



We make it right, every time.

Design Criteria

BUILDING LOADS / DESCRIPTION:

WIDTH: 40 LENGTH: 60 HEIGHT: 20 /20  
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY : FBC 20

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD: 2.000 PSF (ROOF PANELS & PURLINS)  
ROOF LIVE LOAD: 20.00 PSF  
Tributary Reduction Used: Yes Rigid Frame LL: 15.2 PSF2  
COLLATERAL LOAD: 1 PSF  
BASIC WIND SPEED: 120 MPH  
lw: 1.00 Exposure: B  
Internal Pressure Coefficient: 0.18 / -0.18  
Building Enclosure: Closed

SNOW LOAD: 0 PSF  
Pg: 0 psf ls: 1.0000  
Pf: 0 psf Ct: 1.00  
Ce: 1.0000

SEISMIC DATA: Seismic zone B  
Use Group: II - Normal Sds: 0.10  
Sdl: 0.08 Site Class: D

Seismic-force-resisting System:  
Transverse Load: R: 0.56 Cs: 0.0338  
Longitudinal Load: R: 0.55 Cs: 0.0338  
Design Base Shear V= 0.55 kips

IMPORTANCE FACTORS:

Wind Load Importance Factor: 1.00  
Snow Load Importance Factor: 1.0000  
Seismic Load Importance Factor: 1.00

DEFLECTION LIMITS:

RIGID FRAME: H/ 60 GIRTS: L/ 90  
RIGID FRAME: L/ 180 ENDWALL COLUMNS: L/ 180  
WIND FRAMING: L/ 60  
PURLINS: L/ 180 ENDWALL RAFTERS: L/ 180  
ROOF PANELS: L/ 60 WALL PANELS: L/ 60

OTHER LOADS

Crane Load: Capacity: 0 tons Type: 0 Class: 0

Project Colors

ROOF PANELS:

COLOR: 26 PBR Galvalume 26ga.

WALL PANELS:

COLOR: 26 PBR Need Std. Color

TRIM COLORS:

GUTTER: Need Std. Color STYLE=---  
GABLE: Need Std. Color  
CORNER: Need Std. Color  
EAVE: Need Std. Color  
FRAMED OPENINGS: Need Std. Color  
BASE: Need Std. Color

LINER PANELS:

COLOR: N/A

LINER TRIM:

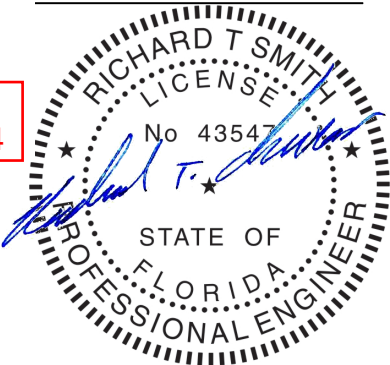
COLOR: N/A

SPECIAL NOTES:

Richard T. Smith

PE #43547 Ph-706-888-4874

510 Lee Rd 281  
Salem AL, 36874



REVIEWED

By Richard T Smith at 7:52 pm, Mar 08, 2021

GENERAL

All materials included in the Metal Building System are in accordance with the Manufacturer's usual details and standards unless otherwise specified on the Order Documents.  
(MBMA '06 IV 2.1)

DESIGN RESPONSIBILITY

The Manufacturer is responsible only for the structural design of the Metal Building System it designs and sells to the Builder. The Manufacturer or the Manufacturer's Engineer is not the Design Professional or Engineer of Record for the Construction Project. The Manufacturer is not responsible for the design of any component or materials not sold by it, or their interface and connection with the Metal Building System unless such design responsibility is specifically required by the Order Documents. (MBMA '06 IV 3.1)

FOUNDATION DESIGN

The Manufacturer is not responsible for the design, materials, and workmanship of the foundation. Anchor bolt plans prepared by the Manufacturer are intended to show only location, diameter, and projection of anchor bolts required to attach the Metal Building System to the foundation. It is the responsibility of the End Customer to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, tie rods, and/or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site.  
(MBMA '06 IV 3.2.2)

EXISTING BUILDINGS

The Manufacturer does not investigate the influence of the Metal Building System on existing buildings or structures. The End Customer assures that such buildings and structures are adequate to resist snow loads or other conditions as a result of the presence of the Metal Building System.  
(MBMA '06 IV 3.2.5)

SHOP PRIMED STEEL

All structural members of the Metal Building System not fabricated of corrosion resistant material or protected by a corrosion resistant coating are painted one coat of shop primer meeting the performance requirements of TTP-636. All surfaces to receive shop primer are cleaned of loose rust, loose mill scale and other foreign matter by using, as a minimum, the hand tool cleaning method SSPC-SP2 (Steel Structures Painting Council) prior to painting. The coat of shop primer is intended to protect the steel framing for only a short period of exposure to ordinary atmospheric conditions. Shop primed steel which is stored in the field pending erection should be kept free of the ground and so positioned as to minimize water-holding pockets, dust, mud, and other contamination of the primer film. Repairs of damage to primed surfaces and/or removal of foreign material due to improper field storage or site conditions are not the responsibility of the Manufacturer. The Manufacturer is not responsible for deterioration of the shop coat of primer or corrosion that may result from exposure to atmospheric and environmental conditons, nor the compatibility of the primer of any field applied coating. Minor abrasions to the shop coat (including galvanizing) caused by handling, loading, shipping, unloading and erection after painting or galvanizing are unavoidable. Touch-up of these minor abrasions is the responsibility of the End Customer.  
(MBMA '06 IV 4.2.4)

ERECTION-GENERAL

D.B.C. is not responsible for the erection of the Metal Building System, the supply of any tools or equipment, or any other field work. D.B.C. does not provide any field supervision for the erection of the structure nor does D.B.C. perform any intermediate or final inspections of the Metal Building System during or after erection. Field erection of a Pre-engineered Metal Building, as in all construction projects, involves hazards to persons within the area of the construction and risk of damage to the property itself. Diverse Buildings does not furnish an erection manual since field erection procedures can vary because of many items including local conditions, equipment availability, the type of building being erected, and the expertise of the particular erector. The Erector, by entering into a contract to erect the building, holds itself out as skilled in the erection of Metal Building Systems and is responsible for complying with all applicable local, federal, and state construction and safety regulations including OSHA regulations as well as any applicable requirements of local, national, or international union rules or practices. (MBMA '06 IV 6.9)  
The erection drawings furnished by D.B.C. are not intended to specify any particular method of erection to be followed by the Erector. The Erector remains solely responsible for the safety and appropriateness of all techniques and methods utilized by its crews in the erection of the Metal Building System. The Erector is also responsible for supplying any safety devices such as scaffolds, runways, nets, etc., which may be required to safely erect the Metal Building System. (MBMA '06 IV 6.9) Diverse Buildings expressly disclaims any responsibility for injury to persons in the course of erection or for damage to the product itself.  
Only experienced persons who are skilled and qualified in the erection of metal buildings should be permitted to field-erect a building due to the hazards of this construction activity. The Erector shall furnish temporary guys and bracing where needed for squaring, plumbing, and securing the structural framing against loads, such as wind loads acting on the exposed framing as well as loads due to erection equipment and erection operation, but not including loads resulting from the performance of work by others. Bracing furnished by D.B.C. for the Metal Building System cannot be assumed to be adequate during erection. Temporary supports such as temporary guys, braces, falsework, cribbing or other elements required for the erection operation will be determined and furnished and installed by the Erector. (MBMA '06 IV 6.2.1.5, AISC 9th ed. 7.9.1)

Safety Procedures

D.B.C. is committed to manufacturing a quality product that can be erected safely. Although good job site practices and a commitment of safety by the erector, are beyond the control of D.B.C., D.B.C. highly recommends the erector provide good, safe working conditions on the job site. The erector should follow all local, state and federal health and safety rules at all times. The use of hard hats, rubber sole shoes, safety nets, when needed, and proper equipment are very important. Accident prevention practices should be implemented and each employee should know emergency procedures. D.B.C. also recommends daily meetings to discuss safety erection procedures.

DRAWING STATUS

☐ 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.

☐ 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.

☒ FOR CONSTRUCTION:  
FINAL DRAWINGS.

REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
P	1/22/21	FOR PERMIT	CR	CJ
C	2/05/21	FOR CONSTRUCTION	TR	CJ

ERECTION TOLERANCES

Erection Tolerances are those set forth in AISC "Code of Standard Practice" except individual members are considered plumb, level and aligned if the deviation does not exceed 1:300  
(AISC 13th ed., MBMA '06 IV 6.8)

BOLT TIGHTENING

IBC sites AISC\RSCS for appropriate tightening methods. Per AISC 13th Edition and RCSC publications: The proper tightening and inspection of all fasteners in accordance with applicable regulations is the responsibility of the erector.  
The following criteria may be used to determine the bolt tightness (i.e.-Snug-Tight or Pre-Tension) unless required otherwise by local jurisdiction or contract.  
All A490 bolts shall be "Pre-Tensions". A325 bolts in primary framing and bracing connections may be "Snug-Tight" except as follows;  
Pre-Tension A325 bolts if building supports a crane greater than 5 ton capacity.  
Pre-Tension A325 bolts if building supports machinery that creates vibration, impact, or stress reversals on connections.  
Pre-Tension A325 bolts if located in high seismic areas. For IBC based codes; high seismic is Design Category D, E or F. See Design Criteria section for details.  
Pre-Tension any connection with designation A325-SC. Slip critical (SC) connections must be free of paint, oil or other materials that reduce friction at contact surfaces. Galvanized or lightly rusted surfaces are acceptable.  
Secondary members and flange brace connections are always "Snug Tight", unless indicated otherwise in erection drawings. Refer to RCSC Specification for Structural Joints using A325 or A490 Bolts for more information.

DRAWING DISCREPANCIES

In case of discrepancies between D.B.C.'s steel plans and plans for other trades, the D.B.C. steel plans govern.  
(AISC 13th ed. 3.3)

DELIVERIES

Delivery of any material by a D.B.C. carrier, a common carrier, or to builder's own leased, chartered, or authorized conveyance shall constitute delivery to builder, and thereafter, such material shall be at builder's risk. If builder chooses to use its own, or a private carrier, it shall be solely responsible for compliance with all applicable government regulations. All charges shall be borne by builder. D.B.C.'s responsibility for damage or loss ceases upon delivery of shipment to carrier.

D.B.C. will endeavor to deliver on the required date. D.B.C.'s truck is not considered as being late if deliveries are between 8 am - 12 pm (morning) and 12 pm - 5 pm (afternoon). However, D.B.C. cannot be held responsible for circumstances beyond our control. For deliveries via D.B.C. truck, D.B.C. will only honor claims that were approved by the Customer Service department at the time of delivery. For deliveries via contract carriers, it is the responsibility of the customer to file claims with the carrier. D.B.C. cannot assume any liability for the claim.

SHORTAGES

The D.B.C. customer should make an inspection upon arrival of all building components. If an item is missing, the customer must note on the freight bill and notify D.B.C. Customer Service immediately; otherwise, D.B.C. cannot be held responsible for any shortages. If any item is damaged, note on the bill of lading and file a claim with the freight agent. Concealed shortages must be reported to D.B.C.'s Customer Service department within the following time frame. (Dated from receipt of first delivery)

1 load job.....	2 weeks	2 load job.....	3 weeks	3 load job.....	4 weeks
4 load job.....	5 weeks	5 load job.....	6 weeks	6 load job.....	7 weeks
		7 or more load job.....	8 weeks		

D.B.C.'s responsibility for shortages expires at the end of these time periods.

