be specified in the contract documents and the erector is responsible for ensuring that the installation and inspection procedures are compatible prior to the start of erection. (MBMA 2006 iv 6.9)

**BUILDER/CONTRACTOR RESPONSIBILITIES**

It is the responsibility of the builder/contractor to insure that all project plans and specifications 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 the building manufacturer or its design engineer is acting as the engineer of record or design professional for a construction project. The contractor must secure all required approval and permits from the appropriate agency as required. Approval of the manufacturer's drawings and calculations indicate that the building manufacturer correctly interpreted and applied the requirements of the contract drawings and specifications. (sect. 4.4.1 AISC code of standard practices, 13th ed.) Where discrepancies exist between the manufacturer's structural steel plans and the plans for other trades, the structural steel plans shall govern. (sect. 3.3 AISC code of standard practice 13th ed.) Design considerations of any material in the structure which are not furnished by the building manufacturer are the responsibility of the contractors and engineers other than the building manufacturer's engineer unless specifically indicated. The contractor is responsible for all erection of steel and associated work in compliance with the building manufacturer's "for erection installation" drawings. Products shipped to builder or his customer shall be inspected by builder immediately upon arrival. Claims for shortages or defective material, if not packaged, must be made to the manufacturer in writing within five (5) days after receipt of the shipment. However, if a defect is of such nature that reasonable visual inspection would fail to disclose it, then the claim must be made within five (5) days after the builder learns of the defect. The manufacturer will not be liable for any defect unless claim is made one (1) year after date of the original shipment by the manufacturer to builder or his customer. The manufacturer will be given a reasonable opportunity to inspect defective materials upon receipt of claim by builder. If a defect is of such nature that it can be remedied by a field operation at the job site without the necessity of returning the material to the manufacturer, then upon written authorization of the manufacturer, the builder may repair or cause the material to be repaired and the manufacturer will reimburse the builder for the cost of the repair in accordance with the written authorization. Unless noted otherwise, all bracing as shown and provided by the manufacturer for this building is required and shall be installed by the erector as a permanent part of the structure. Temporary supports, such as temporary guys, braces, false work, cribbing or other elements required for the erection operation will be determined and furnished and installed by the erector. These temporary supports will secure the steel framing, or any partly assembled steel framing, against loads comparable in intensity to those for which the structure was designed, resulting from wind, seismic forces and erection operations, but not the loads resulting from the performance of work by or the acts of others, nor such unpredictable loads as those due to tornado, explosion or collision. (sect. 7.10.3 AISC code of standard practice, 13th ed.) Design of gutter and downspout is a function of the rainfall intensity and area to be drained. Design parameters utilized are in accordance with the 2006 low rise building systems manual and/or the 12th edition of the architectural graphic standards, as applicable. Proper owner maintenance dictates that the drainage system be kept free of debris and/or ice at all times to ensure proper function of the gutter and downspout. In those cases where the owner/tenant of a property is unwilling or unable to provide proper maintenance, elimination of gutter should be considered as an alternative.

**PRODUCT CERTIFICATION**

The building manufacturer is member of the Metal Building Manufacturers Associations. The building manufacturer's fabrication and products are covered by one or more of the following certification:

- Approved fabricator of prefabricated buildings and components. Reference IAS(MB-205)
- City of Houston approved fabricator (registration no. 964)

**International Building Code (IBC)**

Material properties of steel plate used in the fabrication of primary rigid frames, and primary structural exclusive of cold-formed sections, conform to ASTM-A529 or A-572. Flanges with thickness of 1" or less and width of 12" or less conformed to A-529 with minimum yield point of 55,000 PSI. Flanges greater than 1/8" in thickness and 12" in width conformed to A-572 with min. yield point of 50,000 PSI. Flanges with a thickness greater than 1" thick and a width less than 12" conform to A-572 with a min. yield point of 50,000 PSI. Material properties of pipe sections conform to ASTM-A53 type E, Grade B with a min. yield point 35,000. Material properties of hot rolled steel members conform to the requirements of ASTM-A992 or A-572 with a min. yield point of 50,000 PSI. Material properties of cold formed light gauge steel members conform to ASTM-A1011 Grade 55 with a min. yield point of 55,000 PSI. Materials properties of roof/wall sheeting, base material conform to ASTM-A792 Grades 50 or 80 with min. yield point of 50,000 PSI an 80,000 PSI respectively, as required by design Coating & base material is 55% aluminum-zinc alloy in accordance with AZ55 for unpainted or AZ50 for painted specification. Cable utilized for bracing conforms to ASTM A475. Cable bracing is to be installed to a tout condition with all slack removed. Rod & angle utilized for bracing members conform to ASTM A36. Structural joints with ASTM A-325 high strength bolts, where indicated on the drawings, shall be assembled and the fasteners tightened in accordance with the bolt tightening procedure per MBMA '96 IV 6.9. All joints will be assembled without washers unless otherwise noted. All steel members except bolts, fasteners & cable shall receive one shop coat of iron oxide corrosion inhibitive primer, meeting the performance requirements of SSPC paint Specification #15. Shop & field inspections and associated fees are the responsibility of the contractor, unless stipulated otherwise in the contract.

**Packing List: 12345**

**Ship To: LUIS MARTINEZ**  
5487 FM 744  
PAWNDE, TX, 71576

**Truck ID: EXPRESS**

Carton ID	Piece Mark	Description	Dims/Qty	Length	Unit Weight	Gross Weight	Order#	Line#	CustPO#
<b>C128990 BUILDING SERVICE 0x2x0 661</b>									
	RF1-1	BUILT UP SECTION	2	8' 3-7/16"	124.0	248	12345	1	806790
	RF1-2	BUILT UP SECTION	2	10' 7-5/8"	154.0	308	12345	2	806790
	RF2-1	BUILT UP SECTION	1	8' 3-7/16"	125.0	125	12345	3	806790
<b>C128945 BUILDING SERVICE 0x2x0 100</b>									
	EC-1	ENDWALL COLUMN 8X35C16	2	8' 10-15/16"	27.5	55	12345	8	806790
	EC-2	ENDWALL COLUMN 8X35C16	2	11' 8-7/16"	33.3	67	12345	9	806790
	ER-1	ENDWALL RAFTER 8X35C14	2	8' 9-5/8"	25.1	50	12345	10	806790
	ER-2	ENDWALL RAFTER 8X35C14	2	8' 9-5/8"	25.1	50	12345	11	806790
<b>---PA12E9697B4--- 26ga PBR DESERT SAND PANEL 6MP 178x2x0 222</b>									
	LEFT ENDWALL	26GA PBR ENDWALL PANEL	2	14' 9-1/2"	39.5	79	12345	35	806790
	LEFT ENDWALL	26GA PBR ENDWALL PANEL	2	13' 9-1/2"	37.0	74	12345	39	806790
	LEFT ENDWALL	26GA PBR ENDWALL PANEL	2	12' 9-1/2"	34.5	69	12345	41	806790
<b>---C127443-BUNDLE ZEE 0x2x0 190</b>									
	G-1	ZEE 8 X 2-3/8 X 2-1/8 18GA RED OXIDE	4	4' 7-1/2"	12.7	51	12345	17	806790
	G-2	ZEE 8 X 2-3/8 X 2-1/8 18GA RED OXIDE	2	12' 7-1/2"	35.0	70	12345	18	806790
	G-3	ZEE 8 X 2-3/8 X 2-1/8 18GA RED OXIDE	4	4' 3-1/2"	11.7	47	12345	19	806790
	G-4	ZEE 8 X 2-3/8 X 2-1/8 18GA RED OXIDE	1	8' 1-1/2"	22.0	22	12345	20	806790
<b>---C127088-WAREHOUSE 0x2x0 222</b>									
		R PANEL OUTSIDE CLOSURE STRIP 36"	22		0.0	1	12345	81	806790
		TUBE CAULKING SILICONE CLEAR 10.3 OZ TUBE	14		1.1	16	12345	83	806790
		12 X 1-1/4 SELF DRILLING CARBON SCREW LIGHT STONE	750		0.0	15	12345	91	806790
<b>---C126431-trim box 1 21x2x0 149</b>									
		FL-S1 26GA EAVE TRIM - (ALL PANELS) - LIGHT STONE SMP	2	20' 2"	13.5	27	12345	59	806790
		FL-21 26GA SCULPTURE RAKE END - ("R PANEL) LIGHT STONE SMP	4	15' 3"	22.2	89	12345	60	806790
		FL-10 26GA CORNER TRIM - OUTSIDE ("R" AND "A" PANEL) DESERT SAND SMP	4	10' 0"	8.2	33	12345	63	806790

Page 1

**PACKING LIST EXAMPLE**

Customer	Job Number			
ABC CONSTRUCTION	12345			
Customer PO Number	PART NAME	DESCRIPTION	LENGTH	QTY
07522	LEFT ENDWALL	26 GA. PBR SIDEWALL PANEL	14'	9-1/2" 2
	LEFT ENDWALL	26 GA. PBR SIDEWALL PANEL	13'	9-1/2" 2
	LEFT ENDWALL	26 GA. PBR SIDEWALL PANEL	12'	9-1/2" 2
Carton ID	TRIM BUNDLE AND WAREHOUSE LABEL			
PA12E9697B4				

**TRIM BUNDLE AND WAREHOUSE LABEL**

Carton ID: **C126431**

Customer: **ABC CONSTRUCTION**

Job Number: **12345**

**BUNDLE LABEL EXAMPLES**

**BUILT UP, STRUCTURAL AND FAB. COLD FORM LABEL**

Job Number: **12345**

Piece Mark: **RF1-1**

**PIECE LABEL EXAMPLES**

Piece Mark: **FL-31**

Length: **20' 2"**

Job Number: **12345**

Line Number: **L-50**

**BILL OF LADING EXAMPLE**

**STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE**

DATE	CARRIER	BILL OF LADING #	
10/07/11	JOE TRUCKING	54321	
SHIPPER AND ORIGIN		CONSIGNEE AND DESTINATION	
ABC BUILDINGS 17812 BROWN RD HOUSTON, TX		BOB'S BUILDING c/o LARRY UNDERWOOD 3387 DELTA RD HUEYTOWN, AL 35023 County of:	
Route:	Load:	Order # 12345 Ship Status:	
Trailer # 50582		Order Type: ABC Building	
Tracking #		Add Order #s	
Freight PO# 41433			
<b>COD AMOUNT: \$0.00</b>			
FOR FREIGHT COLLECT SHIPMENTS: Subject to section 7 of conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and other lawful charges.			
# PACKAGES	KIND OF PACKAGES, DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	WEIGHT	CLASS OR RATE
1	LOT MISC. BUILT UP / STRUCTURAL / COLD FORM / PANEL / TRIM / CANOPY / 2 BUNDLES OF RED & GALV ANGLE	35280	
Carrier: Print Name: _____ Tractor #: _____		TOTAL WEIGHT (LBS)	35,280
RECEIVED, subject to the classifications and the tariffs in effect on the date of issue of the Bill of Lading, the property described above is in apparent good order, color, except as noted (contents and condition of contents in packages unknown), marked, labeled, and in proper condition for transportation according to the applicable regulations of the Department of Transportation.			
THIS MATERIAL MUST BE DELIVERED BY: _____			
Receiver Signature: _____		Date Picked Up: _____	Time: _____
The property described above is in apparent good order, except as noted (contents and condition in packages unknown), marked, labeled, and in proper condition for transportation according to the applicable regulations of the Department of Transportation.		Consignee's Signature: _____ Date: _____	

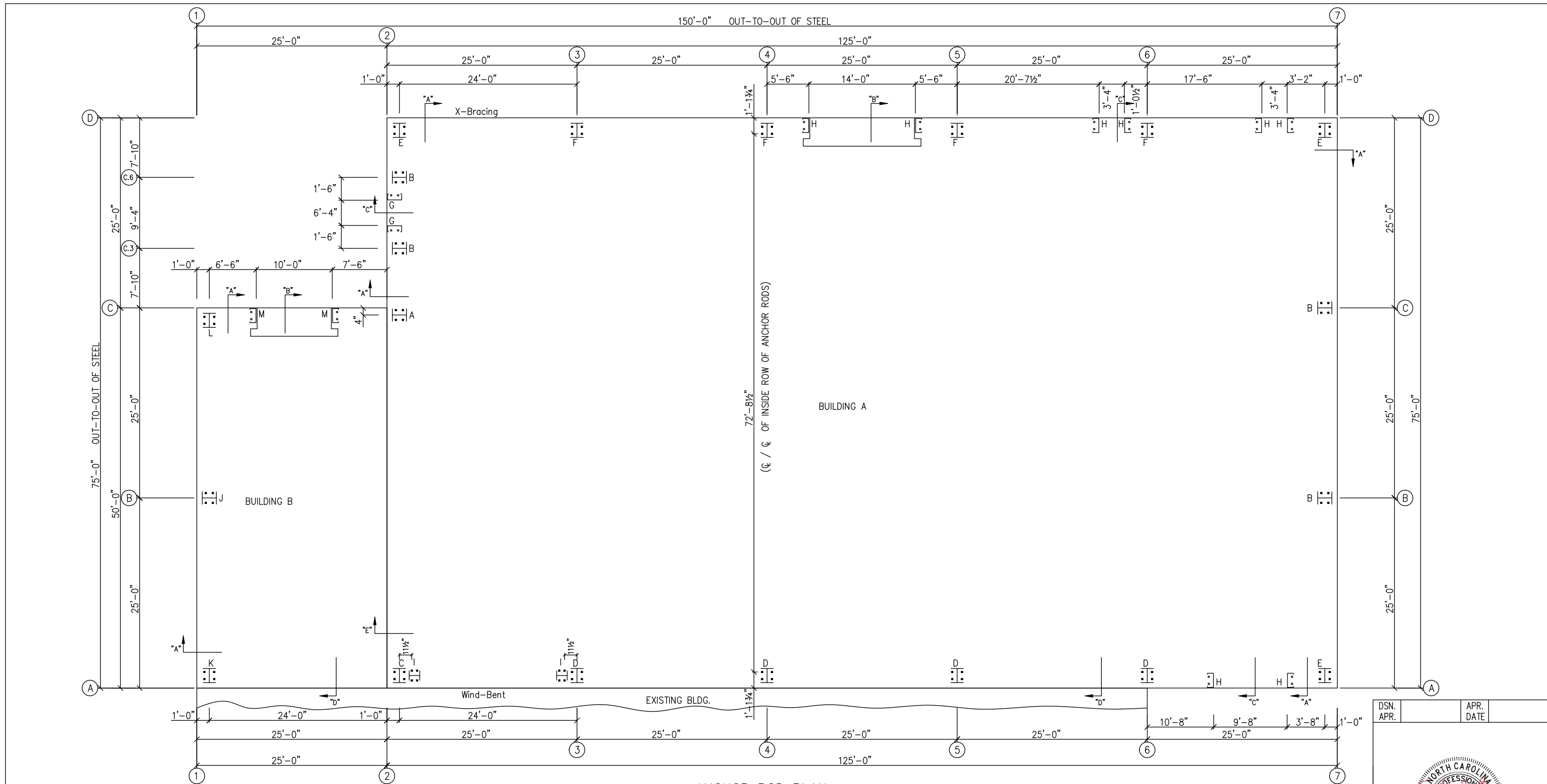
DSN. APR.	APR. DATE
-----------	-----------



FRED F. RADFAR P.E.  
30 WINDERMERE LANE  
HOUSTON, TEXAS 77063  
fred@radfarpe.com  
NORTH CAROLINA LICENSE  
#010295 EXP. 12/31/24

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

DRAWING STATUS		REVISIONS		INLAND BUILDINGS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	7/11/24	FOR PERMIT	SDP RD
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.				
OWNER OR PROJECT: Antioch Church of Erwin		SIZE: REFER TO C1		CUSTOMER: MCPHAIL METAL STRUCTURES	
JOB SITE LOCATION: 494 ANTIOCH CHURCH RD DUNN, NC 28334		ADDRESS: 1478 CARROLL STORE ROAD		AUTRYVILLE, NC 28318	
CAD BY: SDP	ENGR BY: FR	DATE: 7/11/24	SCALE: N.T.S.	JOB NO.: 198812	PH BLDG. DESC. (Rev)
				SHEET NO.: C2 OF 2	ISSUE: A



ANCHOR ROD PLAN  
 NOTE: All Base Plates @ 100'-0" (FINISH FLOOR)(UNLESS NOTED)

FRED F. RADFAR P.E.  
 30 WINDERMERE LANE  
 HOUSTON, TEXAS 77063  
 fred@radfarpe.com  
 NORTH CAROLINA LICENSE  
 #010295 EXP. 12/31/24



ANCHOR RODS HAVE BEEN DESIGNED FOR SHEAR AND TENSION LOADS ONLY, PER APPENDIX D OF ACI 318-08.

DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER AND PROVIDED BY OTHERS.

ANCHOR ROD PROJECTION IS FROM BOTTOM OF BASE PLATE, UNLESS GROUT IS REQUIRED.

DIA.	PROJ.
1/2"	1 1/2"
5/8"	2"
3/4"	2 1/2"
7/8"	3 1/2"
1"	3 1/2"
1 1/4"	3 1/2"

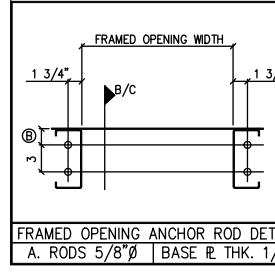
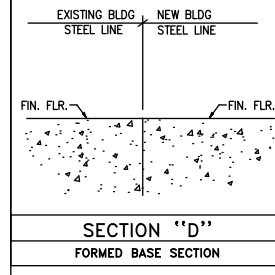
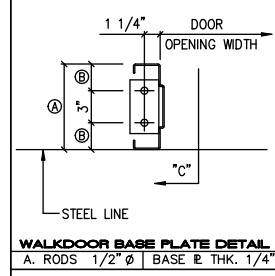
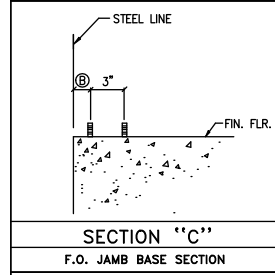
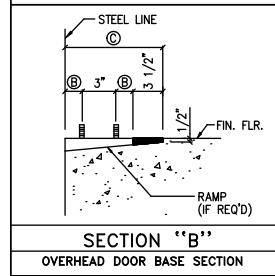
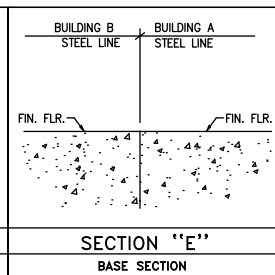
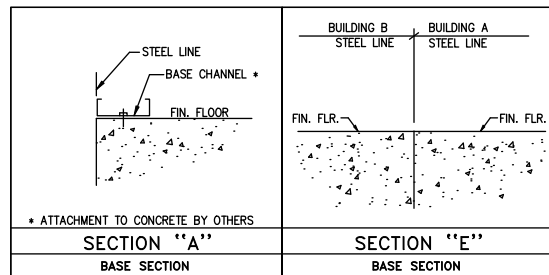
ANCHOR RODS (BY OTHERS)

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

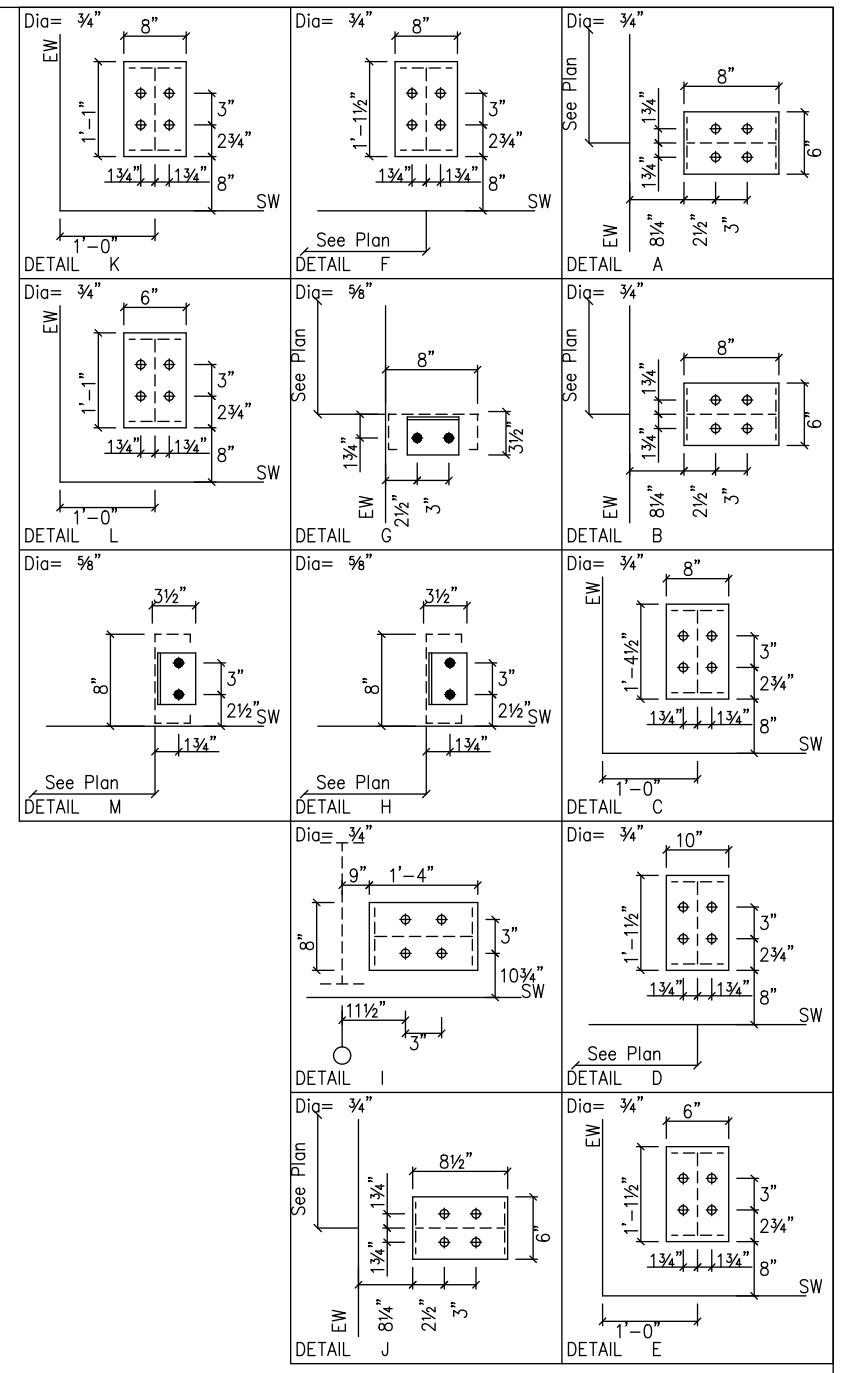
REVISIONS			
NO.	DATE	DESCRIPTION	BY / CK'D
0	7/11/24	FOR CONSTRUCTION	SDP / RD

INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	
DESCRIPTION	Anchor Rod Plan	SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	SDP	ENGR BY	FR
DATE	7/11/24	SCALE	N.T.S.
JOB NO.	198812	PH BLDG. DESC.	(none)
SHEET NO.	F1 of 5	ISSUE	0



F.O. SIZE	QTY.	SHOP LOCATE	FIELD LOCATE	TYPE/REMARKS
10'-0" X 10'-0"	1	X		FOR O.H. DOOR (BY OTHERS)
14'-0" X 12'-0"	1	X		FOR O.H. DOOR (BY OTHERS)
9'-8" X 9'-4"	1	X		FOR WINDOW (BY OTHERS)
3'-4" X 7'-2"	2	X		FOR WALKDOOR (BY OTHERS)
6'-4" X 7'-2"	1	X		FOR WALKDOOR (BY OTHERS)

