



INLAND BUILDINGS

2141 SECOND AVENUE S.W.
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BUILDING DESCRIPTION

BUILDING SIZE: 50.00' x 45.00' x 16.08' x 18.17' SLOPE: 0.5:12
 BUILDING SIZE: _____ SLOPE: _____
 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 (IBC 15)

General Loads			
Roof Dead Load (D)	2.000	psf	
Roof Collateral Load (C)	5	psf	
Roof Live Load (Lr)	20.00	psf	
Tributary Live Load Reduction	Yes		
Snow Load			
Flat-Roof Snow Load (Pf)	13.8600	psf	
Ground Snow Load (Pg)	15.0000	psf	
Snow Exposure Factor (Ce)	1.0000		
Snow Load Importance Factor (Is)	1.2000		
Thermal Factor (Ct)	1.10		
Minimum Roof Snow Load (pmin)	18.0000	psf	
Wind Load			
Wind Speed (V 3S)	N/A		
Wind Speed (Vult & Vasd)	125.0000	mph	96.82449 mph
Occupancy / Risk Category	IV - Post		
Wind Exposure Category	C		
Internal Pressure Coefficient (GCpi)	+/- 0.18		
Wind Enclosure	Closed		
Wind Importance Factor	N/A		
Seismic Load			
Seismic Importance Factor (Ie)	1.50		
Spectral Response Accelerations (Ss and S1)	0.1850		0.0870
Site Class	D		
Spectral Response Coefficients (Sds and Sd1)	0.1973		0.1392
Seismic Design Category	D		
Basic Seismic-Force-Resisting System(s) *			
	Longitudinal	Lateral	
Total Design Base Shear (V)	2.06	Kips	2.11 Kips
Seismic Response Coefficient(s) (Cs)	0.0911		0.0846
Response Modification Factor(s) (R)	3.2500		3.5000
Analysis Procedure: Equivalent Lateral Force			

* Ordinary Steel Concentrically Braced Frame(s) and/or Ordinary Steel Moment Frame(s)

PANEL, TRIM AND FRAMING INFORMATION

ROOF PANELS

TYPE: PBR GAUGE: 26 COLOR: Galvalume
 UL90 CERTIFICATION: Yes
 INSULATION: 6 in. (By Others)
 MASTIC: Wide
 IF STANDING SEAM: CLIP TYPE: _____

WALL PANELS

TYPE: PBR GAUGE: 26 COLOR: Saddle Tan
 INSULATION: 4 in. (By Others)

LINER PANELS

TYPE: _____ GAUGE: _____ COLOR: _____
 HEIGHT: _____

FASCIA PANELS

TYPE: _____ GAUGE: _____ COLOR: _____

SOFFIT PANELS

TYPE: _____ GAUGE: _____ COLOR: _____

PARTITION PANELS

TYPE: _____ COLOR: _____

TRIM

RAKE: _____ COLOR: Crimson Red
 EAVE: _____ COLOR: Crimson Red
 GUTTER: _____ COLOR: Crimson Red
 DOWNSPOUT: _____ COLOR: Koko Brown
 VALLEY GUTTER: _____ COLOR: _____
 HEADER: _____ COLOR: Crimson Red
 SILL: _____ COLOR: Crimson Red
 JAMB: _____ COLOR: Crimson Red
 BASE TRIM: _____ COLOR: Crimson Red
 CORNER: _____ COLOR: Crimson Red
 LINER: _____ COLOR: _____
 SOFFIT: _____ COLOR: _____
 FASCIA SILL: _____ COLOR: _____
 CAP TRIM: _____ COLOR: _____

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 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 17

This project is designed using manufacturer's standard serviceability standards. Generally this means that all stresses and deflections are within typical performance limits for normal occupancy and standard metal building products. If special requirements for deflections and vibrations must be adhered to, then they must be clearly stated in the contract documents.

DN 18

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

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.

IAS Certification Accredited
 Certification # MB-205

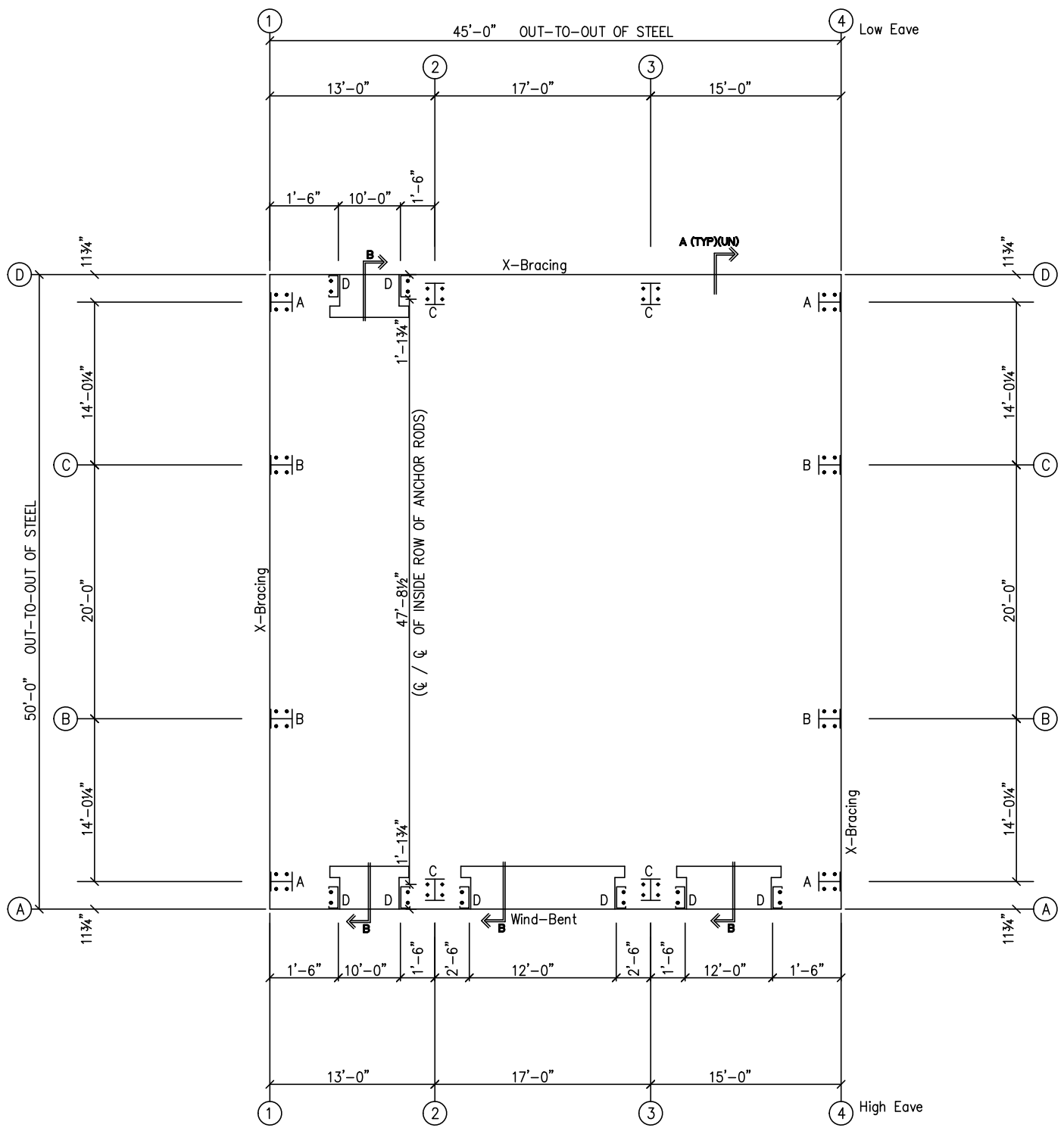
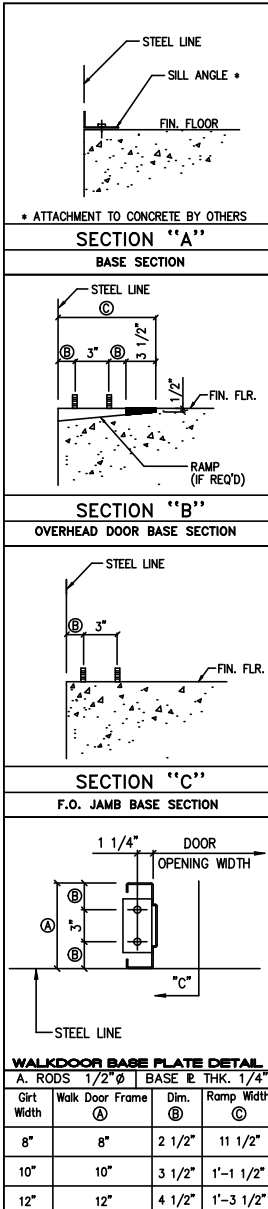


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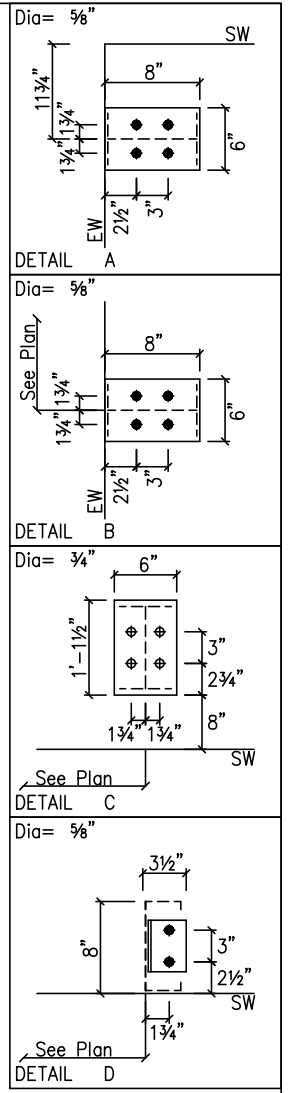
North Carolina License #010295
 Exp. 12/31/2022

09/05/2022

DRAWING STATUS		REVISIONS				INLAND BUILDINGS	
NO.	DATE	DESCRIPTION	BY	CK'D			
0	8/29/22	PERMIT FOR CONSTRUCTION	JS	JS			
<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.						INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com	
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<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.						CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE JS FR 8/29/22 N.T.S. 183791 (Rev) C1 of 2 0	



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

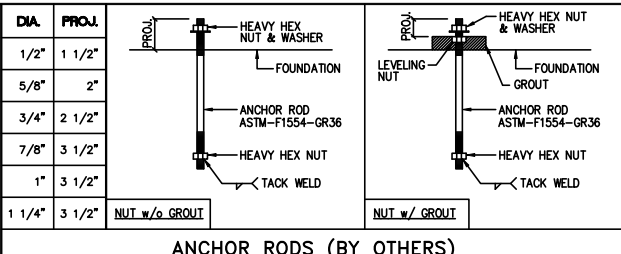


NOTE: SAME BASE □ FOR 3'-4" X 7'-2" FIELD LOCATED F.O.

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.



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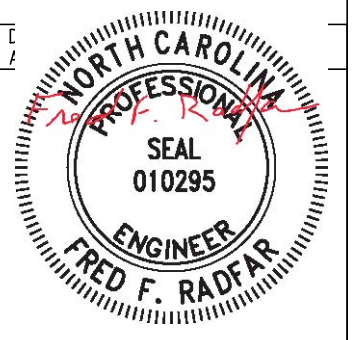
DESCRIPTION ANCHOR ROD PLAN

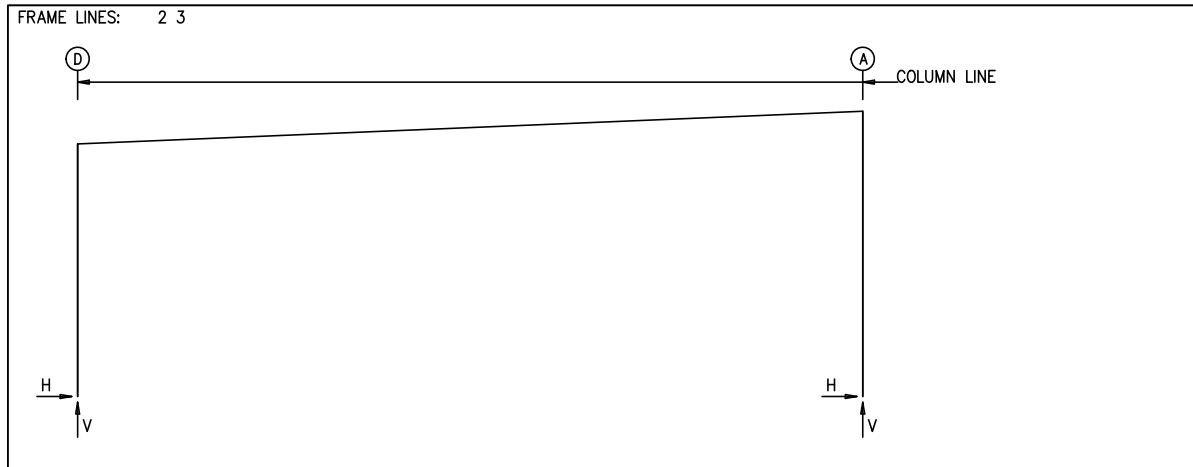
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JOB SITE LOCATION	112 MARSHBANKS ST LILLINGTON, NC 27546	ADDRESS	P.O. BOX 5231 SANFORD, NC 27331
CAD BY	ENGR BY	DATE	SCALE
JS	FR	8/29/22	N.T.S.