CORRECTION OF ERRORS AND REPAIRS

The correction of minor misfits by the use of driftpins to draw the components into line, shimming, moderate amounts of reaming, chipping, welding or cutting and the replacement of minor shortages of material are a normal part of erection and are not subject to claim.  
(MBMA '06 IV 6.10, AISC 9th ed. 7.12)

FABRICATION ERRORS

The Builder/Customer is responsible for contacting the Customer Service department to advise D.B.C. of fabrication problems and corresponding cost estimates. D.B.C. will then be responsible for providing the builder with verbal and/or written approval to proceed with appropriate field corrections. This will be done in a timely manner. IF THE BUILDER PROCEEDS WITH CORRECTIVE WORK WITHOUT D.B.C.'s APPROVAL, HE IS DOING SO AT HIS OWN RISK. D.B.C. will only be responsible for claims where the Builder/Customer documents the problem, its correction, and reasonable costs for repair and submits same for payment within 30 days of the occurrence.



NOTICE TO BUILDING OFFICIAL:  
APPLICATION OF SEAL IS FOR METAL BUILDING ONLY AND DOES NOT REPRESENT THE PROFESSIONAL OF RECORD.

DSN APR. APR. DATE

Smith-Built Metal Building and Supplies

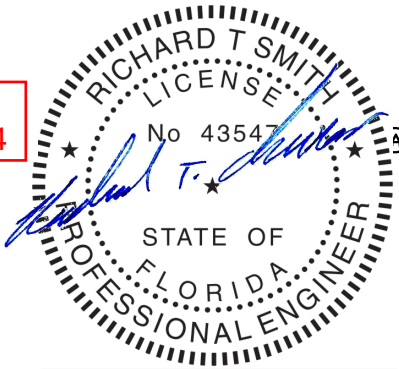
6945 Albany Highway - Dawson, Georgia 39842  
PHONE: 229.698.5000

DESCRIPTION		SIZE		REFER TO C1			
OWNER OR PROJECT	MATTHEW AND LENA BRINKLEY	CUSTOMER	MATTHEW AND LENA BRINKLEY				
JOB SITE LOCATION	10 SW SALEM ROAD	ADDRESS	10 SW SALEM ROAD				
	LAKE CITY, FLORIDA 32024		LAKE CITY, FLORIDA 32024				
CAD BY	ENGRD BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.
		1/22/21	N.T.S.	SB20-110		(new)	C1
							C

Richard T. Smith

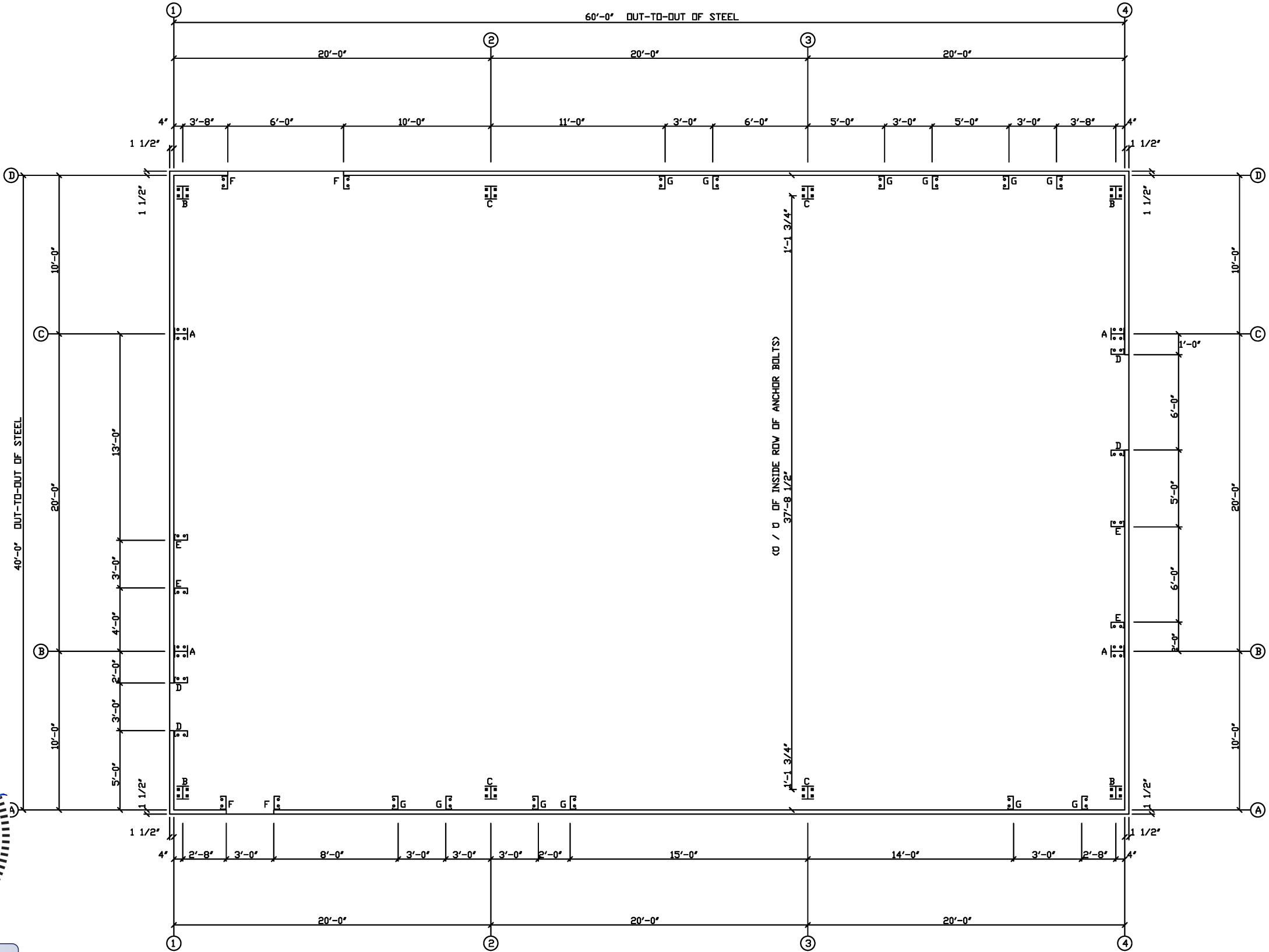
PE # 43547 Ph-706-888-4874

510 Lee Rd 281  
Salem AL, 36874



REVIEWED

By Richard T Smith at 7:52 pm, Mar 08, 2021



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

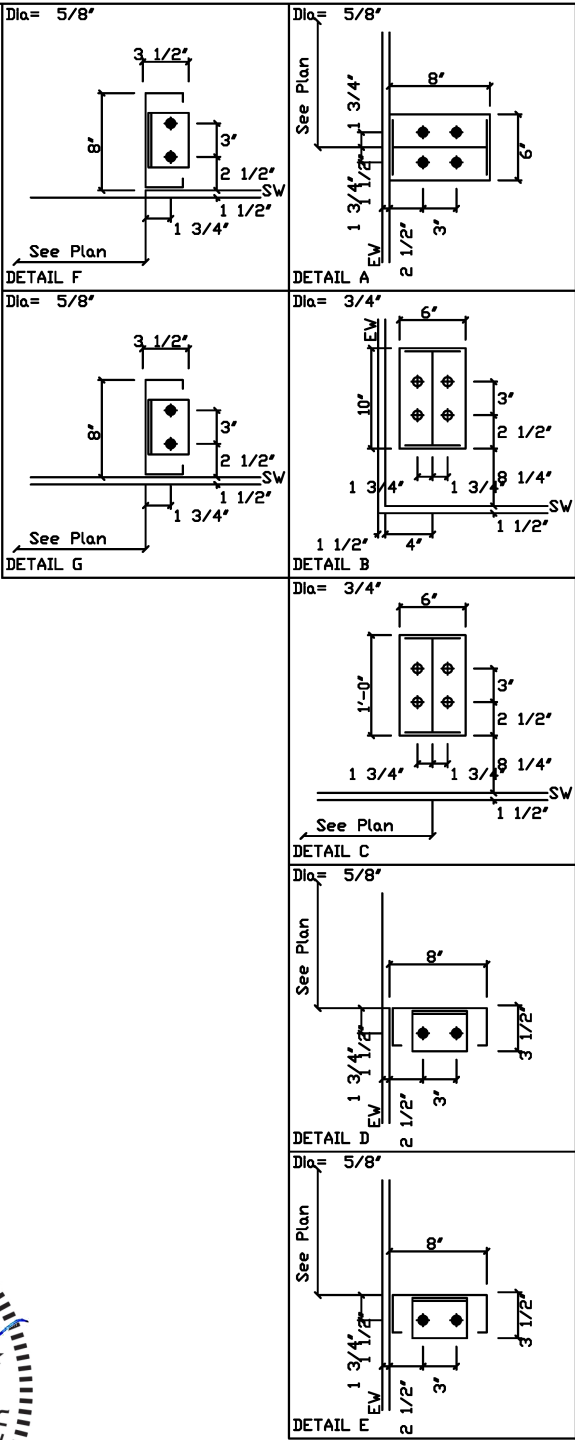
ANCHOR BOLT DIAMETERS HAVE BEEN DESIGNED BY THE METAL BUILDING MANUFACTURER BASED ON AISC METHOD WITH COMBINED SHEAR AND TENSION.

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

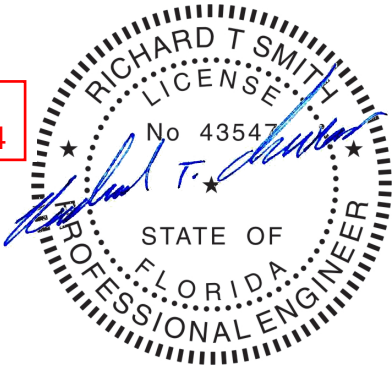
NOTE: ANCHOR BOLT PROJECTION IS FROM BOTTOM OF BASE PLATE.

ANCHOR BOLT PROJECTION		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 1/8"	3 1/2"
ANCHOR BOLTS (BY OTHERS)		1 1/4"	3 1/2"

DRAWING STATUS				REVISIONS				Smith-Built Metal Building and Supplies			
<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				6945 Albany Highway - Dawson, Georgia 39842			
				P 1/22/21 FOR CONSTRUCTION CR CJ				PHONE: 229.698.5000			
<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 REFER TO C1			
								OWNER OR PROJECT CUSTOMER MATTHEW AND LENA BRINKLEY			
<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.								JOB SITE 10 SW SALEM ROAD ADDRESS 10 SW SALEM ROAD			
								LOCATION LAKE CITY, FLORIDA 32024 LAKE CITY, FLORIDA 32024			
								CAD BY ENGR'D BY DATE 1/22/21 SCALE N.T.S. JOB NO. SB20-110 PH. BLDG. DESC. SHEET NO. AB1 ISSUE P			



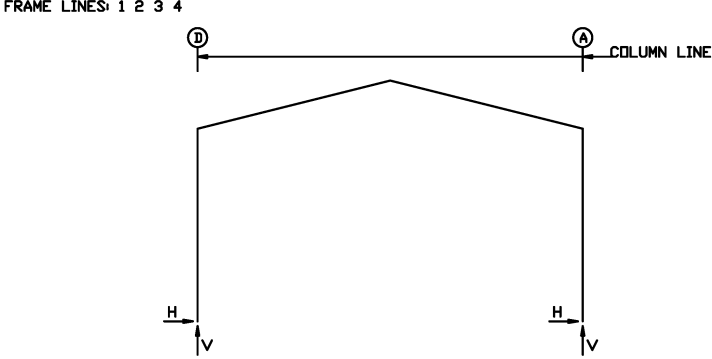
**Richard T. Smith**  
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510 Lee Rd 281  
Salem AL, 36874



**REVIEWED**  
By Richard T Smith at 7:52 pm, Mar 08, 2021

DRAWING STATUS			REVISIONS					Smith-Built Metal Building and Supplies									
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			P	1/22/21	FOR CONSTRUCTION	CR	CJ	PHONE: 229.698.5000									
								DESCRIPTION		SIZE REFER TO C1							
								OWNER OR PROJECT		MATTHEW AND LENA BRINKLEY		CUSTOMER		MATTHEW AND LENA BRINKLEY			
								JOBSITE		10 SW SALEM ROAD		ADDRESS		10 SW SALEM ROAD			
								LOCATION		LAKE CITY, FLORIDA 32024				LAKE CITY, FLORIDA 32024			
CAD BY				ENGR'D BY		DATE		SCALE		JOB NO.		PH		BLDG. DESC.			
						1/22/21		N.T.S.		SB20-110				SHEET NO.			
												AB2		ISSUE			
														P			





RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & 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	
1*	D	3	1.6	2.3	6	-2.2	-2.1	4	0.750	6.000	10.00	0.500	0.0
		1	1.1	4.4	4	-1.9	-3.1						
1*	A	7	2.2	-2.1	2	-1.6	2.3	4	0.750	6.000	10.00	0.500	0.0
		1	-1.1	4.4	5	1.9	-3.1						
1*	Frame Lines: 1 4												

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & 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	3	2.4	3.5	6	-3.1	-2.6	4	0.750	6.000	12.00	0.500	0.0
		1	1.5	6.6	4	-2.5	-4.5						
2*	A	7	3.1	-2.6	2	-2.4	3.5	4	0.750	6.000	12.00	0.500	0.0
		1	-1.5	6.6	5	2.5	-4.5						
2*	Frame Lines: 2 3												

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k )				Panel Shear (lb/ft)		Note
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EV	1								(h)
F_SW	A						46	4	
R_EV	4								(h)
B_SW	D						50	4	

(h) Rigid frame at endwall

RIGID FRAME: BASIC COLUMN REACTIONS (k )

Frame Line	Column Line	Dead		Collateral		Live		Wind Left1		Wind Right1		Wind Left2	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	D	0.2	0.9	0.1	0.2	0.8	3.3	-3.3	-6.1	1.7	-2.8	-3.8	-4.3
1*	A	-0.2	0.9	-0.1	0.2	-0.8	3.3	-1.7	-2.8	3.3	-6.1	-1.2	-1.1
2*	D	0.3	1.4	0.1	0.4	1.1	4.8	-4.5	-8.8	2.8	-4.1	-5.4	-5.6
2*	A	-0.3	1.4	-0.1	0.4	-1.1	4.8	-2.8	-4.1	4.5	-8.8	-1.8	-1.0
Frame Line	Column Line	Wind Right2		Wind Long1		Wind Long2		Seismic Left		Seismic Right			
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert		
1*	D	1.2	-1.1	0.9	-3.6	0.5	-3.2	-0.1	-0.1	0.1	0.1		
1*	A	3.8	-4.3	-0.5	-3.2	-0.9	-3.6	-0.1	0.1	0.1	-0.1		
2*	D	1.8	-1.0	1.7	-6.6	1.0	-5.9	-0.1	-0.1	0.1	0.1		
2*	A	5.4	-5.6	-1.0	-5.9	-1.7	-6.6	-0.1	0.1	0.1	-0.1		
1*	Frame Lines: 1 4		1	4									
2*	Frame Lines: 2 3		2	3									

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	40.0
Length (ft)	=	60.0
Eave Height (ft)	=	20.0/ 20.0
Roof Slope (rise/12 )	=	3.0/ 3.0
Dead Load (psf )	=	2.0
Collateral Load (psf )	=	1.0
Roof Live Load (psf )	=	20.0
Frame Live Load Min (psf )	=	12.0
Max (psf )	=	15.2
Wind Speed (mph )	=	120.0
Wind Code	=	FBC 20 (IBC 18)
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Sa)	=	0.15

ID Description

1	Dead+Collateral+Live
2	Dead+Collateral+0.75Live+0.45Wind_Left1
3	Dead+Collateral+0.75Live+0.45Wind_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_Right2+0.6Wind_Suction
9	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
10	Dead+0.6Wind_Right2+0.6Wind_Suction

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k )

Frm Line	Col Line	Dead Vert	Wind Press		Wind Suct	
			Horz	Horz	Horz	Horz
1	C	0.2	-3.3	3.6		
1	B	0.2	-3.3	3.6		
4	B	0.2	-3.3	3.6		
4	C	0.2	-3.3	3.6		

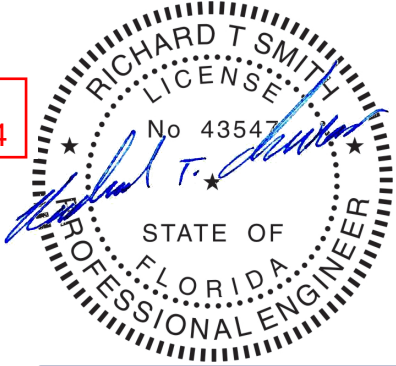
ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

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	
1	C	8	2.2	0.1	9	-2.0	0.1	4	0.625	6.000	8.000	0.375	0.0
		10	2.2	0.2									
1	B	8	2.2	0.1	9	-2.0	0.1	4	0.625	6.000	8.000	0.375	0.0
		10	2.2	0.2									
4	B	8	2.2	0.1	9	-2.0	0.1	4	0.625	6.000	8.000	0.375	0.0
		10	2.2	0.2									
4	C	8	2.2	0.1	9	-2.0	0.1	4	0.625	6.000	8.000	0.375	0.0
		10	2.2	0.2									

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By Richard T Smith at 7:52 pm, Mar 08, 2021

DRAWING STATUS			REVISIONS					Smith-Built Metal Building and Supplies																	
<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.	NO.	DATE	DESCRIPTION	BY	CK'D	6945 Albany Highway - Dawson, Georgia 39842 PHONE: 229.698.5000																	
			P	1/22/21	FOR CONSTRUCTION	CR	CJ																		
							DESCRIPTION					SIZE REFER TO C1													
							OWNER OR PROJECT					CUSTOMER													
							MATTHEW AND LENA BRINKLEY					MATTHEW AND LENA BRINKLEY													
							JOB SITE LOCATION					ADDRESS													
							10 SW SALEM ROAD					10 SW SALEM ROAD													
							LAKE CITY, FLORIDA 32024					LAKE CITY, FLORIDA 32024													
							CAD BY		ENGR'D BY		DATE		SCALE		JOB NO.		PH		BLDG DESC.		SHEET NO.		ISSUE		
											1/22/21		N.T.S.		SB20-110				AB3		P				

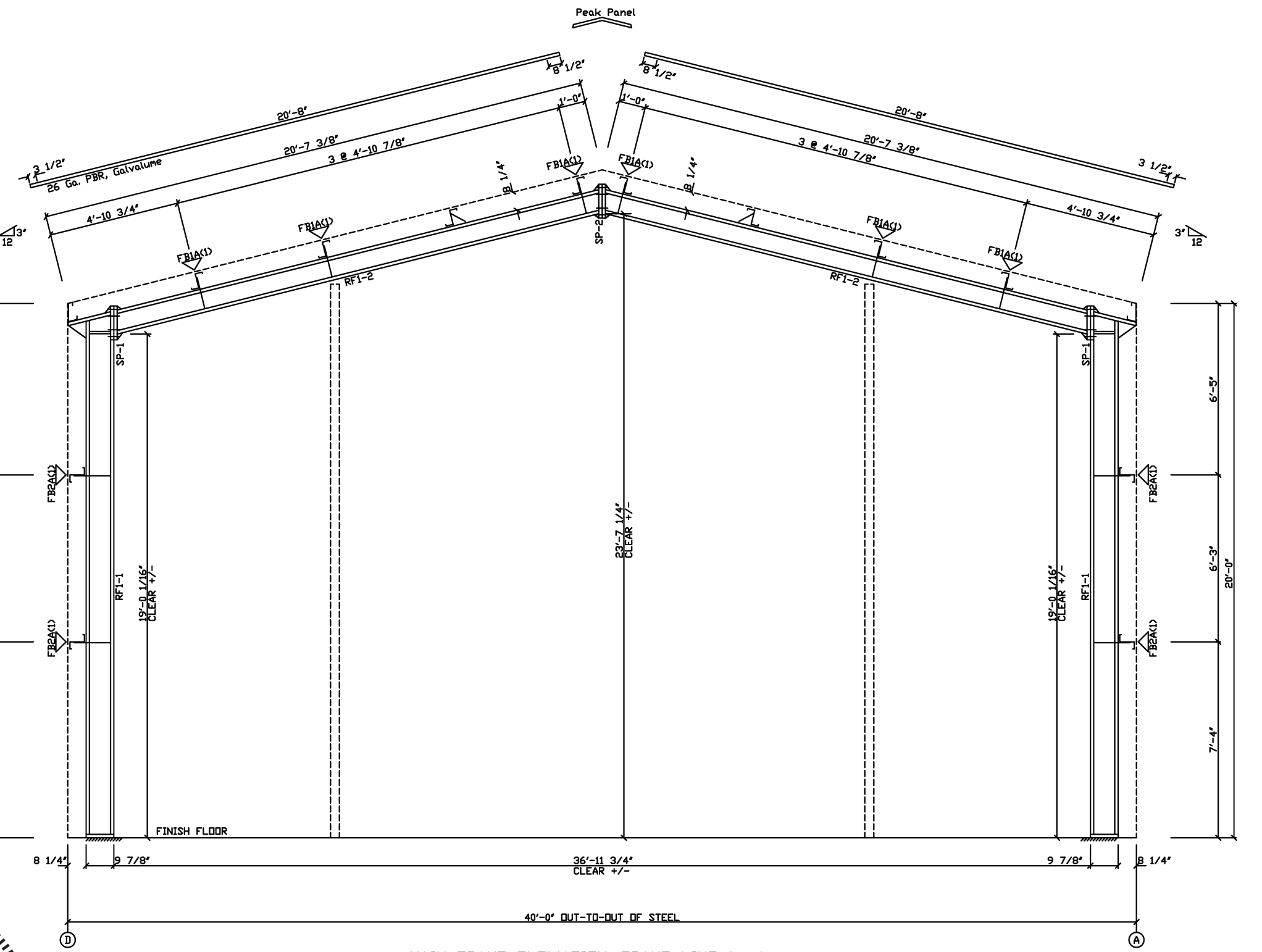
# SPLICE PLATE & BOLT TABLE

Mark	Qty	Top	Bot	Int	Type	Dia.	Length	Width	Thick	Length
SP-1	4	4	0	A325	5/8"	2"	6'	3/8"	1'-2	15/16"
SP-2	4	4	0	A325	5/8"	1 3/4"	6'	3/8"	1'-2	15/16"

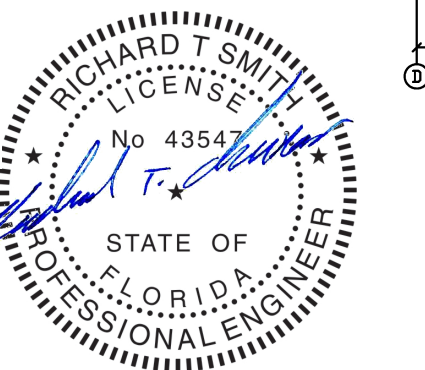
# MEMBER SIZE TABLE

MARK	MEMBER	LENGTH
RF1-1	W10X12	19'-5 9/16"
RF1-2	W8X10	19'-0 5/16"

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



**Richard T. Smith**  
PE # 43547 Ph-706-888-4874  
510 Lee Rd 281  
Salem AL, 36874



**REVIEWED**  
By Richard T Smith at 7:52 pm, Mar 08, 2021

MAIN FRAME ELEVATION: FRAME LINE 1 4

DRAWING STATUS					REVISIONS					Smith-Built Metal Building and Supplies				
<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	6945 Albany Highway - Dawson, Georgia 39842 PHONE: 229.698.5000				
					P	1/22/21	FOR PERMIT	CR	CJ	DESCRIPTION: REFER TO C1 OWNER OR PROJECT: MATTHEW AND LENA BRINKLEY CUSTOMER: MATTHEW AND LENA BRINKLEY				
					C	02/05/21	FOR CONSTRUCTION	TR	CR	JOBSITE: 10 SW SALEM ROAD ADDRESS: 10 SW SALEM ROAD LOCATION: LAKE CITY, FLORIDA 32024				
<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.										CAD BY: LAKE CITY, FLORIDA 32024 ENGR'D BY: SB20-110 DATE: 1/22/21 SCALE: N.T.S.				
<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.										SHEET NO: E1 ISSUE: C				