FRAMED OPENING SCHEDULE



THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

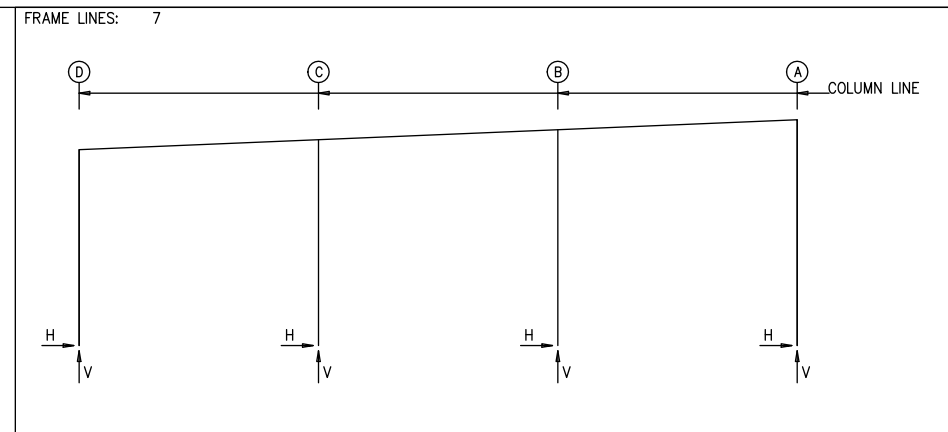
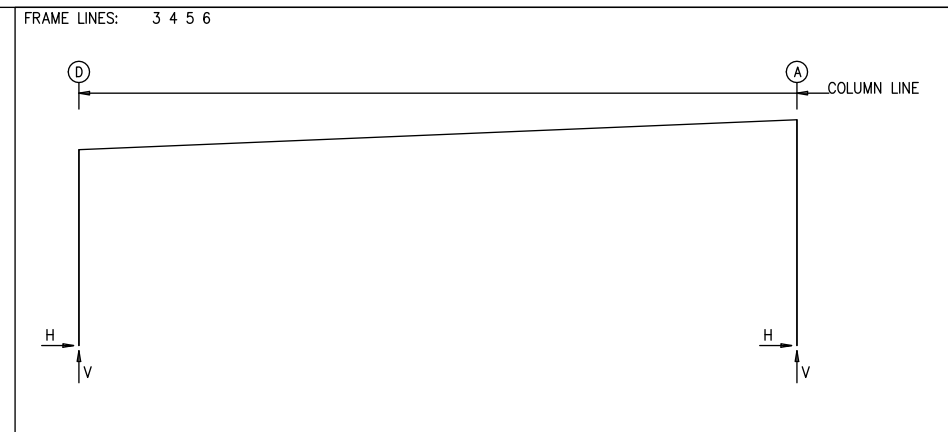
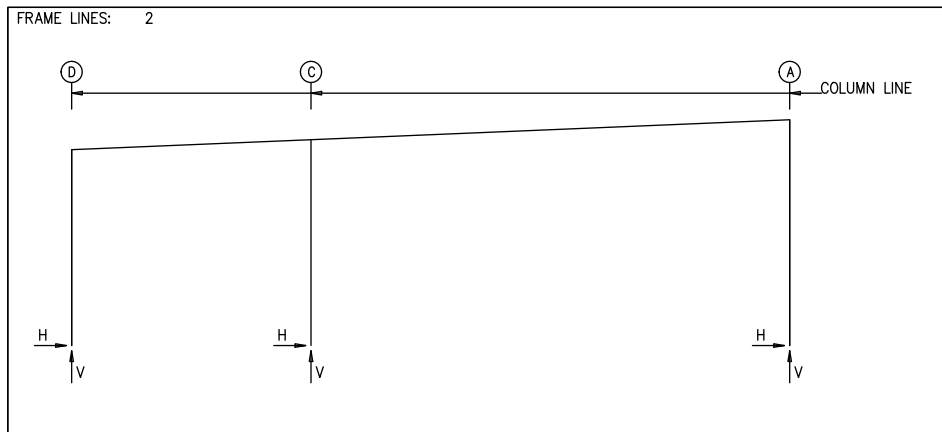
DRAWING STATUS		REVISIONS	
<input type="checkbox"/> FOR APPROVAL:	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE
<input type="checkbox"/> FOR PERMIT:	THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	DESCRIPTION	BY
<input checked="" type="checkbox"/> FOR CONSTRUCTION:	FINAL DRAWINGS.	FOR CONSTRUCTION	SDP RD

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30 WINDERMERE LANE  
HOUSTON, TEXAS 77063  
fred@radfarpe.com  
NORTH CAROLINA LICENSE #010295 EXP. 12/31/24



INLAND BUILDINGS		DESCRIPTION ANCHOR BOLT DETAILS		SIZE	REFER TO C1
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318		
CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH BLDG. DESC.
SDP	FR	7/11/24	N.T.S.	198812	(Rev) F2 of 5

DSN. APR.      APR. DATE



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

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2	D	0.3	0.6	0.3	0.8	1.2	3.3	0.5	1.3	-4.6	-5.1	5.6	-1.2
2	A	-0.3	2.7	-0.3	2.8	-1.2	11.3	-0.5	4.4	1.1	-17.0	4.2	-11.6
2	C	0.0	5.9	0.0	5.7	0.0	22.8	0.0	8.8	0.0	-35.3	0.0	-20.0
2	D	-7.8	-4.4	2.4	-0.5	0.0	0.0	0.0	0.0	5.5	-8.3	5.6	-7.1
2	A	-1.2	-10.8	1.9	-5.5	0.0	0.0	0.0	0.0	4.6	-21.9	3.8	-17.0
2	C	0.0	-24.8	0.0	-9.5	-0.8	0.0	0.9	0.0	0.0	-25.6	0.0	-16.1
2	D	-1.3	-0.8	1.3	0.8	0.0	-3.1	0.7	1.8	0.0	1.2	0.2	-0.6
2	A	-1.0	0.6	1.0	-0.6	0.0	-3.6	-0.7	6.2	0.0	0.0	-0.2	2.2
2	C	0.0	0.2	0.0	-0.2	0.0	0.0	0.0	12.6	0.0	1.2	0.0	3.2
3*	D	2.5	5.0	2.4	4.7	9.5	18.7	3.7	7.2	-12.0	-20.9	-1.6	-12.1
3*	A	-2.5	5.2	-2.4	4.7	-9.5	18.8	-3.7	7.2	10.7	-21.1	8.9	-14.5
3*	D	-11.6	-13.1	-1.1	-4.3	-3.7	-25.5	-0.1	-18.0	-0.8	-0.4	0.8	0.4
3*	A	4.6	-11.5	2.9	-4.9	13.7	-30.2	9.5	-22.3	-0.7	0.4	0.7	-0.4
3*	D	0.0	-3.1	5.3	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3*	A	0.0	-3.6	-5.3	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	D	2.5	5.0	2.4	4.7	9.5	18.7	3.7	7.2	-15.1	-23.6	-0.5	-11.9
6	A	-2.5	5.3	-2.4	4.7	-9.5	18.8	-3.7	7.2	6.3	-21.3	11.9	-15.6
6	D	-12.9	-14.9	1.8	-3.2	-6.7	-20.9	-3.1	-13.3	-0.8	-0.4	0.8	0.4
6	A	4.0	-12.6	9.6	-7.0	7.1	-21.1	2.9	-13.2	-0.7	0.4	0.7	-0.4
6	D	5.3	10.3	5.3	10.3	5.3	10.3	5.3	10.3	5.3	10.3	5.3	10.3
6	A	-5.3	10.3	-5.3	10.3	-5.3	10.3	-5.3	10.3	-5.3	10.3	-5.3	10.3
7	D	0.1	0.9	0.1	0.8	0.3	3.1	0.1	1.2	-3.4	-6.5	4.3	0.2
7	A	-0.1	0.9	-0.1	0.8	-0.3	3.2	-0.1	1.2	-2.7	-3.5	3.6	-5.1
7	C	0.0	1.4	0.0	1.7	0.0	6.7	0.0	2.6	0.0	-7.8	0.0	-9.9
7	B	0.0	1.4	0.0	1.6	0.0	6.6	0.0	2.5	0.0	-12.1	0.0	-2.2
7	D	-4.4	-5.0	3.3	1.7	0.0	0.0	0.0	0.0	1.7	-3.5	1.7	-2.4
7	A	-1.7	-1.8	4.6	-3.4	0.0	0.0	0.0	0.0	-1.5	-4.0	-1.8	-2.5
7	C	0.0	-4.6	0.0	-6.8	-5.6	0.0	6.1	0.0	0.0	-7.7	0.0	-4.7
7	B	0.0	-9.3	0.0	0.5	-5.9	0.0	6.5	0.0	0.0	-6.6	0.0	-4.2
7	D	-0.5	-0.6	0.5	0.6	0.2	1.7	0.0	0.6	0.0	0.1	0.0	0.5
7	A	-0.4	0.5	0.4	-0.5	-0.2	1.7	0.0	0.1	0.0	0.6	0.0	0.0
7	C	0.0	0.8	0.0	-0.8	0.0	3.7	0.0	0.7	0.0	-0.2	0.0	1.4
7	B	0.0	-0.7	0.0	0.7	0.0	3.6	0.0	-0.2	0.0	0.7	0.0	0.6
7	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	A	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.1	0.0	0.0	0.0	0.0
7	C	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.2	0.0	0.0	0.0	0.0
7	B	0.0	1.4	0.0	1.4	0.0	1.4	0.0	0.7	0.0	0.0	0.0	0.0
5	D	2.7	5.1	2.5	4.7	9.8	18.7	1.3	0.7	3.8	7.2	-12.3	-20.9
5	A	-2.7	7.2	-2.5	4.7	-9.8	18.8	-1.3	0.7	-3.8	7.2	11.0	-21.1
5	D	-1.8	-12.1	-11.8	-13.1	-1.1	-4.3	-4.0	-19.3	-0.3	-11.8	-0.8	-0.4
5	A	9.1	-14.5	4.8	-11.5	3.0	-4.9	14.0	-22.7	9.7	-14.8	-0.7	0.4
5	D	0.8	0.4	5.4	10.3	0.8	0.4	5.4	10.3	0.8	0.4	5.4	10.3
5	A	0.7	-0.4	-5.4	10.3	0.7	-0.4	-5.4	10.3	0.7	-0.4	-5.4	10.3

3\* Frame lines: 3 4

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
2	D	4	4.0	0.7	8	-4.5	-2.3	4	0.750	6.000	13.50	0.500	0.0
2	A	11	2.6	-2.5	12	-2.0	14.4	4	0.750	8.000	16.50	0.500	0.0
2	C	14	0.5	-21.0	15	-0.5	-21.0	4	0.750	6.000	8.000	0.625	0.0

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
3*	D	1	14.4	28.4	6	-5.7	-9.5	4	0.750	8.000	13.50	0.500	0.0
3*	A	10	6.8	-15.0	1	-14.4	28.7	4	0.750	10.00	13.50	0.500	0.0

3\* Frame lines: 3 4

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
5	D	1	15.0	28.5	6	-5.8	-9.5	4	0.750	8.000	13.50	0.500	0.0
5	A	11	6.8	-9.3	1	-15.0	30.7	4	0.750	10.00	13.50	0.500	0.0

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
6	D	1	14.4	28.4	6	-7.6	-11.1	4	0.750	8.000	13.50	0.500	0.0
6	A	7	5.7	-6.2	1	-14.4	28.8	4	0.750	10.00	13.50	0.500	0.0

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
7	D	3	2.6	1.0	8	-2.6	-2.5	4	0.750	6.000	13.50	0.500	0.0
7	A	9	2.7	-1.5	2	-1.7	-1.2	4	0.750	6.000	13.50	0.500	0.0
7	C	16	3.7	-5.6	15	-3.3	-5.6	4	0.750	6.000	8.000	0.500	0.0
7	B	16	3.9	-5.6	15	-3.5	-5.6	4	0.750	6.000	8.000	0.500	0.0

BUILDING A

THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

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NORTH CAROLINA LICENSE #010295 EXP. 12/31/24



DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	<b>INLAND BUILDINGS</b> 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com
<input type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	7/11/24	FOR CONSTRUCTION	SDP	RD	
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.	DESCRIPTION Reactions		SIZE REFER TO C1	OWNER OR PROJECT Antioch Church of Erwin		CUSTOMER MCPHAIL METAL STRUCTURES
		JOB SITE LOCATION 494 ANTIOCH CHURCH RD DUNN, NC 28334-6470		ADDRESS 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318			
		CAD BY SDP	ENCR BY FR	DATE 7/11/24	SCALE N.T.S.	JOB NO. 198812	PH BLDG. DESC. (none)
						SHEET NO. F3 of 5	ISSUE 0

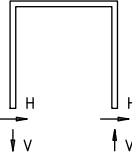
**ENDWALL COLUMN: BASIC COLUMN REACTIONS (k )**

Frm Line	Col Line	Dead Vert	Collat Vert	---Live---		---Snow---		Snow_Drift		Wind_Press		Wind_Suct		Seis Long Vert
				Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
2	C.6	0.2	0.1	-0.1	0.6	-0.1	0.6	-0.1	1.0	-1.5	-1.0	2.0	-0.3	0.0
2	C.3	0.2	0.1	-0.1	0.6	-0.1	0.6	-0.1	1.0	-1.5	-1.0	2.0	-0.3	0.0

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

Frm Line	Col Line	Column_Reactions(k )						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Qty	Dia	Width	Length	Thick	
2	C.6	17	1.2	0.0	18	-0.9	-0.5	4	0.750	6.000	8.000	0.375	0.0
		19	-0.2	2.0									
2	C.3	17	1.2	0.0	18	-0.9	-0.5	4	0.750	6.000	8.000	0.375	0.0
		19	-0.2	2.0									

**WIND BENT REACTIONS**



Wall Loc	Line	Col Line	± Reactions Wind(k )		± Reactions Seismic(k )		Bolt(in)		Base_Plate(in)			Thick
			Horz	Vert	Horz	Vert	Qty	Dia	Width	Length	Thick	
F_SW	A	2	4.2	8.6	2.0	4.1	4	0.750	8.000	16.000	0.500	
F_SW	A	3	4.2	8.6	2.0	4.1	4	0.750	8.000	16.000	0.500	

**NOTES FOR REACTIONS**

Building reactions are based on the following building data:

- Width (ft) = 75.0
- Length (ft) = 125.0
- Eave Height (ft) = 20.5/ 23.6
- Roof Slope (rise/12 ) = 0.5
- Dead Load (psf ) = 2.5
- Collateral Load (psf ) = 5.0
- Live Load (psf ) = 20.0
- Snow Load (psf ) = 7.7
- Wind Speed (mph ) = 130.0
- Wind Code = NCBC 18
- Exposure = B
- Closure = Enclosed
- Importance Wind = N/A
- Importance Seismic = 1.25
- Seismic Zone = C
- Seismic Coeff (Fa+Ss) = 0.29

**ID Description**

- 1 Dead+Collateral+Live
- 2 Dead+0.6Wind\_Left1
- 3 Dead+0.6Wind\_Right1
- 4 Dead+Collateral+0.75Live+0.45Wind\_Long2L
- 5 Dead+Collateral+0.75Live+0.45Wind\_Long2R
- 6 0.6Dead+0.6Wind\_Left1
- 7 0.6Dead+0.6Wind\_Right1
- 8 0.6Dead+0.6Wind\_Left2
- 9 0.6Dead+0.6Wind\_Right2
- 10 0.6Dead+0.6Wind\_Long1L
- 11 0.6Dead+0.6Wind\_Long1R
- 12 1.02Dead+1.02Collateral+0.75Live+0.53Seismic\_Left
- 13 Dead+Collateral+0.75Live+0.75Floor\_Live
- 14 0.6Dead+0.6Wind\_Suction+0.6Wind\_Long1L
- 15 0.6Dead+0.6Wind\_Pressure+0.6Wind\_Long1L
- 16 0.6Dead+0.6Wind\_Right1+0.6Wind\_Suction
- 17 0.6Dead+0.6Wind\_Right2+0.6Wind\_Suction
- 18 0.6Dead+0.6Wind\_Pressure+0.6Wind\_Long2L
- 19 Dead+Collateral+Snow+Snow\_Drift

**BUILDING BRACING REACTIONS**

Wall Loc	Line	Col Line	± Reactions(k )				Panel_Shear (lb/ft)		Note
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	2							(h)	
F_SW	A	2,3						(a)	
R_EW	7							(h)	
B_SW	D	3,2	7.9	6.2	3.9	3.1			

(a)Wind bent in bay  
(h)Rigid frame at endwall

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

BUILDING A

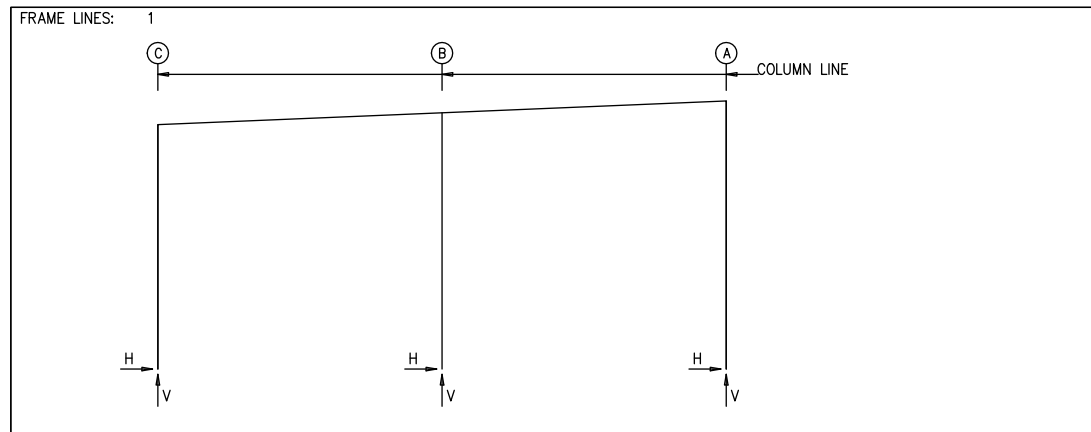
THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055 THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

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NORTH CAROLINA LICENSE #010295 EXP. 12/31/24



DSN. APR.	APR. DATE
-----------	-----------

DRAWING STATUS		REVISIONS				INLAND BUILDINGS		INLAND BUILDINGS			
<input type="checkbox"/> FOR APPROVAL:	NO.	DATE	DESCRIPTION	BY	CK'D	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055		PHONE: 800.438.1606			
THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	7/11/24	FOR CONSTRUCTION	SDP	RD	FAX: 800.438.1626		www.inlandbuildings.com			
<input type="checkbox"/> FOR PERMIT:						DESCRIPTION Reactions		SIZE	REFER TO C1		
THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.						OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES		
<input checked="" type="checkbox"/> FOR CONSTRUCTION:						JOB SITE LOCATION	494 ANTIOCH CHURCH RD	ADDRESS	1478 CARROLL STORE ROAD		
FINAL DRAWINGS.						LOCATION	DUNN, NC 28334-6470		AUTRYVILLE, NC 28318		
	CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.	ISSUE		
	SDP	FR	7/11/24	N.T.S.	198812			F4 of 5	0		



**NOTES FOR REACTIONS**

Building reactions are based on the following building data:

- Width (ft) = 50.0
- Length (ft) = 25.0
- Eave Height (ft) = 21.5/ 23.6
- Roof Slope (rise/12 ) = 0.5
- Dead Load (psf ) = 2.5
- Collateral Load (psf ) = 5.0
- Live Load (psf ) = 20.0
- Snow Load (psf ) = 7.7
- Wind Speed (mph ) = 130.0
- Wind Code = NCBC 18
- Exposure = B
- Closure = Enclosed
- Importance Wind = N/A
- Importance Seismic = 1.25
- Seismic Zone = C
- Seismic Coeff (F<sub>a</sub>S<sub>s</sub>) = 0.29

**ID Description**

- 1 Dead+Collateral+Live
- 2 Dead+0.6Wind\_Left1
- 3 Dead+0.6Wind\_Right1
- 4 0.6Dead+0.6Wind\_Left1
- 5 0.6Dead+0.6Wind\_Right1
- 6 0.6Dead+0.6Wind\_Left2
- 7 0.6Dead+0.6Wind\_Right2
- 8 0.6Dead+0.6Wind\_Left1+0.6Wind\_Suction
- 9 0.6Dead+0.6Wind\_Pressure+0.6Wind\_Long1L

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

Frm Line	Col Line	Column_Reactions(k )						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax	V Vmax	Load Id	Hmin	V Vmin			Width	Length	Thick	
1	C	3	2.0	0.1	6	-2.2	-1.6	4	0.750	6.000	13.00	0.500	0.0
		1	0.5	4.7	4	-1.6	-2.6						
1	A	7	2.6	-1.1	2	-1.8	-0.5	4	0.750	8.000	13.00	0.500	0.0
		1	-0.5	5.0	5	2.1	-2.0						
1	B	8	4.9	-5.3	9	-4.4	-5.3	4	0.750	6.000	8.500	0.500	0.0
		1	0.0	10.0	4	0.0	-4.7						

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

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	C	0.1	0.8	0.1	0.8	0.3	3.1	0.1	1.2	-2.7	-5.1	3.2	-1.2
1	A	-0.1	1.1	-0.1	0.8	-0.3	3.1	-0.1	1.2	-2.9	-2.7	3.5	-4.5
1	B	0.0	1.5	0.0	1.7	0.0	6.8	0.0	2.6	0.0	-9.4	0.0	-4.7

Frame Line	Column Line	---Wind_Left2---		---Wind_Right2---		---Wind_Press---		---Wind_Suct---		---Wind_Long1---		---Wind_Long2---	
		Horz	Vert	Horz	Vert	HorzOP	Vert	HorzOP	Vert	Horz	Vert	Horz	Vert
1	C	-3.7	-3.5	2.2	0.5	0.0	0.0	0.0	0.0	1.7	-3.8	1.7	-2.6
1	A	-2.0	-1.1	4.5	-2.9	0.0	0.0	0.0	0.0	-1.5	-3.9	-1.8	-2.5
1	B	0.0	-6.6	0.0	-1.9	-7.4	0.0	8.1	0.0	0.0	-6.9	0.0	-4.1

Frame Line	Column Line	---Seismic_Left---		---Seismic_Right---		---Seismic_Long---		F1PAT_SL_1---		F1PAT_SL_2---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	C	-0.3	-0.2	0.3	0.2	0.0	0.0	0.0	0.6	0.0	0.0
1	A	-0.3	0.3	0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.6
1	B	0.0	-0.1	0.0	0.1	0.1	0.0	0.0	0.7	0.0	0.6

**BUILDING BRACING REACTIONS**

Wall Loc	Col Line	± Reactions(k )				Panel_Shear (lb/ft)		Note
		Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	1							(h)
F_SW	A							(j)
R_EW	2							(j)
B_SW	C							(j)

(h) Rigid frame at endwall  
(j) Longitudal Bracing Forces Transferred To Bldg. A