JOB NO. 183791 PH BLDG. DESC. SHEET NO. F1 of 2 ISSUE 0

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

Frm Line	Col Line	Column_Reactions(k)				V		Bolt(in) Qty	Base_Plate(in)				
		Load Id	Hmax H	Vmax	Load Id	Hmin H	Vmin		Width	Length	Thick	Grout (in)	
2*	D	6	3.7	10.9	2	-3.1	-5.5	4	0.750	6.000	13.50	0.500	0.0
		4	-0.5	-7.4	4	-0.5	-7.4						
2*	A	3	2.5	-3.5	6	-3.7	11.0	4	0.750	6.000	13.50	0.500	0.0
		6	-3.7	11.0	4	0.6	-7.9						

2* Frame lines: 2 3

NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 50.0
- Length (ft) = 45.0
- Eave Height (ft) = 16.1/ 18.2
- Roof Slope (rise/12) = 0.5
- Dead Load (psf) = 2.0
- Collateral Load (psf) = 5.0
- Roof Live Load(psf) = 20.0
- Frame Live Load(psf) = 12.0
- Snow Load (psf) = 13.9
- Wind Speed (mph) = 125.0
- Wind Code = NCBC 18 (IBC 15)
- Exposure = C
- Closed/Open = C
- Importance Wind = N/A
- Importance Seismic = 1.50
- Seismic Zone = D
- Seismic Coeff (Fa+Ss) = 0.30

ID	Description
1	Dead+Collateral+Live
2	0.6Dead+0.6Wind_Left1
3	0.6Dead+0.6Wind_Right1
4	0.6Dead+0.6Wind_Long1L
5	1.02Dead+1.02Collateral+0.75Live+0.53Seismic_Right
6	Dead+Collateral+MIN_SNOW
7	0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
8	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
9	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
10	0.6Dead+0.6Wind_Right1+0.6Wind_Suction

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	1	C,B	2.0	1.6	0.5	0.4			(b)
F_SW	A	2,3	2.4	4.6	0.5	1.0			
R_EW	4	A,B	2.2	2.6	0.5	0.6			
B_SW	D	3,2	4.6	3.9	1.4	1.2			

(b) Wind bent in bay, base above finish floor

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	D	0.5	1.7	0.7	2.0	1.7	4.8	1.9	5.5	-5.6	-10.9	1.3	-5.3
2*	A	-0.5	1.8	-0.7	2.0	-1.7	4.8	-1.9	5.6	0.8	-9.4	4.6	-7.6

Frame Line	Column Line	---Wind_Left2---		---Wind_Right2---		---Wind_Long1---		---Wind_Long2---		---Seismic_Left---		---Seismic_Right---	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	D	-5.3	-6.7	1.5	-1.1	-1.3	-14.0	-0.1	-10.4	-0.5	-0.3	0.5	0.3
2*	A	0.5	-5.2	4.4	-3.4	1.5	-14.9	0.0	-11.0	-0.4	0.3	0.4	-0.3

Frame Line	Column Line	---Seismic_Long---		---MIN_SNOW---	
		Horiz	Vert	Horiz	Vert
2*	D	0.0	-1.2	2.5	7.2
2*	A	0.0	-1.2	-2.5	7.2

2* Frame lines: 2 3

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Press Horz
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
1	D	0.3	0.2	0.8	0.5	0.0	-1.3	0.0	-0.8	0.0	-0.9	0.0	-0.4	-1.5
1	C	0.6	0.6	2.6	1.8	-1.2	-5.6	0.0	-0.9	-1.3	-4.3	0.0	0.4	-3.4
1	B	0.6	0.6	2.6	1.8	0.0	-3.6	1.9	-4.2	0.0	-2.2	1.9	-2.8	-3.6
1	A	0.3	0.2	0.8	0.5	0.0	-1.3	0.0	-0.8	0.0	-0.9	0.0	-0.4	-1.7

Frm Line	Col Line	Wind Suct Horz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		---MIN_SNOW---		E1PAT_SL_1-	
			Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	D	1.7	0.0	-1.4	0.0	-0.8	0.0	0.0	0.0	0.0	0.7	0.0	0.3	
1	C	3.7	0.0	-4.3	0.0	-2.5	-0.5	-0.4	0.0	0.4	0.0	2.3	0.0	0.4
1	B	3.9	0.4	-4.9	0.1	-2.7	0.0	0.4	0.5	-0.4	0.0	2.3	0.0	0.0
1	A	1.9	0.0	-1.3	0.0	-0.7	0.0	0.0	0.0	0.0	0.7	0.0	0.0	

Frm Line	Col Line	E1PAT_SL_2-		E1PAT_SL_3-		E1PAT_SL_4-	
		Horz	Vert	Horz	Vert	Horz	Vert
1	D	0.0	0.0	0.0	0.3	0.0	-0.1
1	C	0.0	0.0	0.0	0.9	0.0	0.5
1	B	0.0	0.4	0.0	0.5	0.0	0.9
1	A	0.0	0.3	0.0	-0.1	0.0	0.3

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Press Horz
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
4	A	0.3	0.2	0.9	0.6	-2.2	-3.5	0.0	0.1	-2.1	-3.0	0.0	0.6	-1.7
4	B	0.7	0.7	3.0	2.1	0.0	-0.3	1.4	-6.8	0.0	1.2	1.5	-5.3	-3.6
4	C	0.6	0.7	3.0	2.1	0.0	-3.0	0.0	-5.2	0.0	-1.4	0.0	-3.6	-3.4
4	D	0.3	0.2	0.9	0.6	0.0	-0.9	0.0	-1.5	0.0	-0.4	0.0	-1.0	-1.5

Frm Line	Col Line	Wind Suct Horz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		---MIN_SNOW---		E2PAT_SL_1-	
			Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
4	A	1.9	-0.4	-2.0	-0.2	-1.0	-0.5	-0.6	0.0	0.6	0.0	0.8	0.0	0.4
4	B	3.9	0.0	-4.7	0.0	-2.8	0.0	0.7	0.5	-0.6	0.0	2.7	0.0	0.5
4	C	3.7	0.0	-5.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-0.1
4	D	1.7	0.0	-1.6	0.0	-0.9	0.0	0.0	0.0	0.0	0.8	0.0	0.0	

Frm Line	Col Line	E2PAT_SL_2-		E2PAT_SL_3-		E2PAT_SL_4-	
		Horz	Vert	Horz	Vert	Horz	Vert
4	A	0.0	0.0	0.0	0.3	0.0	-0.1
4	B	0.0	-0.1	0.0	1.1	0.0	0.6
4	C	0.0	0.5	0.0	0.6	0.0	1.1
4	D	0.0	0.4	0.0	-0.1	0.0	0.3

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

Frm Line	Col Line	Column_Reactions(k)				V		Bolt(in) Qty	Base_Plate(in)				
		Load Id	Hmax H	Vmax	Load Id	Hmin H	Vmin		Width	Length	Thick	Grout (in)	
1	D	7	1.0	-0.7	8	-0.9	-0.7	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	1.2	7	1.0	-0.7						
1	C	9	2.2	-3.0	8	-2.0	-2.2	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	3.8	9	2.2	-3.0						
1	B	7	2.4	-2.5	8	-2.1	-2.5	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	3.8	7	2.4	-2.5						
1	A	9	1.2	-0.6	8	-1.0	-0.6	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	1.3	9	1.2	-0.6						
4	A	9	1.2	-1.9	8	-1.0	-1.0	4	0.625	6.000	8.000	0.375	0.0
		5	0.0	1.5	9	1.2	-1.9						
4	B	10	2.4	-3.7	8	-2.1	-2.4	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	4.4	10	2.4	-3.7						
4	C	10	2.2	-2.7	8	-2.0	-2.7	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	4.3	10	2.2	-2.7						
4	D	7	1.0	-0.8	8	-0.9	-0.8	4	0.625	6.000	8.000	0.375	0.0
		1	0.0	1.4	7	1.0	-0.8						

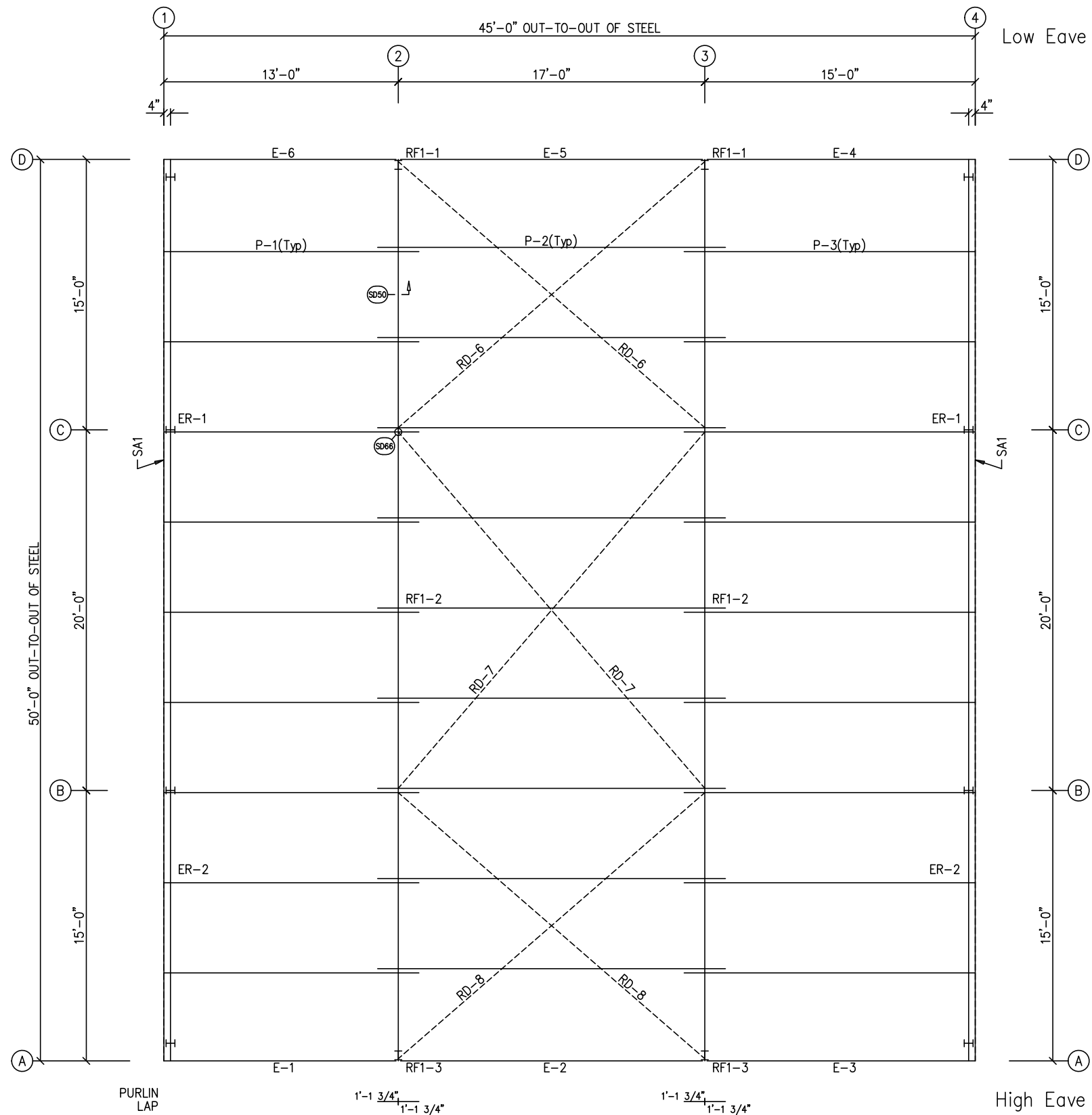
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BUILDINGS		DESCRIPTION REACTIONS	SIZE	REFER TO																																						
OWNER OR PROJECT	Buies Creek Fire Dept	CUSTOMER	SANFORD METAL BUILDING, LLC																																							
JOB SITE LOCATION	112 MARSHBANKS ST LILLINGTON, NC 27546	ADDRESS	P.O. BOX 5231 SANFORD, NC 27331																																							
CAD BY	ENGR BY	DATE	SCALE	JOB NO.																																						
JS	FR	8/29/22	N.T.S.	183791																																						
PH	BLDG. DESC.	SHEET NO.	ISSUE																																							
	(Rev)	F2 of 2	0																																							

