

A325 BOLT TIGHTENING REQUIREMENTS:

All High strength bolts are A325-N Unless noted otherwise.
Structural bolts shall be tightened by the snug tight method in accordance with the 2014 edition AISC "Specification for Structural Joints" using ASTM A325 or A490 Bolts. When specifically required, A325-N bolts are Supplied without washer unless noted on the drawings as provided by MANUFACTURER.
All bolted connections unless noted are designed as bearing type connections with threads not excluded from the shear plane.

FLORIDA APPROVAL CODES

FPAC NO.	MANUFACTURER	DESCRIPTION
11819.5	MBCI PBR PANELS	ROOF PANELS
11917.5	MBCI PBR PANELS	SOFFIT PANELS
11819.6	MBCI PBU PANELS	WALL PANELS



LARIAT STEEL DESIGN
78 AIRPORT LANE ----- ADEL, GEORGIA 31620
PHONE:(229)896-2022 ----- FAX:(229)896-2033
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Gregory
S Barfield
Digitally signed by
Gregory S Barfield
Date: 2021.02.22
15:51:14 -05'00'

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ACCESSORIES

- (4) 4'-0" X 2'-6" FRAMED OPENINGS
- (3) 4'-0" X 2'-0" FRAMED OPENINGS
- (1) 6'-0" X 1'-0" FRAMED OPENINGS
- (1) 3'-0" X 1'-0" FRAMED OPENINGS
- (3) 6070 FRAMED OPENINGS FOR SLIDING GLASS(BY OTHERS)
- (1) 12'-0" X 7'-0" FRAMED OPENINGS FOR SLIDING GLASS(BY OTHERS)
- (1) 16'-0" X 8'-0" FRAMED OPENINGS
- (1) 3070 FRAMED OPENINGS
- (1) 4'-6" X 4'-8" FRAMED OPENINGS
- (1) 5'-0" X 5'-0" FRAMED OPENINGS
- (1) 10'-0" X 8'-0" FRAMED OPENINGS
- 36'-0" X 32'-0" MEZZANINE W/INTERIOR COLUMNS & FRAMED OPENING
- 2'-0" EAVE & PURLING EXTENSION W/ SOFFIT
- 3" ROOF INSULATION OVER GARAGE.



=REVISION-A JDH/DLB 01/21/21

REVISION-A = ADD 6'-0" X 16'-0" X 8'-2" LEAN TO AND CHANGE ENDWALL AND SIDEWALL FRAMED OPENING SIZES PER CUSTOMER MARKED UP DRAWINGS.
SEE PAGES:1,2,7,10,14,15,16,19,& 24 FOR REVISIONS.



=REVISION-B JDH/DLB 01/25/21

REVISION-B = CHANGED SILL HEIGHTS TO MATCH CUSTOMER MARK UPS. PAGE 23 SILL HEIGHT TO CHANGE TO 5'-0(+/-) PAGE 24 SILL HEIGHTS CHANGE TO 10'-0(+/-) AND 5'-0(+/-).
SEE PAGES: 23 & 24 FOR REVISIONS.



=REVISION-C MTR/DLB 01/27/21

REVISION-C =ADDED GARAGE & SHELTER TO ALL DRAWINGS

C.D.#: 21-100
DRAFTER: JDH
DATE: 1/11/21

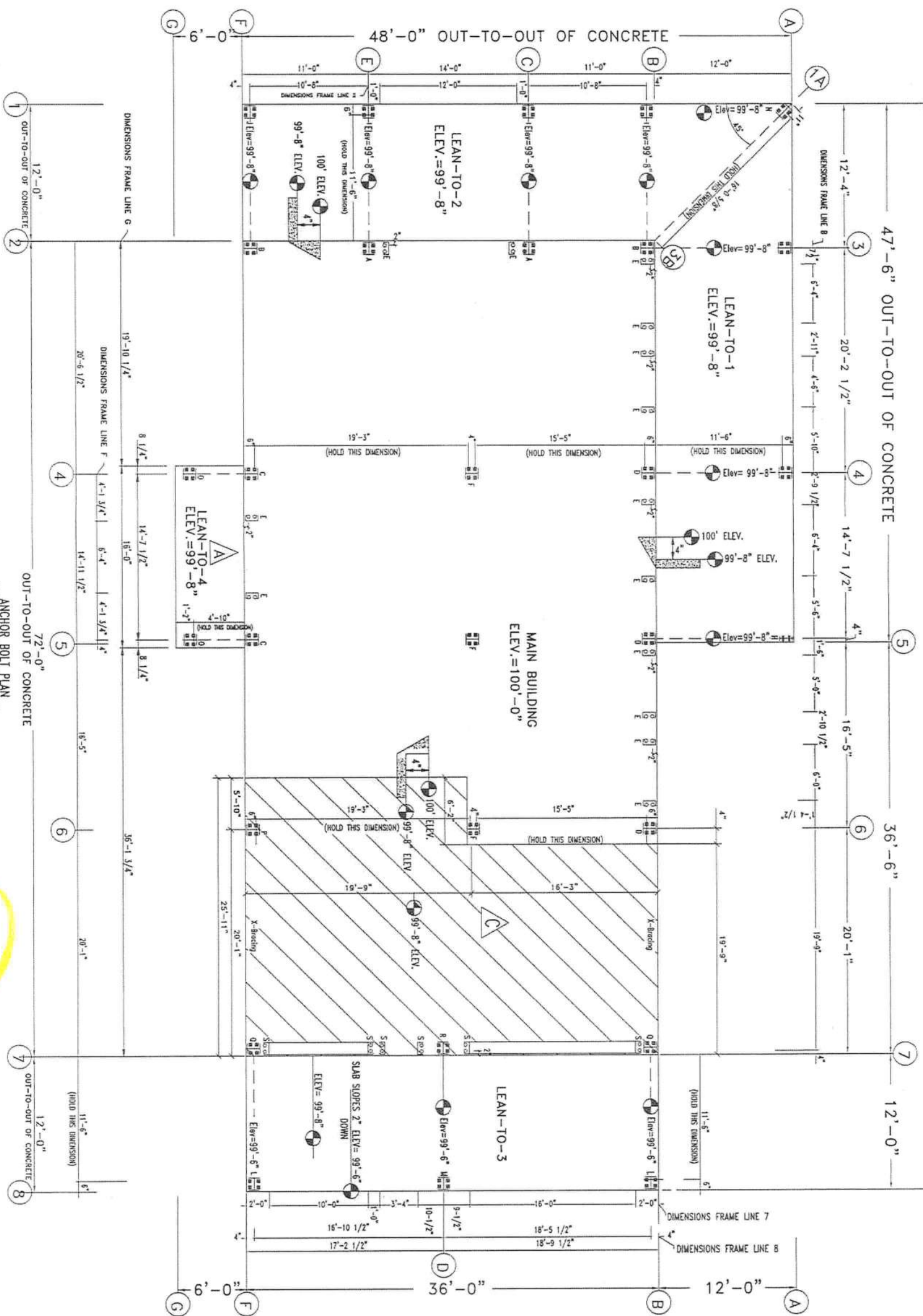
CUSTOMER: JANELLE BURNETT RESIDENCE
PROJECT NAME: PRJ

TITLE BLOCK

- 00-CVR - COVER PAGE
- 01- ANCHOR BOLT PLANS
- 02- ANCHOR BOLT DETAILS PAGE
- 03- ANCHOR BOLT REACTIONS PAGE
- 04- ANCHOR BOLT REACTIONS PAGE
- 05- ANCHOR BOLT REACTIONS PAGE
- 06- ANCHOR BOLT REACTIONS PAGE
- 07- ANCHOR BOLT REACTIONS PAGE
- 08- RIGID FRAME CROSS SECTION
- 09- RIGID FRAME CROSS SECTION
- 10- RIGID FRAME CROSS SECTION
- 11- RIGID FRAME CROSS SECTION
- 12- RIGID FRAME CROSS SECTION
- 13- RIGID FRAME CROSS SECTION
- 14- ROOF FRAMING PLAN
- 15- ROOF SHEETING PLAN
- 16- SOFFIT SHEETING PLAN
- 17- MEZZANINE FLOOR FRAMING PLAN
- 18- MEZZANINE FLOOR JOIST PLAN
- 19- LEV-FL-2
- 20- REW-FL-7
- 21- ENDWALL-FL-5
- 22- SIDEWALL-FL-1
- 23- BSW-FL-B
- 24- FSW-FL-F
- 25- SIDEWALL-FL-A
- 26- SIDEWALL-FL-8
- 27- ROOF INSULATION PAGE
- 28- DETAILS PAGE
- 29- DETAILS PAGE
- 30- DETAILS PAGE