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

BUILDING B

DSN. APR.	APR. DATE
-----------	-----------



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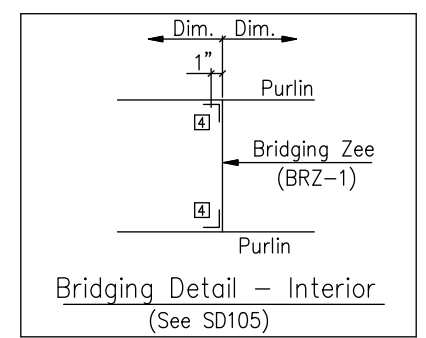
DRAWING STATUS		REVISIONS				INLAND BUILDINGS		INLAND BUILDINGS							
<input type="checkbox"/>	FOR APPROVAL. THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	Inland BUILDINGS	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055		PHONE: 800.438.1606		FAX: 800.438.1626		www.inlandbuildings.com	
<input type="checkbox"/>	FOR PERMIT. THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	7/11/24	FOR CONSTRUCTION	SDP	RD		DESCRIPTION Reactions		SIZE	REFER TO C1		OWNER OR PROJECT Antioch Church of Erwin		CUSTOMER MCPHAIL METAL STRUCTURES
<input type="checkbox"/>	FOR CONSTRUCTION. FINAL DRAWINGS.						JOB SITE LOCATION 494 ANTIOCH CHURCH RD DUNN, NC 28334-6470		ADDRESS 1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318		CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE		SDP FR 7/11/24 N.T.S. 198812 (Rev) F5 of 5 0		

EXTENSION/CANOPY BOLTS					
ROOF PLAN					
MARK	QUAN	TYPE	DIA	LENGTH	
EB-1	8	A325	5/8"	1 3/4"	
EB-2	8	A325	5/8"	1 3/4"	

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

MEMBER TABLE	
ROOF PLAN	
MARK	PART
<b>BUILDING A</b>	
EB-1	W8X10
EB-2	W8X10
P-1	8X25Z12
P-2	8X25Z14
P-3	8X25Z16
P-4	8X25Z12
P-5	8X25Z14
P-6	8X25Z14
P-6A	8X25Z14
P-7	8X25Z16
E-1	8E14
E-2	8E14
E-3	8E14
E-4	8X35C16
E-6	8E14
CB-2	CB0313
CB-3	CB0313
CB-4	CB0250
CB-5	CB0313
CB-6	CB0250
SSL-10	SSL-10
BB-1	W8X18
BB-2	W8X18
SI-1	BRZ-1
<b>BUILDING B</b>	
P-100	8X35Z12
E-100	8E14
CB-100	CB0250
CB-101	CB0250
CB-102	CB0250

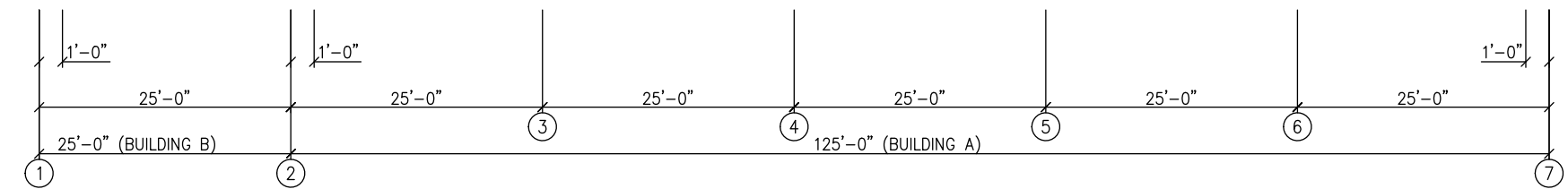
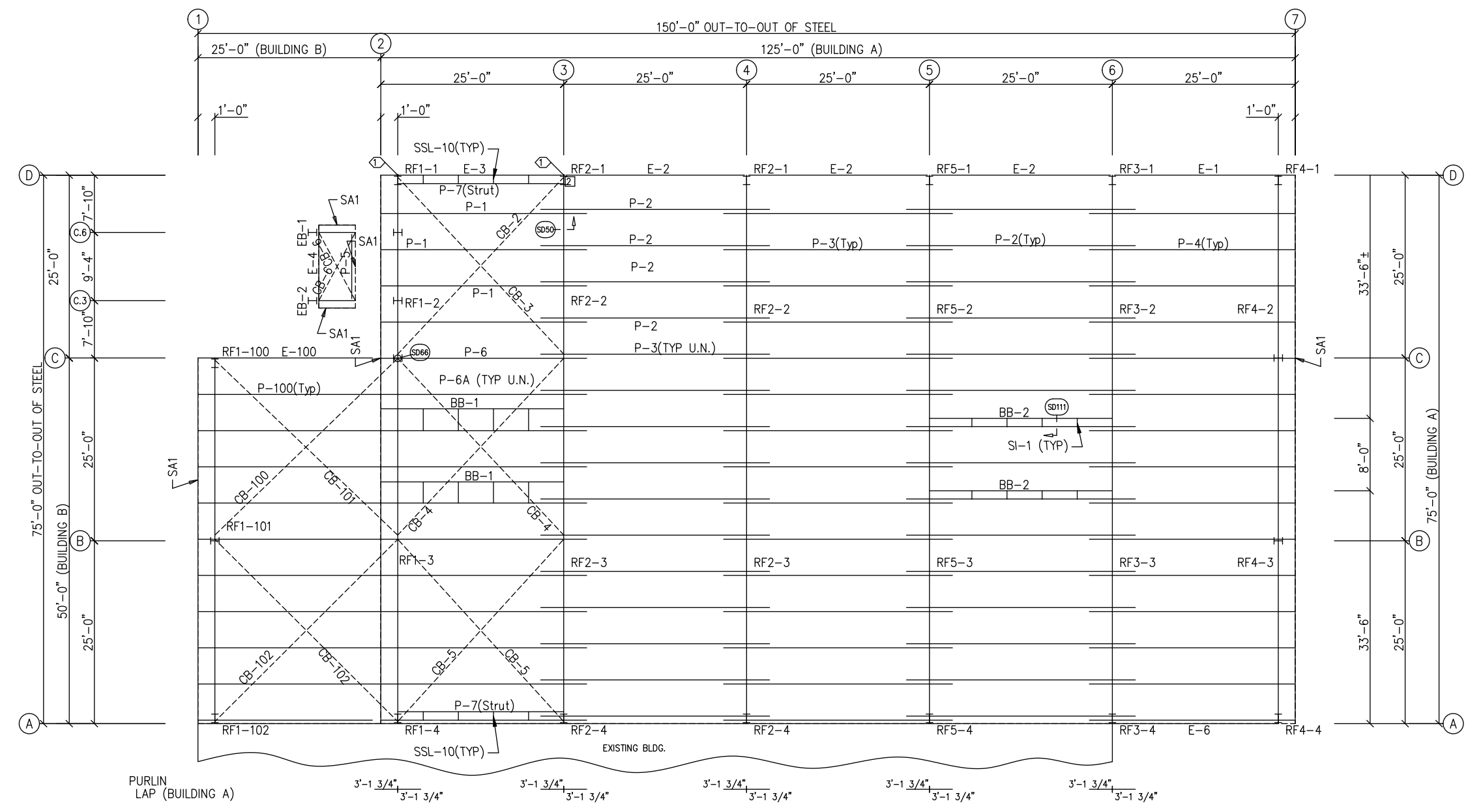
CONNECTION PLATES	
ROOF PLAN	
QID	MARK/PART
1	j1
2	CL-18
3	j100
4	BRC-7



DSN. APR.	APR. DATE
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ROOF FRAMING PLAN

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DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

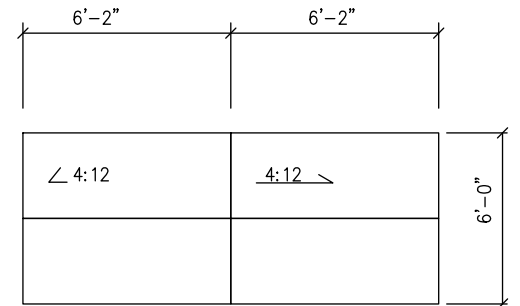
<b>INLAND BUILDINGS</b>		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION ROOF FRAMING PLAN		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	198812	PH BLDG. DESC.	SHEET NO. E1 of 14
ISSUE	A		

GENERAL NOTES:  
ZEE'S HAVE UNEQUAL FLANGES FOR EASIER INSTALLATION. THE LARGER FLANGE IS 1/4" WIDER THAN THE SMALL FLANGE. LAP THE SMALL FLANGE INSIDE THE LARGE FLANGE.

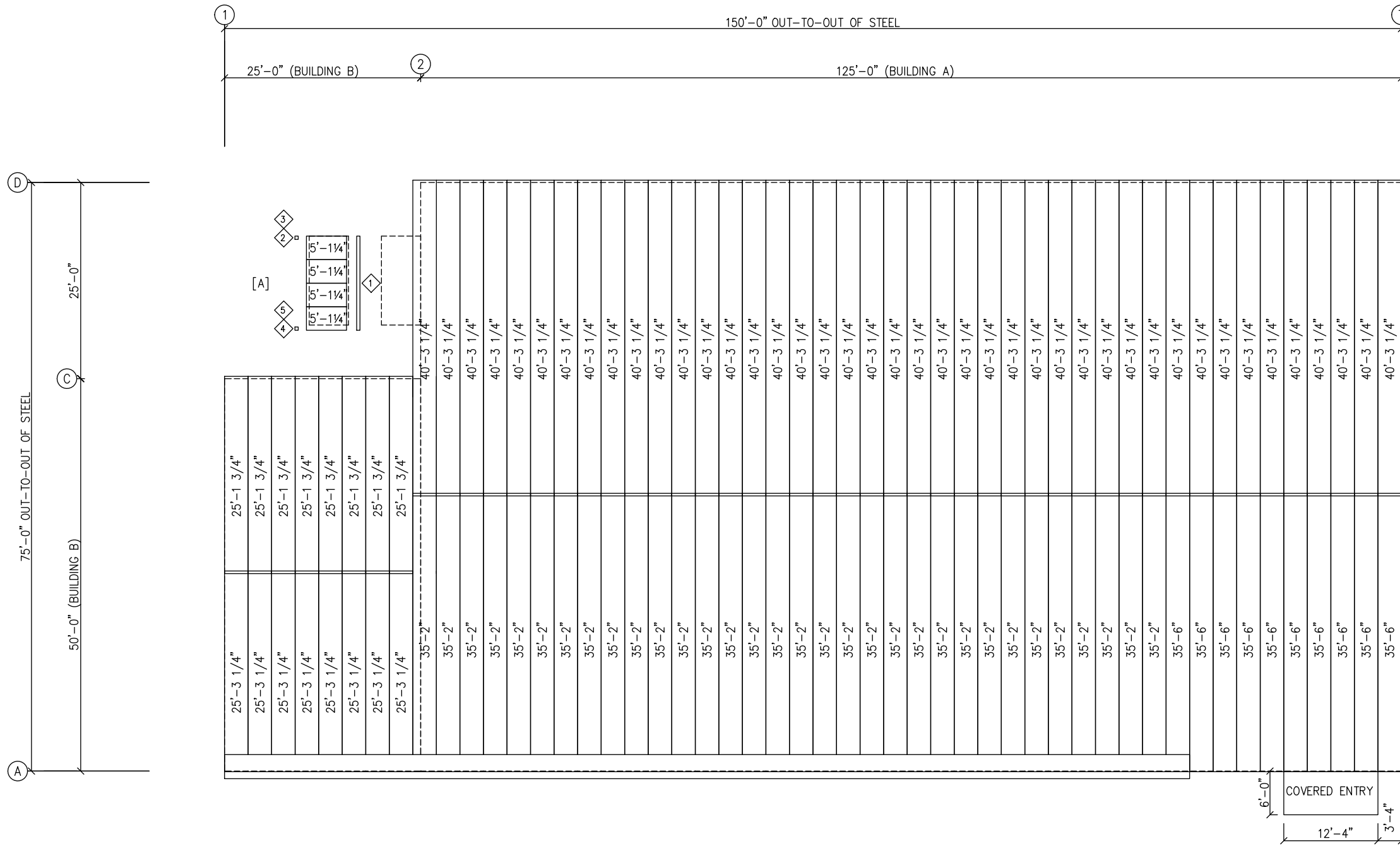


TRIM TABLE				
ROOF PLAN				
ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-65	11'-4"	
2	1	FL-172L	11'-2"	TD88
3	1	FL-329R	9 1/2"	TD328
4	1	FL-172R	11'-2"	
5	1	FL-329L	9 1/2"	

EXTENSION/CANOPY BOLTS				
ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-1	8	A325	5/8"	1 3/4"
EB-2	8	A325	5/8"	1 3/4"



NEW COVERED ENTRY  
 PANELS: 26 Ga. PBR - TBD



ROOF SHEETING PLAN  
 PANELS: 26 Ga. PBR - Galvalume

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GENERAL NOTES:  
 ZEES HAVE UNEQUAL FLANGES FOR EASIER INSTALLATION.  
 THE LARGER FLANGE IS 1/4" WIDER THAN THE SMALL FLANGE.  
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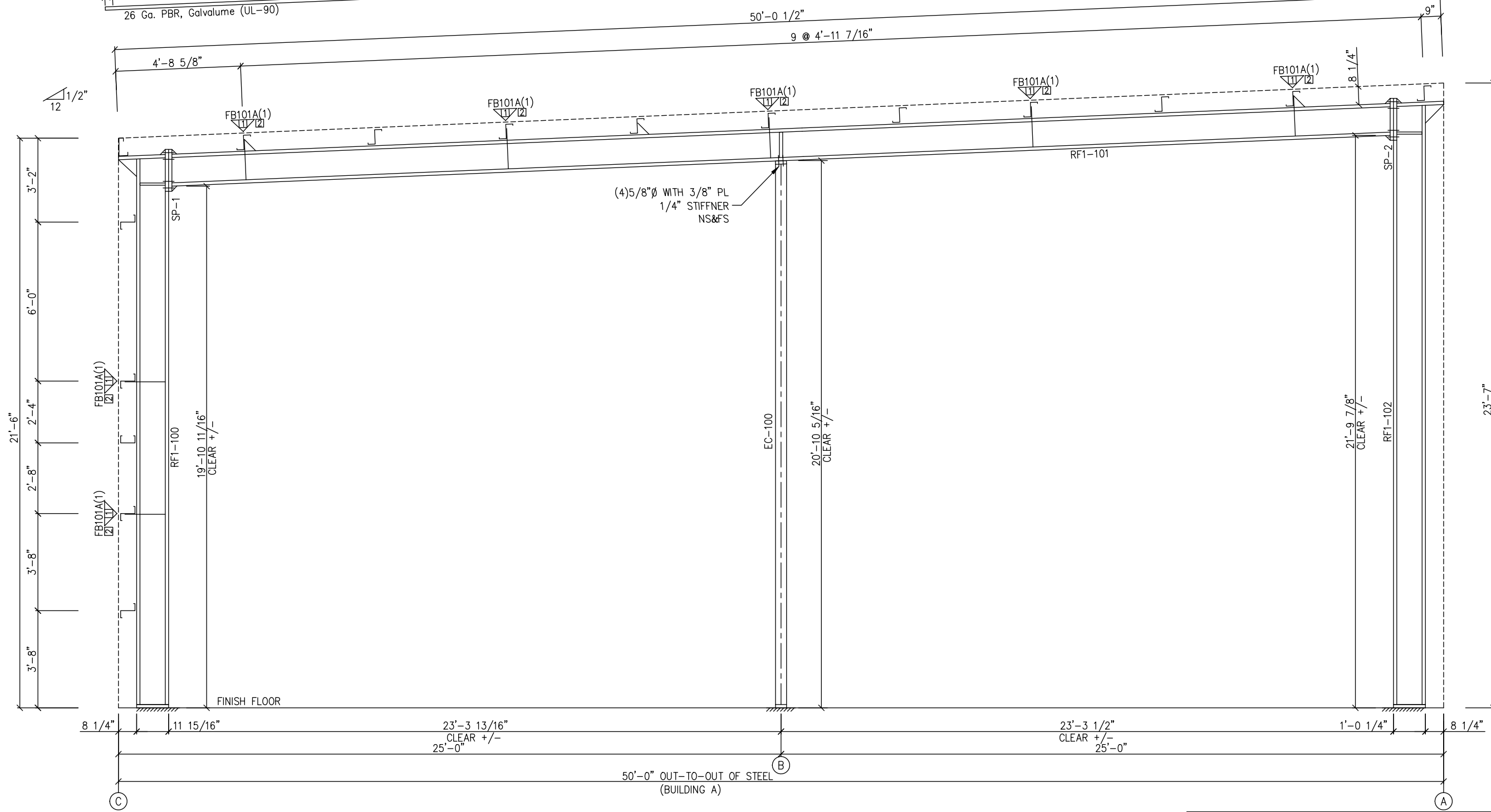
DRAWING STATUS		REVISIONS		INLAND BUILDINGS	
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<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	7/11/24	FOR PERMIT	SDP RD
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.				
		INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		BUILDINGS DESCRIPTION ROOF FRAMING PLAN OWNER OR PROJECT Antioch Church of Erwin CUSTOMER MCPHAIL METAL STRUCTURES JOBSITE LOCATION 494 ANTIOCH CHURCH RD ADDRESS 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE SDP FR 7/11/24 N.T.S. 198812 (Rev) E2 of 14 A	

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	A325	5/8"	2"	6"	3/8"	1'-6 3/16"	EC-100	4	A325	5/8"	1 1/2"
SP-2	4	4	0	A325	5/8"	2 1/2"	8"	1/2"	1'-6 3/16"					

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-100	W12X14	20'-10 1/16"
RF1-101	W12X14	46'-7"
RF1-102	W12X40	22'-10 3/8"
EC-100	W8X15	20'-10 3/8"

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85

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



MAIN FRAME ELEVATION: FRAME LINE 1

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DSN. APR.	APR. DATE
-----------	-----------

GENERAL NOTES:  
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

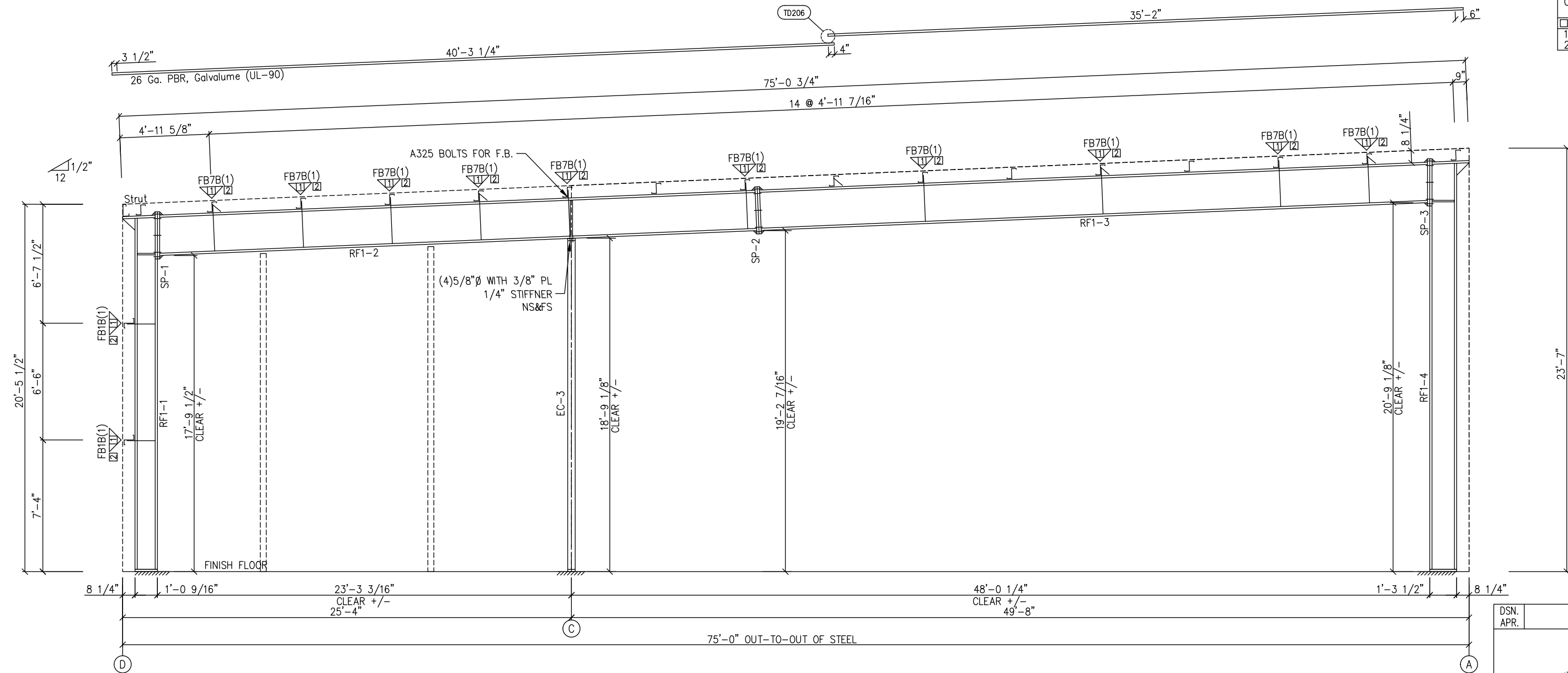
<b>INLAND BUILDINGS</b>		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION CROSS SECTION		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812	(none)	E3 of 14	A

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	2	A325	5/8"	1 3/4"	6"	3/8"	2'-6 7/8"	EC-3	4	A325	5/8"	2"
SP-2	4	4	2	A325	5/8"	1 3/4"	6"	3/8"	2'-6 13/16"					
SP-3	4	4	2	A325	5/8"	2"	8"	1/2"	2'-6 13/16"					

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	
RF1-1	12.0/12.0	0.164	237.3			6 x 1/4" x 236.8	6 x 5/16" x 209.9	
	12.0/12.0	0.164				6 x 1/4" x 20.5		
RF1-2	24.0/24.0	0.164	240.0			6 x 5/16" x 300.0	6 x 3/8" x 301.0	
	24.0/24.0	0.164	49.0			6 x 1/4" x 103.0	6 x 5/16" x 103.0	
RF1-3	24.0/24.0	0.188	115.0					
	24.0/24.0	0.164	240.0			6 x 5/16" x 451.3	6 x 1/4" x 348.0	
RF1-4	24.0/24.0	0.164	211.3				6 x 5/16" x 102.3	
	15.0/15.0	0.164	30.7			8 x 1/4" x 23.5	8 x 1/4" x 245.6	
EC-3	15.0/15.0	0.135	240.0					
	15.0/15.0	0.135						

FLANGE BRACES: FBxx (1 or 2)  
 xx=length(in)  
 (1) One Side; (2) Two Sides  
 B - 2X2X1/8

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 2

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 #010295 EXP. 12/31/24



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DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		DESCRIPTION CROSS SECTION	
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812	(none)	E4 of 14	A