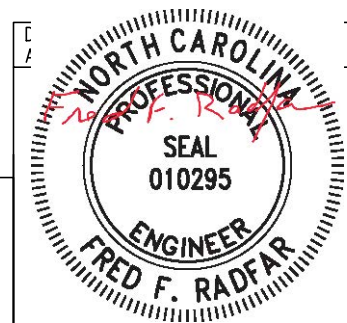
MEMBER TABLE	
ROOF PLAN	
MARK	PART
P-1	8X25Z16
P-2	8X25Z16
P-3	8X25Z16
E-1	H8E14
E-2	H8E14
E-3	H8E14
E-4	8E14
E-5	8E14
E-6	8E14
RD-6	RD0500
RD-7	RD0500
RD-8	RD0500



ROOF FRAMING PLAN

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 Houston, TX 77063
 (713-784-9008)
 fred@radfarpe.com

North Carolina License #010295
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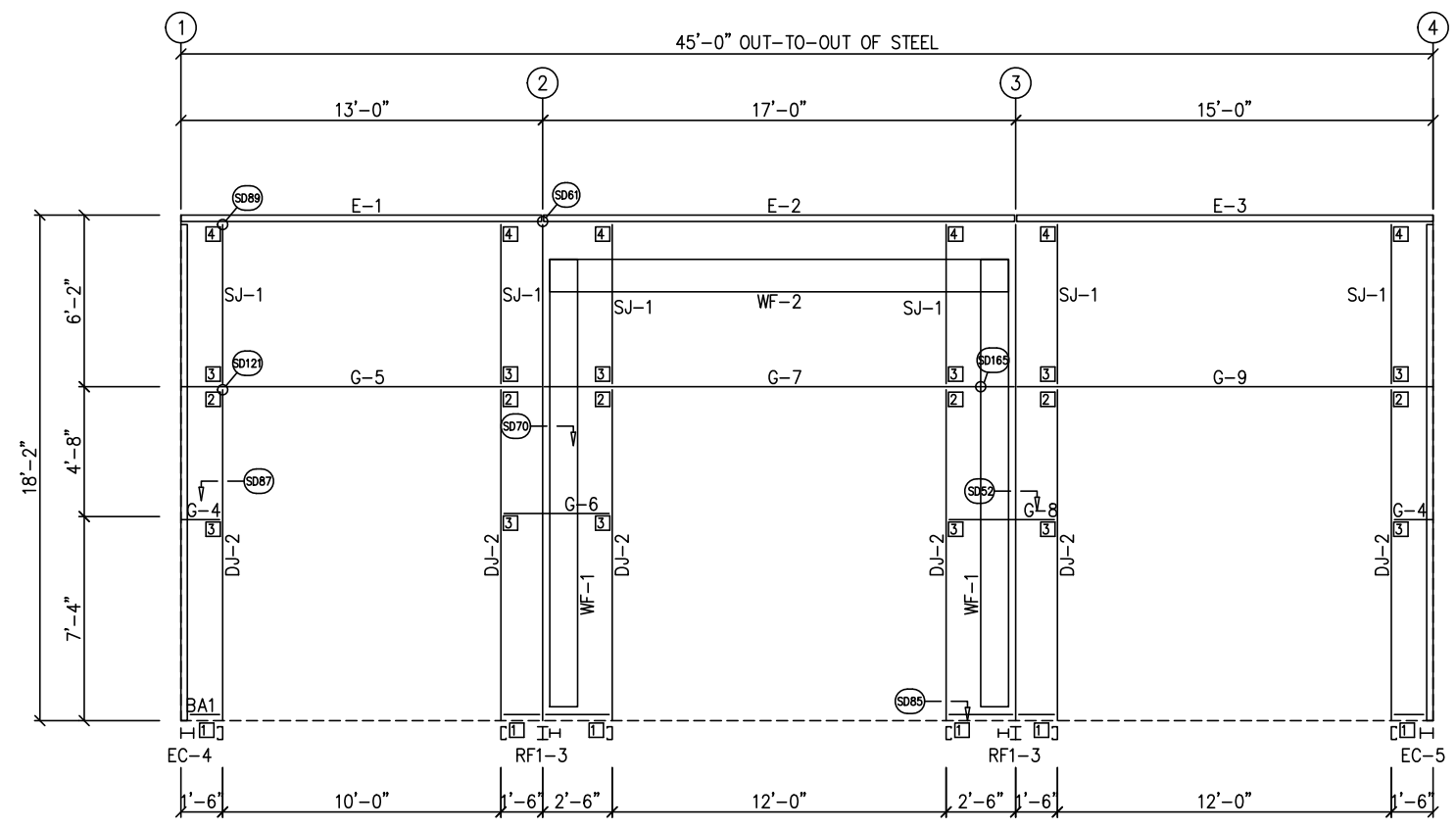


09/05/2022

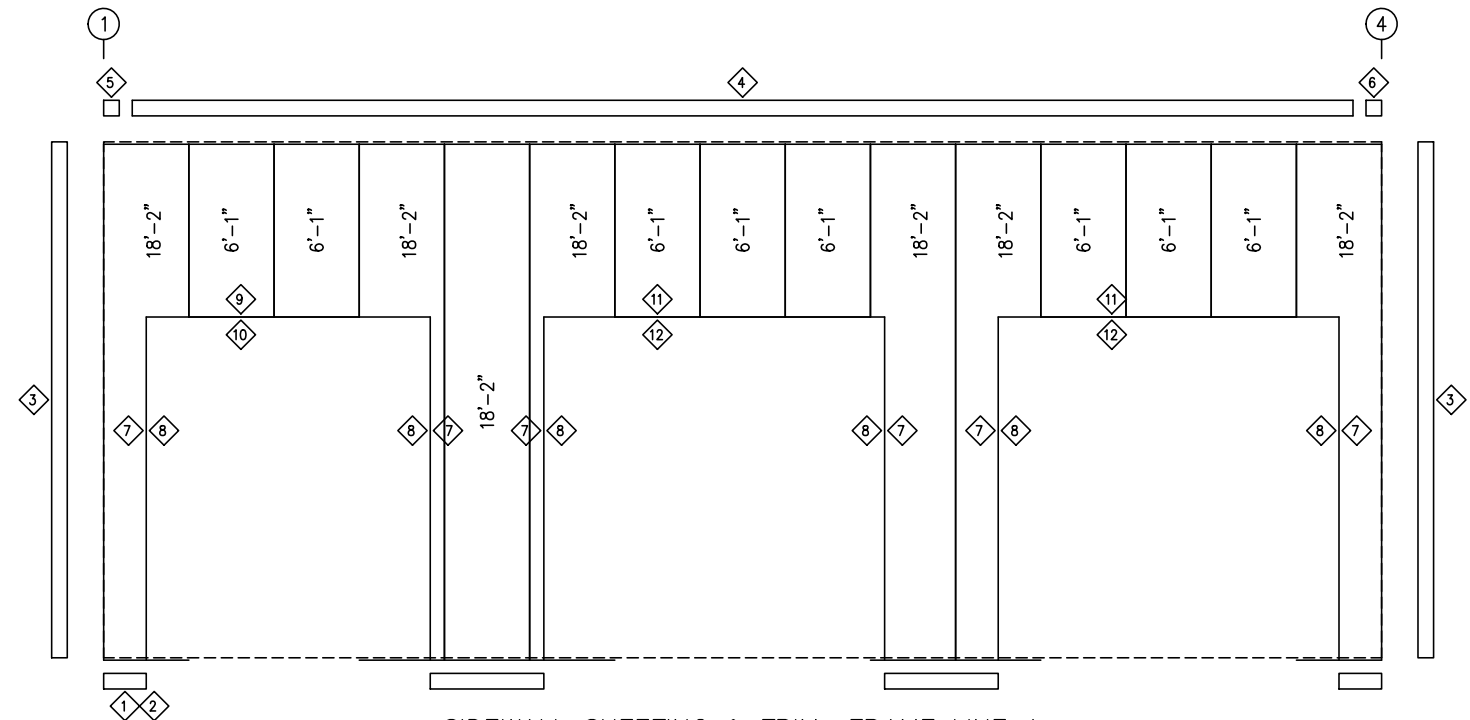
DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS 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	8/29/22	PERMIT FOR CONSTRUCTION	JS JS

INLAND BUILDINGS		INLAND BUILDINGS	
2141 SECOND AVENUE S.W. CULLMAN, AL. 35055		PHONE: 800.438.1606	
FAX: 800.438.1626		www.inlandbuildings.com	
DESCRIPTION ROOF FRAMING		SIZE	REFER TO C1
OWNER OR PROJECT	Buies Creek Fire Dept	CUSTOMER	SANFORD METAL BUILDING, LLC
JOB SITE LOCATION	112 MARSHBANKS ST LILLINGTON, NC 27546	ADDRESS	P.O. BOX 5231 SANFORD, NC 27331
CAD BY	ENGR BY	DATE	SCALE
JS	FR	8/29/22	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
183791			E1 of 6
ISSUE			0



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. PBR - Saddle Tan

TRIM TABLE				
FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	*	FL-60	SCRAP	SD74
2	1	FL-60	20'-2"	SD74
3	1	FL-110	18'-2"	TD40
4	2	FL-184	12'-7"	TD18
5	1	FL-184L	11'-2"	TD85
6	1	FL-184R	11'-2"	
7	1	FL-55	12'-2"	
8	1	FL-48	12'-3"	TD51
9	1	FL-55	10'-4"	
10	1	FL-52	10'-4"	TD52
11	1	FL-55	12'-4"	
12	1	FL-52	12'-4"	TD52

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

MEMBER TABLE	
FRAME LINE A	
MARK	PART
WF-1	W12641
WF-2	W14541
DJ-2	8X35C16
E-1	H8E14
E-2	H8E14
E-3	H8E14
G-4	8X25Z16
G-5	8X25C16
G-6	8X25Z16
G-7	8X25C16
G-8	8X25Z16
G-9	8X25C16
SJ-1	8X35C16

CONNECTION PLATES	
FRAME LINE A	
ID	MARK/PART
1	CL-104
2	CL-100
3	CL-103
4	CL-101

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.

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
0	8/29/22	PERMIT FOR CONSTRUCTION	JS JS