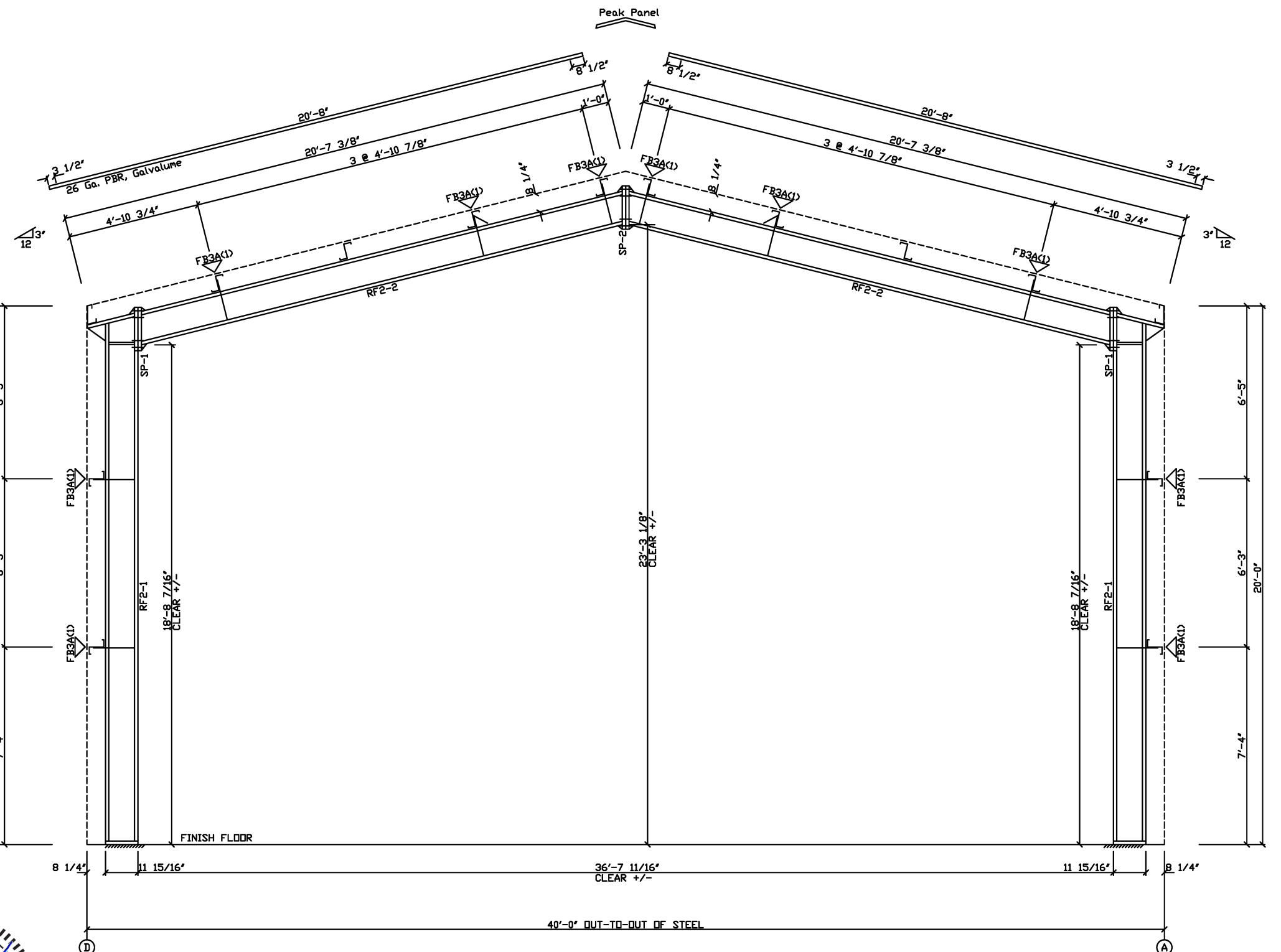
# SPlice PLATE & BOLT TABLE

Mark	Qty	Top	Bot	Int	Type	Dia.	Length	Width	Thick	Length
SP-1	4	4	0	A325	5/8"	2"	6'	3/8"	1'-7 1/16"	
SP-2	4	4	0	A325	5/8"	1 3/4"	6'	3/8"	1'-7 1/16"	

# MEMBER SIZE TABLE

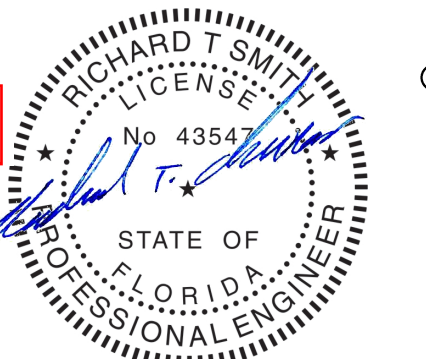
MARK	MEMBER	LENGTH
RF2-1	W12X14	19'-5 9/16"
RF2-2	W12X14	18'-10 1/4"

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



MAIN FRAME ELEVATION: FRAME LINE 2 3

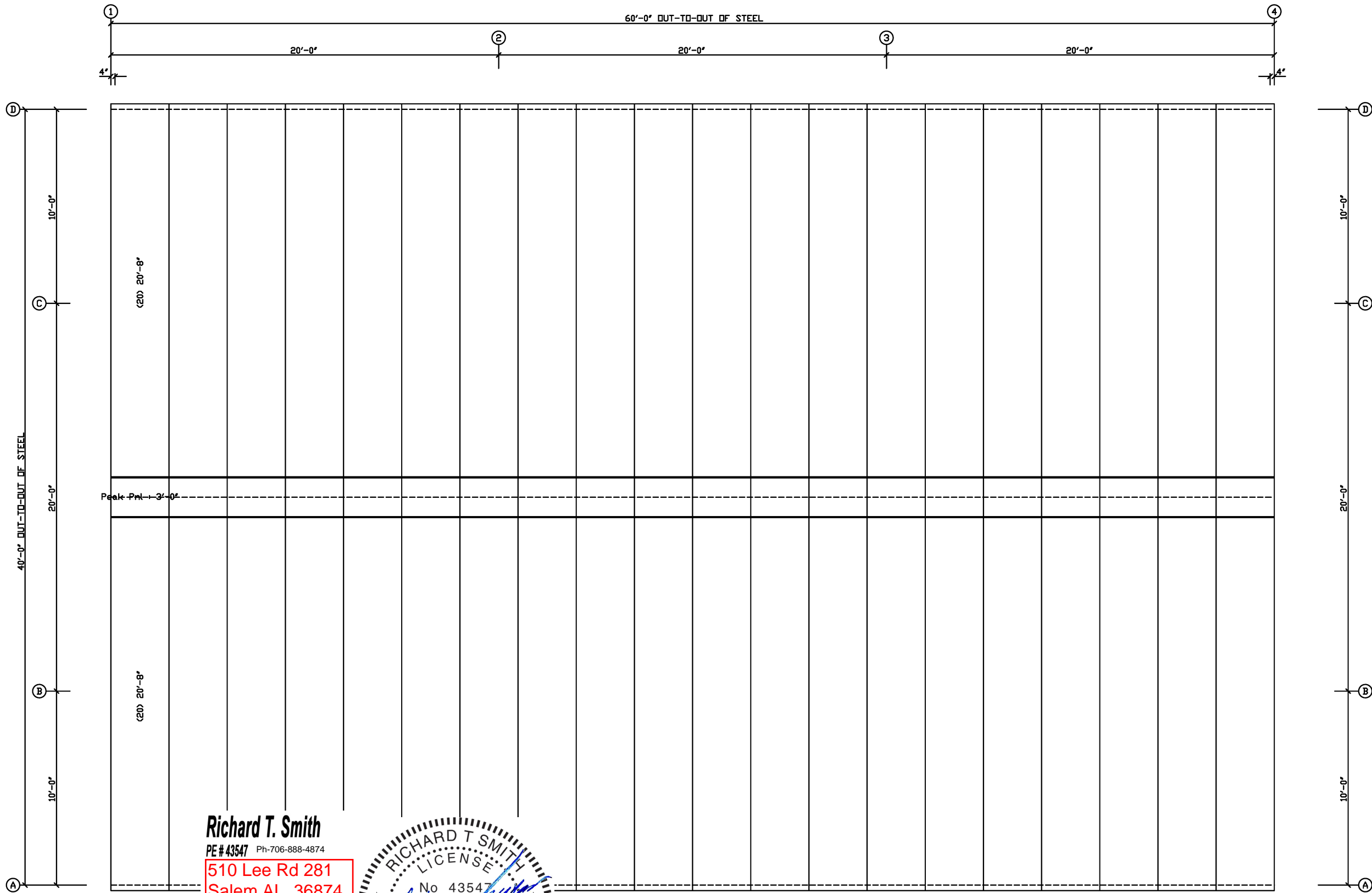
**Richard T. Smith**  
PE # 43547 Ph-706-888-4874  
510 Lee Rd 281  
Salem AL, 36874



**REVIEWED**  
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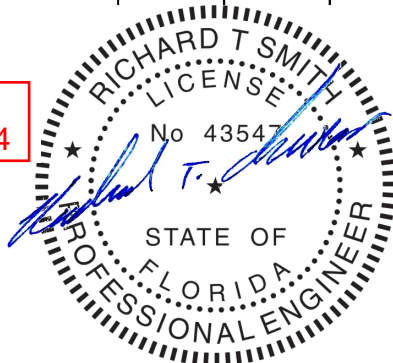
DRAWING STATUS					REVISIONS					Smith-Built Metal Building and Supplies				
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										DESCRIPTION: REFER TO C1 OWNER OR PROJECT: MATTHEW AND LENA BRINKLEY CUSTOMER: MATTHEW AND LENA BRINKLEY JOBSITE: 10 SW SALEM ROAD ADDRESS: 10 SW SALEM ROAD LOCATION: LAKE CITY, FLORIDA 32024 CAD BY: ENGR'D BY: DATE: 1/22/21 SCALE: N.T.S. JOB NO: SB20-110 PH BLDG. DESC. SHEET NO: E2 ISSUE: C				





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510 Lee Rd 281  
Salem AL, 36874



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ROOF SHEETING PLAN  
PANELS: 26 Ga. PBR - Galvalume 26ga.