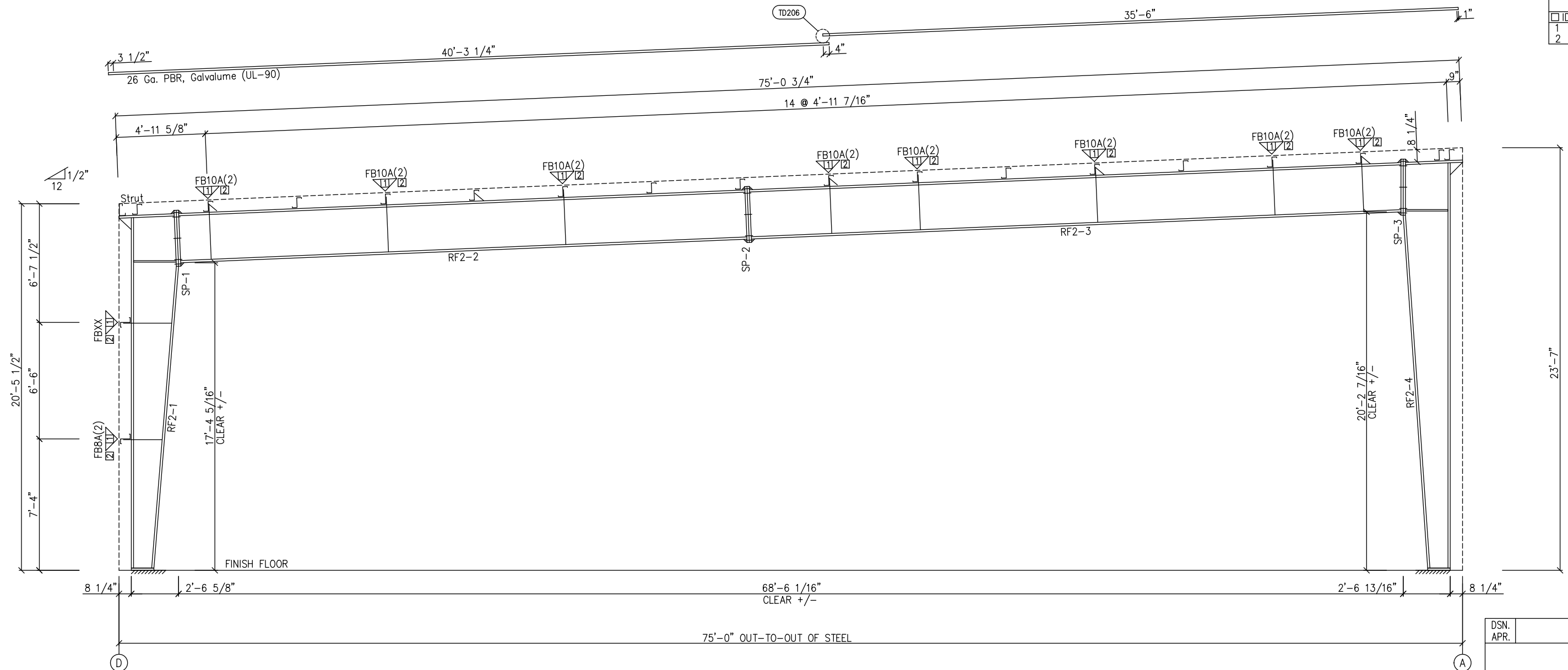
GENERAL NOTES:  
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	2	A325	7/8"	2 1/2"	8"	5/8"	3'-0 3/4"
SP-2	4	4	2	A325	3/4"	2"	8"	1/2"	3'-0 3/4"
SP-3	4	4	2	A325	7/8"	2 1/2"	10"	5/8"	3'-0 7/8"

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

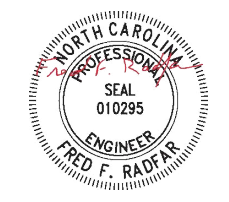
MEMBER TABLE								
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	
RF2-1	12.0/30.0	0.188	204.7			8 x 1/4" x 236.8	8 x 3/8" x 205.4	
	30.0/28.6	0.250	33.4			8 x 1/4" x 37.1		
RF2-2	30.0/30.0	0.250	142.2			8 x 1/4" x 130.2	8 x 5/16" x 154.2	
	30.0/30.0	0.188	240.0			8 x 5/16" x 252.0	8 x 1/4" x 228.0	
RF2-3	30.0/30.0	0.188	240.0			8 x 5/16" x 252.0	8 x 1/4" x 228.0	
	30.0/30.0	0.250	199.3			8 x 1/4" x 187.3	8 x 3/8" x 210.0	
RF2-4	30.0/30.0	0.313	34.7			10 x 5/16" x 38.6	10 x 1/2" x 131.2	
	30.0/21.0	0.188	238.9			10 x 5/16" x 273.6	10 x 3/8" x 108.3	
	21.0/12.0	0.188						

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 3 4

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THESE DRAWINGS AND THE METAL BUILDING THEY REPRESENT ARE THE PRODUCT OF INLAND BUILDINGS - 2141 SECOND AVENUE S.W. CULLMAN, ALABAMA 35055. THE ENGINEER WHOSE SEAL APPEARS HEREON IS RETAINED BY INLAND BUILDINGS SYSTEMS AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT.

DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	7/11/24	FOR PERMIT	SDP	RD	
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						DESCRIPTION CROSS SECTION OWNER OR PROJECT: Antioch Church of Erwin CUSTOMER: MCPHAIL METAL STRUCTURES JOBSITE LOCATION: 494 ANTIOCH CHURCH RD ADDRESS: 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 CAD BY: SDP ENCR BY: FR DATE: 7/11/24 SCALE: N.T.S. JOB NO.: 198812 PH BLDG. DESC.: SHEET NO.: E5 of 14 ISSUE: A

GENERAL NOTES:  
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

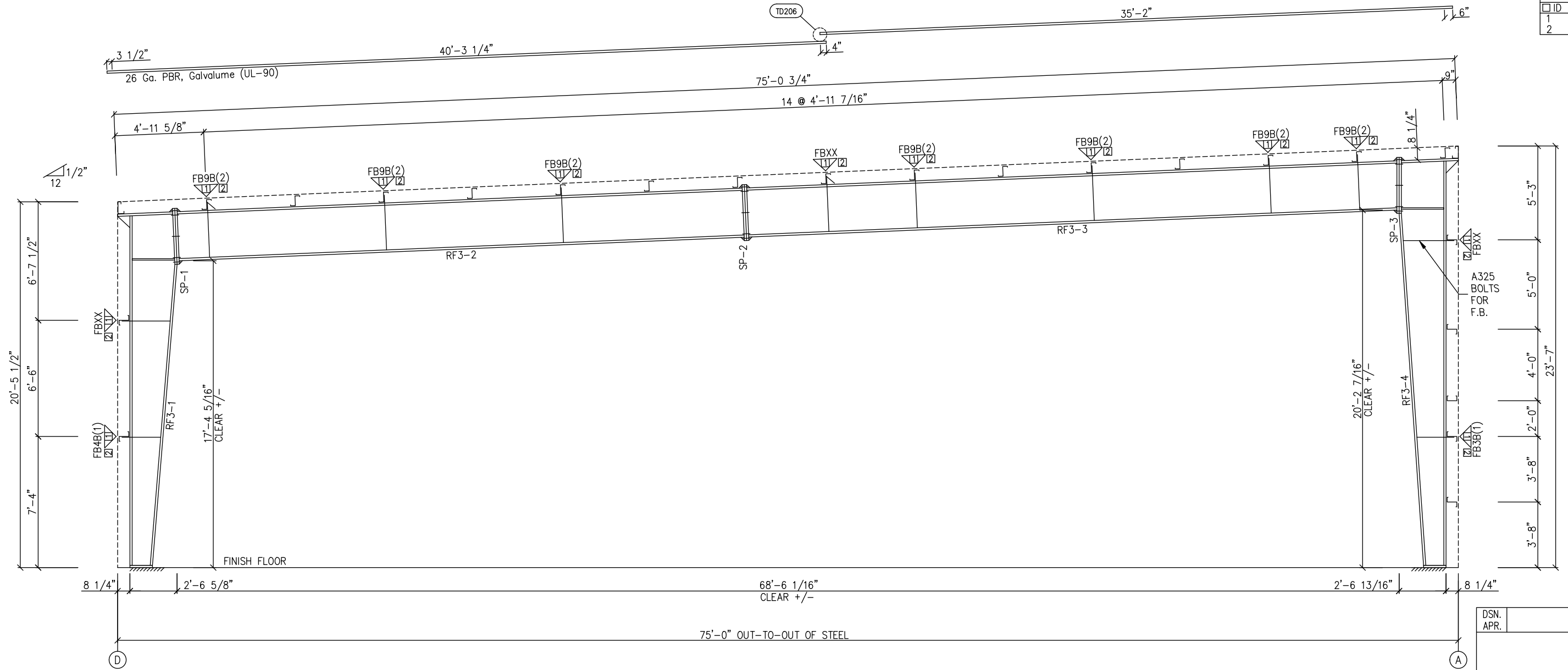


SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	2	A325	7/8"	2 1/2"	8"	5/8"	3'-0 3/4"
SP-2	4	4	2	A325	3/4"	2"	8"	1/2"	3'-0 3/4"
SP-3	4	4	2	A325	7/8"	2 1/2"	10"	5/8"	3'-0 7/8"

FLANGE BRACES: FBxx (1 or 2)  
 xx=length(in)  
 (1) One Side; (2) Two Sides  
 B - 2X2X1/8

Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF3-1	12.0/30.0	0.188	204.7		8 x 1/4" x 236.8		8 x 3/8" x 205.4	
	30.0/28.6	0.250	33.4		8 x 1/4" x 37.1			
RF3-2	30.0/30.0	0.250	142.2		8 x 1/4" x 130.2		8 x 5/16" x 154.2	
	30.0/30.0	0.188	240.0		8 x 5/16" x 252.0		8 x 1/4" x 228.0	
RF3-3	30.0/30.0	0.188	240.0		8 x 5/16" x 252.0		8 x 1/4" x 228.0	
	30.0/30.0	0.250	199.3		8 x 1/4" x 187.3		8 x 3/8" x 210.0	
RF3-4	30.0/30.0	0.313	34.7		10 x 5/16" x 38.6		10 x 1/2" x 131.2	
	30.0/21.0	0.188	118.9		10 x 5/16" x 273.6		10 x 3/8" x 108.3	
	21.0/12.0	0.164	120.0					

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 6

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DRAWING STATUS		REVISIONS				INLAND BUILDINGS		DESCRIPTION CROSS SECTION									
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D	Inland BUILDINGS	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES	SIZE	REFER TO C1			
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	A	7/11/24	FOR PERMIT	SDP	RD									JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.								CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.	ISSUE
									SDP	FR	7/11/24	N.T.S.	198812			E7 of 14	A

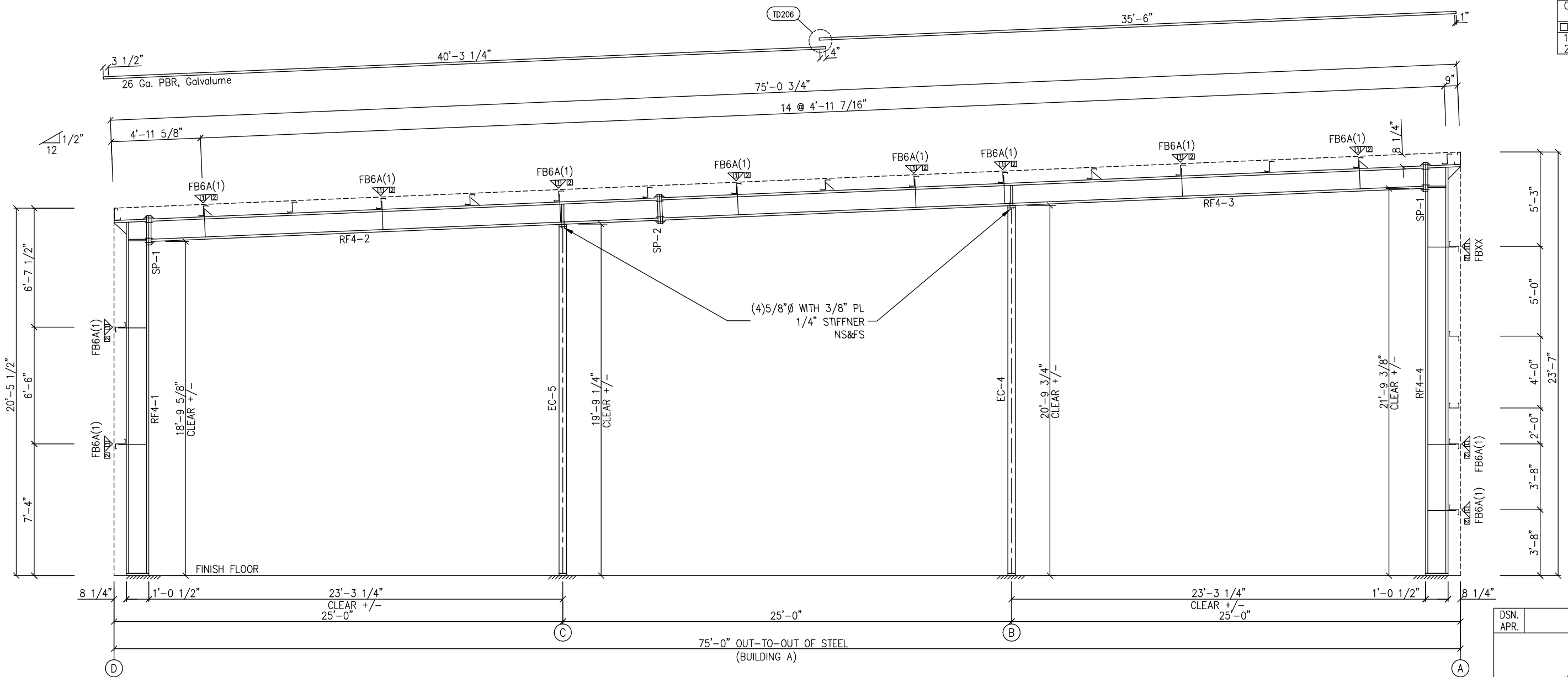
GENERAL NOTES:  
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

SPLICE PLATE & BOLT TABLE										CAP PLATE BOLTS				
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	1'-6 3/4"	EC-5	4	A325	5/8"	1 1/2"
SP-2	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	1'-6 3/4"	EC-4	4	A325	5/8"	1 1/2"

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

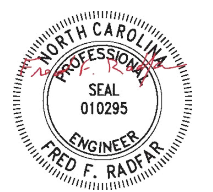
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	Length	W x Thk x Length	W x Thk x Length	
RF4-1	12.0/12.0	0.135	222.0	0.164	15.4	6 x 1/4" x 236.8	6 x 1/4" x 222.0	
	12.0/12.0	0.135	240.0	0.135	103.7	5 x 1/4" x 343.2	5 x 1/4" x 343.7	
RF4-2	12.0/12.0	0.135	240.0	0.135	103.7	5 x 1/4" x 454.3	5 x 1/4" x 453.8	
	12.0/12.0	0.135	240.0	0.135	34.3	5 x 1/4" x 60.0	5 x 1/4" x 60.0	
RF4-3	12.0/12.0	0.135	240.0	0.135	34.3	6 x 1/4" x 20.5	6 x 1/4" x 257.7	
	12.0/12.0	0.135	240.0	0.135	33.6	6 x 1/4" x 273.6		
EC-5	W8X15							
EC-4	W8X15							

CONNECTION PLATES	
ID	Mark/Part
1	CL-86
2	CL-85



MAIN FRAME ELEVATION: FRAME LINE 7

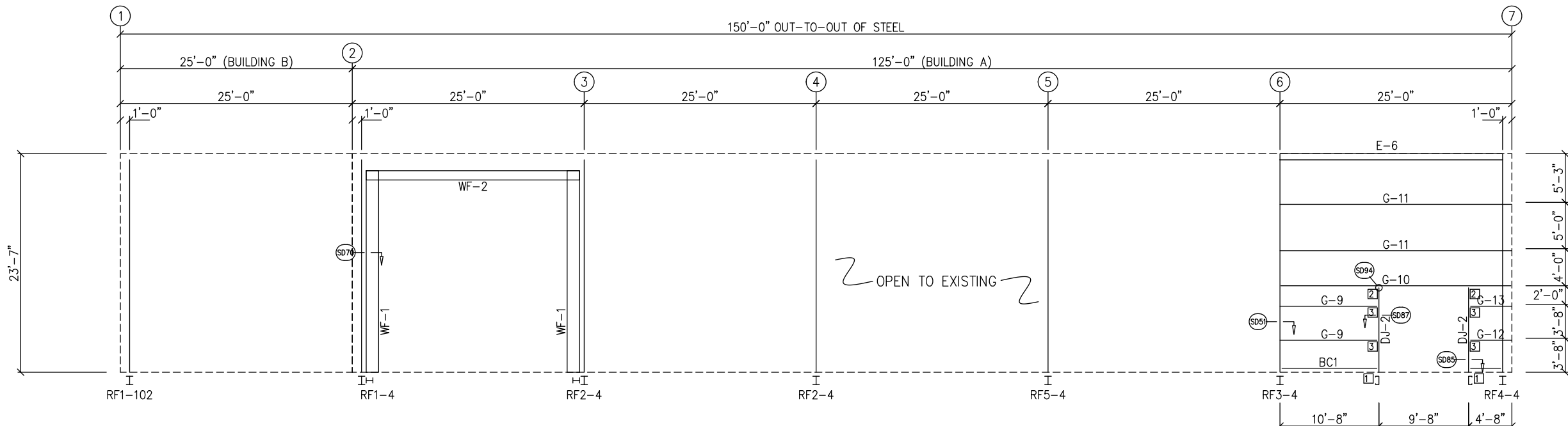
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DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D	OWNER OR PROJECT	DESCRIPTION CROSS SECTION	SIZE REFER TO C1
1	7/11/24	FOR PERMIT	SDP	RD	Antioch Church of Erwin	Antioch Church of Erwin	MCPHAIL METAL STRUCTURES
<input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. <input checked="" type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. <input type="checkbox"/> FOR CONSTRUCTION: THESE DRAWINGS, BEING FOR CONSTRUCTION, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE. <input type="checkbox"/> FINAL DRAWINGS.		INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		CUSTOMER: MCPHAIL METAL STRUCTURES ADDRESS: 1478 CARROLL STORE ROAD DUNN, NC 28334-6470 AUTRYVILLE, NC 28318 JOB NO. 198812 PH BLDG. DESC. (none) SHEET NO. E8 OF 14 ISSUE A			

GENERAL NOTES:  
 SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.



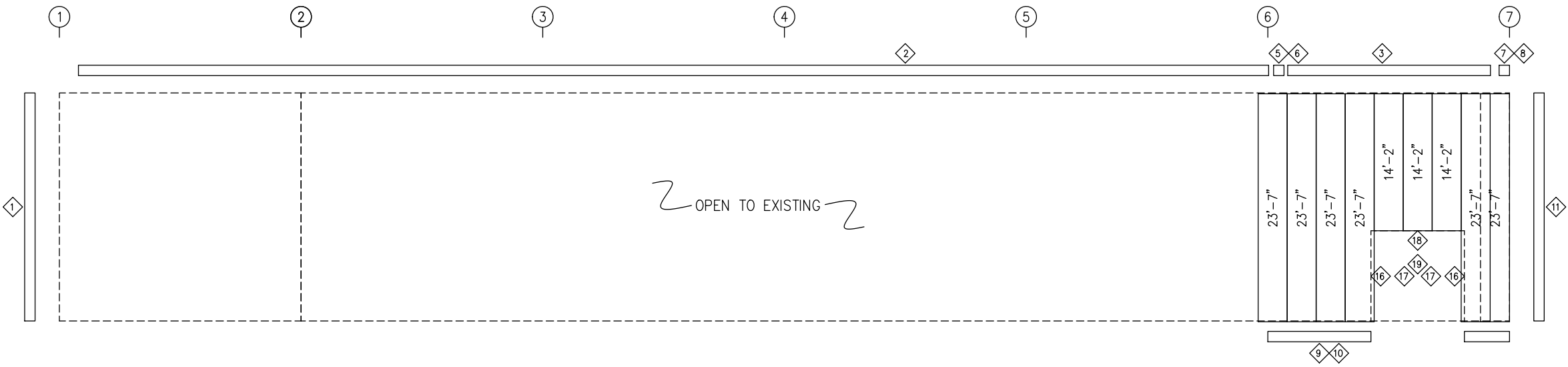
SIDEWALL FRAMING: FRAME LINE A

TRIM TABLE				
FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-82	11'-10"	TD106
2	1	SF-XX		
3	2	SF-XX		
4	2	SF-XX		
5	1	SF-XX		
6	1	SF-XX		
7	1	FL-184R	11'-2"	
8	1	FL-325R	8"	
9	1	FL-60	20'-2"	SD75
10	*	FL-60	SCRAP	SD75
11	2	FL-110	11'-11"	TD040
12	4	FL-184	20'-2"	TD522
13	1	FL-184	5'-0"	TD518
14	5	FL-241	20'-2"	
15	5	FL-381	20'-2"	
16	1	FL-55	9'-8"	
17	1	FL-48	9'-7"	TD051
18	1	FL-55	10'-0"	
19	1	FL-52	10'-0"	TD052

BOLT TABLE				
FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
BW092303_Rev1				
WF-1 - WF-2	8	A325	7/8"	2 3/4"
WF-1 - RF1-4	10	A325	5/8"	1 1/2"
WF-1 - RF2-4	10	A325	5/8"	1 1/2"

MEMBER TABLE	
FRAME LINE A	
MARK	PART
BW092303_Rev1	
WF-1	W16851
WF-2	W12841
DJ-2	8X35C16
G-9	8X25Z16
G-10	8X35C12
G-11	8X25Z12
G-12	8X25Z16
G-13	8X25Z16
E-6	8EX

CONNECTION PLATES	
FRAME LINE A	
ID	MARK/PART
1	CL-104
2	CL-100
3	CL-103



SIDEWALL SHEETING & TRIM: FRAME LINE A  
PANELS: 26 Ga. PBR - BONE WHITE (KYNAR)

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fred@radfarpe.com  
NORTH CAROLINA LICENSE #010295 EXP. 12/31/24

DSN. APR.	APR. DATE
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DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

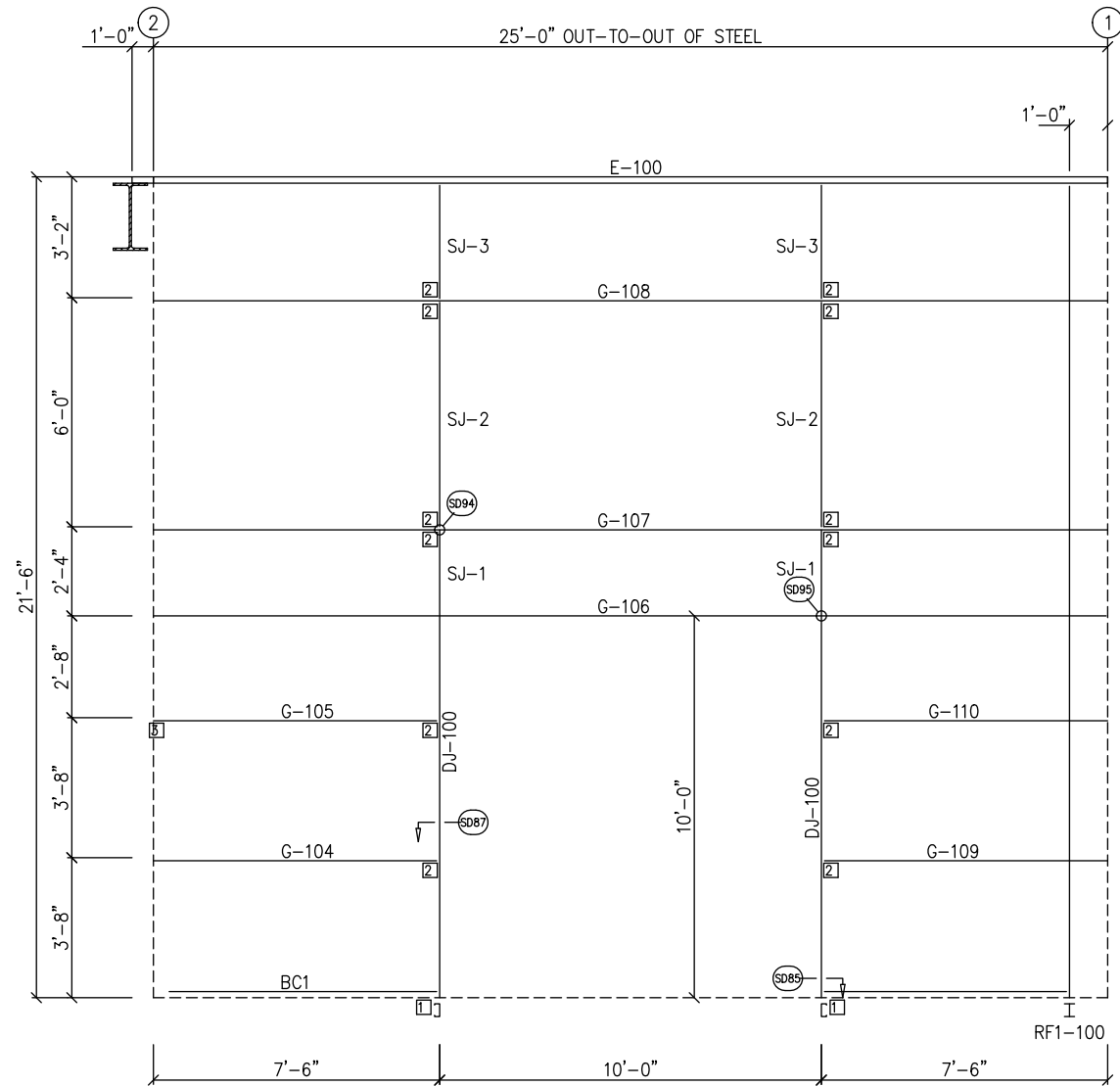
REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