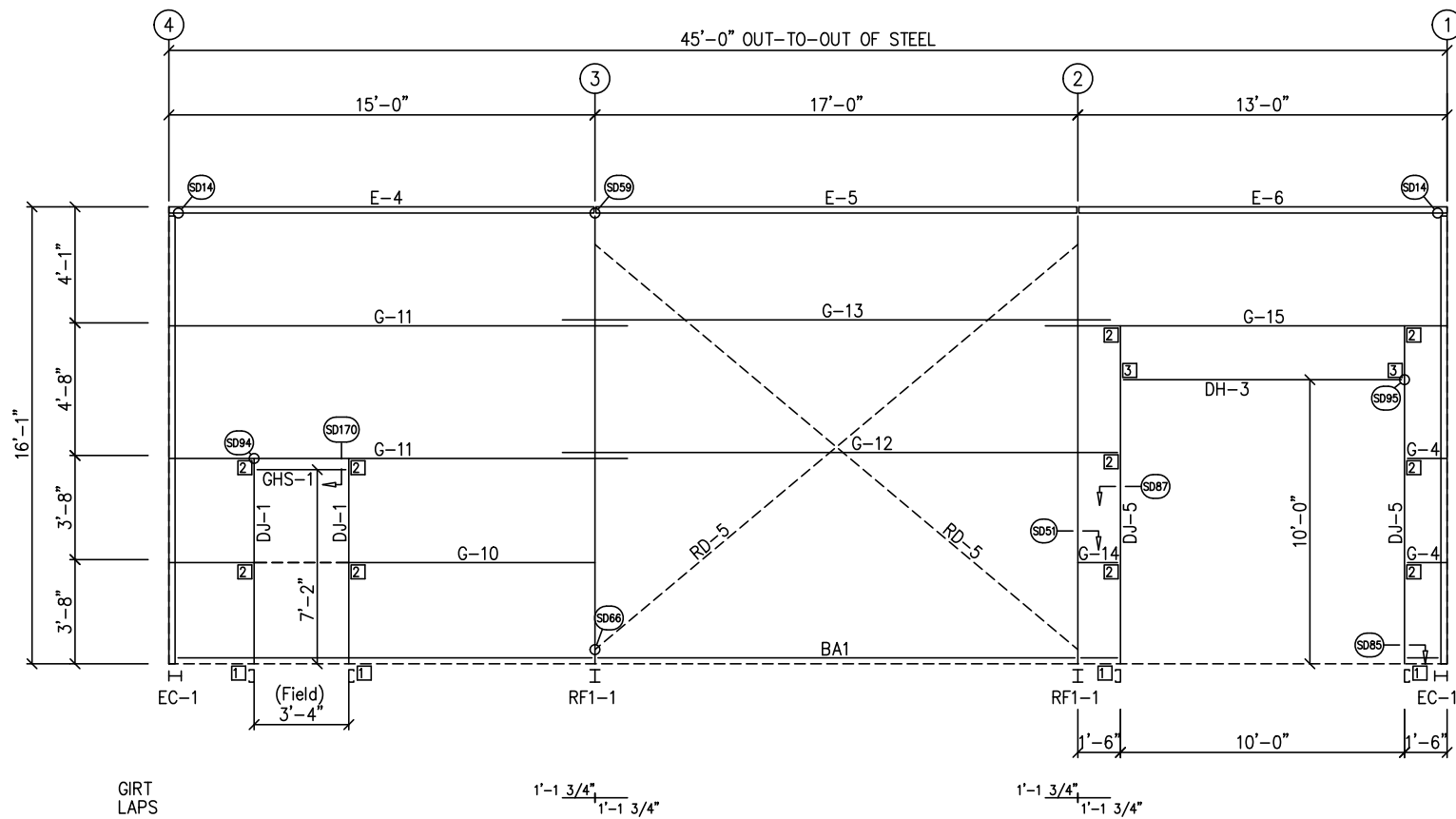
INLAND BUILDINGS
 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055
 PHONE: 800.438.1606
 FAX: 800.438.1626
 www.inlandbuildings.com

OWNER OR PROJECT	Buies Creek Fire Dept	CUSTOMER	SANFORD METAL BUILDING, LLC
JOB SITE LOCATION	112 MARSHBANKS ST LILLINGTON, NC 27546	ADDRESS	P.O. BOX 5231 SANFORD, NC 27331
CAD BY	ENGR BY	DATE	SCALE
JS	FR	8/29/22	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
183791			E3 of 6
ISSUE			0

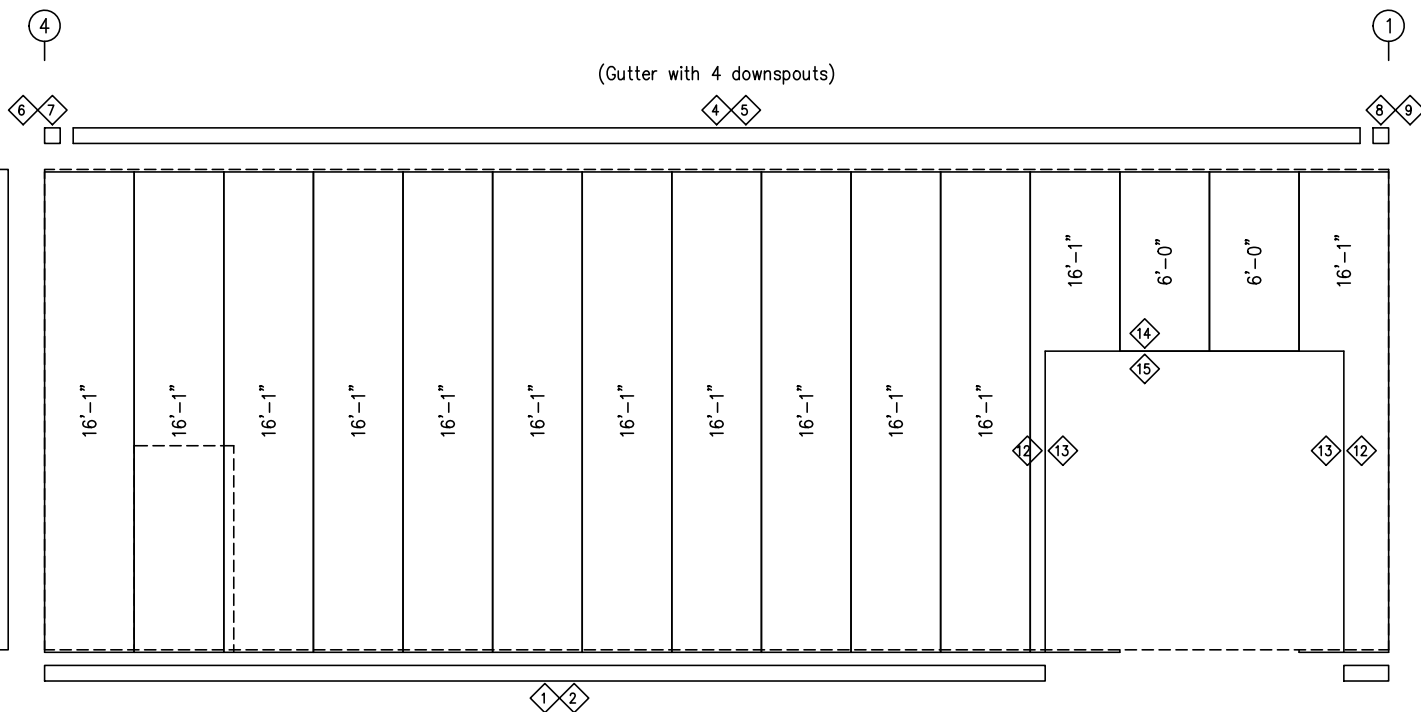
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 (713-784-9008)
 fred@radfarpe.com
 North Carolina License #010295
 Exp. 12/31/2022



09/05/2022



SIDEWALL FRAMING: FRAME LINE D



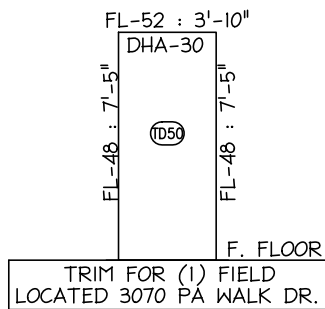
SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. PBR - Saddle Tan

TRIM TABLE				
FRAME LINE D				
ID	QUAN	PART	LENGTH	DETAIL
1	*	FL-60	SCRAP	SD74
2	2	FL-60	20'-2"	SD74
3	1	FL-110	16'-1"	TD40
4	2	FL-170	12'-7"	TD15
5	3	FL-31	15'-2"	
6	1	FL-170L	11'-2"	
7	1	FL-183L	8"	TD85
8	1	FL-170R	11'-2"	TD95
9	1	FL-183R	8"	
12	1	FL-55	10'-2"	
13	1	FL-48	10'-3"	TD51
14	1	FL-55	10'-4"	
15	1	FL-52	10'-4"	TD52

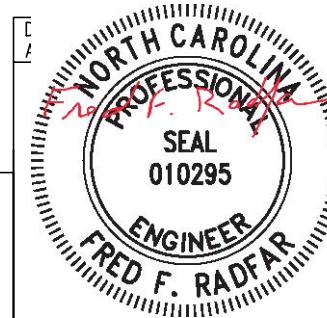
MEMBER TABLE		
FRAME LINE D		
MARK	PART	
DJ-5	8X35C16	
DH-3	8X25C16	
E-4	8E14	
E-5	8E14	
E-6	8E14	
G-4	8X25Z16	
G-10	8X25Z16	
G-11	8X25Z16	
G-12	8X25Z16	
G-13	8X25Z16	
G-14	8X25Z16	
G-15	8X25Z16	
RD-5	RD0500	
DJ-1	8X35C16	
GHS-1	13 1/16 X 14 Gd	

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



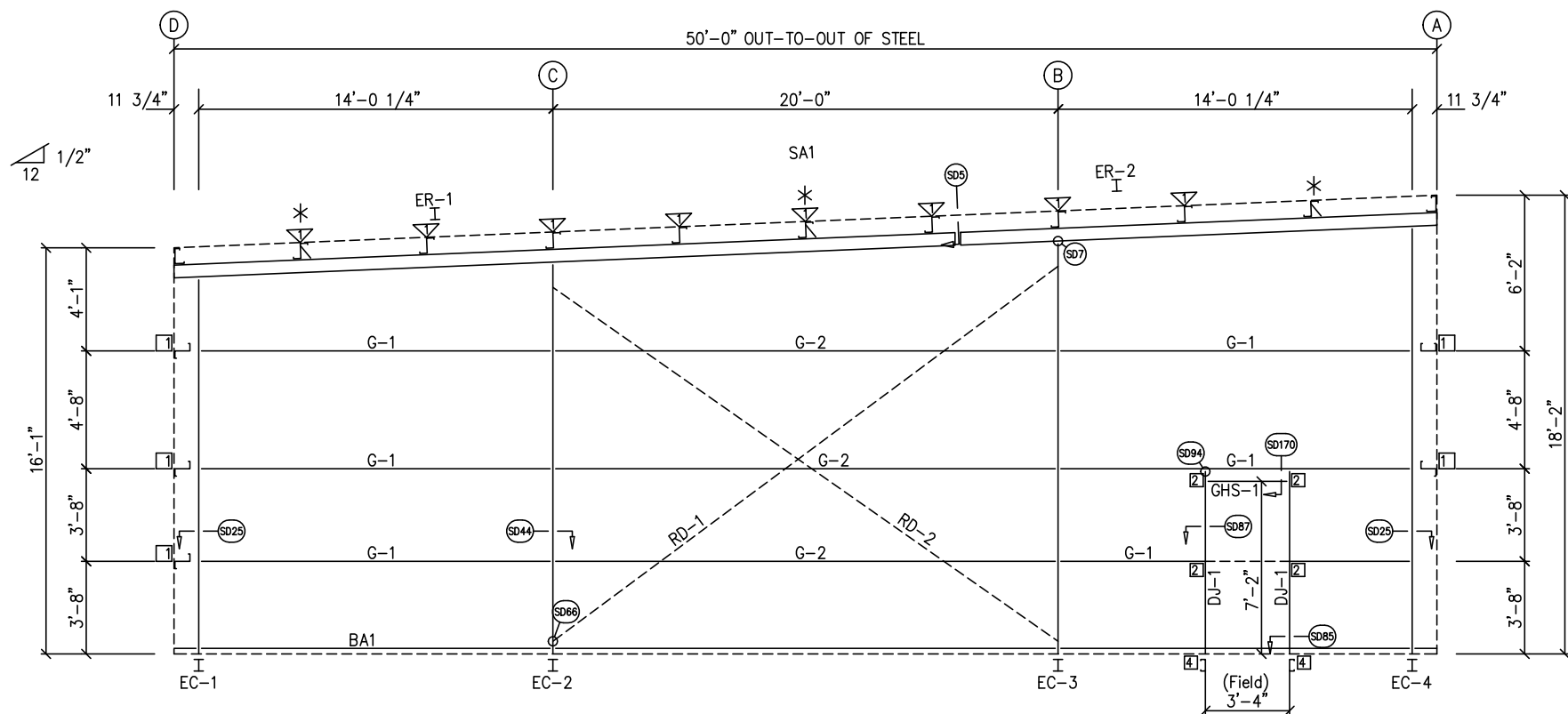
Fred F. Radfar P.E.
 30 Windermere Lane
 Houston, TX 77063
 (713-784-9008)
 fred@radfarpe.com