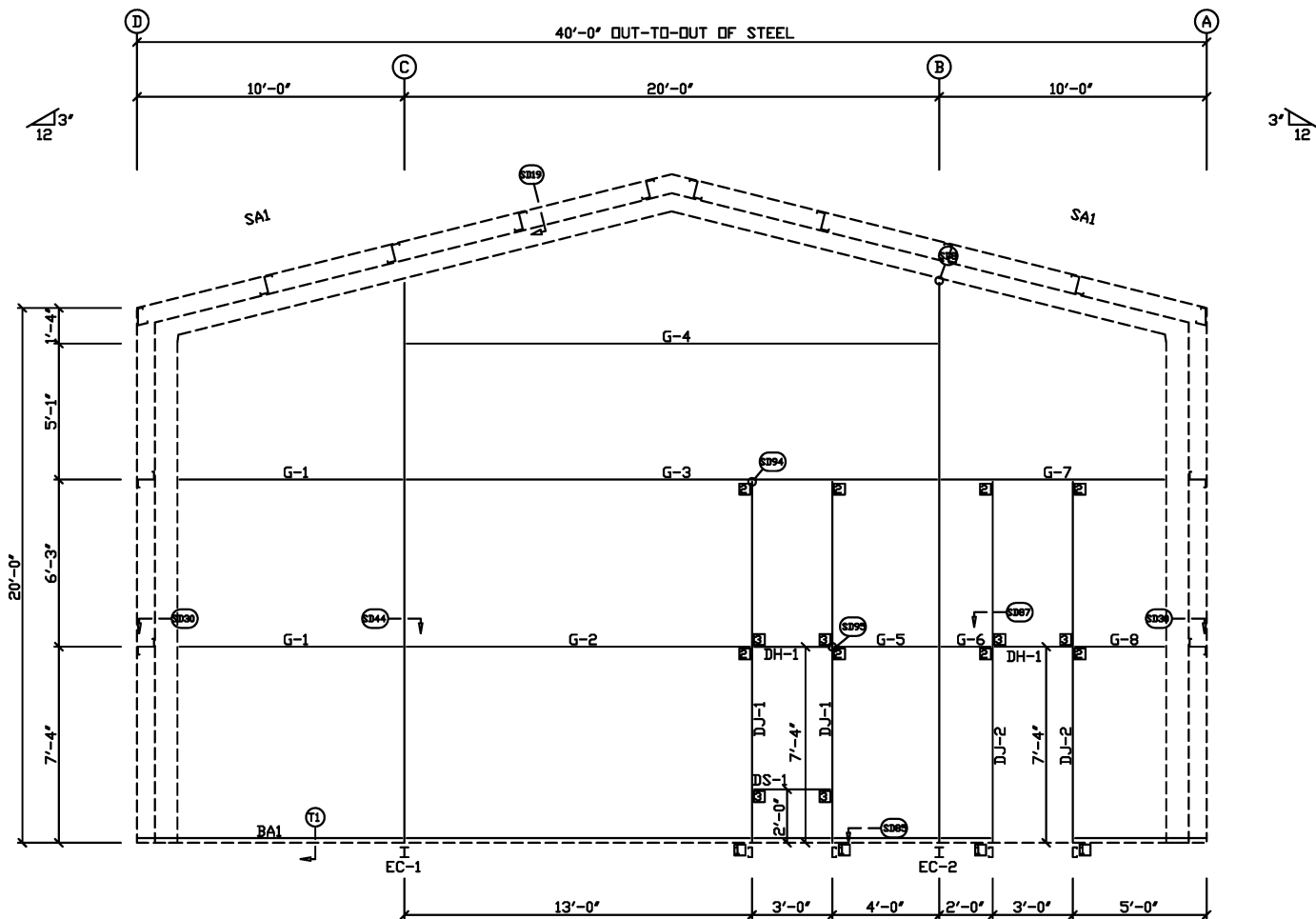
DRAWING STATUS				REVISIONS				Smith-Built Metal Building and Supplies								
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<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.								SIZE: REFER TO C1 CUSTOMER: MATTHEW AND LENA BRINKLEY ADDRESS: 10 SW SALEM ROAD LAKE CITY, FLORIDA 32024							



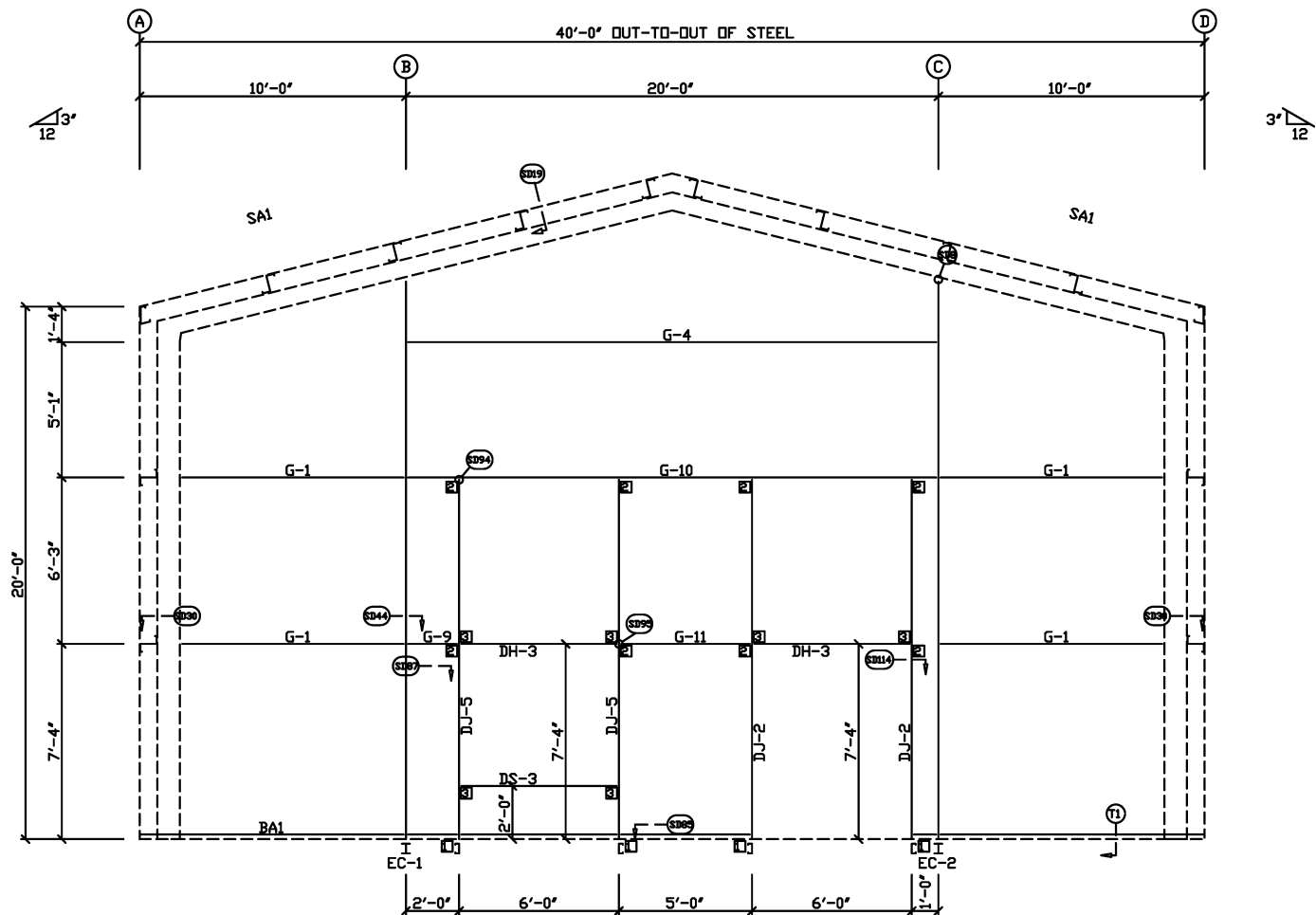
BOLT TABLE			
FRAME LINE 1 & 4			
LOCATION	QUAN	TYPE	DIA
Columns/Raf	2	A325	5/8"

MEMBER TABLE	
FRAME LINE 1 & 4	
MARK	PART
EC-1	W8X10
EC-2	W8X10
DJ-1	8X35C16
DJ-2	8X35C16
DJ-3	8X35C16
DJ-4	8X35C16
DH-1	8X25C16
DH-2	8X25C16
DS-1	8X25C16
DS-2	8X25C16
G-1	8X25Z12
G-2	8X25Z12
G-3	8X25Z12
G-4	8X25Z12
G-5	8X25Z12
G-6	8X25Z16
G-7	8X25Z16
G-8	8X25Z16
G-9	8X25Z12
G-10	8X25Z12
G-11	8X25Z12

CONNECTION PLATES	
FRAME LINE 1 & 4	
CLD MARK	PART
1	CL-104
2	CL-103
3	CL-100



ENDWALL FRAMING: FRAME LINE 1

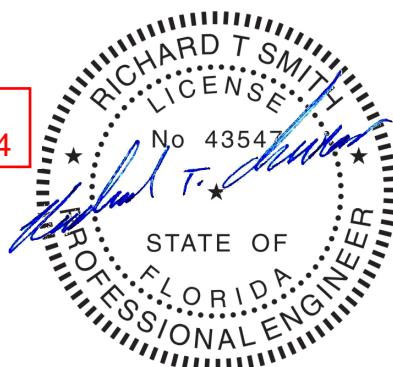


ENDWALL FRAMING: FRAME LINE 4

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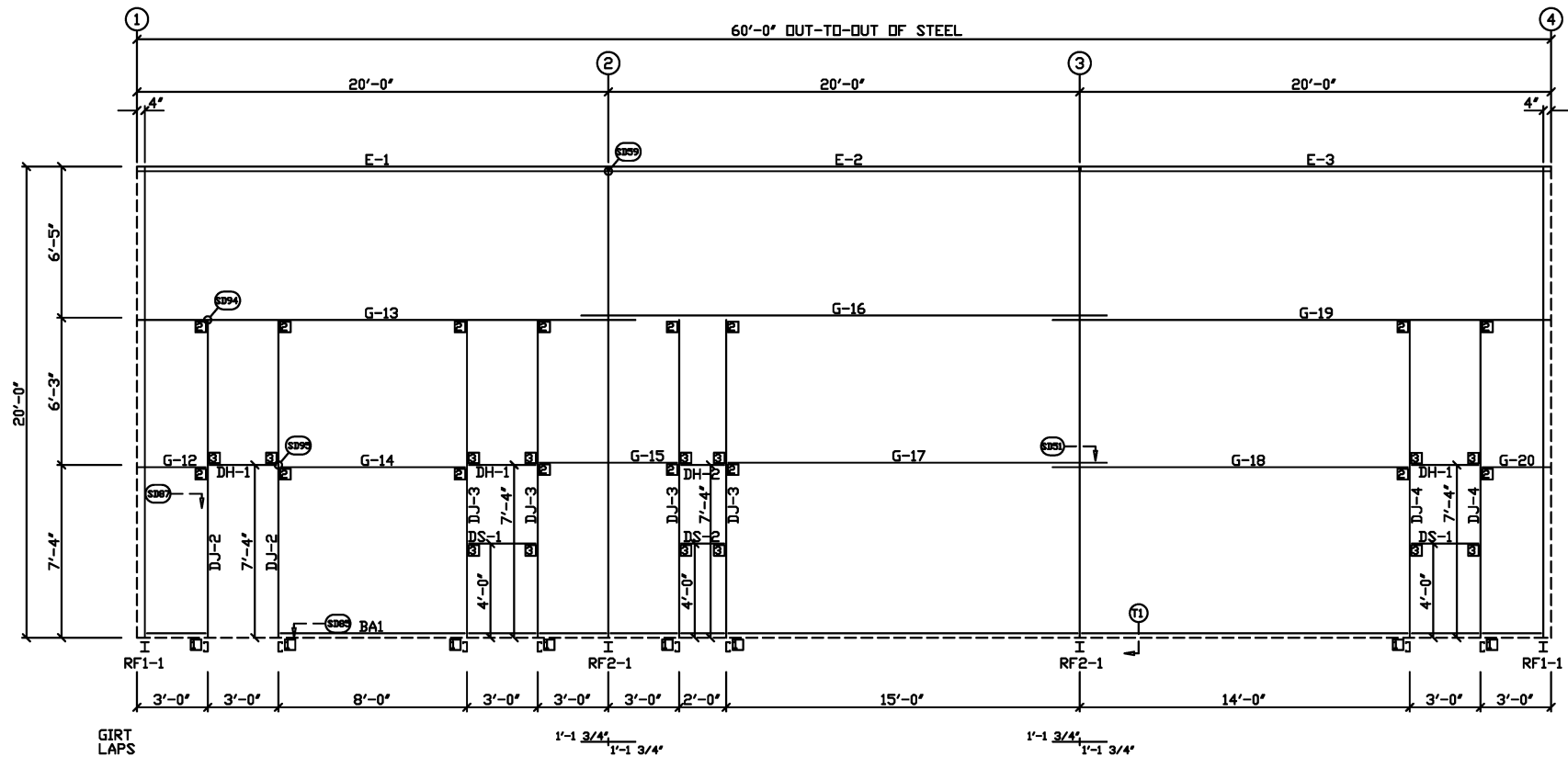
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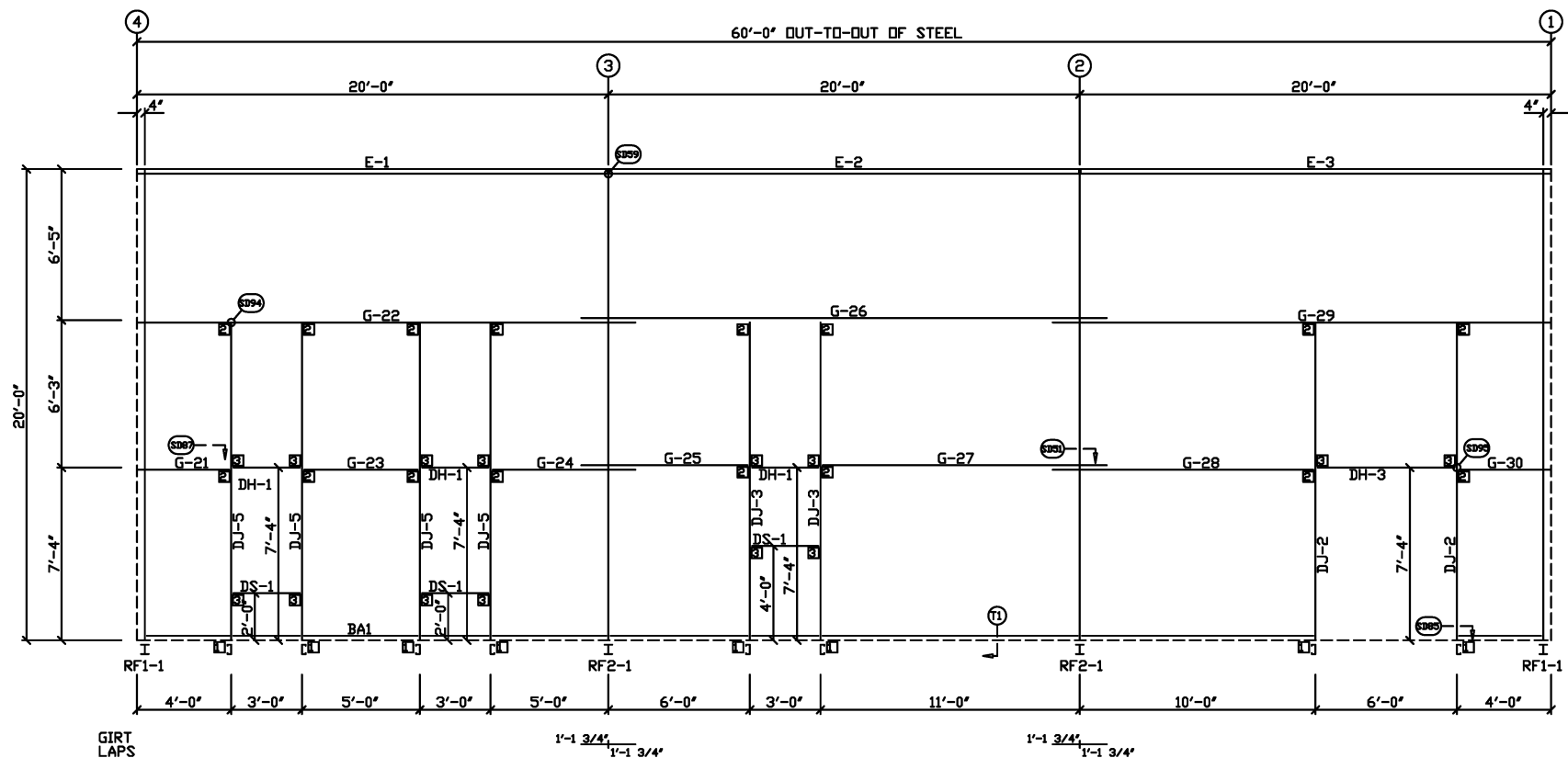
DRAWING STATUS				REVISIONS					Smith-Built Metal Building and Supplies									
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<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.																		