<b>INLAND BUILDINGS</b>		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION SIDEWALL ELEVATION		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812	(none)	E9 of 14	A

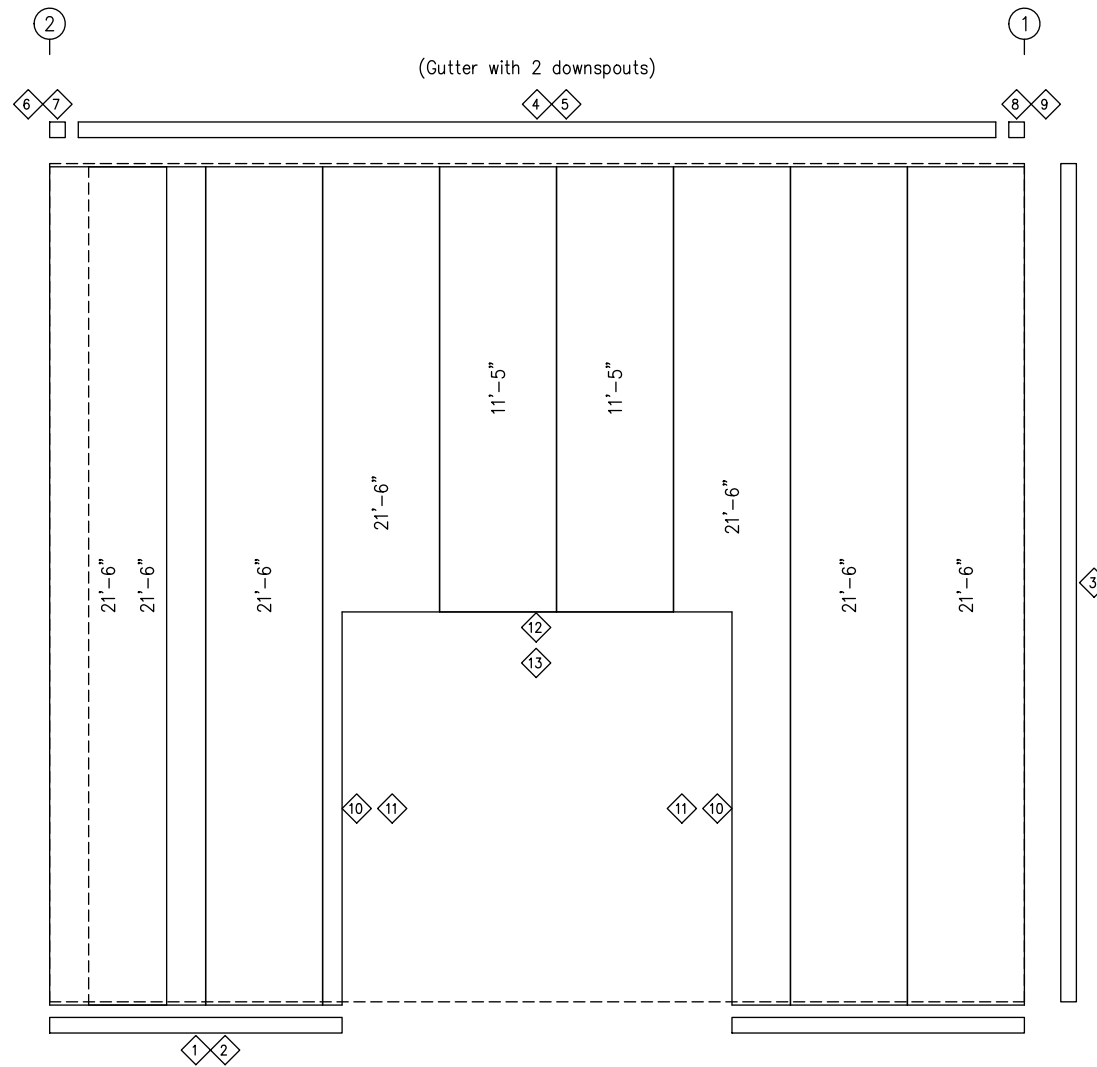
GENERAL NOTES:  
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.  
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.  
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.  
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



TRIM TABLE				
FRAME LINE C				
ID	QUAN	PART	LENGTH	DETAIL
1	*	FL-60	SCRAP	SD75
2	1	FL-60	20'-2"	SD75
3	2	FL-110	10'-10"	TD040
4	1	FL-170	5'-0"	TD515
5	2	FL-31	12'-7"	
6	1	FL-170L	11'-2"	
7	1	FL-183L	8"	TD088
8	1	FL-170R	11'-2"	TD595
9	1	FL-183R	8"	
10	1	FL-55	10'-2"	
11	1	FL-48	10'-3"	TD051
12	1	FL-55	10'-4"	
13	1	FL-52	10'-4"	TD052



SIDEWALL FRAMING: FRAME LINE C



SIDEWALL SHEETING & TRIM: FRAME LINE C

PANELS: 26 Ga. PBR - Bone White (Kymar)

MEMBER TABLE	
FRAME LINE C	
MARK	PART
DJ-100	8X35C16
E-100	L8E14
G-104	8X25Z16
G-105	8X25Z16
G-106	8X25C12
G-107	8X25Z12
G-108	8X25Z12
G-109	8X25Z16
G-110	8X25Z16
SJ-1	8X35C16
SJ-2	8X35C16
SJ-3	8X35C16

CONNECTION PLATES	
FRAME LINE C	
ID	MARK/PART
1	CL-104
2	CL-103
3	r101

DSN. APR.	APR. DATE
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 30 WINDERMERE LANE  
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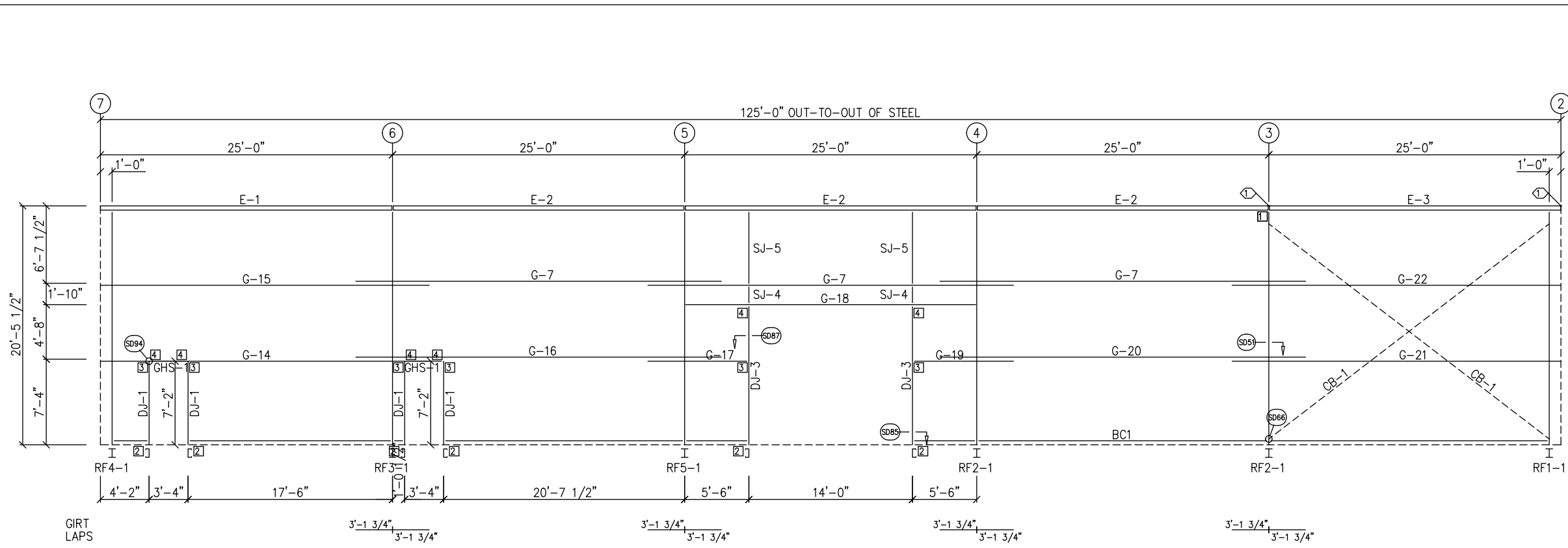
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DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

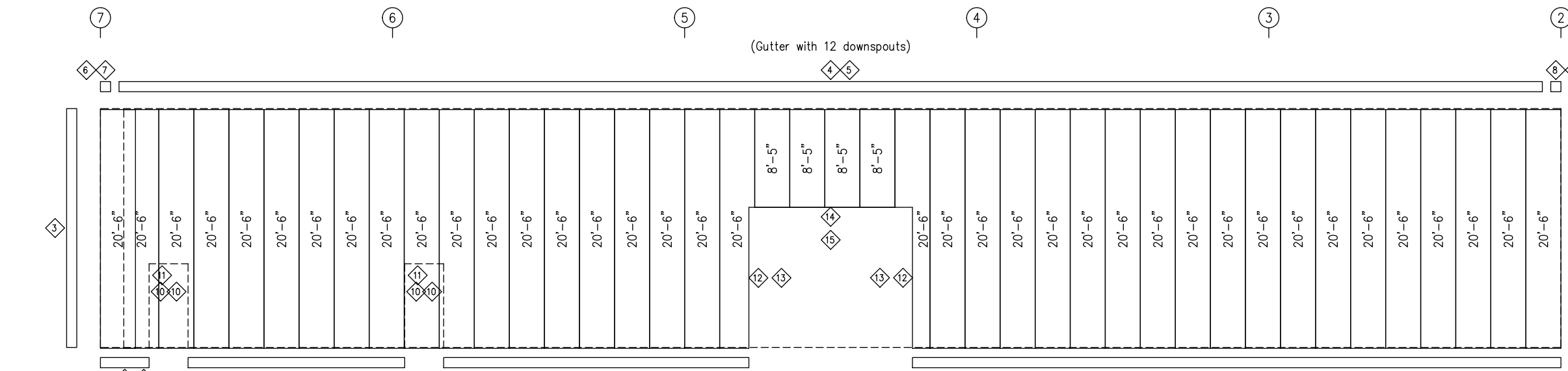
REVISIONS			
NO.	DATE	DESCRIPTION	BY / CK'D
A	7/11/24	FOR PERMIT	SDP / RD

<b>INLAND BUILDINGS</b>		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION SIDEWALL ELEVATION		SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812		E10f14	A

GENERAL NOTES:  
 TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.  
 FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.  
 FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.  
 FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



SIDEWALL FRAMING: FRAME LINE D



SIDEWALL SHEETING & TRIM: FRAME LINE D  
PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE D				
ID	QUAN	PART	LENGTH	DETAIL
1	*	FL-60	SCRAP	SD75
2	6	FL-60	20'-2"	SD75
3	2	FL-110	10'-4"	TD040
4	6	FL-170	17'-8"	TD515
5	7	FL-31	18'-0"	
6	1	FL-170L	11'-2"	
7	1	FL-183L	8"	TD088
8	1	FL-170R	11'-2"	TD595
9	1	FL-183R	8"	
10	1	FL-48	7'-5"	TD051
11	1	FL-52	3'-8"	TD052
12	1	FL-55	12'-2"	
13	1	FL-48	12'-3"	TD051
14	1	FL-55	14'-4"	
15	1	FL-52	14'-4"	TD052

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

CONNECTION PLATES	
FRAME LINE D	
ID	MARK/PART
1	CL-18
2	CL-104
3	CL-103
4	CL-100

MEMBER TABLE	
FRAME LINE D	
MARK	PART
DJ-1	8X35C16
DJ-3	8X35C16
GHS-1	13.875X14Ga.
E-1	L8E14
E-2	L8E14
E-3	L8E14
G-7	8X25Z16
G-14	8X35Z14
G-15	8X25Z14
G-16	8X35Z16
G-17	8X35Z16
G-18	8X25C16
G-19	8X35Z16
G-20	8X35Z16
G-21	8X35Z14
G-22	8X25Z14
CB-1	CB0500
SJ-4	8X35C16
SJ-5	8X35C16

DSN. APR.	APR. DATE
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NORTH CAROLINA LICENSE  
#010295 EXP. 12/31/24

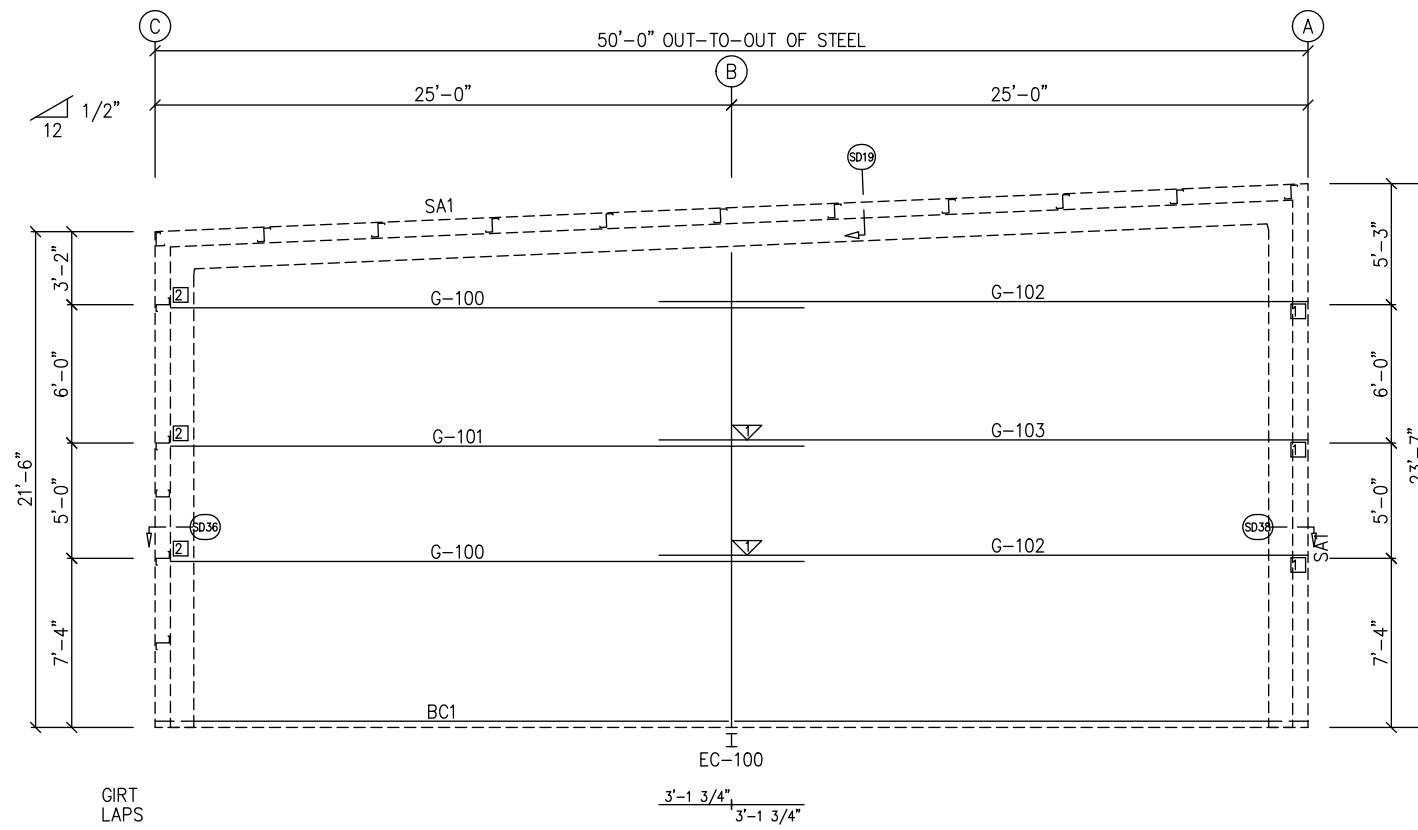
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DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

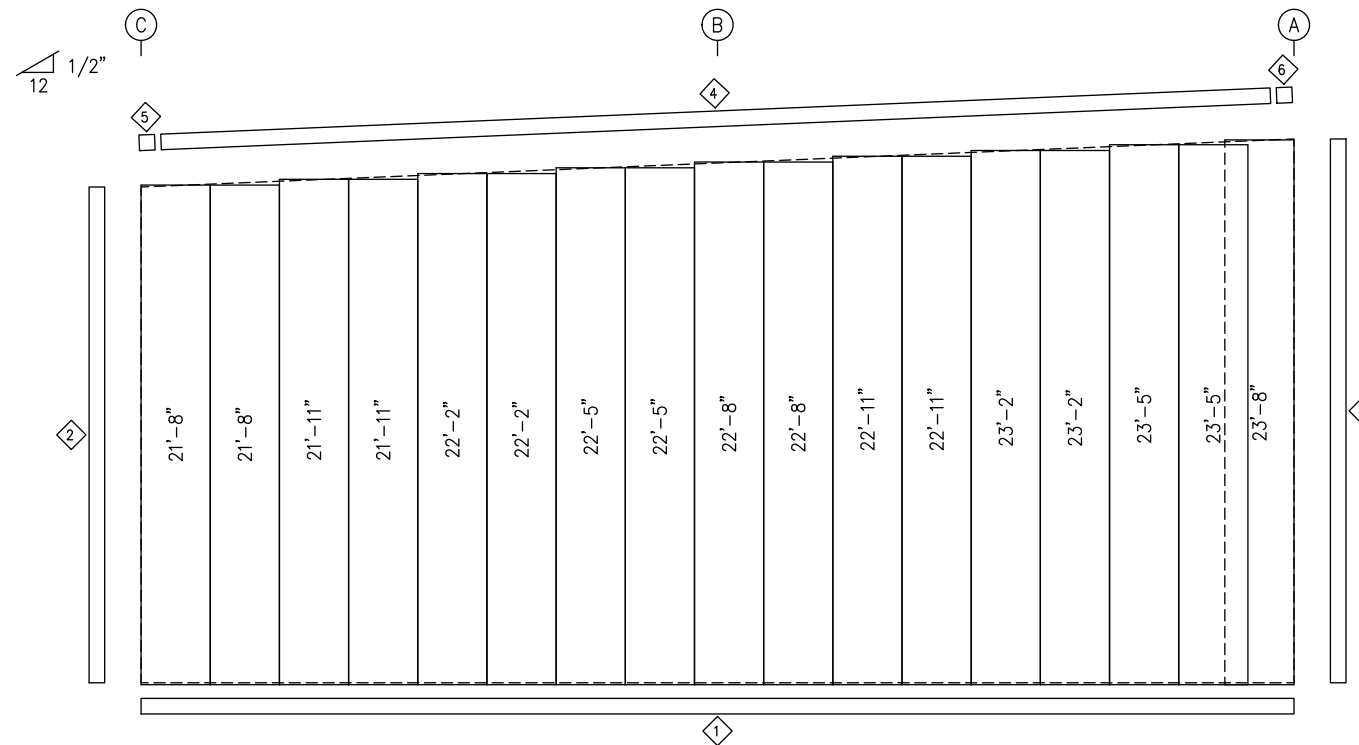
REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

INLAND BUILDINGS			
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055		PHONE: 800.438.1606	
FAX: 800.438.1626		www.inlandbuildings.com	
DESCRIPTION	SIDEWALL ELEVATION	SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	198812	PH BLDG. DESC.	SHEET NO.
		(Rev)	E11of 14
ISSUE			A

GENERAL NOTES:  
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.  
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.  
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.  
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1  
PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE 1				
QID	QUAN	PART	LENGTH	DETAIL
1	3	FL-60	20'-2"	SD75
2	2	FL-110	10'-10"	TD040
3	2	FL-82	11'-10"	TD106
4	3	FL-175	13'-6"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-175R	11'-2"	TD088

BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 1		
QID	MARK	LENGTH
1	FB100A	2'-9"

CONNECTION PLATES	
FRAME LINE 1	
QID	MARK/PART
1	d100
2	CL-64

MEMBER TABLE	
FRAME LINE 1	
MARK	PART
EC-100	W8X15
G-100	8X25Z14
G-101	8X35Z14
G-102	8X25Z14
G-103	8X35Z14

DSN. APR.	APR. DATE
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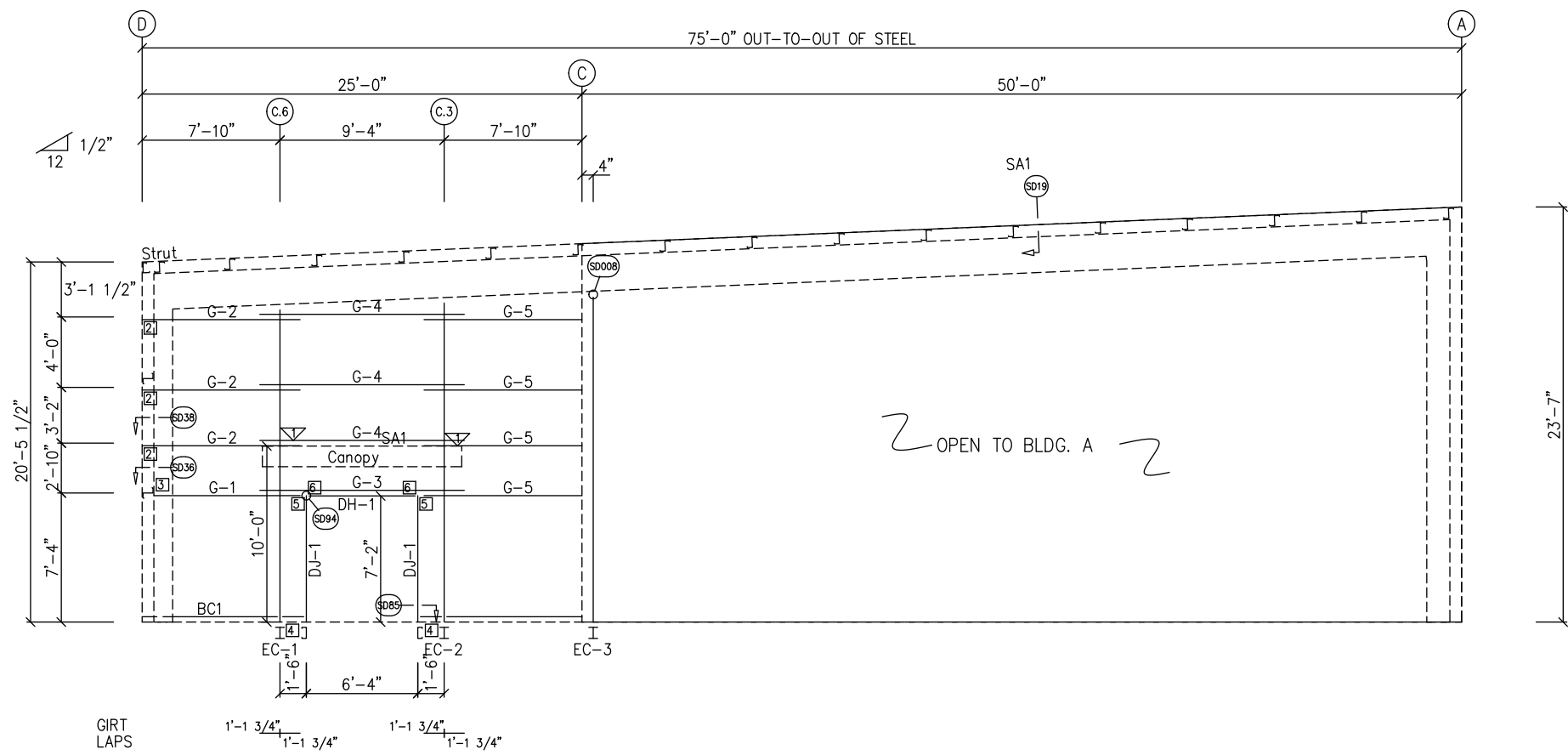
DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