North Carolina License #010295
 Exp. 12/31/2022

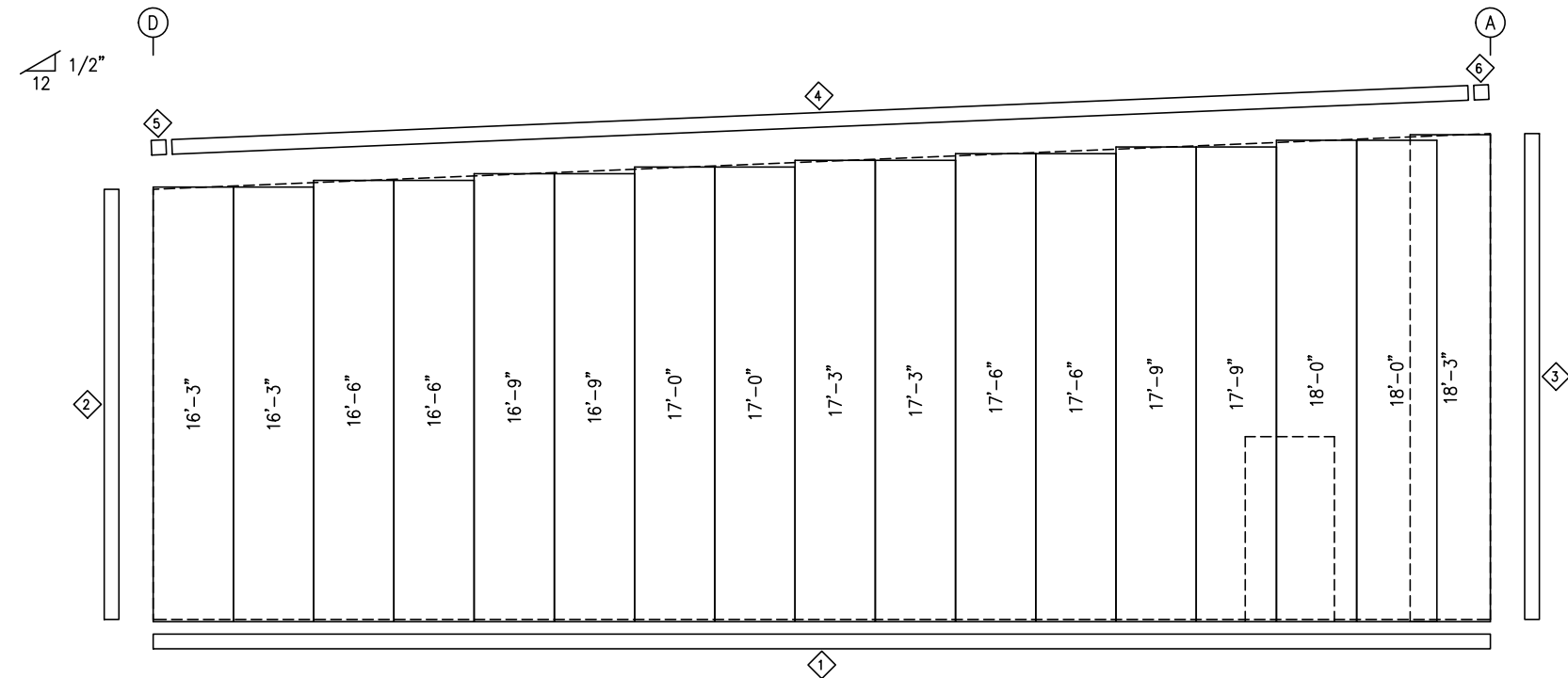


GENERAL NOTES:
 TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
 FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
 FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
 FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

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 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	8/29/22	PERMIT FOR CONSTRUCTION	JS	JS	
<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						DESCRIPTION SIDEWALL ELEVATION OWNER OR PROJECT Buies Creek Fire Dept CUSTOMER SANFORD METAL BUILDING, LLC JOBSITE LOCATION 112 MARSHBANKS ST ADDRESS P.O. BOX 5231 LILLINGTON, NC 27546 SANFORD, NC 27331 CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE JS FR 8/29/22 N.T.S. 183791 (Rev) E4 of 6 0



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. PBR - Saddle Tan

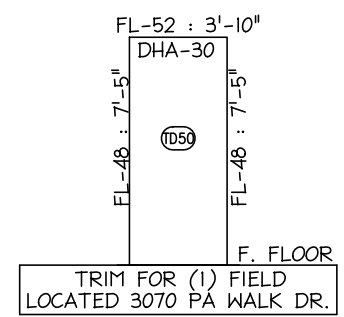
TRIM TABLE				
FRAME LINE 1				
ID	QUAN	PART	LENGTH	DETAIL
1	3	FL-60	20'-2"	SD74
2	1	FL-110	16'-1"	TD40
3	1	FL-110	18'-2"	TD40
4	3	FL-175	13'-6"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-175R	11'-2"	TD88

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

FLANGE BRACE TABLE		
FRAME LINE 1		
VID	MARK	LENGTH
1	FB1A	2'-10"

CONNECTION PLATES	
FRAME LINE 1	
ID	MARK/PART
1	CL-5
2	CL-103
3	CL-100
4	CL-104

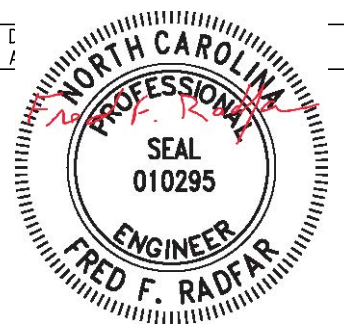
MEMBER TABLE	
FRAME LINE 1	
MARK	PART
EC-1	W8X10
EC-2	W8X10
EC-3	W8X10
EC-4	W8X10
ER-1	W8X10
ER-2	W8X10
G-1	8X25Z16
G-2	8X25Z14
RD-1	RD0500
RD-2	RD0500
DJ-1	8X35C16
GHS-1	13 1/16X14Go



TRIM FOR (1) FIELD LOCATED 3070 PA WALK DR.

Fred F. Radfar P.E.
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Houston, TX 77063
(713-784-9008)
fred@radfarpe.com

North Carolina License #010295
Exp. 12/31/2022



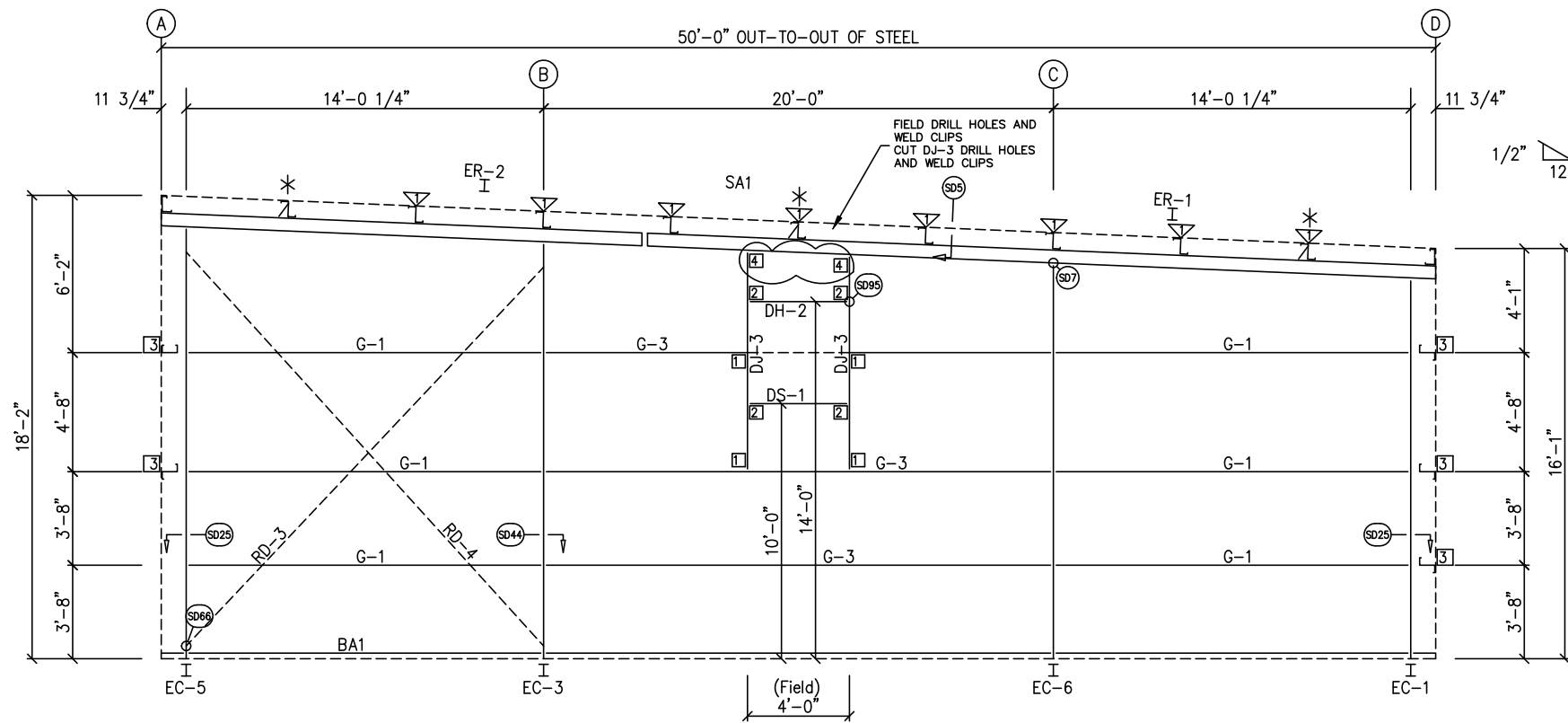
09/05/2022

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.

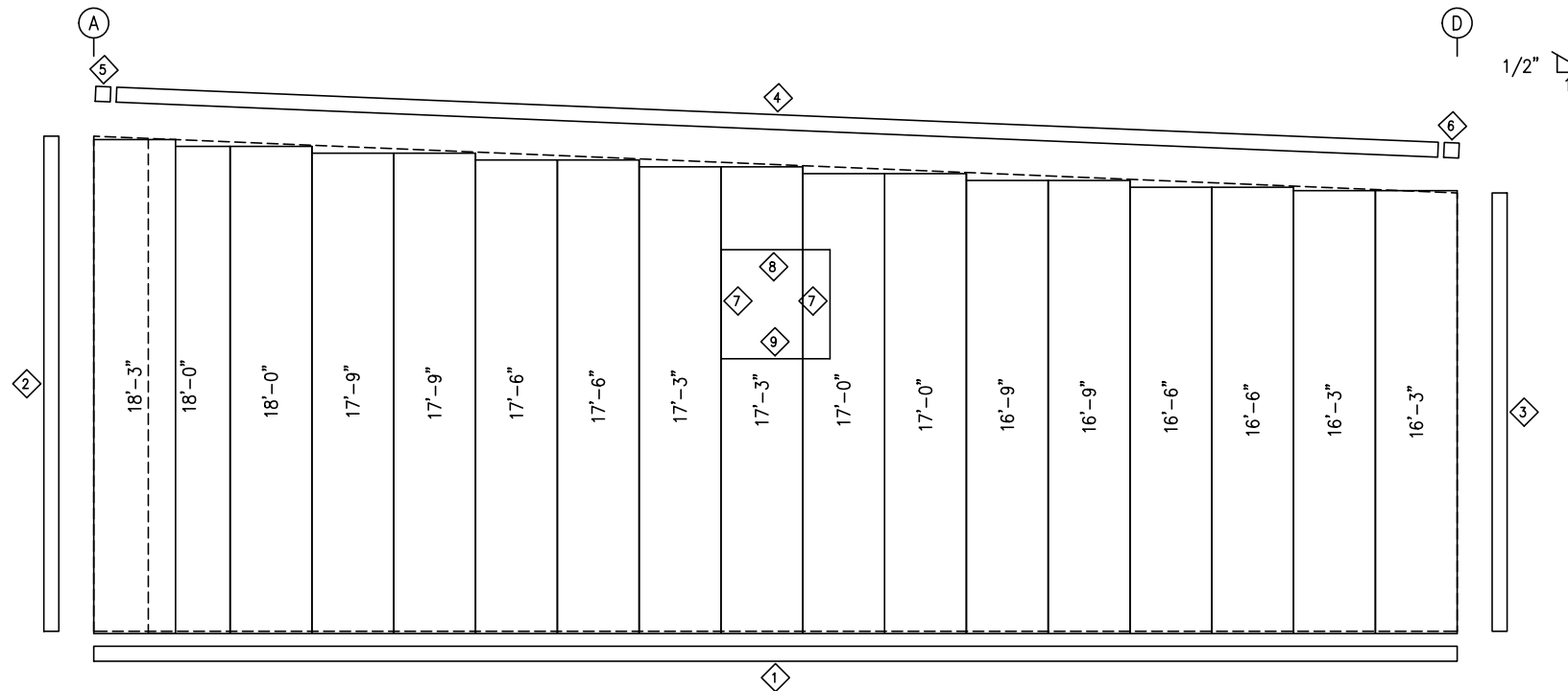
DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
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REVISIONS			
NO.	DATE	DESCRIPTION	BY
0	8/29/22	PERMIT FOR CONSTRUCTION	JS

OWNER OR PROJECT		DESCRIPTION ENDWALL ELEVATION		SIZE		REFER TO C1	
Buies Creek Fire Dept		112 MARSHBANKS ST		SANFORD METAL BUILDING, LLC		P.O. BOX 5231	
LILLINGTON, NC 27546		LILLINGTON, NC 27546		SANFORD, NC 27331			
CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.
JS	FR	8/29/22	N.T.S.	183791			E5 of 6
				ISSUE	0		