96'-0" OUT-TO-OUT OF STEEL



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2-22-21

ANCHOR BOLT SUMMARY					
Qty	Locate	Dia (in)	Type	Total Len (in)	Prod (in)
40	Jamb	1/2"	A307	3.75	3.50
88	Endwall	3/4"	A307	3.50	2.50
88	Frame	3/4"	A307	3.50	2.50
88	METZ COLUMN	3/4"	A307	3.50	2.50

LARIAT

METAL BUILDINGS

LARIAT STEEL DESIGN

7th AIRPORT LANE ~ ADEL, GEORGIA 31620

TEL: (229) 386-7000

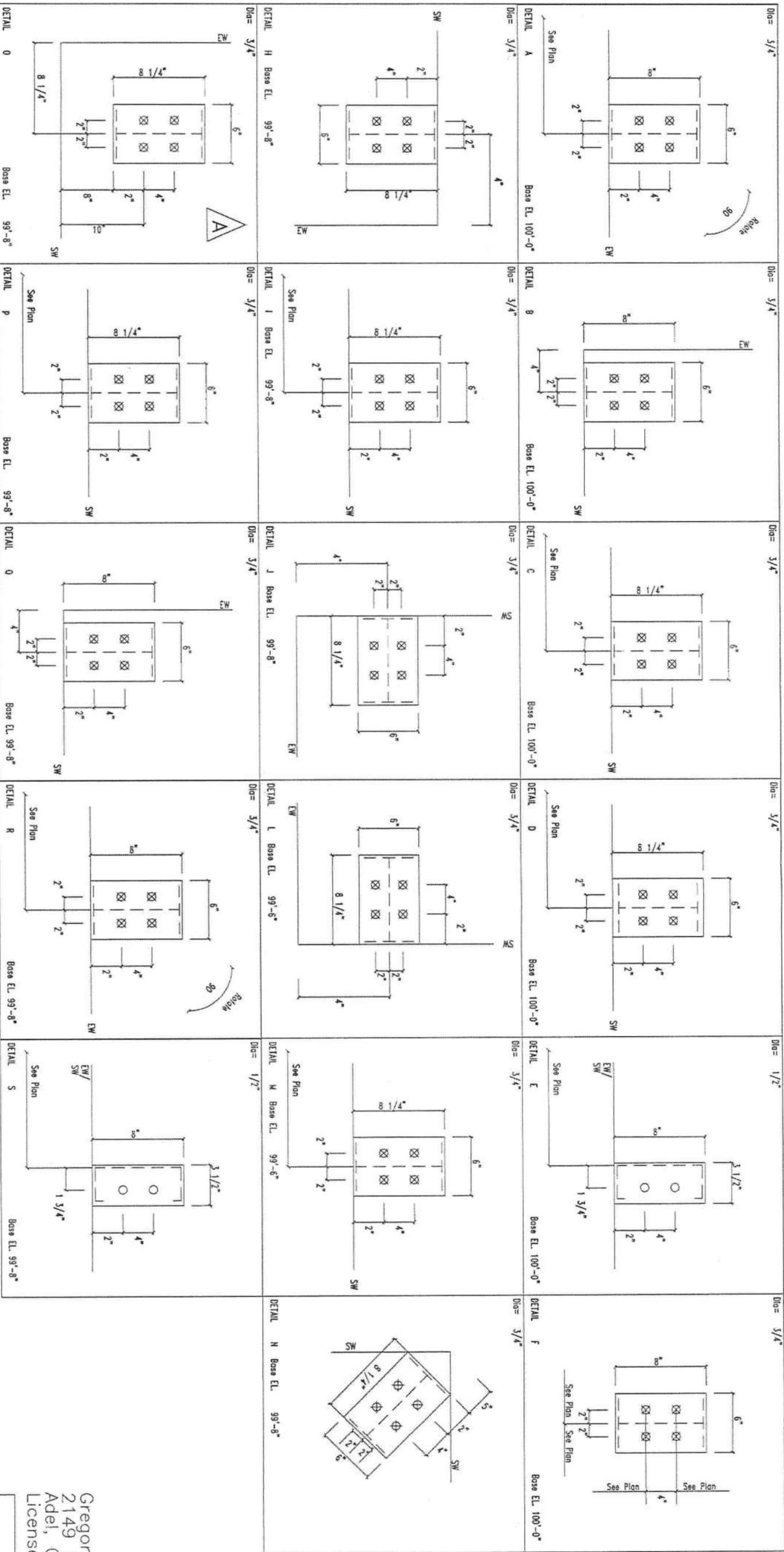
FAX: (229) 386-7000

EMAIL: info@lariatsteel.com ~ info@lariat.com

REVISION		DATE		BY	
A	ADDED LEAN-TO - SEE COVER PAGE FOR MORE DETAILS	01/12/21	JDH		
B	SILL HEIGHTS CHANGED - SEE COVER PAGE FOR MORE DETAILS	01/28/21	JDH		
C	ADDED GARAGE ELEVATIONS & SHELLER TO DRAWINGS	01/27/21	MJR		
D					
E					
F					
G					

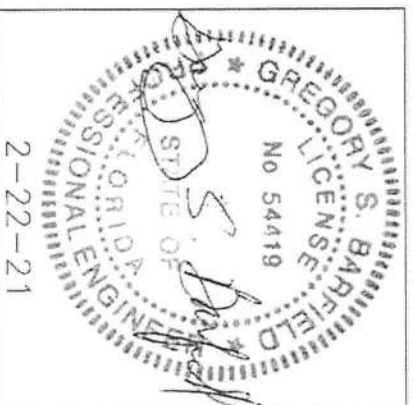
DESIGN CRITERIA		BUILDING CODE		FLOOR	
LIVE LOAD	20.0	PSF	PSF		
WIND LOAD	15.0	PSF	PSF		
WIND EXPOSURE	C				
WIND IMPORTANCE FACTOR	1.00				
WIND CATEGORY (SEISMIC USE GROUP)	B				

JOB NAME:	Janelle Burnett Residence	ID:	21-100
JOB LOCATION:	Lake City, FL 32024		
DATE:	1/12/21	SCALE:	N.T.S.
DRAWING TITLE:	ANCHOR BOLT PLAN		



GENERAL NOTES

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REVISIONS			
A	ADDED LEAN-TO - SEE COVER PAGE FOR MORE DETAILS	01/12/21	JDH
B	SILL HEIGHTS CHANGED - SEE COVER PAGE FOR MORE DETAILS	01/26/21	JDH
C	ADDED GARAGE ELEVATIONS & SHELLER TO DRAWINGS	01/27/21	MTR
D			
E			
F			
G			

DESIGN CRITERIA			
BUILDING CODE	FIG. 20		
LIVE LOAD	2000	PSF	
LIVE LOAD REDUCTION	NA		
COLLATERAL LOAD	0.5	PSF	
SNOW LOAD	0	PSF	
WIND LOAD (3 SECOND DUST)	119	MPH	
WIND IMPORTANCE FACTOR	1.00		
WIND EXPOSURE	C		
CATEGORY (USE ISM USE GROUP)	II		

JOB NAME:	Janelle Burnett Residence	ID:	21-100
JOB LOCATION:	Lake City, FL 32024		
DATE:	1/12/21	SCALE:	N.T.S.
DRAWING TITLE:	ANCHOR BOLT DETAILS	DRAWING:	2 OF 30



DESIGN CRITERIA		
BUILDING CODE	IBC 20	
LIVE LOAD	20.00	PSE
LIVE LOAD REDUCTION	Yes	
COLLATERAL LOAD	0.5	PSE
SNOW LOAD	0	PSE
WIND LOAD (3-SECOND GUST)	119	ASCE
WIND IMPORTANCE FACTOR	1.00	

JOB NAME:	Janelle Burnett Residence	ID:	21-100
JOB LOCATION:	Lake City, FL 32024		
DNR:	JDH	DATE:	1/12/21
		SCALE:	N.T.S.