SIDEWALL FRAMING: FRAME LINE A

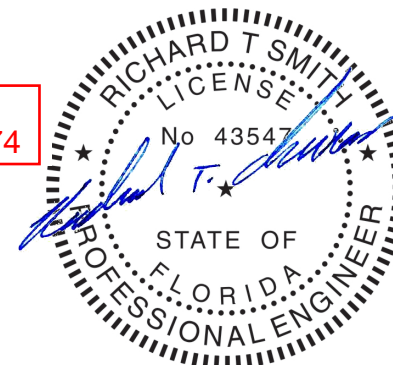


SIDEWALL FRAMING: FRAME LINE D

MEMBER TABLE	
MARK	PART
DJ-2	8X35C16
DJ-3	8X35C16
DJ-4	8X35C16
DJ-5	8X35C16
DH-1	8X25C16
DH-2	8X25C16
DH-3	8X25C16
DS-1	8X25C16
DS-2	8X25C16
E-1	L825E14
E-2	L825E14
E-3	L825E14
G-12	8X25Z14
G-13	8X25Z14
G-14	8X25Z14
G-15	8X25Z14
G-16	8X25Z14
G-17	8X25Z14
G-18	8X25Z14
G-19	8X25Z14
G-20	8X25Z14
G-21	8X25Z14
G-22	8X25Z14
G-23	8X25Z14
G-24	8X25Z14
G-25	8X25Z14
G-26	8X25Z14
G-27	8X25Z14
G-28	8X25Z14
G-29	8X25Z14
G-30	8X25Z14
CONNECTION PLATES	
FRAME LINE A & D	
MARK	PART
1	CL-104
2	CL-103
3	CL-100

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REVIEWED

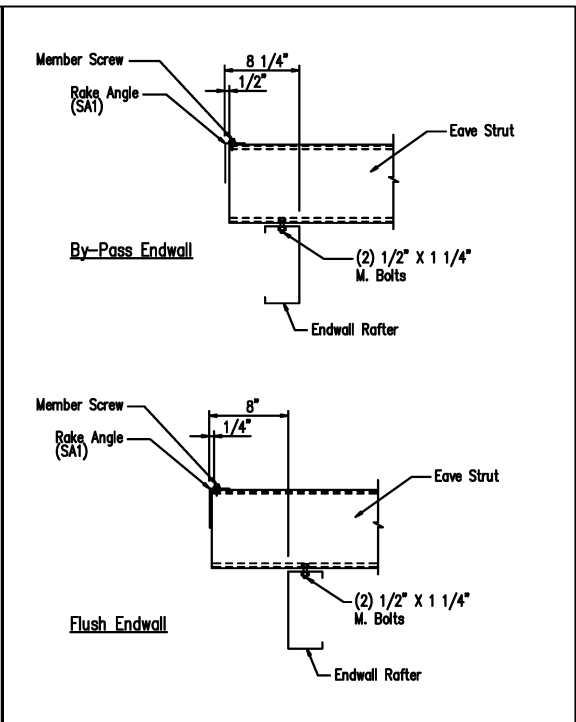
By Richard T Smith at 7:52 pm, Mar 08, 2021

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

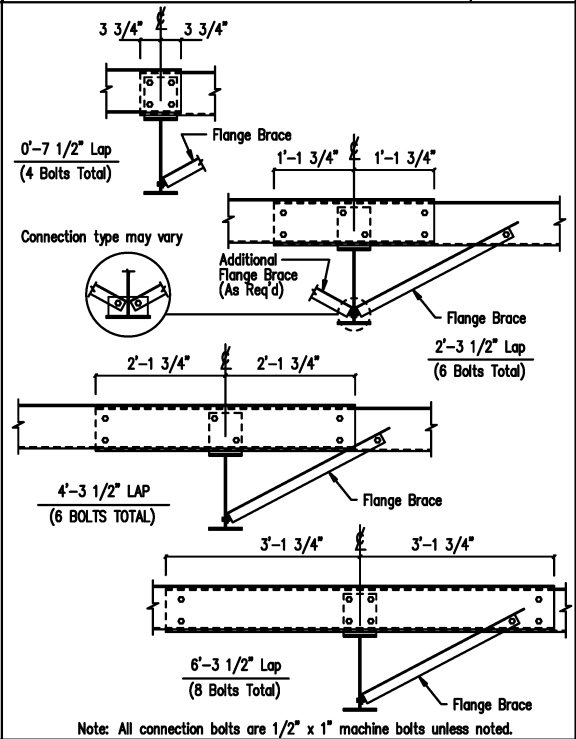
REVISIONS			
NO.	DATE	DESCRIPTION	BY CK'D
P	1/22/21	FOR PERMIT	CR CJ
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Smith-Built Metal Building and Supplies			
6945 Albany Highway - Dawson, Georgia 39842 PHONE: 229.698.5000			
DESCRIPTION		SIZE REFER TO C1	
OWNER OR PROJECT		CUSTOMER	
MATTHEW AND LENA BRINKLEY		MATTHEW AND LENA BRINKLEY	
JOB SITE		ADDRESS	
10 SW SALEM ROAD		10 SW SALEM ROAD	
LOCATION		LAKE CITY, FLORIDA 32024	
LAKE CITY, FLORIDA 32024		LAKE CITY, FLORIDA 32024	
CAD BY	ENGR'D BY	DATE	SCALE
		1/22/21	N.T.S.
JOB NO.		PH	BLDG. DESC.
SB20-110			
SHEET NO.		ISSUE	
E8		C	





<u>Eave Strut to Cold Form Rafter Connection</u>	DRAWING NO. SD15
--	---------------------



<p><u>Interior Bay Purlin Framing</u></p> <p>Created On: 6/26/11</p>	<p>DRAWING NO.</p> <p>SD50</p>
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By Richard T Smith at 7:52 pm, Mar 08, 2021

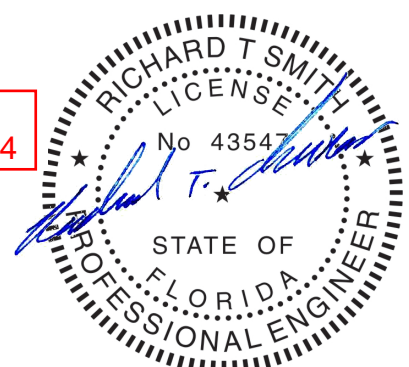
[illegible]