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 Ga. PBR - Saddle Tan

TRIM TABLE				
FRAME LINE 4				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-60	20'-2"	SD74
2	1	FL-110	18'-2"	TD40
3	1	FL-110	16'-1"	TD40
4	3	FL-175	13'-6"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-175R	11'-2"	TD88
7	1	FL-48	4'-3"	TD51
8	1	FL-52	4'-4"	TD52
9	1	FL-50	4'-4"	

BOLT TABLE				
FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	1 3/4"
Columns/Raf	2	A325	5/8"	1 1/4"
Jamb	2	A307	1/2"	1"

FLANGE BRACE TABLE		
FRAME LINE 4		
VID	MARK	LENGTH
1	FB1A	2'-10"

CONNECTION PLATES	
FRAME LINE 4	
ID	MARK/PART
1	CL-103
2	CL-100
3	CL-5
4	CL-69

MEMBER TABLE	
FRAME LINE 4	
MARK	PART
EC-1	W8X10
EC-3	W8X10
EC-5	W8X10
EC-6	W8X10
ER-1	W8X10
ER-2	W8X10
DJ-3	8X35C16
DH-2	8X25C16
DS-1	8X25C16
G-1	8X25Z16
G-3	8X25Z12
RD-3	RD0500
RD-4	RD0500

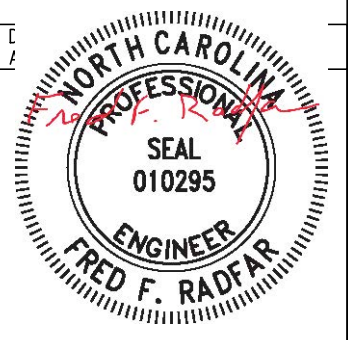
GENERAL NOTES:
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 FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
 FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
 BEVEL CUT ENDWALL PANELS AS REQUIRED.
 FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

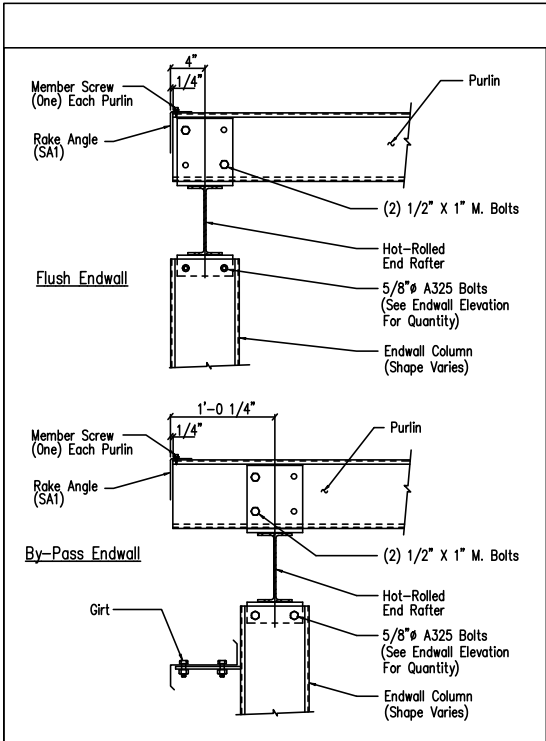
DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
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REVISIONS			
NO.	DATE	DESCRIPTION	BY
0	8/29/22	PERMIT FOR CONSTRUCTION	JS

INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com		OWNER OR PROJECT Buies Creek Fire Dept		CUSTOMER SANFORD METAL BUILDING, LLC	
DESCRIPTION ENDWALL ELEVATION		SIZE REFER TO C1		ADDRESS P.O. BOX 5231	
JOB SITE LOCATION 112 MARSHBANKS ST LILLINGTON, NC 27546		ADDRESS SANFORD, NC 27331		DATE 8/29/22	
CAD BY JS		ENGR BY FR		DATE 8/29/22	
SCALE N.T.S.		JOB NO. 183791		PH BLDG. DESC. E6 of 6	
ISSUE 0					

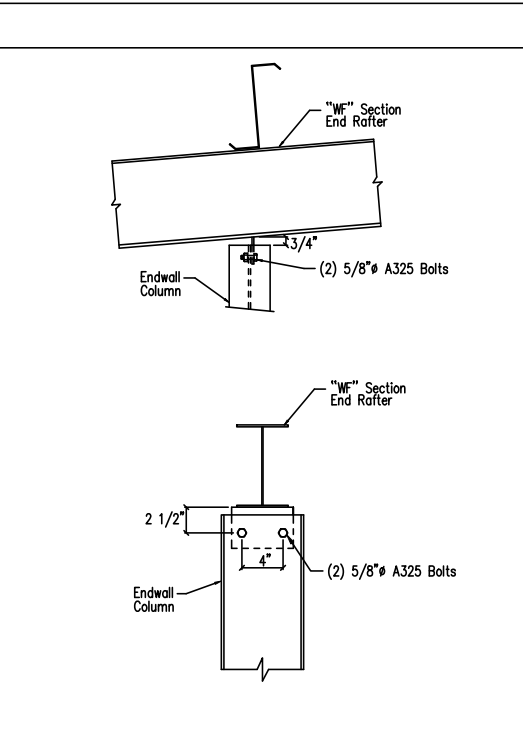
Fred F. Radfar P.E.
 30 Windermere Lane
 Houston, TX 77063
 (713-784-9008)
 fred@radfarpe.com
 North Carolina License #010295
 Exp. 12/31/2022





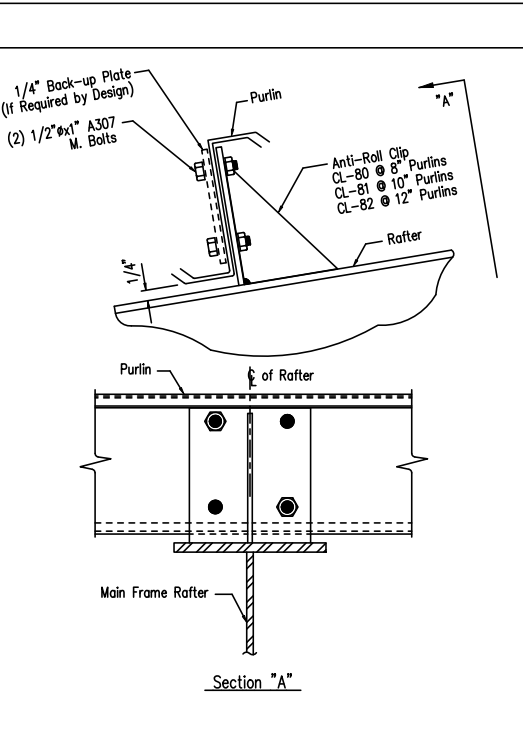
Section Thru Rake w/Hot Rolled Rafter

DRAWING NO. SD5



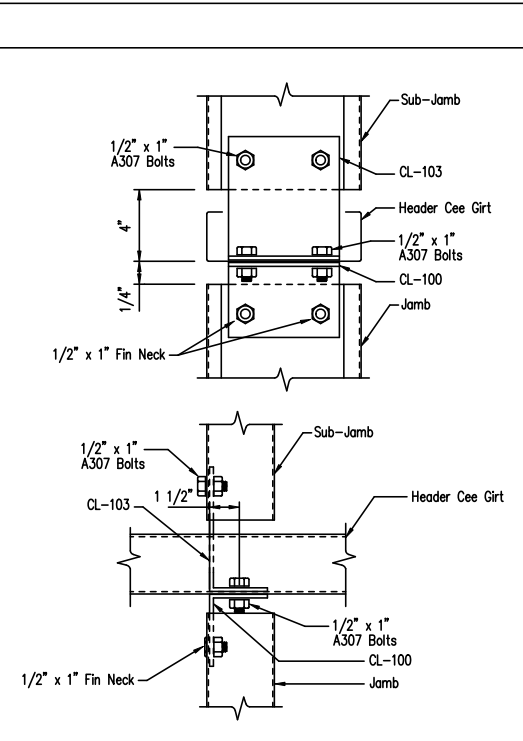
Hot Rolled Column to Hot Rolled Rafter

DRAWING NO. SD7



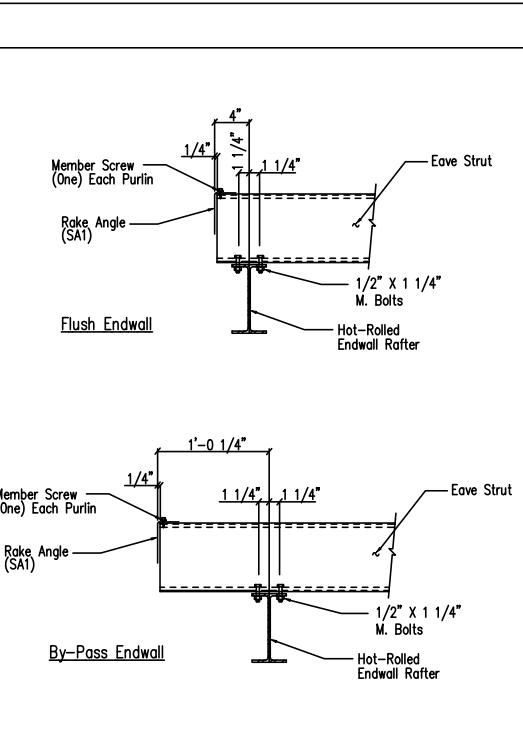
Purlin to Anti-Roll Clip Connection

DRAWING NO. SD115



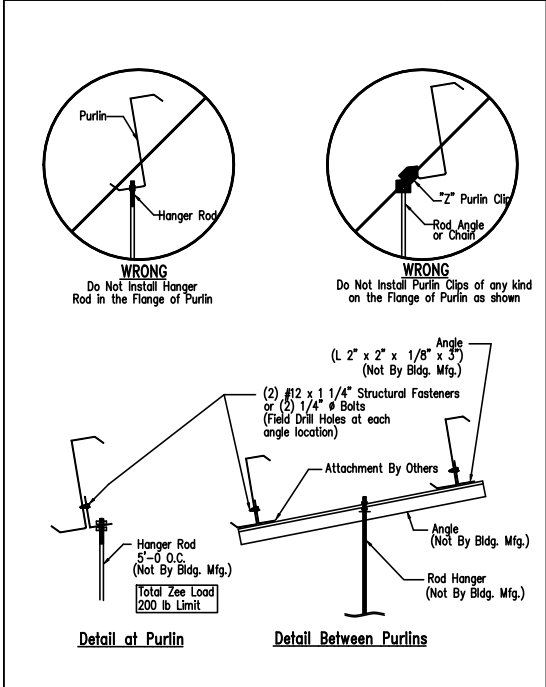
Jamb to Header Girt with Sub-Jamb

DRAWING NO. SD121



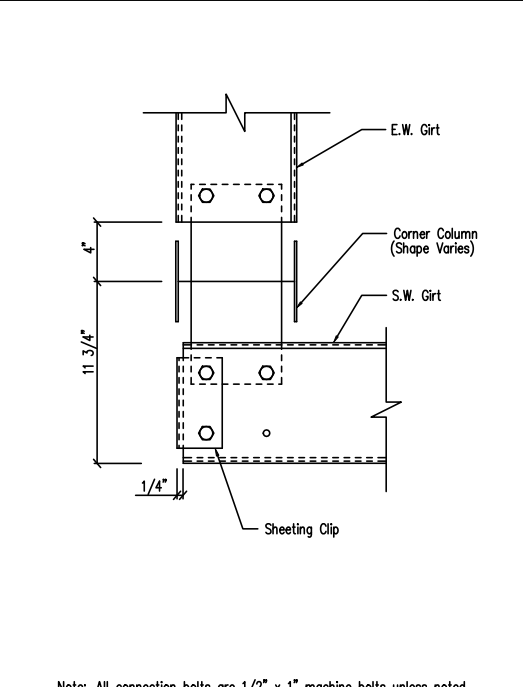
Eave Strut to Hot Rolled Rafter Connection