	Wind Long1	Wind Long2	Seis Left Vert	Seis Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
Col	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind Long1
Line	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind Long1
8	-8.2	-7.1	0.0	0.1	0.9	-0.2	0.0	0.0	-0.3
2	-10.4	-7.6	0.0	-0.1	3.5	0.0	1.8	0.0	1.9
2	-8.4	-9.7	-0.1	0.0	1.8	0.0	3.5	0.0	1.9
F	-7.8	-7.4	0.1	0.0	-0.2	0.0	0.9	1.2	-0.3
Col	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
Line	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
8	-8.2	-7.1	0.0	0.1	0.9	-0.2	0.0	0.0	-0.3
2	-10.4	-7.6	0.0	-0.1	3.5	0.0	1.8	0.0	1.9
2	-8.4	-9.7	-0.1	0.0	1.8	0.0	3.5	0.0	1.9
F	-7.8	-7.4	0.1	0.0	-0.2	0.0	0.9	1.2	-0.3
Col	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
Line	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
8	-8.2	-7.1	0.0	0.1	0.9	-0.2	0.0	0.0	-0.3
2	-10.4	-7.6	0.0	-0.1	3.5	0.0	1.8	0.0	1.9
2	-8.4	-9.7	-0.1	0.0	1.8	0.0	3.5	0.0	1.9
F	-7.8	-7.4	0.1	0.0	-0.2	0.0	0.9	1.2	-0.3
Col	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
Line	Long1	Long2	Left Vert	Right Vert	ETPAL IL-1- Horz Vert	ETPAL IL-2- Horz Vert	ETPAL IL-3- Horz Vert	ETPAL IL-4- Horz Vert	Wind
8	-8.2	-7.1	0.0	0.1	0.9	-0.2	0.0	0.0	-0.3
2	-10.4	-7.6	0.0	-0.1	3.5	0.0	1.8	0.0	1.9
2	-8.4	-9.7	-0.1	0.0	1.8	0.0	3.5	0.0	1.9
F	-7.8	-7.4	0.1	0.0	-0.2	0.0	0.9	1.2	-0.3

[illegible]

RIGID FRAME:		BASIC COLUMN REACTIONS (k)											
Frame	Column	---Dead---		---Colored---		---Live---		---Floor---		---Wind, Left---		---Wind, Right---	
4°	Horiz	0.1	2.4	0.0	0.5	0.4	7.9	0.1	4.2	Horiz	Ver	Horiz	Ver
4°	B	-0.1	2.4	0.0	0.5	-0.4	7.9	0.1	4.2	Ver	Horiz	Ver	Horiz
4°	F	0.1	2.3	0.0	0.2	0.5	5.3	-0.1	-5.1	-4.2	-11.9	-5.6	4.0
Frame	Column	---Wind, Left---		---Wind, Right---		---Wind, Long1---		---Wind, Long2---		---Seismic, Left---		---Seismic, Right---	
4°	Horiz	-1.6	7.6	3.5	2.4	Horiz	Ver	Horiz	Ver	Horiz	Ver	Horiz	Ver
4°	B	-1.6	7.6	3.5	2.4	-12.4	-12.1	-12.1	-12.1	-0.1	-0.1	0.1	0.1
4°	F	-3.5	-1.6	4.4	-3.6	0.3	-10.2	-1.0	-10.5	-0.1	0.1	-0.1	-0.1
Frame	Column	---Seismic, Long---											
4°	Horiz	0.0	-0.2										
4°	B	0.0	-0.2										
4°	F	0.0	-0.2										

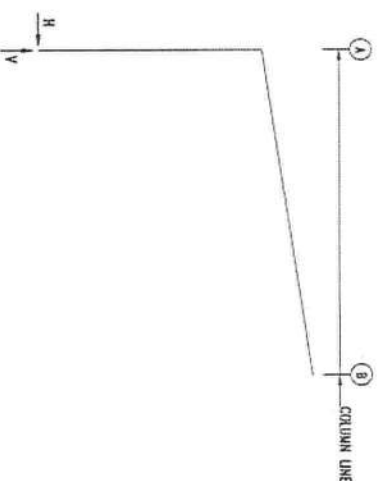
BUILDING BRACING REACTIONS

—Wall—		—Col—		± Radically		Schematic		Panel Shear	
Loc	Line	Loc	Line	Wind	Vert	Wind	Vert	(lb/in)	Shls
LEW	2							187	25
F-SW	6.7			3.6	2.2	0.2	0.1	430	63
R-EM	7								
F-SW	8	7.6		3.6	2.2	0.2	0.1		

FLOOR BRACING REACTIONS												
Orient	Offset	Location		Reaction (k)		Arc-Bolt Dia	Box Profile Width	Box Profile Length	Thick	Grout (in)		
		Start	End	Horizontal	Vert							
Long	W	W	W	W	W							
5	015.1	2	5.4	0.8	0.0	4.5	4	0.750	6,000	8,000	0.500	0.0
4	016.1	2	4.8	0.7	0.0	4.1	4	0.750	6,000	8,000	0.500	0.0
5	016.1	2	9.7	1.3	0.0	8.3	4	0.750	6,000	8,000	0.500	0.0
5	015.1	2	5.4	0.8	0.0	4.5	4	0.750	6,000	8,000	0.500	0.0

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RIGID FRAME:														
MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES														
Frm Line	Col Line	Column Reaction (k)					Beam		Bolt (n)		Base Plate (n)		Coul (n)	
		Load Id	Hmax H	Vmax V	Load Id	Hmax H	Vmax V	Qty	Dia	Width	Length	Thick		
1*	A	4	0.8	-1.4	2	-0.7	-1.6	4	0.750	6.000	8.250	0.500	-4.0	
		1	-0.1	4.1		0.7	-2.5							
Frame Rest:		1	3	4	5									

RIGID FRAME:		BASIC COLUMN RELATIONS (%)											
Frame	Column	---Deed---		---Colend---		---Lve---		---Wind_Left1---		---Wind_Slight---		---Wind_Left2---	
Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	A	0.0	0.5	0.0	0.1	-0.1	3.5	-0.4	-4.5	1.0	-2.7	-1.1	-3.1
Frame	Column	---Wind_Right2---		---Wind_Long1---		---Wind_Long2---							
Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert						
1*	A	-1.3	0.3	-1.3	1.2	-4.7	1.3	-2.8					
Frame lists:		1 3 4 5											

		BASIC COLUMN REACTIONS (x)	
ENDWALL	COLUMN:		
Frm	Col	Wind	Wind
Lns	Dood	Pess	Sud
Us	Vetl	Horz	Horz
R	0.1	-0.6	0.7

[illegible]

BUILDING BRACING REACTIONS											
— Wall —		Col		± Reaction(s)				Panel, Shear (to/f)		Note	
Loc	Line	Line		Horz	Vert	Horz	Vert	Wind	Sails		
L _{EW}	1									{ n e o }	
F _{SW}	B										
R _{EW}	5										
B _{SW}	A										
										12	1

(a)Bracing loads must be applied to supporting building
(b) rigid frame of endwall