<p>Connection type may vary</p> <p>Additional Flange Brace (As Req'd)</p> <p>Flange Brace</p> <p>3 3/4"</p> <p>3 3/4"</p> <p>0'-7 1/2" Lap (4 Bolts Total)</p> <p>1'-1 3/4"</p> <p>1'-1 3/4"</p> <p>2'-3 1/2" Lap (6 Bolts Total)</p> <p>4'-3 1/2" LAP (6 BOLTS TOTAL)</p> <p>2'-1 3/4"</p> <p>2'-1 3/4"</p> <p>6'-3 1/2" Lap (8 Bolts Total)</p> <p>3'-1 3/4"</p> <p>3'-1 3/4"</p> <p>Note: All connection bolts are 1/2" x 1" machine bolts unless noted.</p>	<p>Eave Strut</p> <p>1/2" X 1 1/4" M. Bolts</p> <p>2"</p> <p>2"</p> <p>Frame Column</p> <p>1"</p> <p>1"</p> <p>1/4"</p> <p>1/4"</p> <p>Eave Strut</p> <p>1/2" X 1 1/4" M. Bolts</p> <p>1 1/4"</p> <p>1 1/4"</p> <p>Frame Column</p>	<p>Eave Strut</p> <p>1/2" X 1 1/4" M. Bolts</p> <p>2"</p> <p>2"</p> <p>Eave Strut Stiffener CL-18</p> <p>1"</p> <p>1"</p> <p>1/4"</p> <p>1/4"</p> <p>Eave Strut</p> <p>1/2" X 1 1/4" M. Bolts</p> <p>1 1/4"</p> <p>1 1/4"</p> <p>Eave Strut Stiffener CL-18</p>	<p>Eave Strut</p> <p>1/2" X 1 1/4" M. Bolts</p> <p>2"</p> <p>2"</p> <p>Frame Column</p> <p>1"</p> <p>1"</p> <p>1/4"</p> <p>1/4"</p> <p>Eave Strut</p> <p>1/2" X 1 1/4" M. Bolts</p> <p>1 1/4"</p> <p>1 1/4"</p> <p>Frame Column</p>	<p>Hillside Washer</p> <p>Flat Washer</p> <p>Hex Nut</p> <p>Rod Brace</p> <p>Web of Frame</p> <p>Rod Brace to Frame Detail</p> <p>Hillside Washer</p> <p>Flat Washer</p> <p>Hex Nut</p> <p>Cable Frame</p> <p>Eye Bolt</p> <p>Web of Frame</p> <p>Cable Brace to Frame Detail</p>
<p>Interior Bay Girt Framing</p> <p>DRAWING NO. SD51</p> <p>Created On: 8/25/21</p>	<p>Eave Strut at Interior Column</p> <p>By-Pass Sidewall</p> <p>DRAWING NO. SD59</p>	<p>Eave Strut Stiffener Plate</p> <p>Low Eave</p> <p>DRAWING NO. SD60</p>	<p>Eave Strut at High Side Column</p> <p>By-Pass Sidewall</p> <p>DRAWING NO. SD61</p>	<p>Cable or Rod Brace to Frame Connection</p> <p>DRAWING NO. SD66</p>
<p>1 3/4"</p> <p>Opening Jamb</p> <p>5/8" Anchor Bolts (Typ.)</p> <p>NOTE: All Bolts are 1/2" x 1" Fin Necks (Typ. U.N.)</p> <p>2 1/2" w/8"</p> <p>3 1/2" w/10"</p> <p>4 1/2" w/12"</p> <p>Steel Line</p> <p>Base Clip CL-104</p> <p>Finish Floor</p> <p>1/4"</p> <p>1/4"</p> <p>w/8" Jamb-2 1/2"</p> <p>w/10" Jamb-3 1/2"</p> <p>w/12" Jamb-4 1/2"</p> <p>5/8" Anchor Bolts (Typ.)</p> <p>3"</p>	<p>NOTE: All Bolts are 1/2" x 1" A307 M. Bolts (U.N.)</p> <p>CL-103 Clip</p> <p>4"</p> <p>Door Jamb</p> <p>Wall Girt</p> <p>CL-103</p> <p>1 1/2"</p> <p>1/2" x 1" Fin Necks (Typ.)</p>	<p>Eave Strut</p> <p>W.P.</p> <p>1/4"</p> <p>Eave Strut To Jamb Clip CL-105</p> <p>Door Jamb</p> <p>Low Eave Condition</p> <p>(2) 1/2" x 1" A307 M. Bolts W/ (1) Flat Washer Each</p> <p>Eave Strut</p> <p>W.P.</p> <p>Eave Strut To Jamb Clip CL-105</p> <p>Door Jamb</p> <p>High Eave Condition</p> <p>(2) 1/2" x 1" A307 M. Bolts W/ (1) Flat Washer Each</p>	<p>NOTE: All Bolts are 1/2" x 1" A307 Mach. Bolts</p> <p>Steel Line</p> <p>4"</p> <p>CL-103</p> <p>Jamb</p> <p>1 1/2"</p> <p>Header Zee Girt</p> <p>CL-103</p> <p>Jamb</p>	<p>NOTE: All Bolts are 1/2" x 1" A307 M. Bolts (U.N.)</p> <p>4"</p> <p>1/4"</p> <p>1/2" x 1" Fin Necks</p> <p>Wall Girt</p> <p>Door Jamb</p> <p>Header</p> <p>CL-100</p> <p>CL-103</p> <p>1 1/2"</p> <p>Header</p> <p>1/2" x 1" Fin Necks</p> <p>1 1/2"</p> <p>Wall Girt</p>
<p>Jamb to Floor</p> <p>DRAWING NO. SD85</p> <p>Created On: 10/15/20</p>	<p>Girt to Jamb (Bolted Clips)</p> <p>DRAWING NO. SD87</p> <p>Created On: 10/15/20</p>	<p>Jamb To Eave Strut w/ 10" Jamb</p> <p>1:12 Roof Pitch and Lower</p> <p>DRAWING NO. SD91</p> <p>Created On: 10/15/20</p>	<p>Jamb to Header Girt</p> <p>DRAWING NO. SD94</p> <p>Created On: 10/15/20</p>	<p>Girt/Header to Jamb (Bolted Clips)</p> <p>DRAWING NO. SD95</p> <p>Created On: 10/15/20</p>

**Richard T. Smith**

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Salem AL, 36874



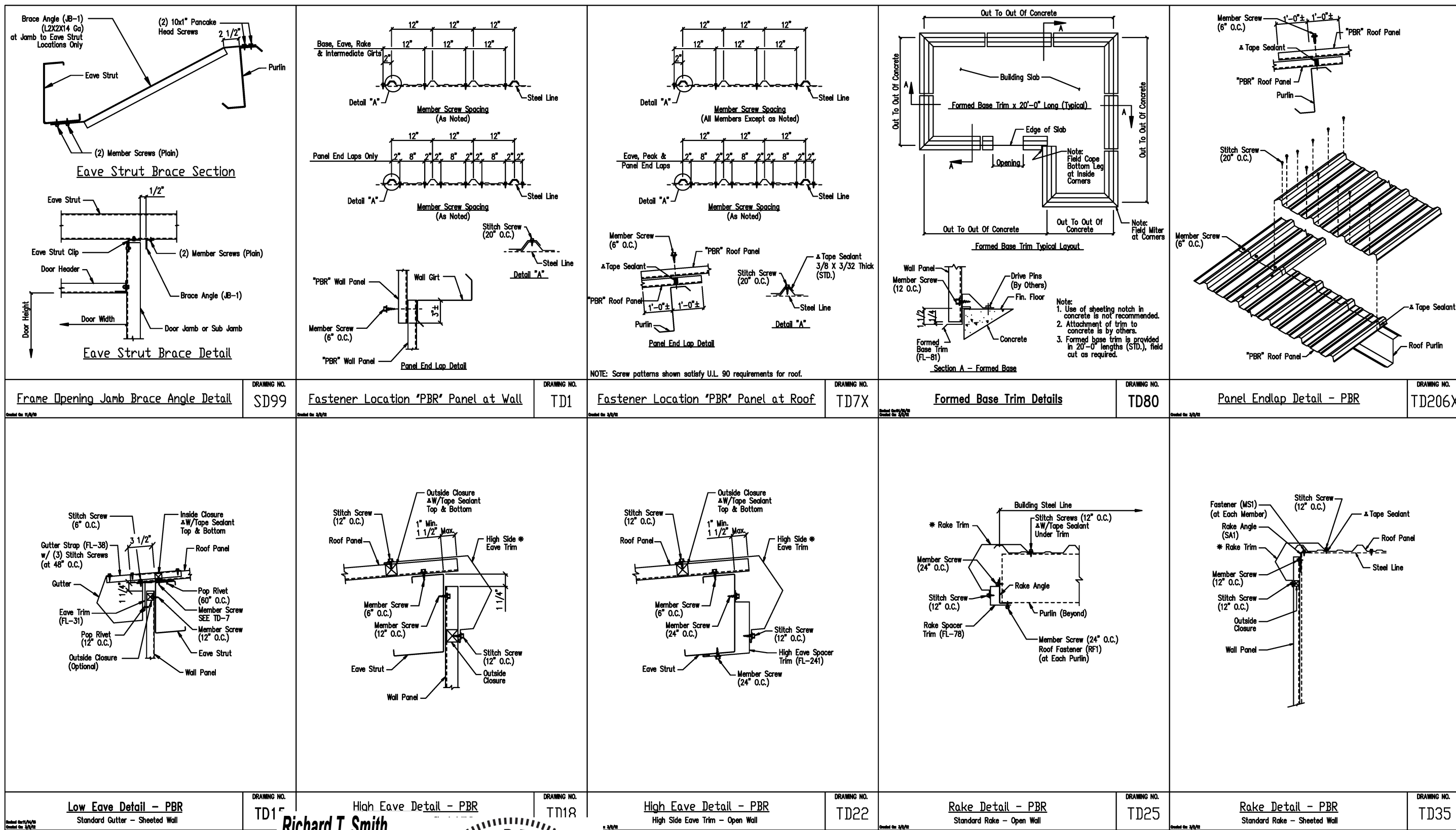
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C	02/05/21	FOR CONSTRUCTION	TR	CR

Smith-Built Metal Building and Supplies									
6945 Albany Highway - Dawson, Georgia 39842 PHONE: 229.698.5000									
DESCRIPTION					SIZE REFER TO C1				
OWNER OR PROJECT					CUSTOMER				
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JOB SITE LOCATION					ADDRESS				
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CAD BY					LAKE CITY, FLORIDA 32024				
ENGR'D BY		DATE		SCALE		JOB NO.		PH BLDG. DESC.	
		1/22/21		N.T.S.		SB20-110		S2 of 5	
								C	



Richard T. Smith

PE # 43547    Ph-706-888-4874

510 Lee Rd 281

Salem AL, 36874

RICHARD T. SMITH

LICENSE

No 43547

STATE OF FLORIDA

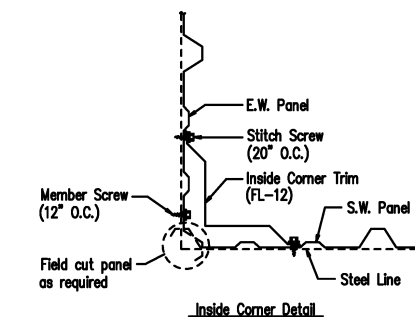
PROFESSIONAL ENGINEER

REVIEWED

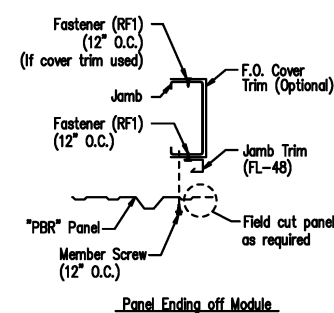
By Richard T Smith at 7:52 pm, Mar 08, 2021

DRAWING STATUS					REVISIONS					Smith-Built Metal Building and Supplies				
<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	6945 Albany Highway - Dawson, Georgia 39842 PHONE: 229.698.5000				
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<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.					C	02/05/21	FOR CONSTRUCTION	TR	CR	SIZE REFER TO C1				
										OWNER OR PROJECT				
										MATTHEW AND LENA BRINKLEY				
										CUSTOMER				
										MATTHEW AND LENA BRINKLEY				
										JOB SITE				
										10 SW SALEM ROAD				
										ADDRESS				
										LAKE CITY, FLORIDA 32024				
										JOB NO.				
										SB20-110				
										PH				
										BLDG. DESC.				
										S3 of 5				
										ISSUE				

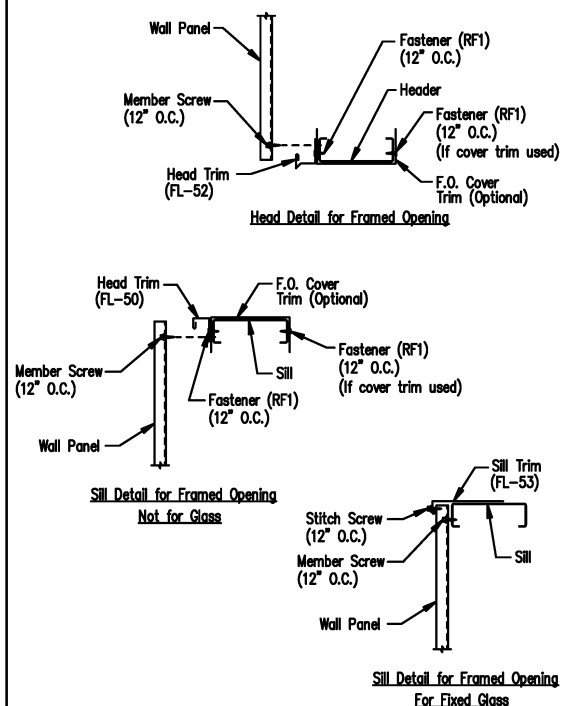




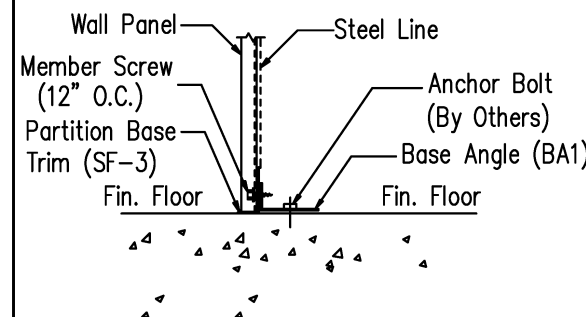
DRAWING NO.  
TD40



DRAWING NO.  
TD51

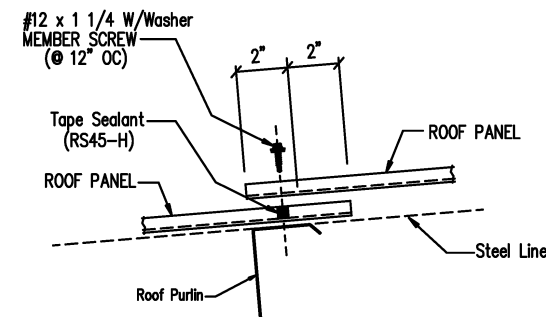


DRAWING NO.  
TD52



NOTE: If insulation is required install trim first.  
NOTE: A minimum of 1/4" space should be allowed from the sheet end to any surface.