DRAWING NO. SD14



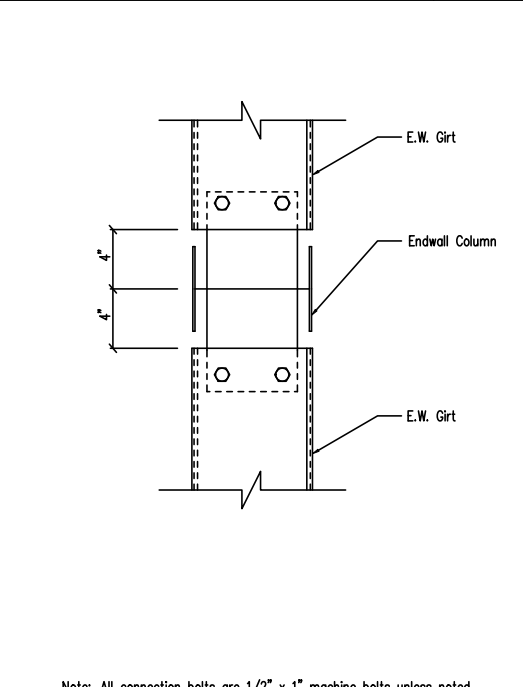
Collateral Material Hanger Detail

DRAWING NO. SD160



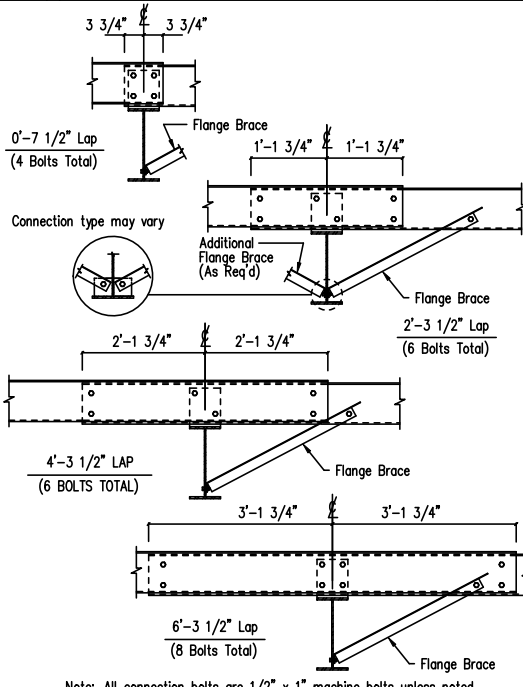
Section at Hot Rolled Corner Column

DRAWING NO. SD25



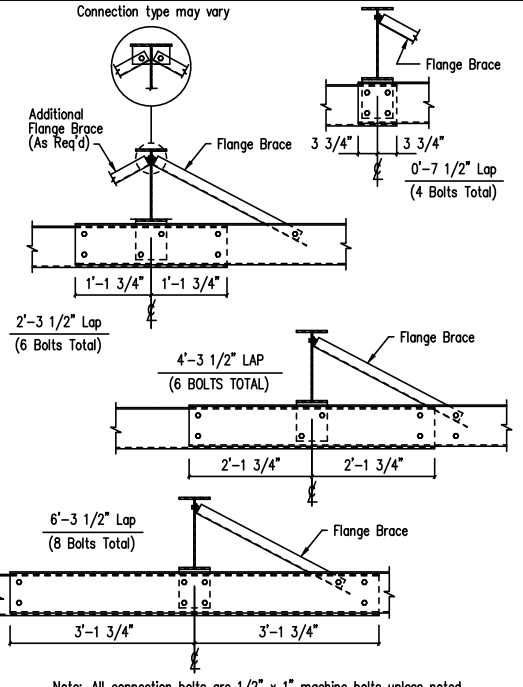
Girt to Hot Rolled Endwall Column Connection

DRAWING NO. SD44



Interior Bay Purlin Framing

DRAWING NO. SD50



Interior Bay Girt Framing

DRAWING NO. SD51

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\"/>

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 fred@radfarpe.com
 North Carolina License #010295
 Exp. 12/31/2022

DRAWING STATUS

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

REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
0	8/29/22	PERMIT FOR CONSTRUCTION	JS	JS

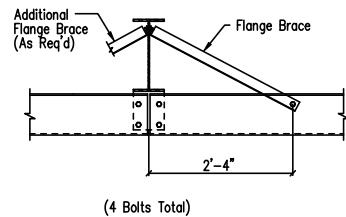
INLAND BUILDINGS
 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055
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PROFESSIONAL SEAL
 010295
 FRED F. RADFAR
 ENGINEER

09/05/2022

OWNER OR PROJECT	Buies Creek Fire Dept	CUSTOMER	SANFORD METAL BUILDING, LLC
JOB SITE LOCATION	112 MARSHBANKS ST LILLINGTON, NC 27546	ADDRESS	P.O. BOX 5231 SANFORD, NC 27331
CAD BY	ENGR BY	DATE	SCALE
JS	FR	8/29/22	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
183791	(none)		D1 of 4
ISSUE			0

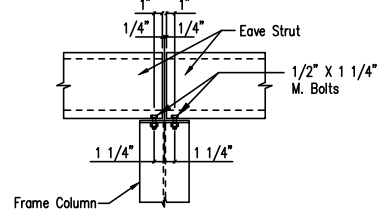
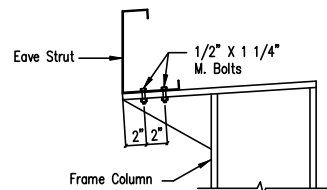




Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

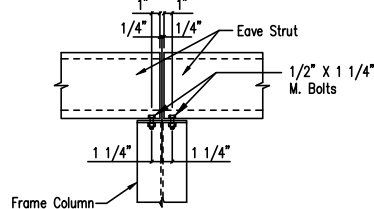
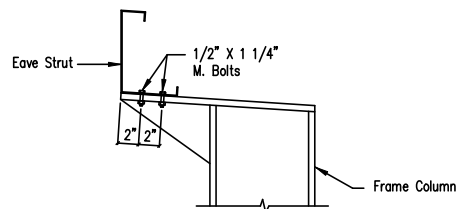
Simple Span Girt Framing

DRAWING NO. SD52



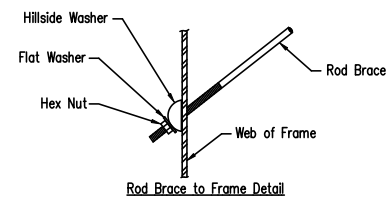
Eave Strut at Interior Column
By-Pass Sidewall

DRAWING NO. SD59

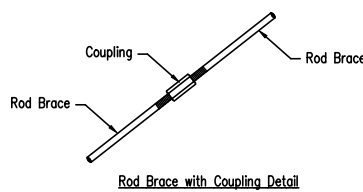


Eave Strut at High Side Column
By-Pass Sidewall

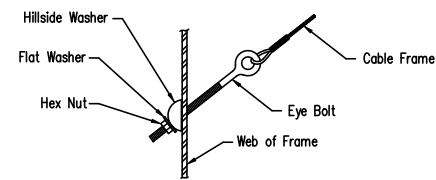
DRAWING NO. SD61



Rod Brace to Frame Detail



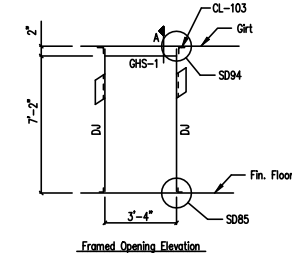
Rod Brace with Coupling Detail



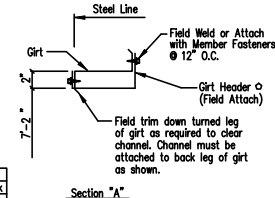
Cable Brace to Frame Detail

Cable or Rod Brace to Frame Connection

DRAWING NO. SD66



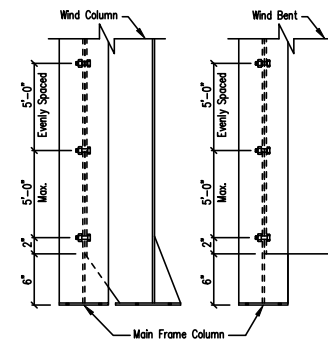
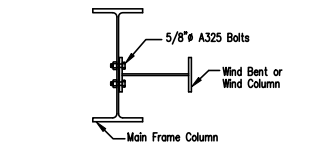
Framed Opening Elevation



Section "A-A"

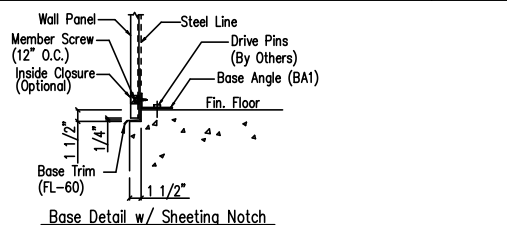
Detail for 3'-4" x 7'-2" F.O.

DRAWING NO. SD170

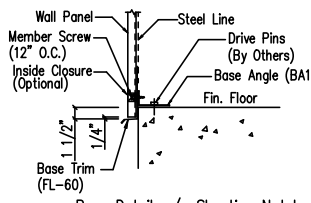


Wind Column/Bent Frame Detail

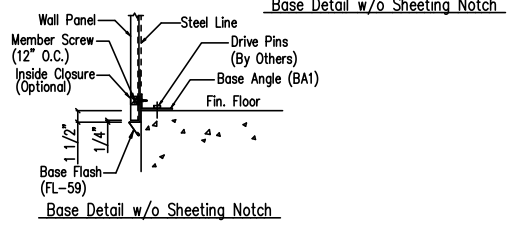
DRAWING NO. SD70



Base Detail w/ Sheeting Notch



Base Detail w/o Sheeting Notch

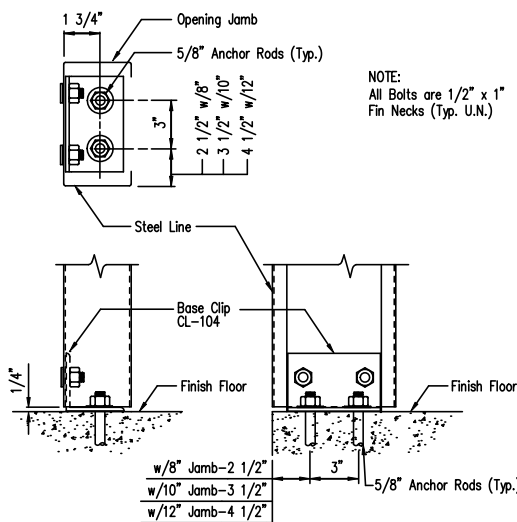


Base Detail w/o Sheeting Notch

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.

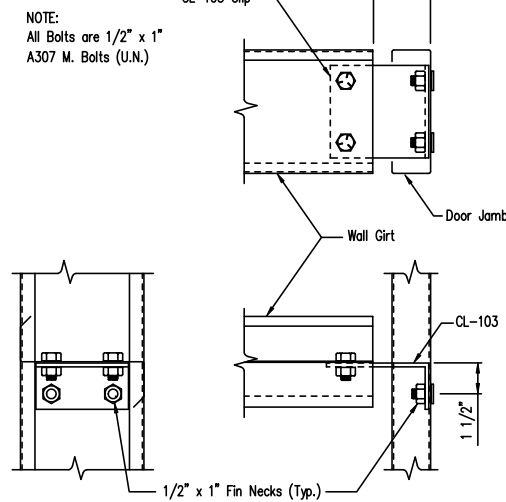
Base Angle w/Trim

DRAWING NO. SD74



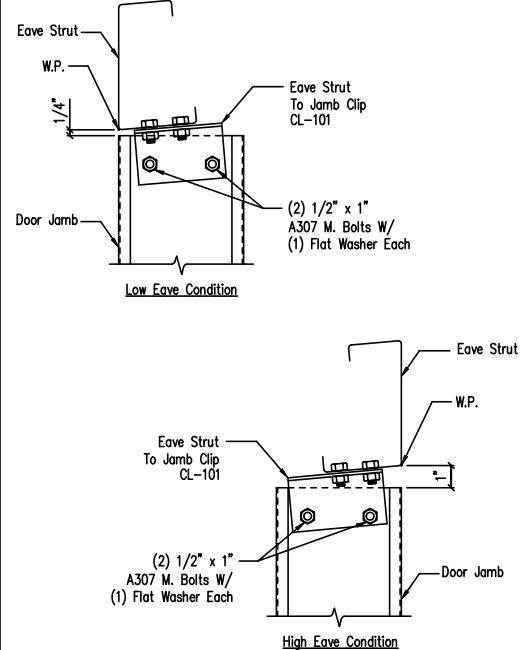
Jamb to Floor

DRAWING NO. SD85



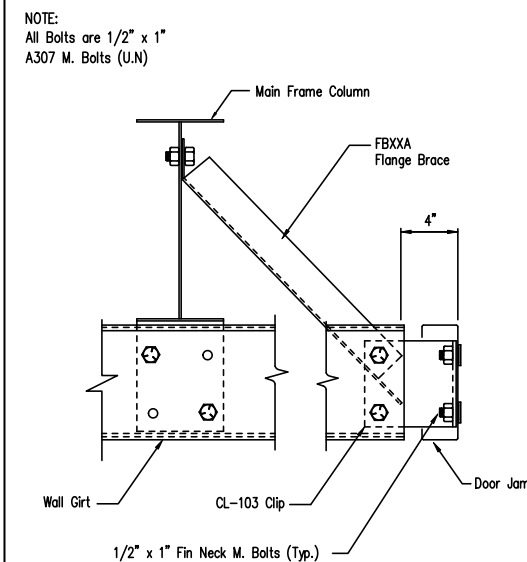
Girt to Jamb (Bolted Clips)

DRAWING NO. SD87



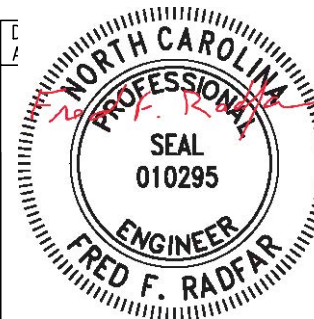
Jamb to Eave Strut w/ 8" Jamb
1:12 Roof Pitch and Lower

DRAWING NO. SD89



FLANGE BRACE AT FRAMED OPENING

DRAWING NO. SD165



09/05/2022

GENERAL NOTES:
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WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.
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* 1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.
* TRIM PROFILE MAY VARY.