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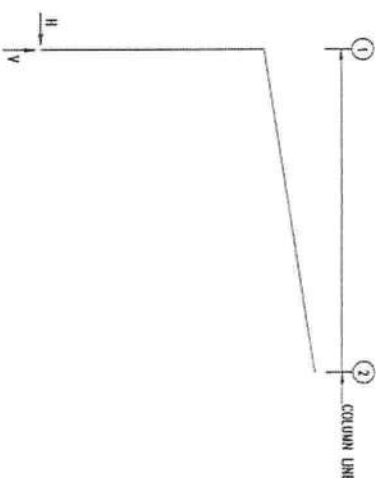
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NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pushing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:
- Width (ft) = 12.0
- Length (ft) = 36.0
- Eave Height (ft) = 8.2/ 10.0
- Roof Slope (rise/run) = 1.8
- Dead Load (psf) = 2.0
- Collateral Load (psf) = 0.5
- Live Load (psf) = 20.0
- Wind Speed (mph) = 119.0
- Wind Code = FBC 20 (IRC 18)
- Exposure = C
- Close/Open = C
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = B
- Seismic Coeff (for Ss) = 0.13

5. Loading conditions are:
1. Dead+Collateral+Live
 2. Dead+0.6Wind_LoatR
 3. Dead+Collateral+0.75Live+0.45Wind_LoatR
 4. 0.6Dead+0.6Wind_LoatL
 5. 0.6Dead+0.6Wind_LoatR
 6. 0.6Dead+0.6Wind_LoatR
 7. 0.6Dead+0.6Wind_Roof+0.6Wind_Section
 8. 0.6Dead+0.6Wind_Pressure+0.6Wind_LoatL
 9. Dead+0.6Wind_Roof+0.6Wind_Section

FRAME LINES: F E C B



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

Frame Line	Col Line	Load Id	Column Reactions (k)		Hmin	Hmax	Vmin	Vmax	Bolt (in)	Dia	Base Plate (in)	Width	Length	Thick	Grout (in)
			Id	Reactions (k)											
F	1	1	6	0.6	-3.4	3	-0.4	2.0	4	0.750	6.000	8.250	0.500		-4.0
F	1	1	1	-0.2	6.0	4	0.0	-3.7							

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Load Id	Dead		Collateral		Live		Wind Left		Wind Right		Wind Left		Wind Right	
			Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
F	1	1	0.0	0.7	0.0	0.1	-0.2	5.1	0.0	-7.0	0.3	-5.6	-0.5	-5.9		
F	1	1	0.4	-4.6	1.0	-6.4	1.0	-3.7								

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frame Line	Col Line	Load Id	Wind Press	Wind Suct	Wind Horz
F	2	2	0.1	-0.6	0.7

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

Frame Line	Col Line	Load Id	Column Reactions (k)		Hmin	Hmax	Vmin	Vmax	Bolt (in)	Dia	Base Plate (in)	Width	Length	Thick	Grout (in)
			Id	Reactions (k)											
F	2	7	0.4	0.1	8	-0.4	0.1	4	0.750	6.000	8.000	0.500			-4.0
F	2	9	0.4	0.1											

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions (k)		Panel Shear (lb/ft)	Note
			Wind	Seismic		
L	EW	F				(b)
R	SW	2				(b)
R	EW	B				(b)
R	SW	1				(b)

(a) Bracing loads must be applied to supporting building

(b) Rigid frame of endwall

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2-22-21



LARIAT STEEL DESIGN

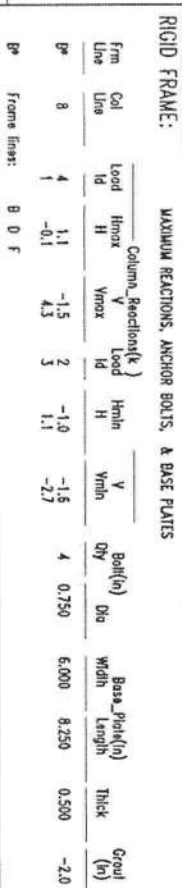
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EMAIL: lariatsteel@lariatsteel.com

Loc	Wall Line	Col Line	± Reactions (k)	Panel Shear (lb/ft)	Note
L	EW	F			(b)
R	SW	2			(b)
R	EW	B			(b)
R	SW	1			(b)

DESIGN CRITERIA

DESIGN CRITERIA	FRD 20	P-F
LIVE LOAD	20.0	P-F
LIVE LOAD REDUCTION	0.9	P-F
COLLATERAL LOAD	0.5	P-F
SNOW LOAD	0	P-F
WIND LOAD (D SEVERE GUST)	110	M-F
WIND IMPORTANCE FACTOR	1.00	
WIND EXPOSURE	C	
CATEGORY (SEISMIC USE GUIDELINE)	Refered	

JOB NAME:	Jonielle Burnett Residence	DR:	21-100
JOB LOCATION:	Lake City, FL 32024		
DATE:	1/12/21	SCALE:	N.T.S.
DRAWING TITLE:	ANCHOR BOLT REACTIONS	DRAWING:	5 OF 30



RIGID FRAME:		BASIC COLUMN REACTIONS (K)							
Frame	Column	-----Dors-----	-----Caudal-----	-----Lum-----	-----Wind_Lat1-----	-----Wind_Right1-----	-----Wind_Lat2-----		
Line	Line	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
8*	8	0.0	0.6	0.0	-0.1	-0.7	1.5	-1.7	-3.2
Frame	Column	-----Wind_Right2-----	-----Wind_Long1-----	-----Wind_Long2-----					
Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
8*	8	0.5	-1.4	1.9	-5.0	1.9	-3.0		
Frame lines:		8 0 F							
9*									

Firm	Col	Deed
Line	Line	Verf
8	7	0.0
F	7	0.0

BASIC COLUMN REACTIONS (k)

Wind	
Sucl	
Horz	
0.9	
0.9	

[illegible]

BUILDING BRACING REACTIONS										
Well		Col		± Reaction(k)				Panel Shear		Note
Loc	Line	Line		Wind	Sismic	(b/f)	Sats	Wind	Sats	
				Horz	Vert	Horz	Vert			
L_EW	B									(h)
R_SW	7									(b)
R_EW	F									(b)
B_SW	8							22	1	(h)

(a) Bracing loads must be applied to supporting building
(b) rigid frame or endwall

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	JOB NAME:	Rt
	Janelle Burnett Residence	21-100
	JOB LOCATION: Lake City, FL 32024	
DWR:	DATE:	SCALE:
JDH	1 / 12 / 21	N.T.S.
DRAWING TITLE:		DRAWING:
ANCHOR BOLT REACTIONS		6 OF 30

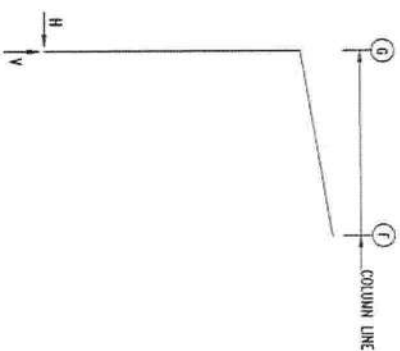
BUILDING BRACING REACTIONS

[illegible]

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



FRAME LINES: 5 4



RIGID FRAME:

MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Firm Line	Col Line	Column, Section (a)				Boil (in)		Base, σ_{flat} (in)	Thick	Gravel (in)			
		Load Id	Hmax H	Vmax V	Load Id	Hmin H	Vmin V				Boil (in)	Width	Length
5*	6	5	0.4	-0.6	3	-0.3	0.6	4	0.750	5.000	8.250	0.500	0.0
		1	-0.1	1.3	4	0.0	-0.8						

Frame lines: 5 4

RIGID FRAME:

BASIC COLUMN REACTIONS (K)