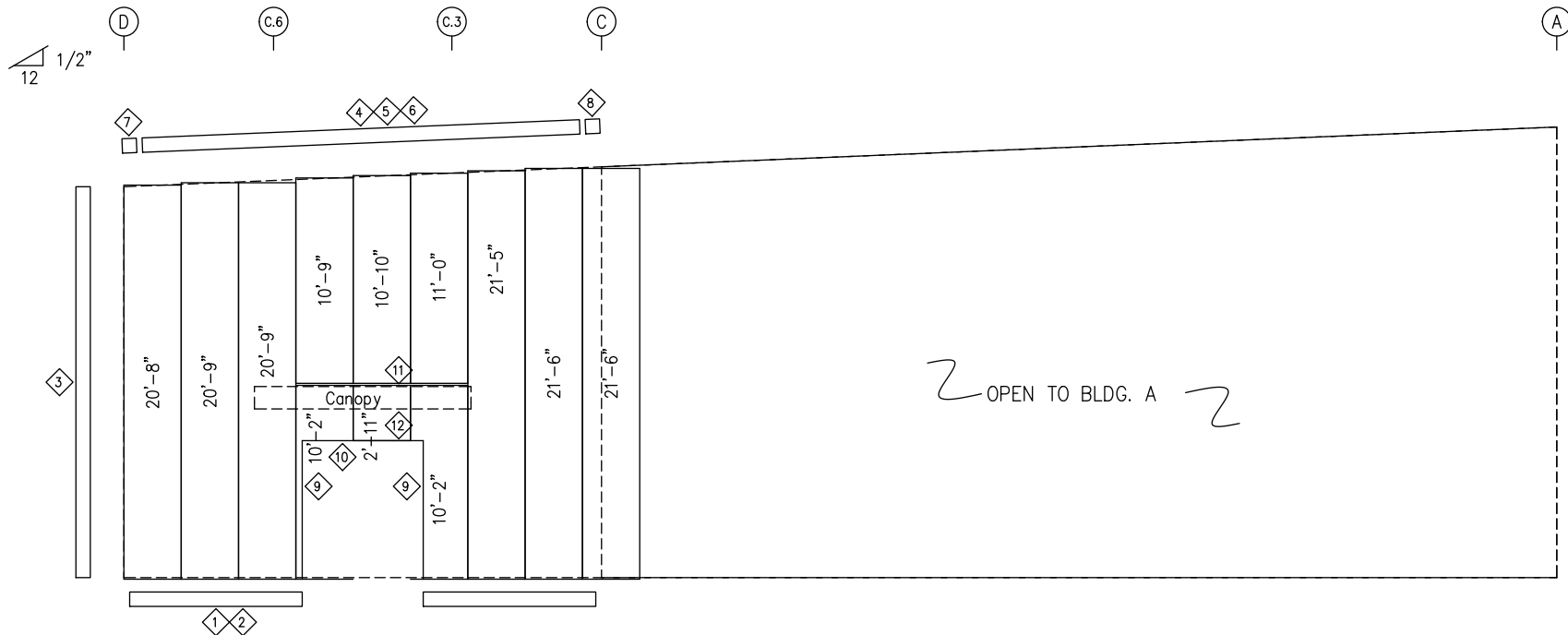
INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	
DESCRIPTION	ENDWALL ELEVATION	SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	198812	PH BLDG. DESC.	SHEET NO.
		(Rev)	E12of 14
			ISSUE
			A

DN19  
The framing as shown at this elevation is not designed for future expansion. Corresponding frame reactions are calculated based upon actual tributary area.

GENERAL NOTES:  
TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.  
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.  
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.  
BEVELCUT ENDWALL PANELS AS REQUIRED.  
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



ENDWALL FRAMING: FRAME LINE 2



ENDWALL SHEETING & TRIM: FRAME LINE 2  
PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE 2				
QID	QUAN	PART	LENGTH	DETAIL
1	1	FL-60	20'-2"	SD75
2	*	FL-60	SCRAP	SD75
3	2	FL-110	10'-4"	TD040
4	1	FL-175	15'-1"	TD535
5	3	FL-175	13'-6"	TD525
6	3	FL-78	16'-10"	
7	1	FL-175L	11'-2"	TD302
8	1	FL-175R	11'-2"	TD088
9	1	FL-48	7'-5"	TD051
10	1	FL-52	6'-8"	TD052
11	1	FL-65	11'-4"	
12	1	FL-91	11'-4"	TD225

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

FLANGE BRACE TABLE		
FRAME LINE 2		
VID	MARK	LENGTH
1	FB5A	2'-9"

CONNECTION PLATES	
FRAME LINE 2	
QID	MARK/PART
1	j1
2	d1
3	CL-64
4	CL-104
5	CL-103
6	CL-100

MEMBER TABLE	
FRAME LINE 2	
MARK	PART
EC-1	W8X18
EC-2	W8X18
EC-3	W8X18
DJ-1	8X35C16
DH-1	8X25C16
G-1	8X25Z16
G-2	8X25Z16
G-3	8X25Z16
G-4	8X25Z16
G-5	8X25Z16

DSN. APR.	APR. DATE
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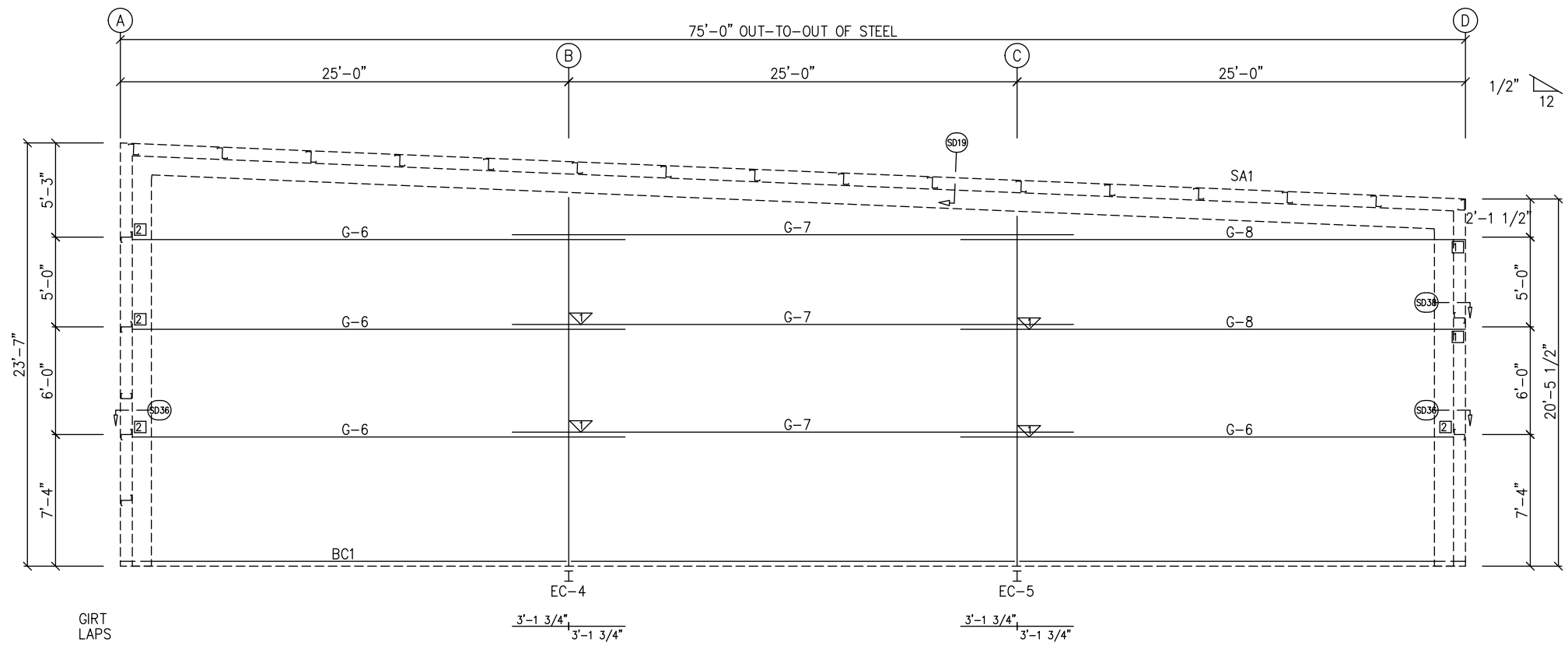
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DRAWING STATUS	
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

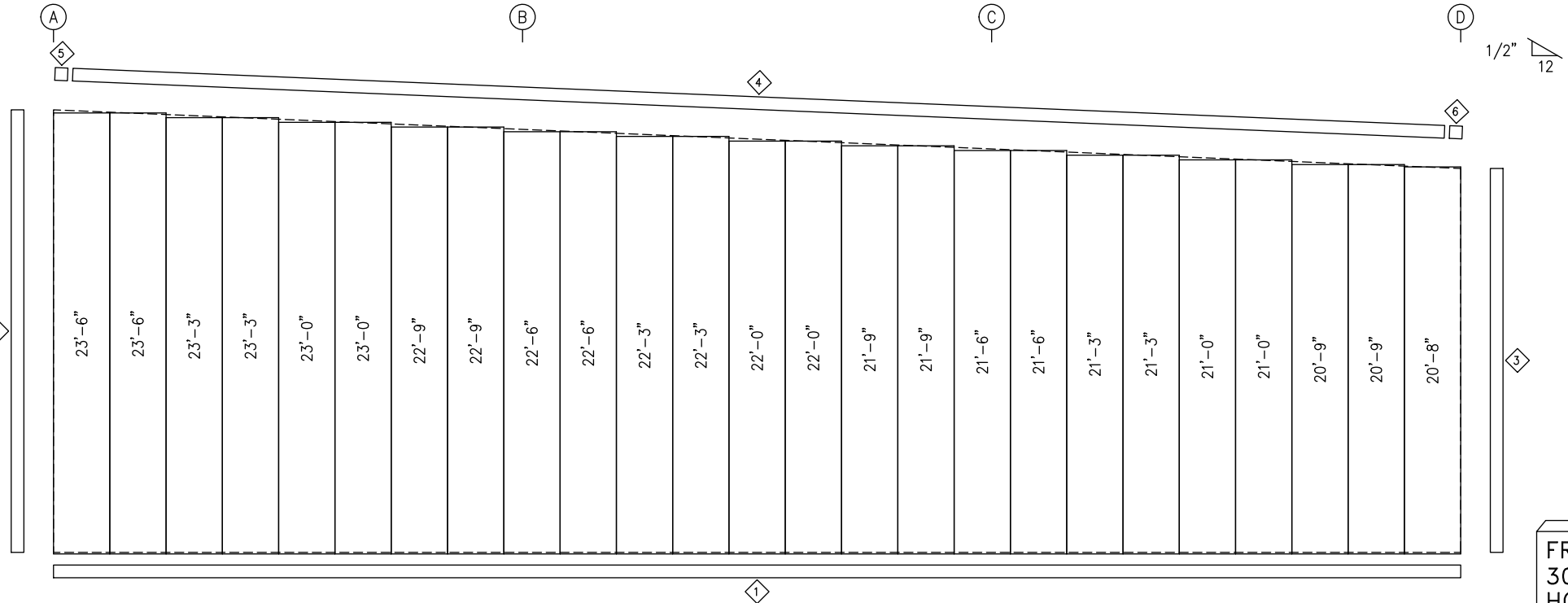
REVISIONS			
NO.	DATE	DESCRIPTION	BY / CK'D
A	7/11/24	FOR PERMIT	SDP / RD

INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	
DESCRIPTION	ENDWALL ELEVATION	SIZE	REFER TO C1
OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
198812		(Rev)	E13 of 14
ISSUE	A		

GENERAL NOTES:  
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FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.  
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.  
BEVEL CUT ENDWALL PANELS AS REQUIRED.  
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



ENDWALL FRAMING: FRAME LINE 7



ENDWALL SHEETING & TRIM: FRAME LINE 7

PANELS: 26 Ga. PBR - Bone White (Kynar)

TRIM TABLE				
FRAME LINE 7				
ID	QUAN	PART	LENGTH	DETAIL
1	4	FL-60	20'-2"	SD75
2	2	FL-110	11'-11"	TD040
3	2	FL-110	10'-4"	TD040
4	4	FL-175	16'-5"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-175R	11'-2"	TD088

BOLT TABLE				
FRAME LINE 7				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE		
FRAME LINE 7		
ID	MARK	LENGTH
1	FB5A	2'-9"

CONNECTION PLATES		
FRAME LINE 7		
ID	MARK/PART	LENGTH
1	d1	
2	CL-64	

MEMBER TABLE	
FRAME LINE 7	
MARK	PART
EC-4	W8X15
EC-5	W8X15
G-6	8X25Z12
G-7	8X25Z16
G-8	8X25Z12

DSN. APR.	APR. DATE
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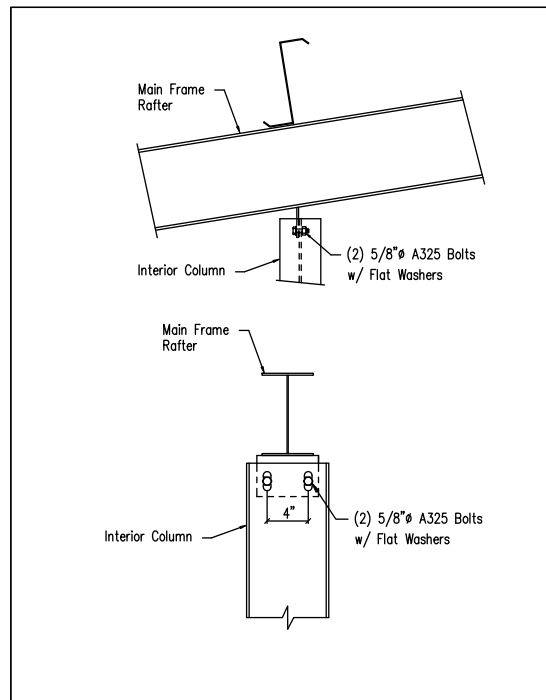
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<input type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY/CK'D
A	7/11/24	FOR PERMIT	SDP/RD

<b>INLAND BUILDINGS</b>		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606		FAX: 800.438.1626	
www.inlandbuildings.com			
DESCRIPTION: ENDWALL ELEVATION		SIZE: REFER TO C1	
OWNER OR PROJECT: Antioch Church of Erwin	CUSTOMER: MCPHAIL METAL STRUCTURES		
JOB SITE LOCATION: 494 ANTIOCH CHURCH RD	ADDRESS: 1478 CARROLL STORE ROAD		
DUNN, NC 28334-6470	AUTRYVILLE, NC 28318		
CAD BY: SDP	ENGR BY: FR	DATE: 7/11/24	SCALE: N.T.S.
JOB NO.: 198812	PH BLDG. DESC.:	SHEET NO.: E14of 14	ISSUE: A

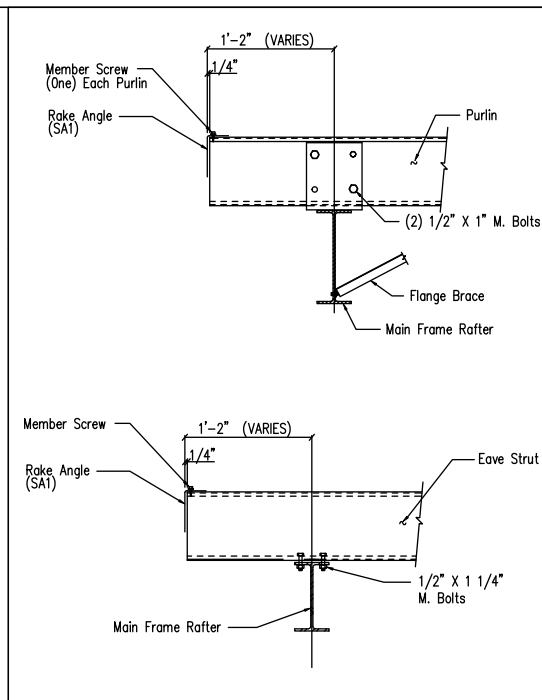
DN19  
 The framing as shown at this elevation is not designed for future expansion. Corresponding frame reactions are calculated based upon actual tributary area.

**GENERAL NOTES:**  
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 BEVELCUT ENDWALL PANELS AS REQUIRED.  
 FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.



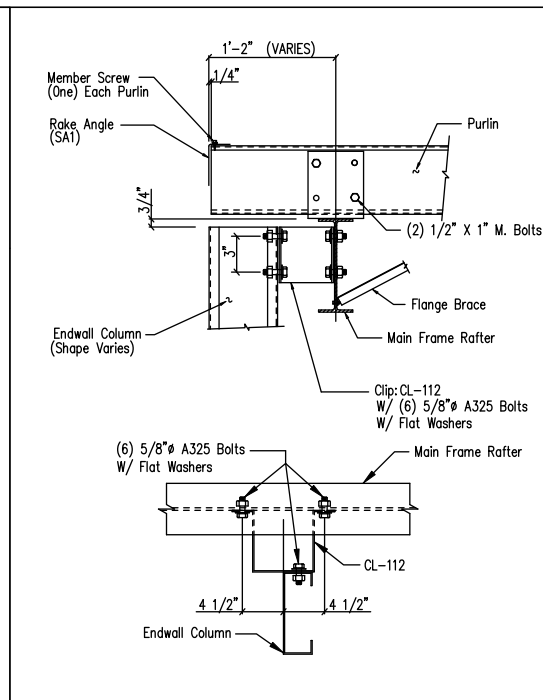
Hot Rolled Column to Main Frame Rafter

DRAWING NO. SD8



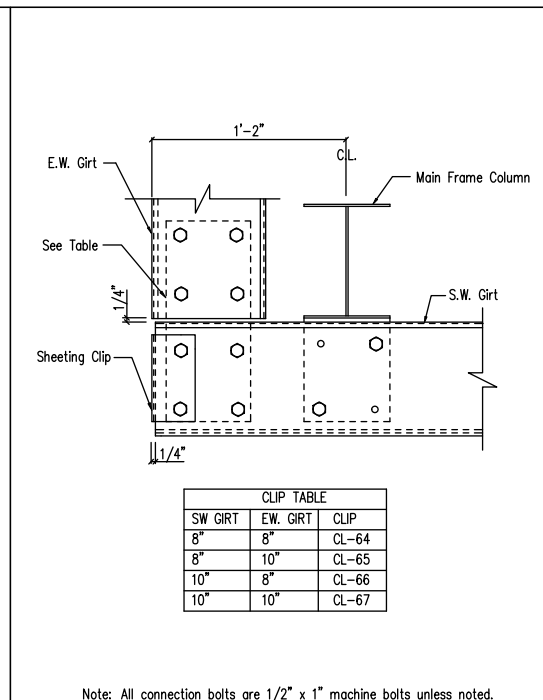
Main Frame Rafter Connection  
PURLIN & EAVE STRUT CONNECTION

DRAWING NO. SD10



CF Column to Main Frame Rafter Connection  
Flush Endwall

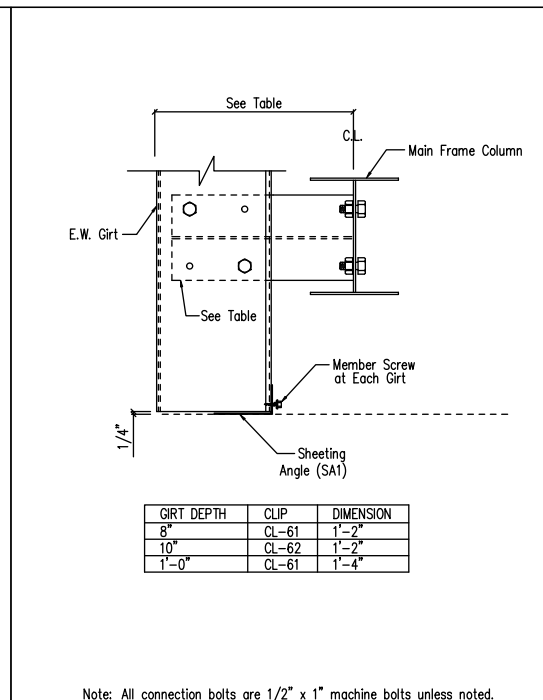
DRAWING NO. SD19



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

Section at MF Corner Column  
Flush Endwall

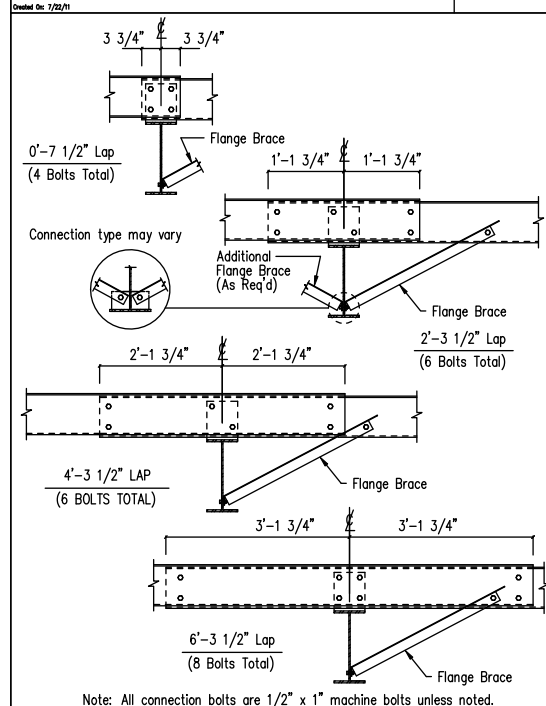
DRAWING NO. SD36



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

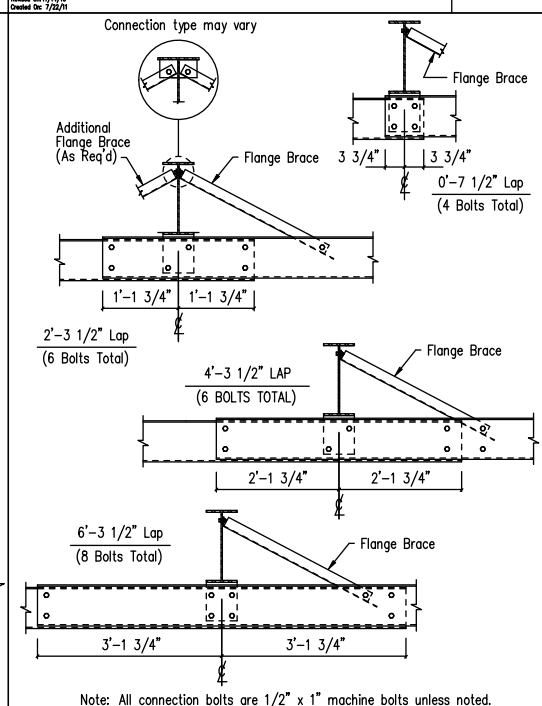
Section at MF Corner Column  
Flush Endwall - Open By-Pass Sidewall