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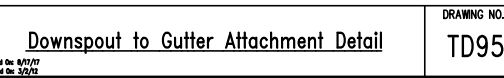
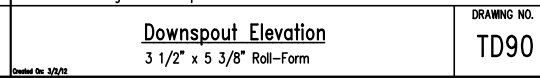
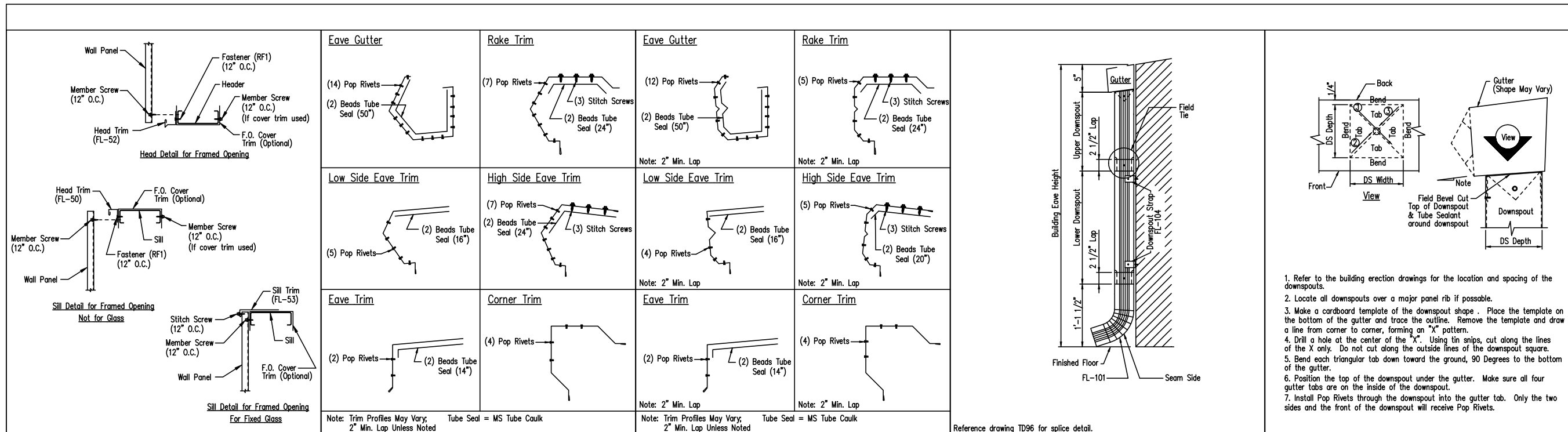
REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
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OWNER OR PROJECT		CUSTOMER		SIZE		REFER TO C1	
Bules Creek Fire Dept		SANFORD METAL BUILDING, LLC					
JOB SITE LOCATION		ADDRESS		JOB NO.		PH BLDG. DESC.	
112 MARSHBANKS ST		P.O. BOX 5231		183791		(none)	
LILLINGTON, NC 27546		SANFORD, NC 27331		SCALE		SHEET NO.	
CAD BY		ENGR BY		DATE		ISSUE	
JS		FR		8/29/22		D2 of 4 0	



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 square.
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.

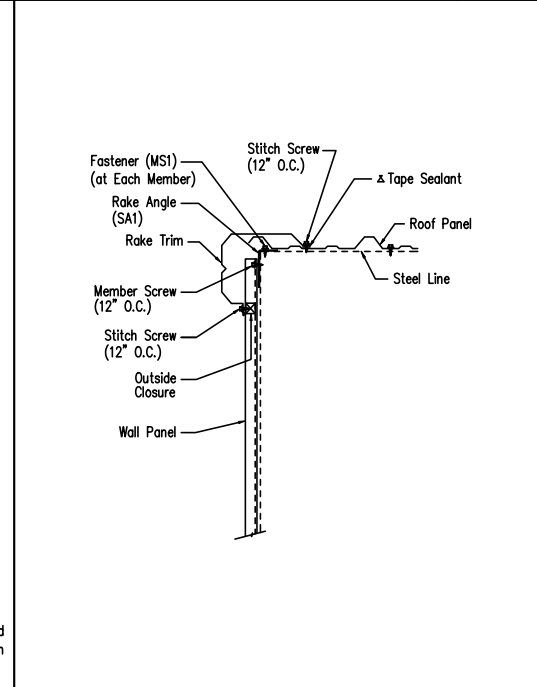
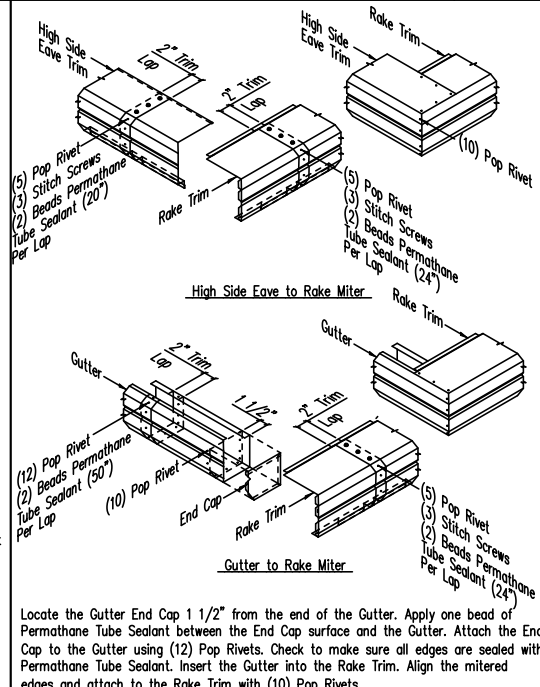
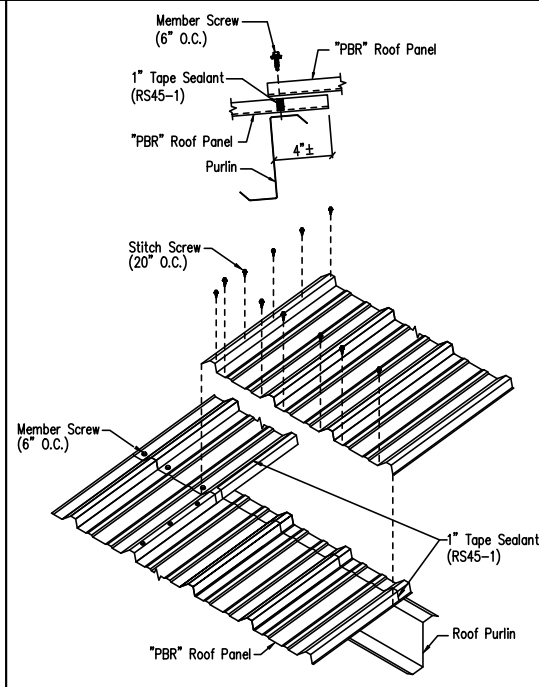
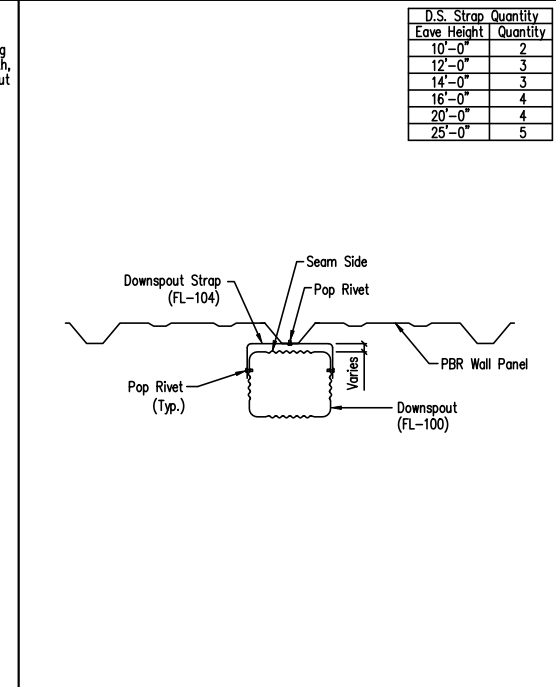
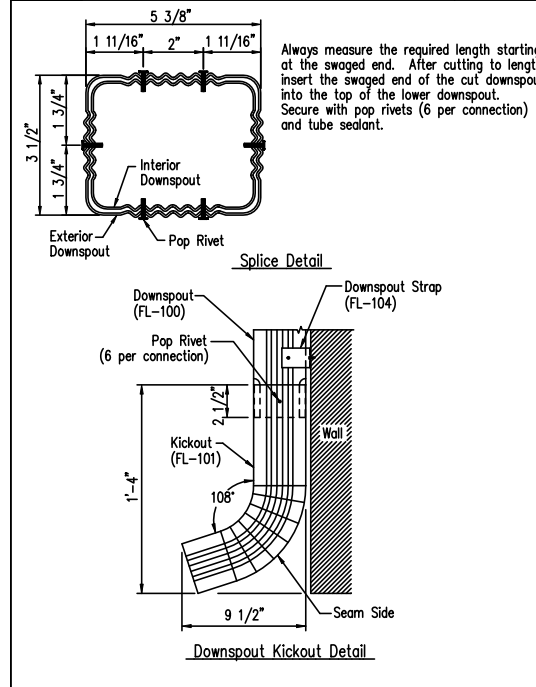
Framed Opening Head and Sill Details
 DRAWING NO. TD52
 Created On: 3/2/22
 Revised On: 04/25/22

Trim Laps - Standard Profile
 DRAWING NO. TD85
 Created On: 3/2/22
 Revised On: 3/2/22

Trim Laps - Shadow Profile
 DRAWING NO. TD88
 Created On: 3/2/22
 Revised On: 3/2/22

Downspout Elevation
 3 1/2" x 5 3/8" Roll-Form
 DRAWING NO. TD90
 Created On: 3/2/22
 Revised On: 3/2/22

Downspout to Gutter Attachment Detail
 DRAWING NO. TD95
 Created On: 3/2/22
 Revised On: 3/2/22



Downspout Kickout and Splice Detail
 3 1/2" x 5 3/8" Roll-Form
 DRAWING NO. TD96
 Created On: 3/2/22

Downspout Strap Attachment Detail - PBR
 3 1/2" x 5 3/8" Roll-Form
 DRAWING NO. TD98
 Created On: 03/02/22
 Revised On: 03/02/22

Panel Endlap Detail - PBR
 DRAWING NO. TD206
 Created On: 03/02/22
 Revised On: 3/2/22

PBR Shadow Trim Detail
 DRAWING NO. TD302
 Created On: 03/02/22
 Revised On: 03/02/22

Rake Detail - PBR
 Shadow Rake - Sheeted Wall
 DRAWING NO. TD535
 Created On: 03/22/22
 Revised On: 03/02/22

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REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
0	8/29/22	PERMIT FOR CONSTRUCTION	JS	JS

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JOB SITE LOCATION	112 MARSHBANKS ST LILLINGTON, NC 27546	ADDRESS	P.O. BOX 5231 SANFORD, NC 27331
CAD BY	ENGR BY	DATE	SCALE
JS	FR	8/29/22	N.T.S.
JOB NO.	PH	BLDG. DESC.	SHEET NO.
183791	(None)		D4 of 4
ISSUE			0



09/05/2022