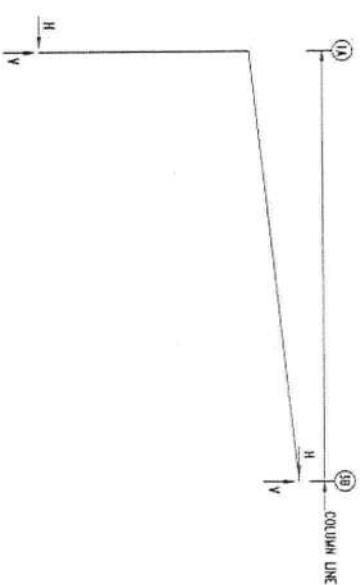
[illegible]

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the brace top. The vertical reaction is downwards.
4. Building reactions are based on the following building data:



FRAME UNITS: 1A



RIGID FRAME:

MAXIMUM REACTIONS

Frm Id	Col Line	Column, Row (cent)		Vert
		Horiz	Load Id	
2*	1A	1	-0.06	3.05
		2	-0.50	-1.06
		3	0.17	0.97
		4	0.40	-0.39
		5	0.05	2.13
2*	3B	1	-0.56	-0.43
		2	0.05	-1.52
		3	1.59	
2*		Frame line:	1A, 3B	

RIGID FRAME:

BASIC COLUMN REACTIONS (k)

[illegible]

2* From line: 1A JB

2 ^a Forma Int.	1A.39	2 ^a	2 ^a
1A	0.62	-3.59	0.66
2 ^a	1.77	-2.57	1.41
			-1.64
			-0.04
			0.00
			0.00
			0.00
			0.04
			0.00
			0.00

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2149 Nell Purvis Road
Adel, GA 31620
License # 54419

ADDED LEAN-TO SEE COVER PAGE FOR MORE DETAILS	01/21/21	JOH
---	----------	-----

DESIGN CRITERIA	
BUILDING CODE:	IBC 200
WIND LOAD:	50.00 PSF

JOB NAME	ID#
Janelle Burnett Residence	21-100

A.		
B.		
C.		
D.		
E.		
F.		
G.		

CATEGORY	ISISMIC USE GROUPS	I _e	II: Reduced
LIVE LOAD RATIO/BETWEEN COLLATERAL LOAD	VOL.	0.75	F-6T
SNOWLOAD		0	P-SF
WIND LOAD IN SECOND GUSTY		119	M-FH
WIND IMPORTANCE FACTOR		1.00	
WIND EXPOSURE			
CATEGORY ISEISMIC USE GROUPS		I _c	II: Reduced

JOB LEADIN		
Lake City FL 32024		
DATE	DATE	SCALE
JDH	1/13/21	N.T.S.
DRAWING TITLE		DRAWING
ANCHOR BOLT REACTIONS		7 OF

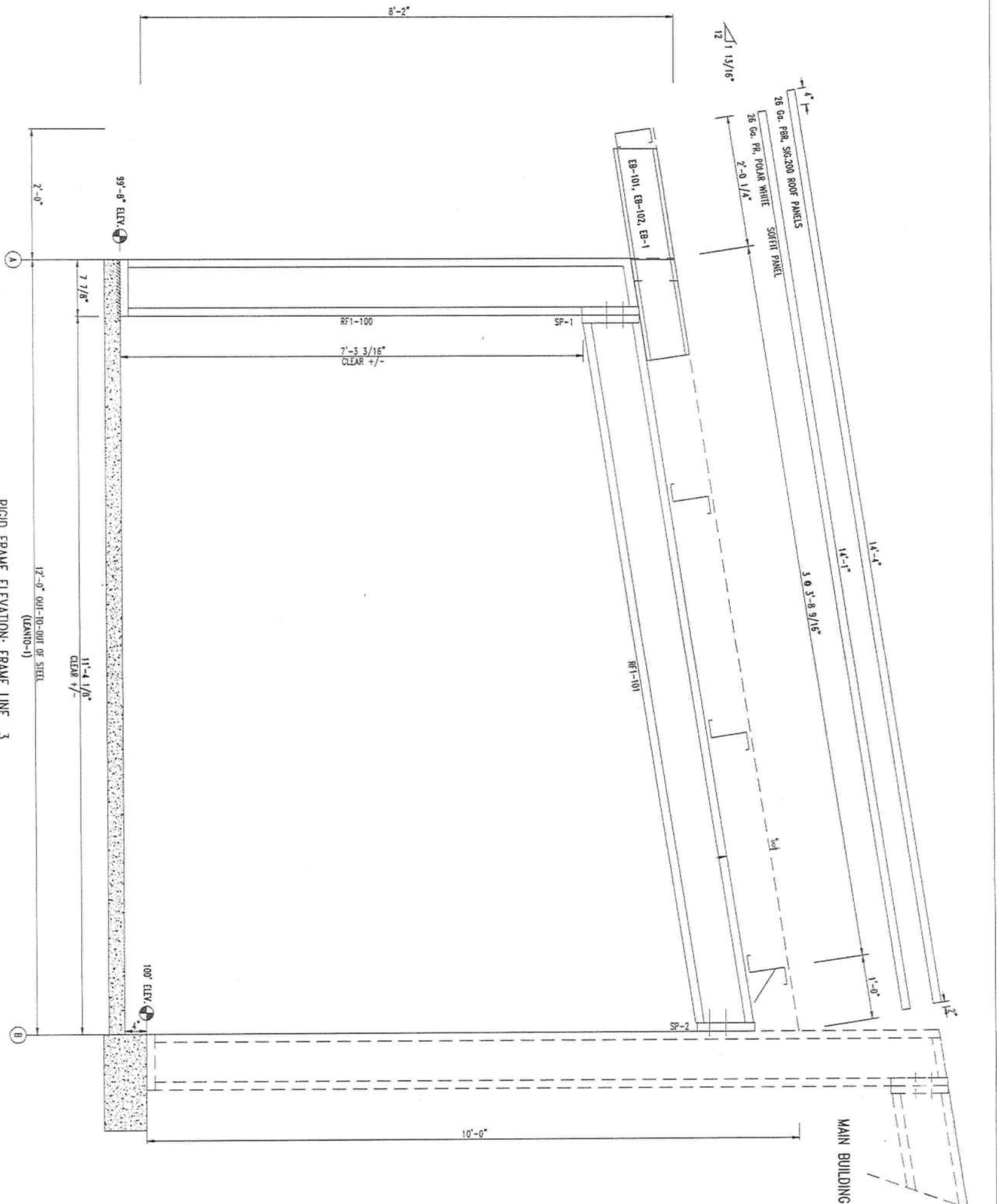


LARIAT STEEL DESIGN

TABLE I
 Parameters of the sigmoidal function

SPRUE BOLT TABLE						
Work	Qty	Bol	Int	Type	Dia	Length
SP-1	4	0	0	A325	0.750	2.50
SP-2	4	0	0	A325	0.750	2.50

MEMBER SIZE TABLE				
MARK	MEMBER	LENGTH	WEIGHT	
RF1-100	W8X10	7'-9 7/8"	94	
RF1-101	W8X10	11'-5 5/8"	135	
EB-103	W8X10	3'-7 1/2"	39	



RIGID FRAME ELEVATION: FRAME LINE 3

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License # 54419



2-22-21

DESIGN CRITERIA			
BUILDING CODE	FMG 20	PSF	
LIVE LOAD	2000	PSF	
WIND LOAD	0.5	PSF	
SNOW LOAD	0	PSF	
WIND LOAD (A SECOND GUST)	119	MPH	
WIND IMPORTANCE FACTOR	1.00		
CATEGORY (SEISMIC USE GROUP)	C		

JOE NAME:	Janelle Burnett Residence	21-100
JOB LOCATION:	Lake City, FL 32024	
DATE:	1/12/21	SCALE:
DRAWN BY:	JDH	N.T.S.
DRAWING TITLE:	RIGID FRAME ELEVATION	8 OF 30