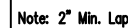
DRAWING NO.  
SD74X



DRAWING NO.  
TD27



Rake Trim
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(5) Pop Rivets

Note: 2" Min. Lap

Note: 2<sup>nd</sup> Min. Lap

(2) Pop Rivets

(2) Bearing Stiffener Seal

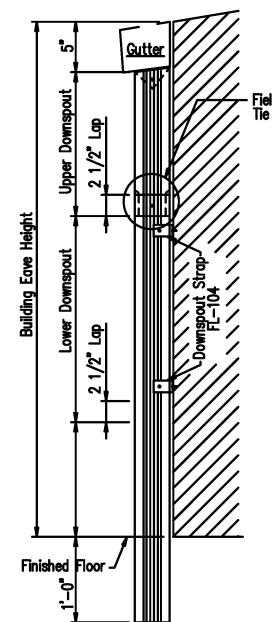
**Note: 2" Min. Lap**

(4) Pop Rivets

**Note: 2<sup>nd</sup> Min. Lap**

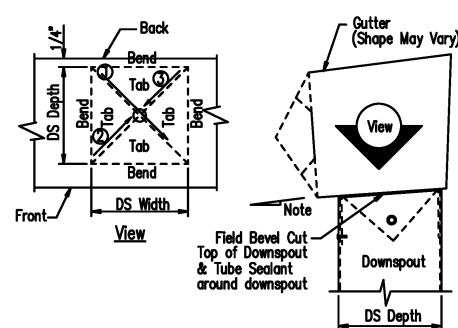
**Note: Trim Profiles May Vary**

DRAWING NO.  
TDS



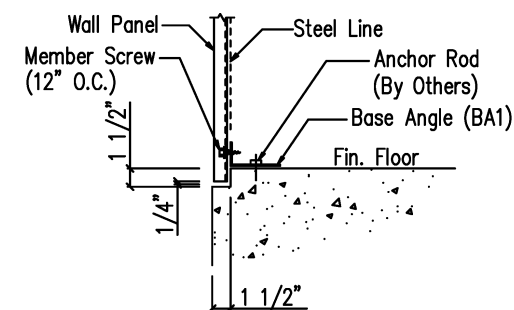
Reference drawing TD96 for splice detail

DRAWING NO.  
TD90X



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.

DRAWING NO.  
TD95

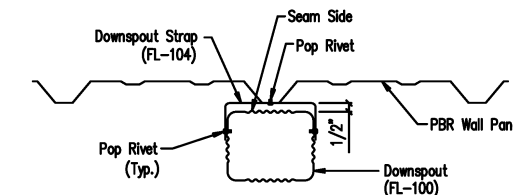


Base Detail w/ Sheeting Notch

NOTE: If insulation is required install trim first.  
NOTE: A minimum of 1/4" space should be allowed from the sheet end to any surface.

DRAWING NO.  
SD74X

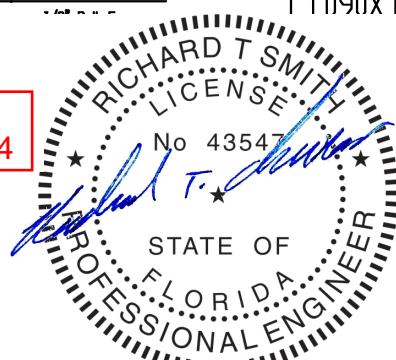
D.S. Strap	Quantity
Eave Height	Quantit
10'-0"	2
12'-0"	3
14'-0"	3
16'-0"	4
20'-0"	4
25'-0"	5



DRAWING NO.	TD98
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**PF # 43547** Ph-706-888-4874

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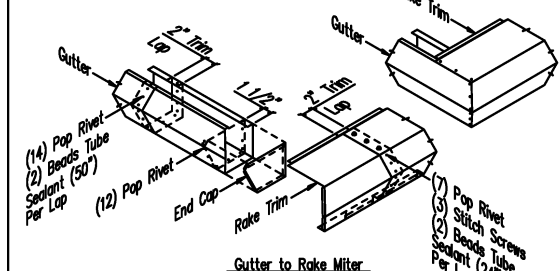
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REVISIONS				
NO.	DATE	DESCRIPTION	BY	CHK
P	1/22/21	FOR PERMIT	CR	CJ
C	02/05/21	FOR CONSTRUCTION	TR	CR

6945 Albany Highway - Dawson, Georgia 39842  
PHONE: 229.698.5000

DESCRIPTION				SIZE		REFER TO C1											
DUNER OR PROJECT		MATTHEW AND LENA BRINKLEY		CUSTOMER		MATTHEW AND LENA BRINKLEY											
JOBSITE LOCATION		10 SW SALEM ROAD		ADDRESS		10 SW SALEM ROAD											
		LAKE CITY, FLORIDA 32024				LAKE CITY, FLORIDA 32024											
CAD BY		ENGR'D BY		DATE		SCALE		JOB NO.		PH		BLDG. DESC.		SHEET NO.		ISSUE	
				1/22/21		N.T.S.		SB20-110				JW		S4 of 5		C	





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 (12) Pop Rivets.

Section at Open Corner - PBR

DRAWING NO.  
TD106X

### Wall Partition Trim Details

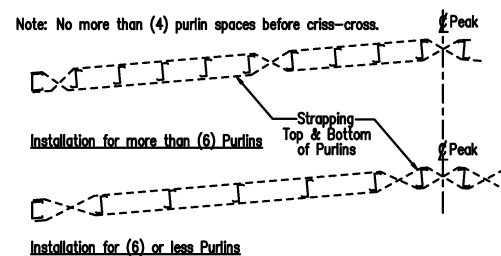
DRAWING NO.  
TD210

### Roof Partition Trim Details

DRAWING NO.	TD211
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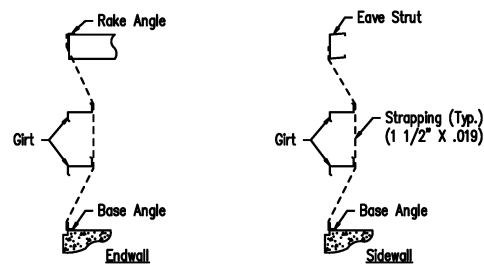
### PBR Standard Trim Detail

DRAWING NO.
TD13



**Roof Uplift Strap Installation**  
(Refer to Roof Plan for Locations)

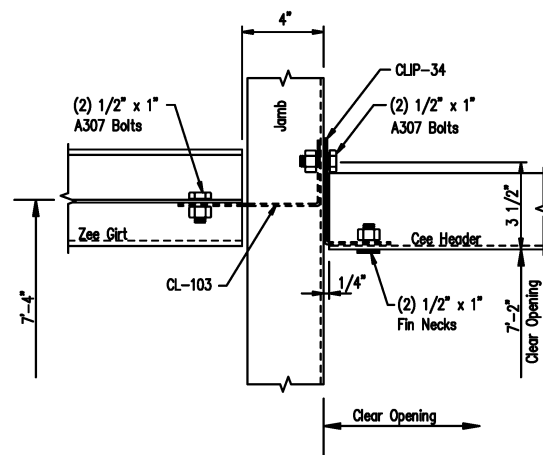
Note: 1) Attach straps w/member screws w/o washer at purlins or girts.  
2) No criss-cross straps in walls.



**Wall Suction Strap Installation**  
(Refer to Wall Elevations for Location)

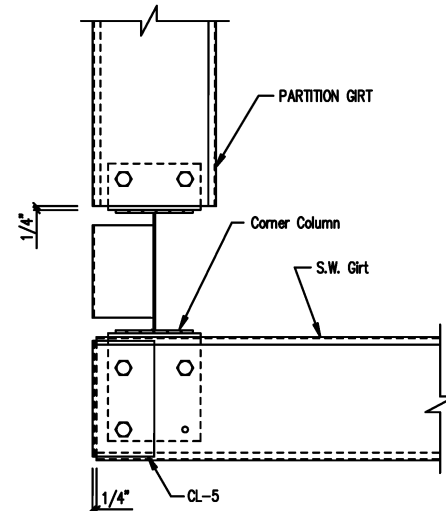
### Roof Uplift and Wall Suction Strap Details

DRAWING NO.  
SD102



Header to Jamb at 7'-2"

**DRAWING NO.**  
**SD88X**

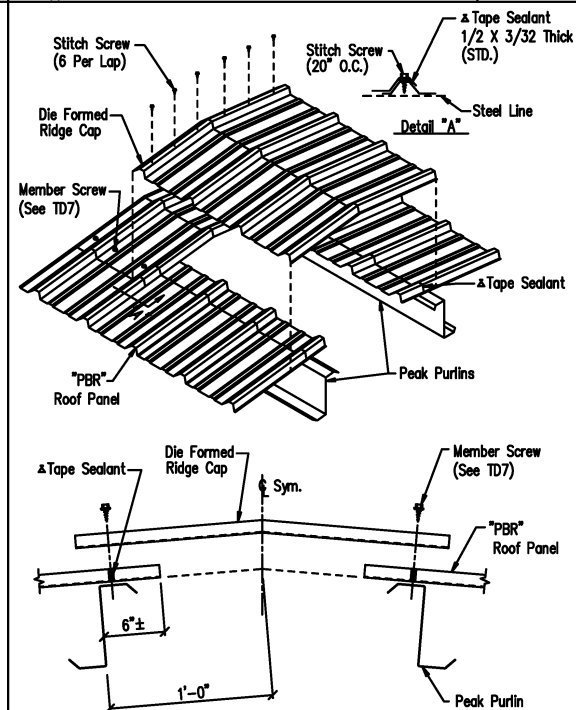


**Note: All connection bolts are 1/2" x 1" machine bolts unless noted.**

Section at MF Column

### Flush Endwall - By-Pass Sidewall

DRAWING NO.  
SD30X



### Die Formed Ridge Detail – PBR

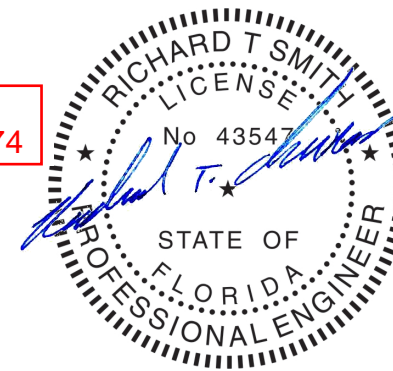
Up to a 3:12 Roof Slope

DRAWING NO.	TD8
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[illegible]

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				1/22/21		N.T.S.		SB20-110			BLDG.	S5 of 5	C