DRAWING NO. SD38



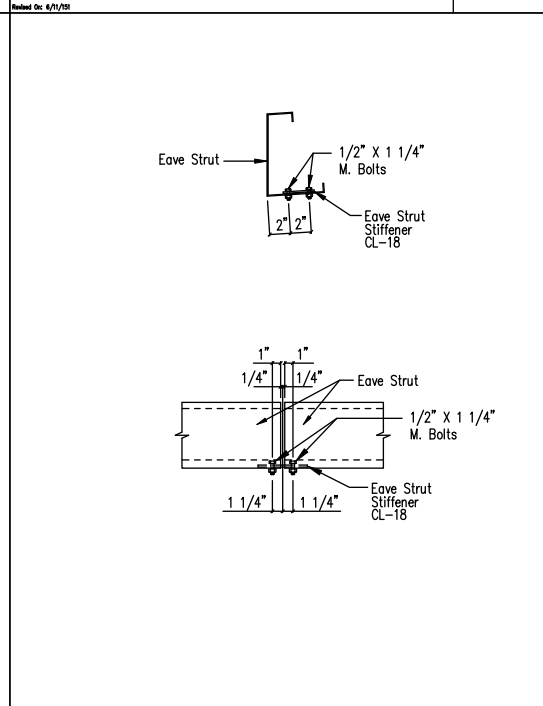
Interior Bay Purlin Framing

DRAWING NO. SD50



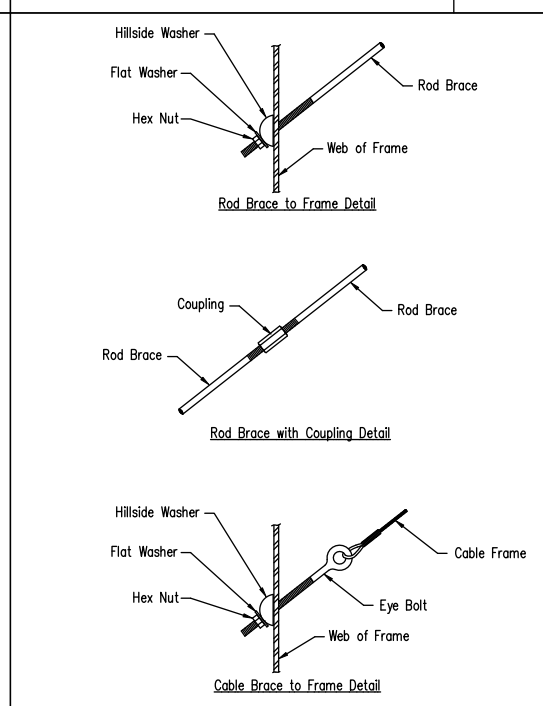
Interior Bay Girt Framing

DRAWING NO. SD51



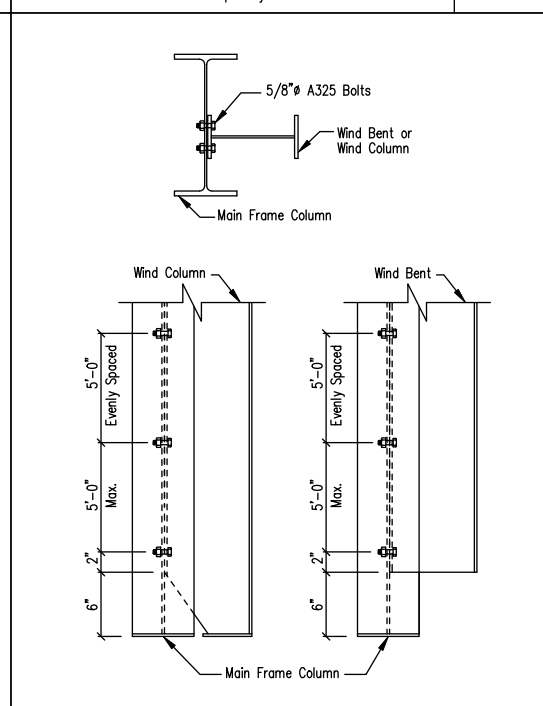
Eave Strut Stiffener Plate  
Low Eave

DRAWING NO. SD60



Cable or Rod Brace to Frame Connection

DRAWING NO. SD66



Wind Column/Bent Frame Detail

DRAWING NO. SD70

GENERAL NOTES:  
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.  
ALL TAPE SEALANT IS CONTINUOUS UNLESS NOTED.  
WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.  
FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.  
\* 1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.  
\* TRIM PROFILE MAY VARY.

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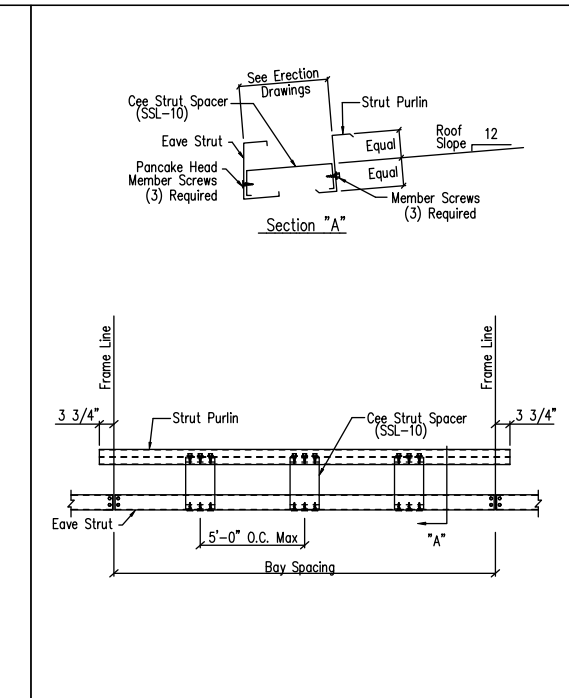
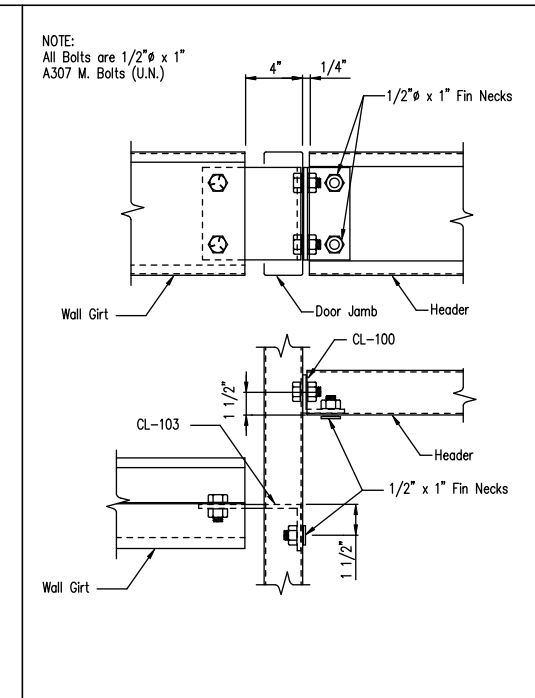
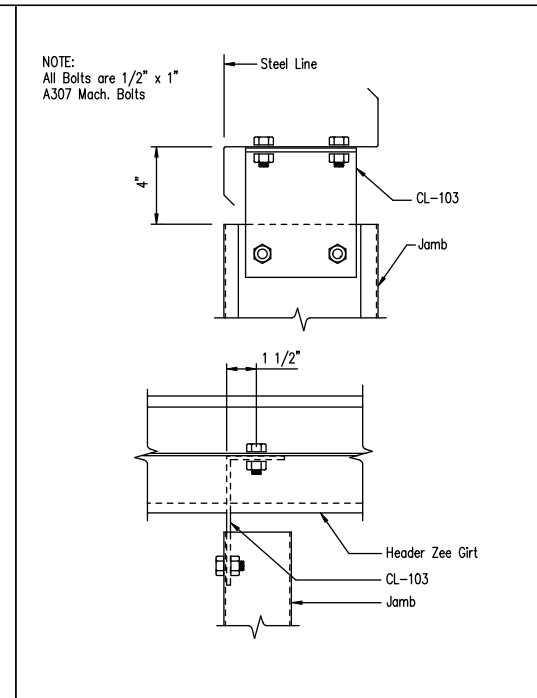
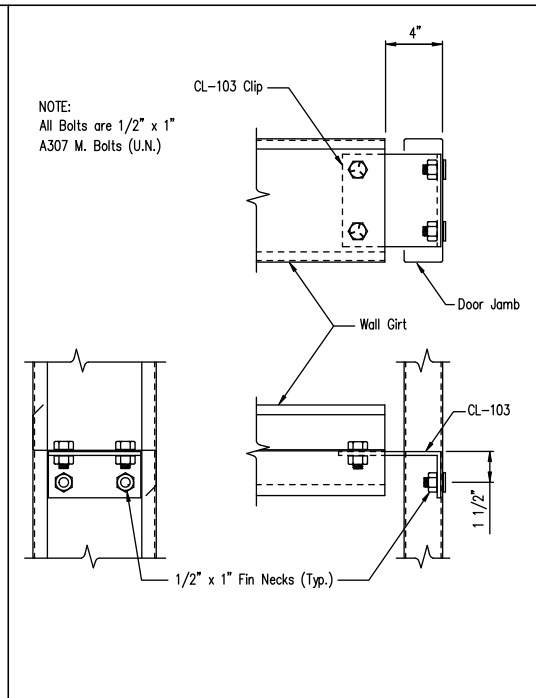
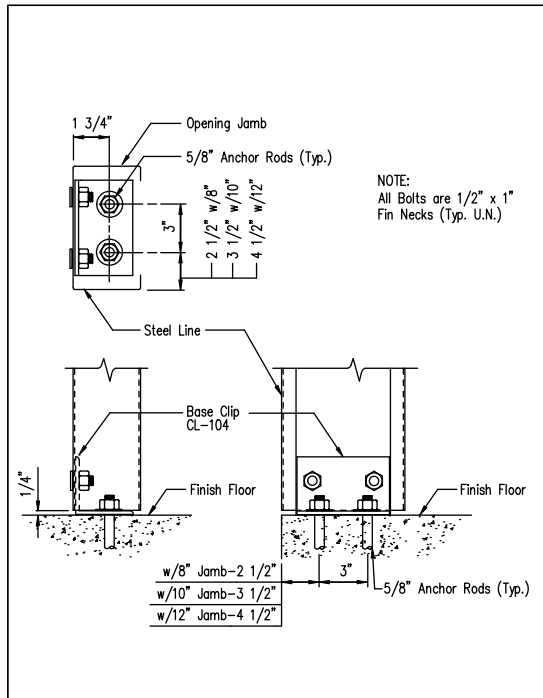
DRAWING STATUS		REVISIONS			INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CHK'D	OWNER OR PROJECT	DESCRIPTION DETAIL DRAWINGS
1	7/11/24	FOR PERMIT	SDP	RD	Antioch Church of Erwin	SIZE REFER TO C1
					CUSTOMER	MCPHAIL METAL STRUCTURES
					JOB SITE LOCATION	494 ANTIOCH CHURCH RD
					ADDRESS	1478 CARROLL STORE ROAD
					DUNN, NC 28334-6470	AUTRYVILLE, NC 28318
					CAD BY	ENGR BY
					SDP	FR
					DATE	SCALE
					7/11/24	N.T.S.
					JOB NO.	PH BLDG. DESC.
					198812	(None)
					SHEET NO.	ISSUE
					D1 of 5	A

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DSN. APR. APR. DATE

INLAND BUILDINGS  
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PHONE: 800.438.1606  
FAX: 800.438.1626  
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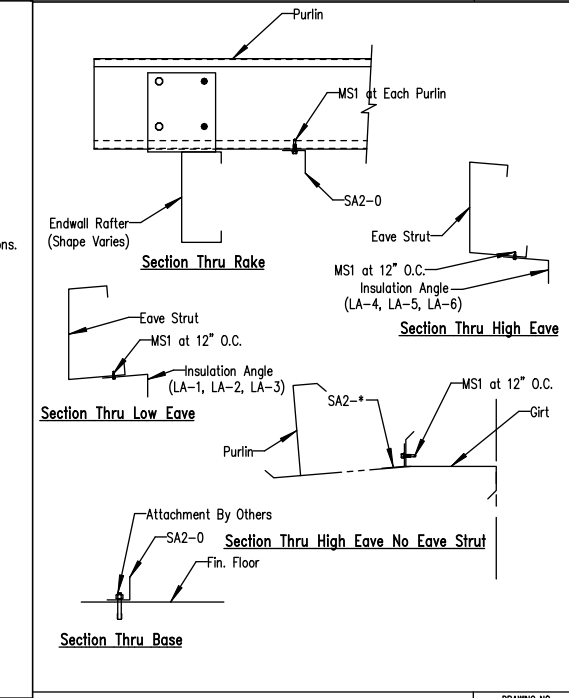
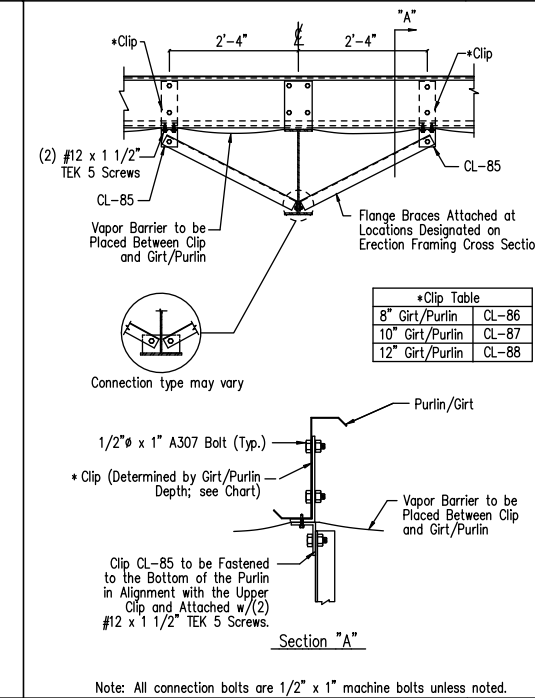
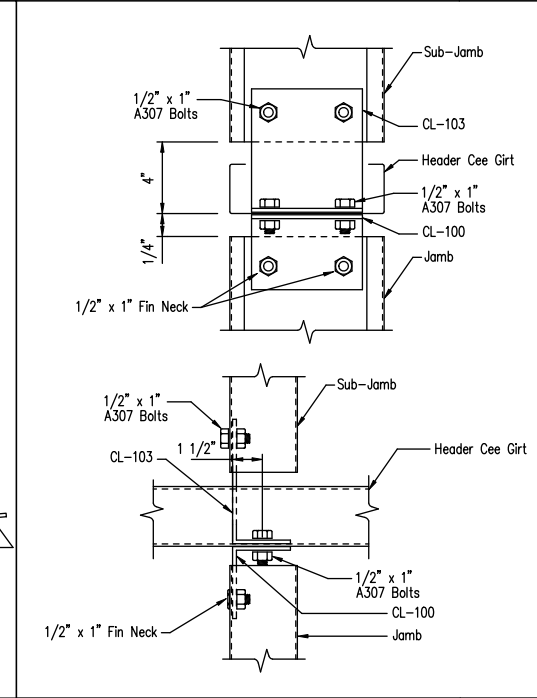
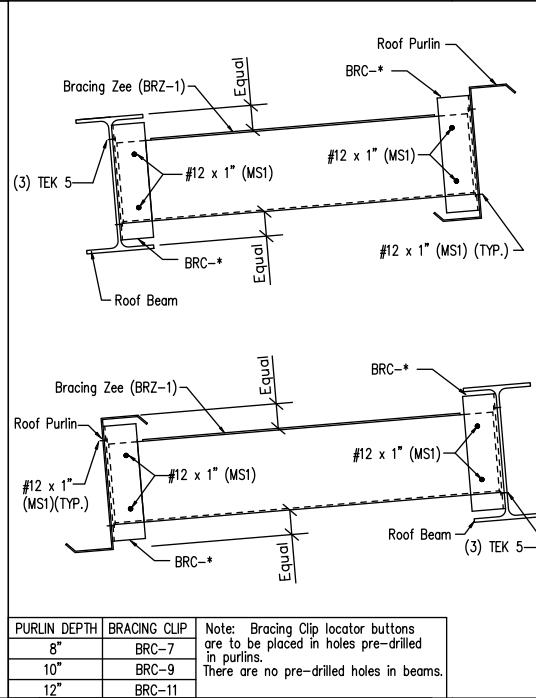
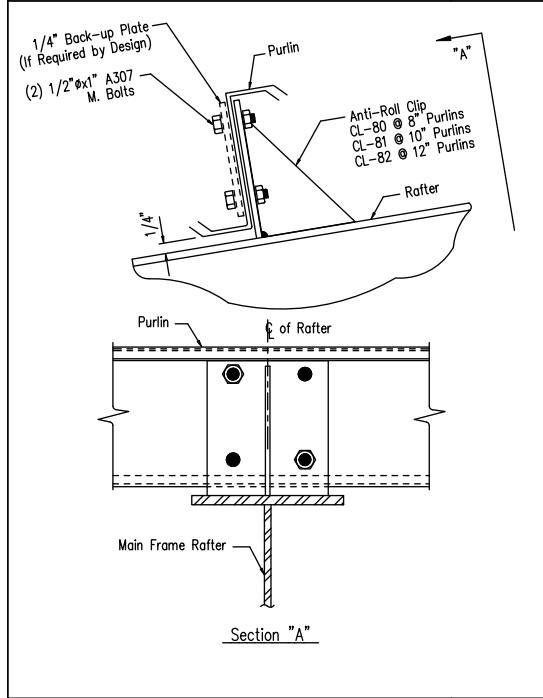
Jamb to Floor  
DRAWING NO. SD85  
Created On: 5/29/22

Girt to Jamb (Bolted Clips)  
DRAWING NO. SD87  
Created On: 10/29/20

Jamb to Header Girt  
DRAWING NO. SD94  
Created On: 10/29/20

Girt/Header to Jamb (Bolted Clips)  
DRAWING NO. SD95  
Created On: 10/29/20

Strut Purlin and Spacer Detail  
Low Eave  
DRAWING NO. SD107



Purlin to Anti-Roll Clip Connection  
DRAWING NO. SD115  
Created On: 3/29/21

Beam to Purlin Bridging  
DRAWING NO. SD111  
Created On: 10/29/22

Jamb to Header Girt with Sub-Jamb  
DRAWING NO. SD121  
Revised On: 04/28/20  
Created On: 10/29/20

Interior Girt/Purlin Flange Brace Attachment for Insulation  
DRAWING NO. SD161  
Revised On: 01/09/21  
Created On: 10/29/20

Wall and Roof Insulation Angles  
DRAWING NO. SD177

GENERAL NOTES:  
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.  
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REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
A	7/11/24	FOR PERMIT	SDP RD

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OWNER OR PROJECT		CUSTOMER	
Antioch Church of Erwin		MCPHAIL METAL STRUCTURES	
JOB SITE LOCATION		ADDRESS	
494 ANTIOCH CHURCH RD		1478 CARROLL STORE ROAD	
DUNN, NC 28334-6470		AUTRYVILLE, NC 28318	
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
JOB NO.	PH BLDG. DESC.	SHEET NO.	ISSUE
198812	(none)	D2 of 5	A



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**Roof Fasteners:** #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw  
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

**Wall Fasteners:** #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw  
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

**Trim Fasteners:** #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw  
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

**Liner Fasteners:** #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw  
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

**Partition Fasteners:** #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw  
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

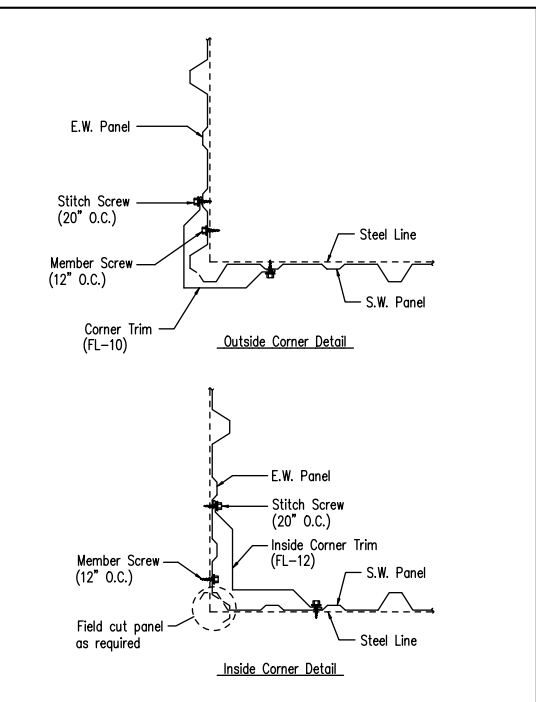
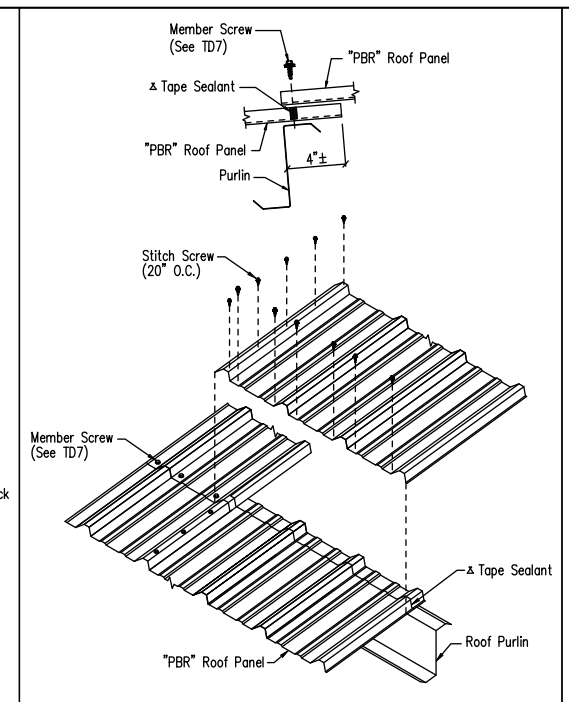
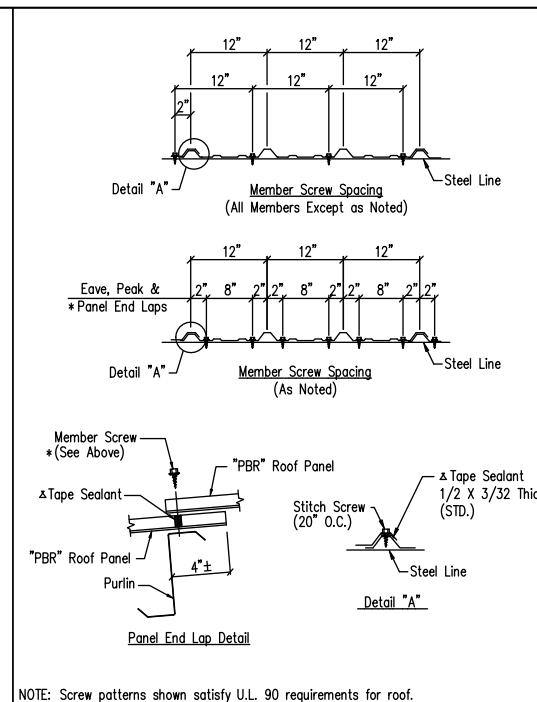
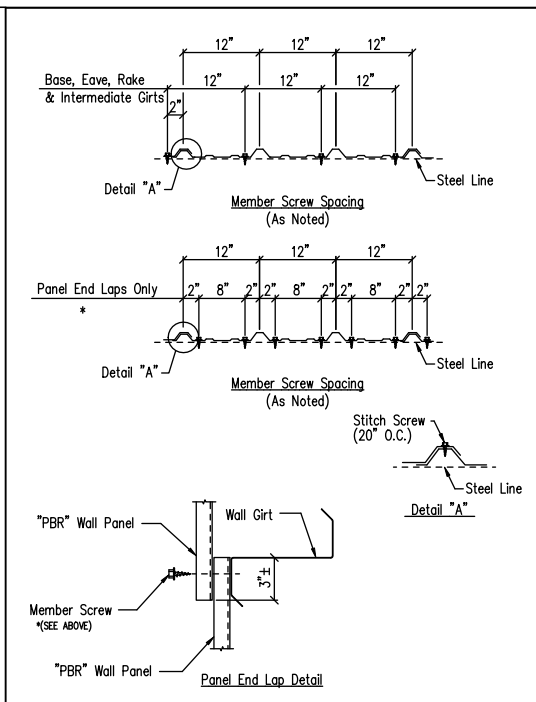
**Soffit Fasteners:** #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw  
 Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