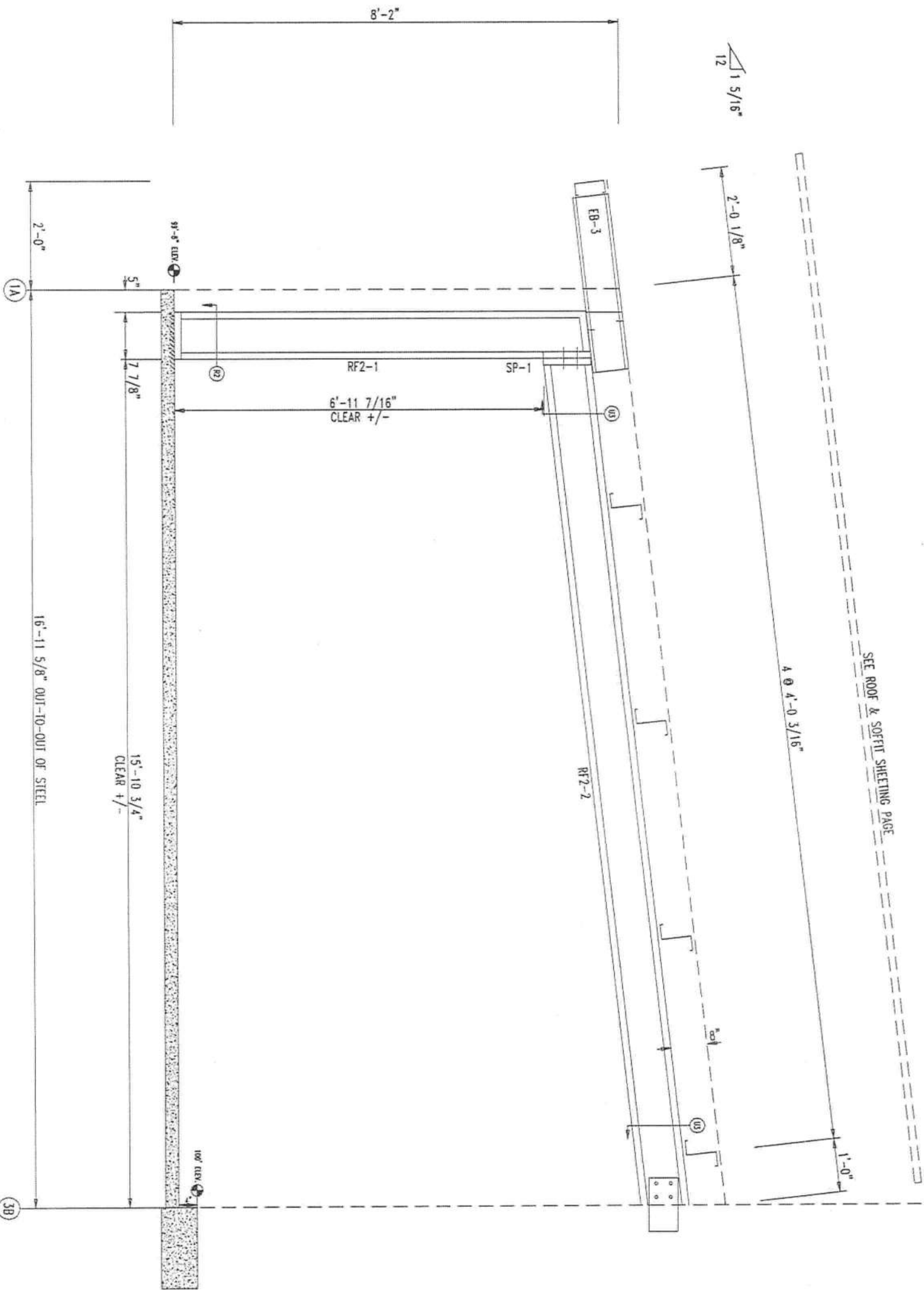


LARIAT STEEL DESIGN

710 AIRPORT LANE ~ ADEL, GEORGIA 31620
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FAX: (229) 936-2034
EMAIL: lsd@lariatsteel.com

SPURCE PLATE & BOLT TABLE						
Mark	Qty	Top	Bot	Int	Type	Dia
SP-1	4	0	0	0	A325	0.750
SP-2	4	0	0	0	A325	0.750
						2.25
						1.75
						6"
						3/8"
						9"

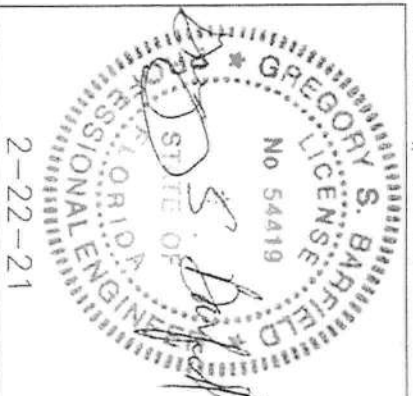
FLANGE BRACES: Both Sides(U.N.)
FBxxA(1): xx=length(in)
A - FB15X1/8



RIGID FRAME ELEVATION: FRAME LINE 1A,3B

MEMBER SIZE TABLE			
MARK	MEMBER	LENGTH	WEIGHT
RF2-1	WBX10	7'-6 1/2"	91
RF2-2	WBX10	15'-11 1/2"	181

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License # 54419



LARIAT

METAL BUILDINGS

LARIAT STEEL DESIGN

70 AIRPORT LANE ~ ADEL, GEORGIA 31620

PH: (229)400-2032

FAX: (229)400-2033

EMAIL: lariatsteel@yahoo.com

DESIGN CRITERIA

BUILDING CODE

FIG. 20

2016

PSF

LIVE LOAD

20

PSF

LIVE LOAD REDUCTION

Yes

COLLATERAL LOAD

0.5

PSF

SNOW LOAD

0

PSF

WIND LOAD (3 SECOND GUST)

119

MPH

WIND IMPORTANCE FACTOR

1.00

WIND EXPOSURE

C

CATEGORY (SEISMIC USE GROUP)

4

JOB NAME

Janelle Burnett Residence

ID

21-100

JOB LOCATION

Lake City, FL 32024

DATE

1/13/21

SCALE

N.T.S.

DRAWN BY

JDH

DATE

1/13/21

SCALE

N.T.S.

DRAWING TITLE

RIGID FRAME ELEVATION

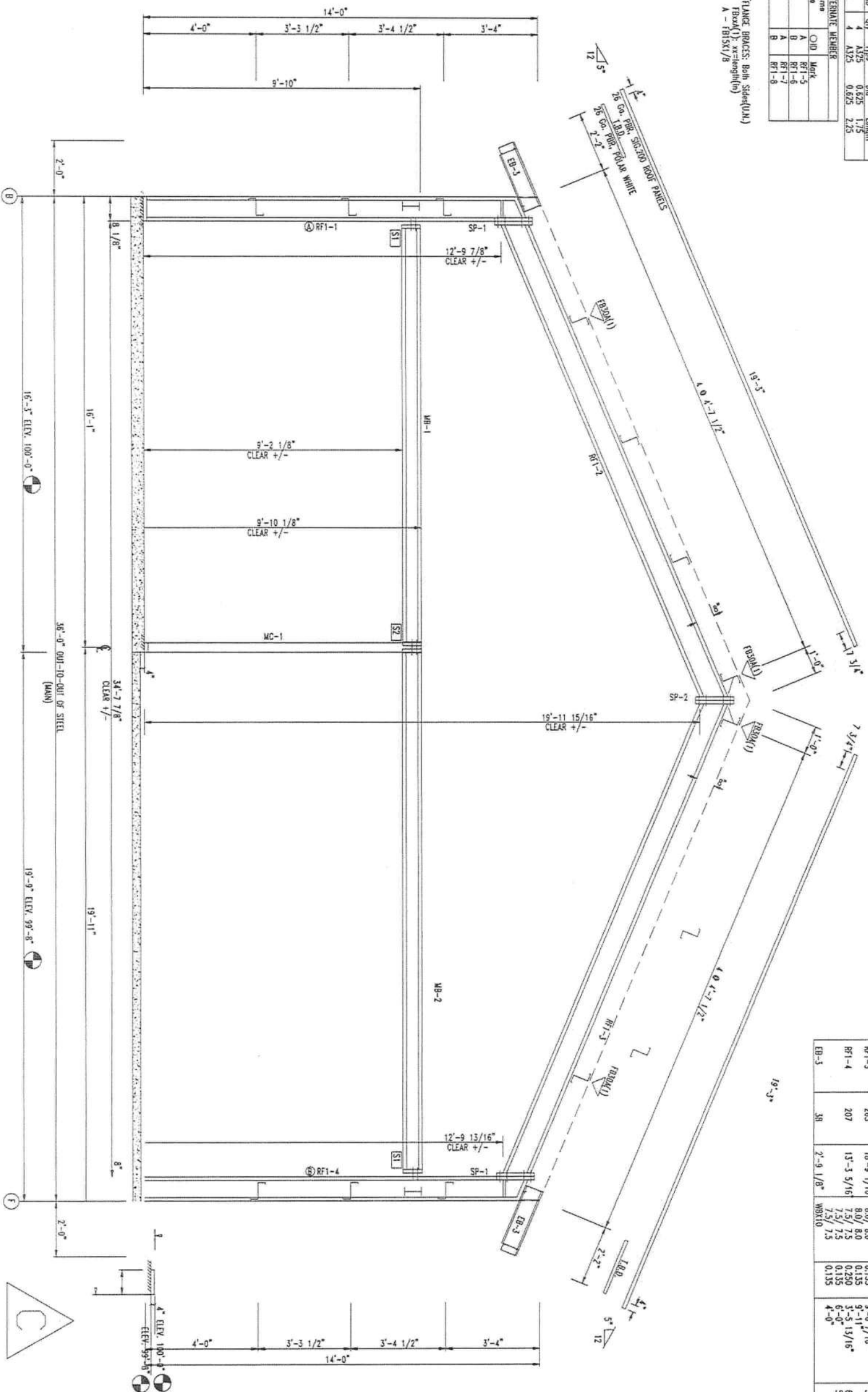
9 OF 30

SPURCE BOLT TABLE					
Mark	Qty	Bot	Int	Type	Dia
SP-1	4	4	0	A325	0.750
SP-2	4	4	0	A325	0.750
					1.75

SUPPORT BEAM BOLT TABLE			
ID	Qty	Type	Length
S1	4	A325	0.625
S2	4	A325	2.25

ALTERNATE MEMBER			
Frame	Line	OID	Mark
5	A	RF1-5	RF1-5
	B	RF1-6	RF1-6
	C	RF1-7	RF1-7
	D	RF1-8	RF1-8

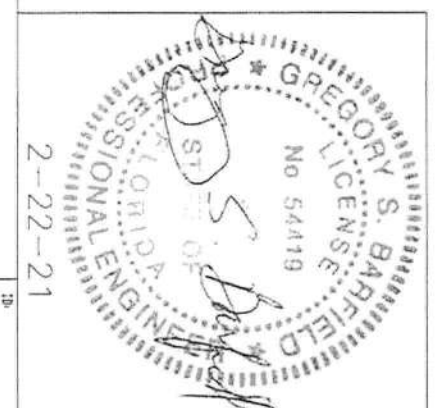
FLANGE BRACES: Both Sides (U.N.)
FBxx(A): xx=length(in)
A = FB15X1/8



RIGID FRAME ELEVATION: FRAME LINE 6

MEMBER TABLE			
Mark	Weight	Length	Web Depth
RF1-1	216	13'-3 3/8"	13 1/2"
RF1-2	263	18'-8 15/16"	8 0/8"
RF1-3	263	18'-9 1/16"	8 0/8"
RF1-4	207	13'-3 5/16"	7 5/7 5/5
EB-3	38	2'-9 1/8"	WBX10

BEAM TABLE			
Mark	Port	Length	
MC-1	WBX10	10'-0 1/2"	
MB-1	WBX10	15'-4 5/8"	
MB-2	WBX15	19'-2 7/8"	



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2-22-21



LARIAT STEEL DESIGN

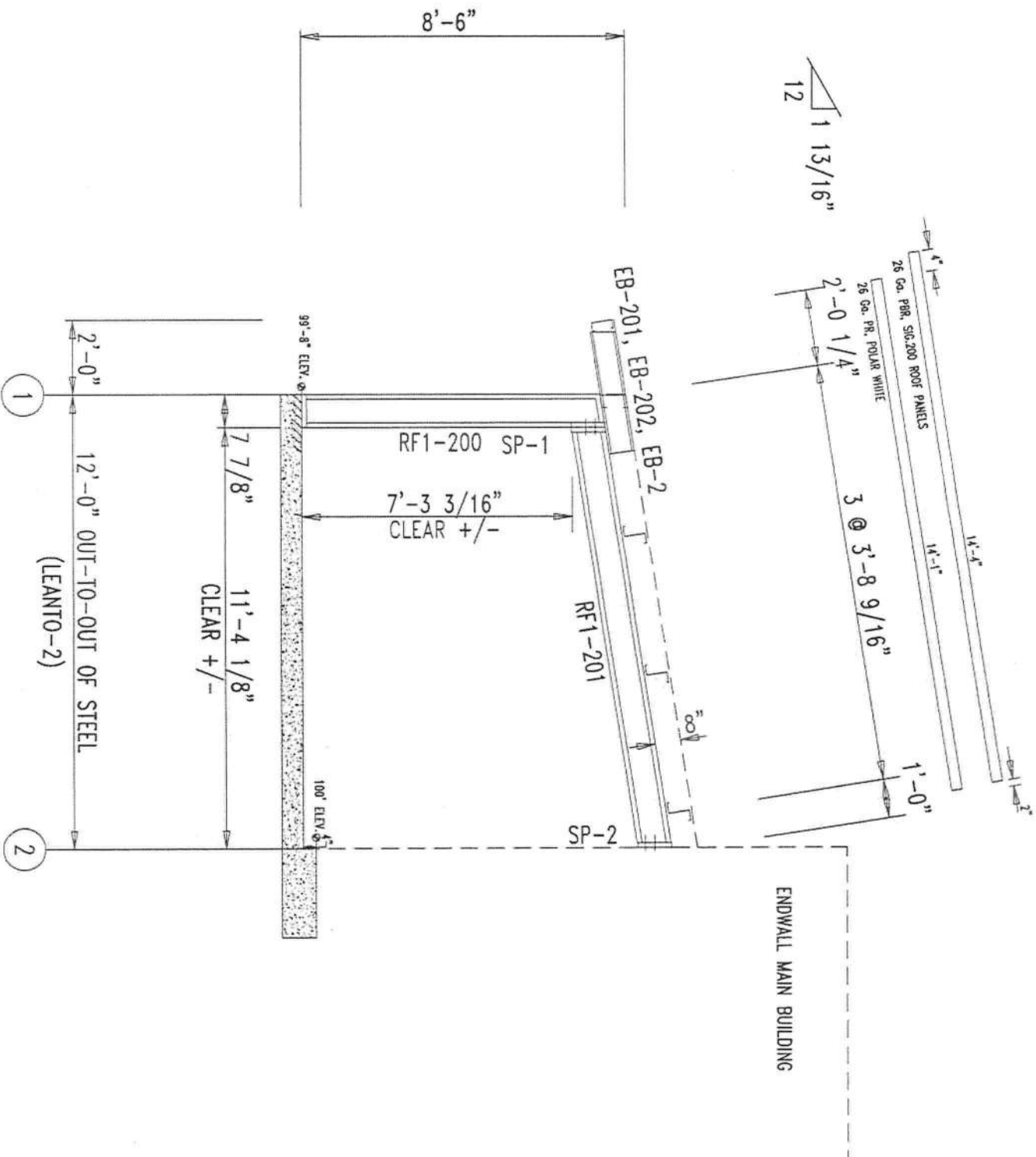
20 MINOR LANE - ADEL, GEORGIA 31620
PH: (229) 966-8822
FAX: (229) 966-2633
EMAIL: larssteel@lariatsteel.com

DESIGN CRITERIA			
A. ADD'D LEAN-TO - SEE COVER PAGE FOR MORE DETAILS	01/21/21	JDH	
B. SILL HEIGHTS CHANGED - SEE COVER PAGE FOR MORE DETAILS	01/25/21	JDH	
C. ADDED GARAGE ELEVATIONS & SHELTER TO DRAWINGS	01/27/21	MTR	
D.			
E.			
F.			
G.			