**Steel to Steel Fasteners:** #12 x 1" Self Drilling Screw W/O Washer - Member Screw (MS1)

RF1: #10-16 x 1" Self Drilling Screw W/O Washer

**NOTE:** Refer to Details and Sections for specific screw types, locations, and spacing.

ΔTape Sealant 1" x 3/32" x 45'-0" (RSH45-1)



**Screw Size Note**

DRAWING NO. TD000

Created On: 6/25/13 Revised On: 01/21/24

**Fastener Location "PBR" Panel at Wall**

DRAWING NO. TD1

Created On: 3/2/12 Revised On: 06/13/16

**Fastener Location "PBR" Panel at Roof**

DRAWING NO. TD7

Created On: 1/2/17 Revised On: 3/2/12

**Panel Endlap Detail - PBR**

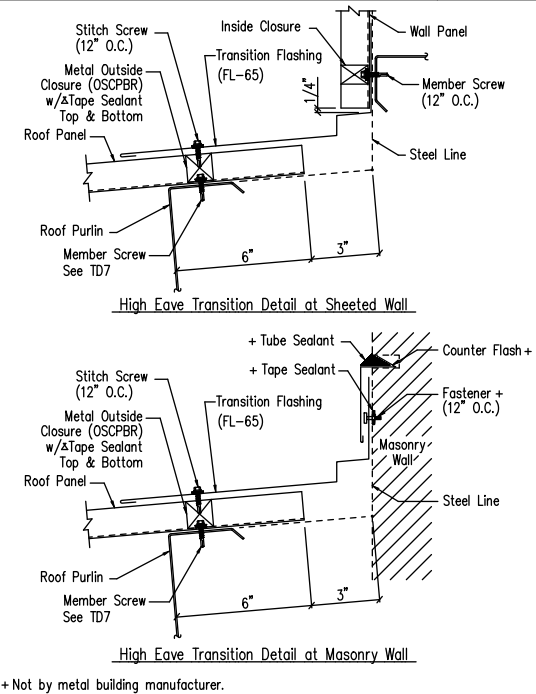
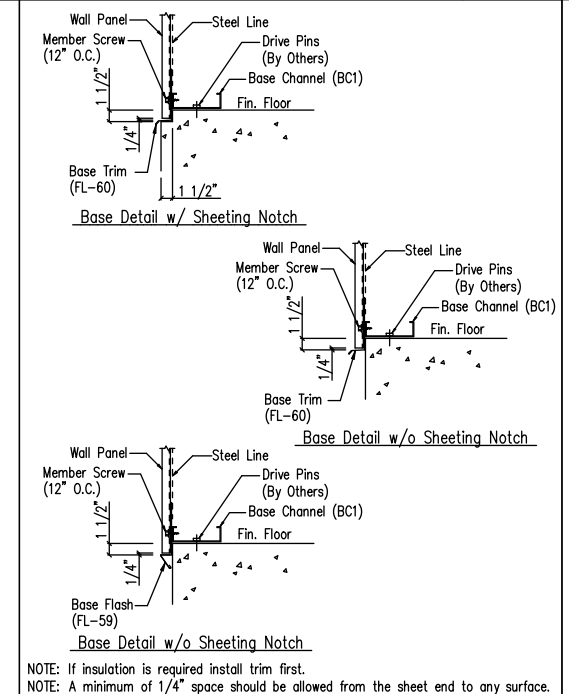
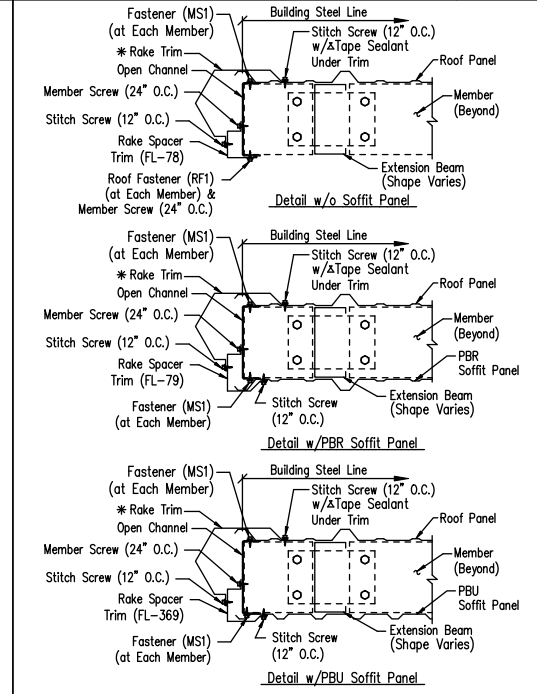
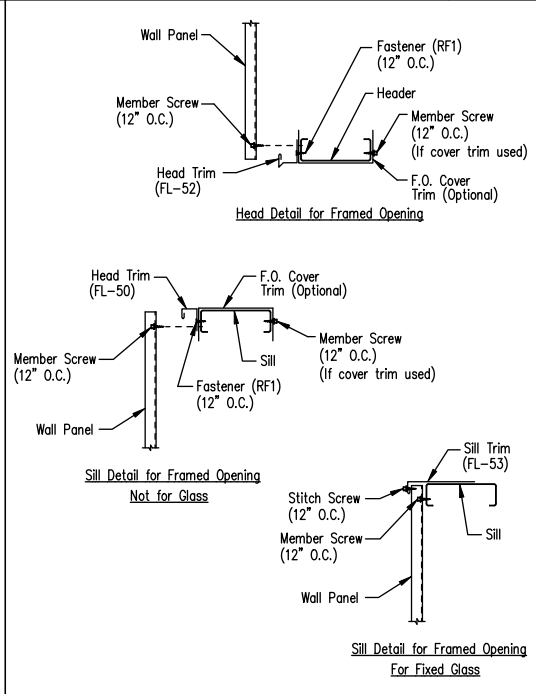
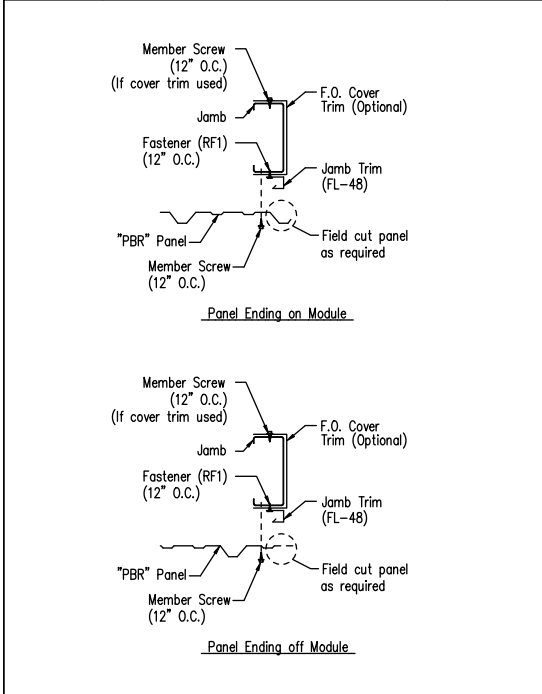
DRAWING NO. TD206

Created On: 3/2/12 Revised On: 06/07/14

**Section at Corner - PBR**

DRAWING NO. TD40

Created On: 3/2/12



**Jamb Detail For Framed Opening - PBR**

DRAWING NO. TD51

Created On: 3/2/12 Revised On: 02/24/13

**Framed Opening Head and Sill Details**

DRAWING NO. TD52

Created On: 3/2/12 Revised On: 7/6/14

**Flush Eave Extension Rake Detail - PBR Roof**

Standard Rake - 8" Purlins

DRAWING NO. TD62

Created On: 06/06/17

**Base Channel w/Trim**

DRAWING NO. SD75

Created On: 01/23/12 Revised On: 3/2/12

**High Eave Transition Detail - PBR**

DRAWING NO. TD207

Created On: 3/2/12 Revised On: 01/26/24

**GENERAL NOTES:**

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OWNER OR PROJECT	Antioch Church of Erwin	CUSTOMER	MCPHAIL METAL STRUCTURES
JOB SITE LOCATION	494 ANTIPOCH CHURCH RD DUNN, NC 28334-6470	ADDRESS	1478 CARROLL STORE ROAD AUTRYVILLE, NC 28318
CAD BY	SDP	ENGR BY	FR
DATE	7/11/24	SCALE	N.T.S.
JOB NO.	198812	PH BLDG. DESC.	(none)
SHEET NO.	D3 of 5	ISSUE	A

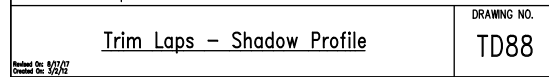
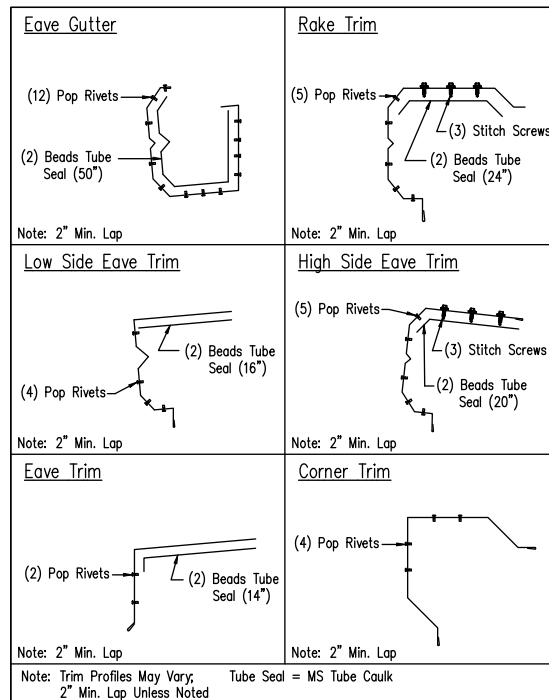
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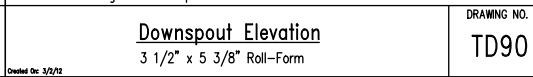
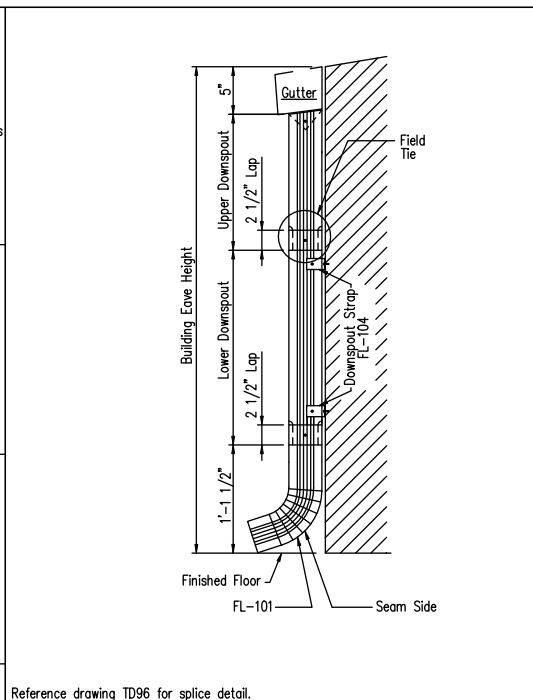
APR. DATE

NORTH CAROLINA PROFESSIONAL SEAL 010295 ENGINEER FRED F. RADFAR

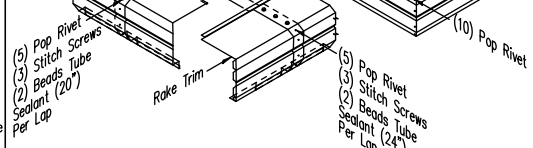




Note: Trim Profiles May Vary, Tube Seal = MS Tube Caulk  
 2" Min. Lap Unless Noted



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



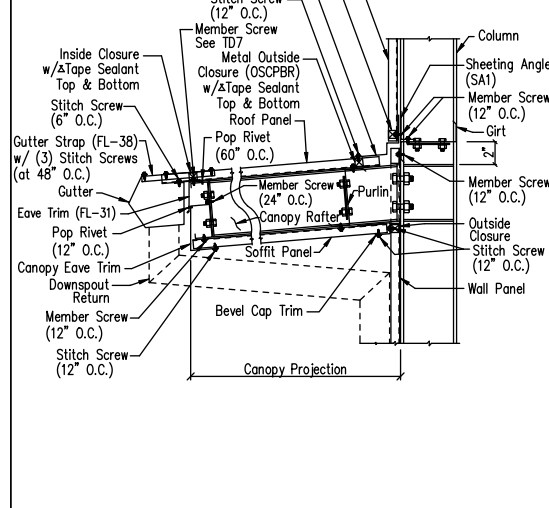
**Trim Laps - Shadow Profile**  
 DRAWING NO. TD88  
 Revised On: 5/17/12  
 Created On: 3/2/12

**Downspout Elevation**  
 3 1/2" x 5 3/8" Roll-Form  
 DRAWING NO. TD90  
 Revised On: 3/2/12

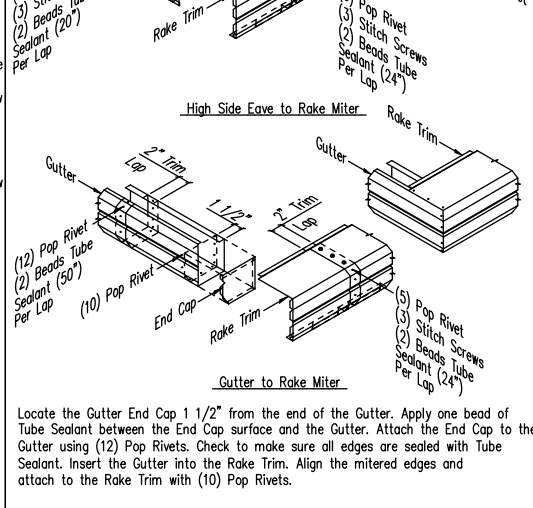
**Downspout Kickout and Splice Detail**  
 3 1/2" x 5 3/8" Roll-Form  
 DRAWING NO. TD96  
 Revised On: 3/2/12

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

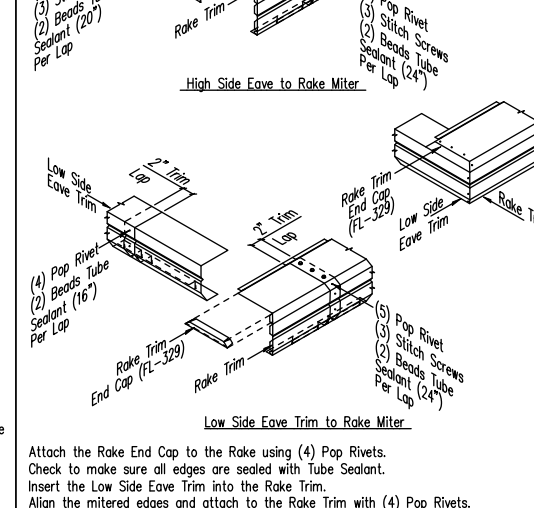
**Section at Open Corner - PBR**  
 DRAWING NO. TD106  
 Revised On: 3/2/12



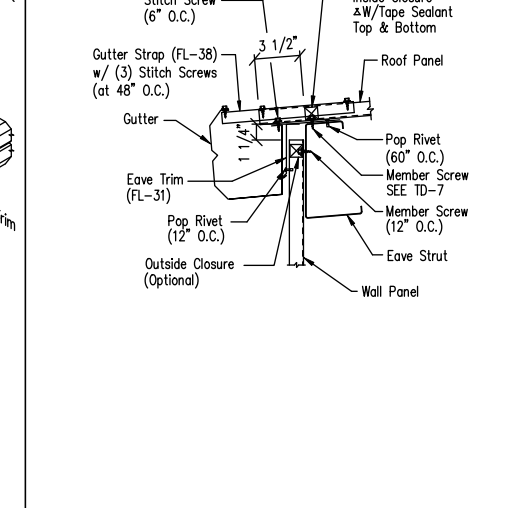
**Below Eave Canopy w/Soffit**  
 (Flush Condition)  
 DRAWING NO. TD225  
 Revised On: 5/17/12  
 Created On: 3/2/12



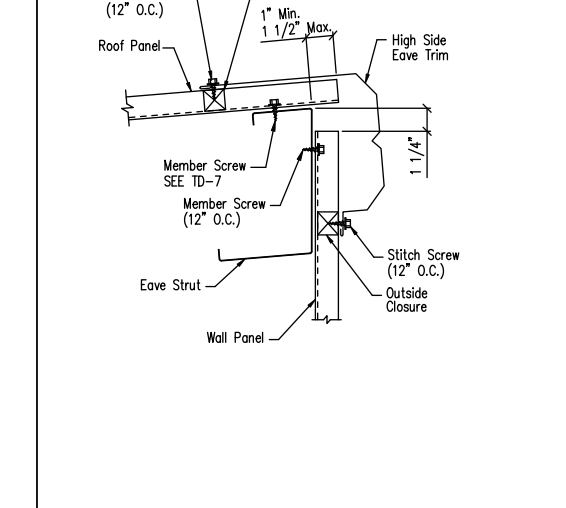
**PBR Shadow Trim Detail**  
 Sculptured Eave Trim  
 DRAWING NO. TD302  
 Revised On: 3/2/12



**PBR Shadow Trim Detail**  
 Sculptured Eave Trim  
 DRAWING NO. TD328  
 Revised On: 3/2/12



**Low Eave Detail - PBR**  
 Shaded Gutter - Sheeted Wall  
 DRAWING NO. TD515  
 Revised On: 5/22/13



**High Eave Detail - PBR**  
 High Side Shadow Eave Trim - Sheeted Wall  
 DRAWING NO. TD518  
 Revised On: 5/22/13

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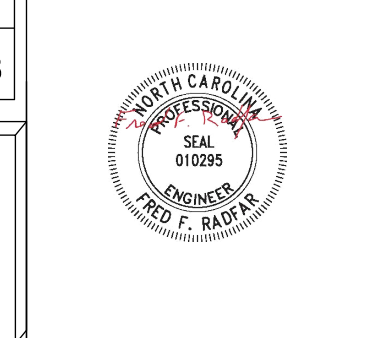
Locate the Gutter End Cap 1 1/2" from the end of the Gutter. Apply one bead of Tube Sealant between the End Cap surface and the Gutter. Attach the End Cap to the Gutter using (12) Pop Rivets. Check to make sure all edges are sealed with Tube Sealant. Insert the Gutter into the Rake Trim. Align the mitered edges and attach to the Rake Trim with (10) Pop Rivets.

Attach the Rake End Cap to the Rake using (4) Pop Rivets. Check to make sure all edges are sealed with Tube Sealant. Insert the Low Side Eave Trim into the Rake Trim. Align the mitered edges and attach to the Rake Trim with (4) Pop Rivets.

Always measure the required length starting at the swaged end. After cutting to length, insert the swaged end of the cut downspout into the top of the lower downspout. Secure with pop rivets (6 per connection) and tube sealant.

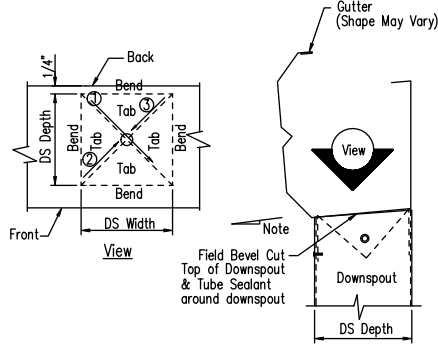
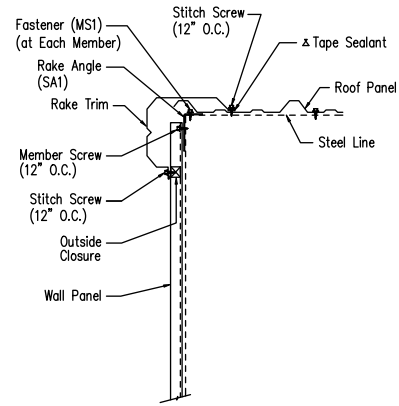
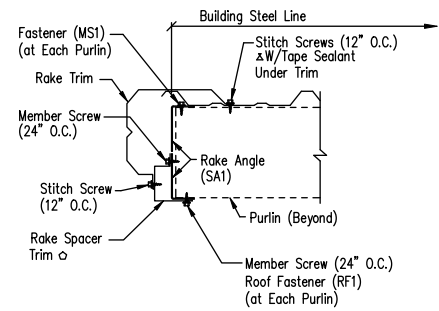
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APR.	DATE



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INLAND BUILDINGS		INLAND BUILDINGS	
OWNER OR PROJECT	Antioch Church of Erwin	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	PHONE: 800.438.1606
JOB SITE LOCATION	494 ANTIPOCH CHURCH RD DUNN, NC 28334-6470	FAX: 800.438.1626	www.inlandbuildings.com
CAD BY	ENGR BY	DATE	SCALE
SDP	FR	7/11/24	N.T.S.
DESCRIPTION	DETAIL DRAWINGS	SIZE	REFER TO C1
CUSTOMER	MCPHAIL METAL STRUCTURES	ADDRESS	1478 CARROLL STORE ROAD
LOCATION	AUTRYVILLE, NC 28318	JOB NO.	198812
PH	BLDG. DESC.	SHEET NO.	D4 of 5
ISSUE			A



1. Refer to the building erection drawings for the location and spacing of the downspouts.
2. Locate all downspouts over a major panel rib if possible.
3. Make a cardboard template of the downspout shape. Place the template on the bottom of the gutter and trace the outline. Remove the template and draw a line from corner to corner, forming an "X" pattern.
4. Drill a hole at the center of the "X". Using tin snips, cut along the lines of the X only. Do not cut along the outside lines of the downspout square.
5. Bend each triangular tab down toward the ground, 90 Degrees to the bottom of the gutter.
6. Position the top of the downspout under the gutter. Make sure all four gutter tabs are on the inside of the downspout.
7. Install Pop Rivets through the downspout into the gutter tab. Only the two sides and the front of the downspout will receive Pop Rivets.

TRIM TABLE	
Purlin Size	Piece Mark
8"	FL-78
10"	FL-365
12"	FL-366

**Rake Detail - PBR**  
Shadow Rake - Open Wall

DRAWING NO.  
**TD525**

**Rake Detail - PBR**  
Shadow Rake - Sheeted Wall

DRAWING NO.  
**TD535**

**Downspout to Gutter Attachment Detail (Shadow Profile)**

DRAWING NO.  
**TD595**

Created On : 02/22/13 Revisd on : 06/19/16

Created On : 02/22/13 Revisd on : 06/19/16

Created On : 02/22/13

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NO.	DATE	DESCRIPTION	BY	CK'D	NO.	DATE	DESCRIPTION	BY	CK'D	NO.	DATE	DESCRIPTION	BY	CK'D
					A	7/11/24	FOR PERMIT	SDP	RD	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com				
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