JOB NAME			
Janelle Burnett Residence	21-100		
JOB LOCATION	Loke City, FL 32024		
DATE	1/12/21	SCALE	N.T.S.
DRAWING TITLE	RIGID FRAME ELEVATION		
			11 OF 30

SPURCE BOLT TABLE							
Work	Qty	Top	Bol	Int	Type	Dia	Length
SP-1	4	0	0	0	A325	0.750	2.25
SP-2	4	0	0	0	A325	0.750	1.75

MEMBER SIZE TABLE			
MARK	MEMBER	LENGTH	WEIGHT
RF1-200	WBX10	7'-9 7/8"	94
RF1-201	WBX10	11'-5 5/16"	137
EB-203	WBX10	3'-7 1/2"	42



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License # 54419



DESIGN CRITERIA			
BUILDING CODE	FIG. 201	PSF	
LIVE LOAD	100	PSF	
WIND LOAD REDUCTION	1.0		
COLLATERAL LOAD	0.5	PSF	
SNOW LOAD	0	PSF	
WIND LOAD (1 SECOND DURS)	110	MPH	
WIND IMPORTANCE FACTOR	1.00		
WIND EXPOSURE	C		
CATEGORY (SEISMIC USE GROUP)	II		

JOB NAME:	Janelle Burnett Residence	ID:	21-100
JOB LOCATION:	Lake City, FL 32024	SCALE:	N.T.S.
DATE:	1/12/21	DRAWING:	12 OF 30



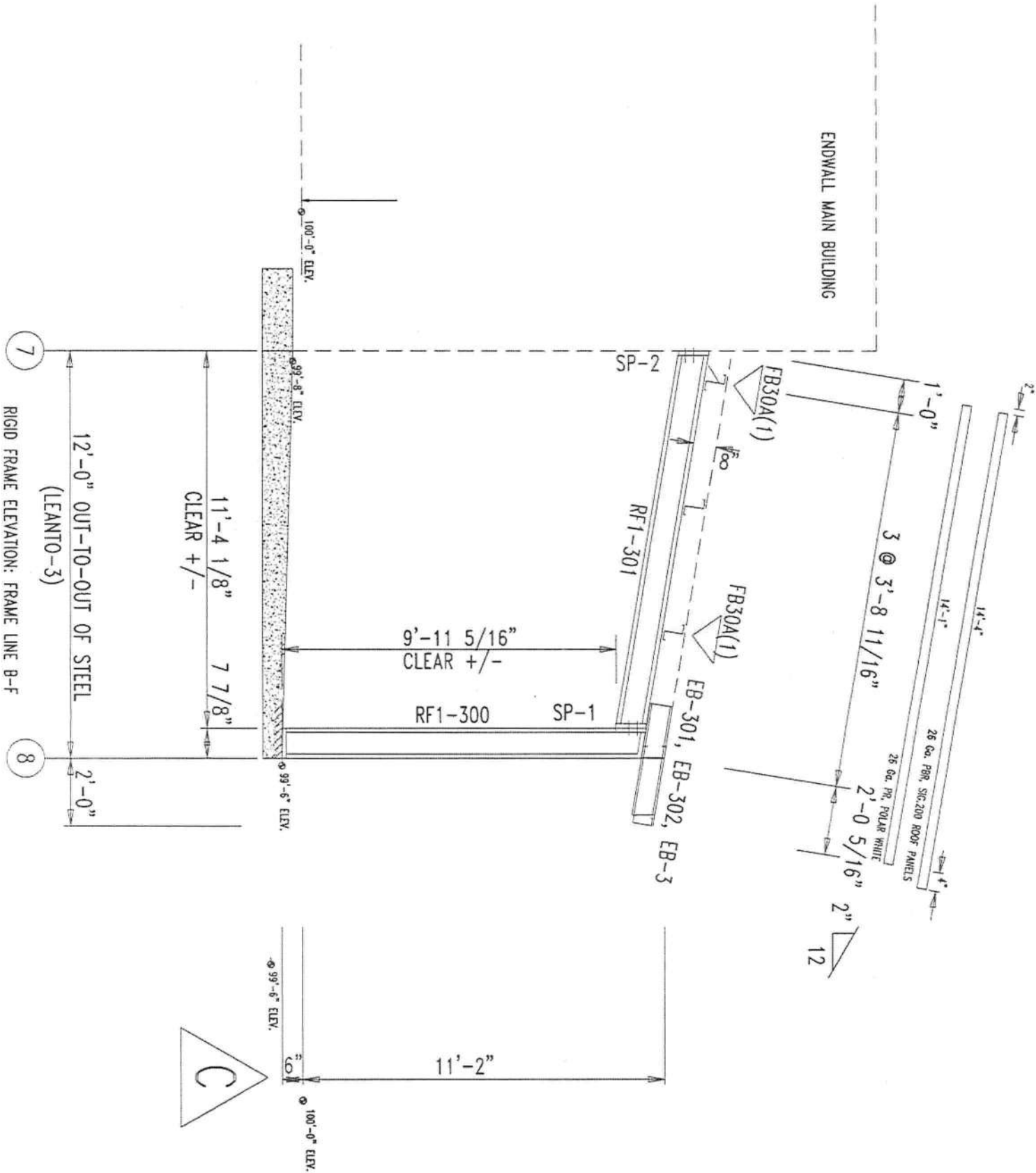
LARIAT STEEL DESIGN

70 AIRPORT LANE, ADEL, GEORGIA 31620
PH: (229) 486-2622
FAX: (229) 486-2033
EMAIL: lariatsteel@gsigmail.com

SPURCE BOLT TABLE					
Work	Qty	Bol	ht	Type	Org
SP-1	4	0	0	A325	0.750
SP-2	4	0	0	A325	0.750

FLANGE BRACES: Both Sides(U.N.)
FB30A(1): xx=length(in)
A - FB15X1/8

MEMBER SIZE TABLE				
MARK	MEMBER	LENGTH	WEIGHT	
RF1-300	W8X10	10'-5 7/8"	121	
RF1-301	W8X10	11'-5 5/8"	138	
EB-303	W8X10	3'-7 11/16"	42	



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License # 54419



REVISION

NO.	DESCRIPTION	DATE	BY
1	ADDED GARAGE ELEVATIONS & SHEET TO DRAWINGS	01/2/21	MJR

DESIGN CRITERIA

BUILDING CODE	IBC 2018	PSF
LIVE LOAD	2000	PSF
WIND LOAD REDUCTION	Yes	
COLLATERAL LOAD	0.6	PSF
SNOW LOAD	0	PSF
WIND LOAD (2 SECOND GUST)	119	MPH
WIND IMPORTANCE FACTOR	1.00	
WIND EXPOSURE	C	
CATEGORY (SEISMIC USE GROUP)	4	

JOB NAME: Janelle Burnett Residence
JOB LOCATION: Lake City, FL 32024
DATE: 1/12/21
SCALE: N.T.S.
DRAWING TITLE: RIGID FRAME ELEVATION
13 OF 30



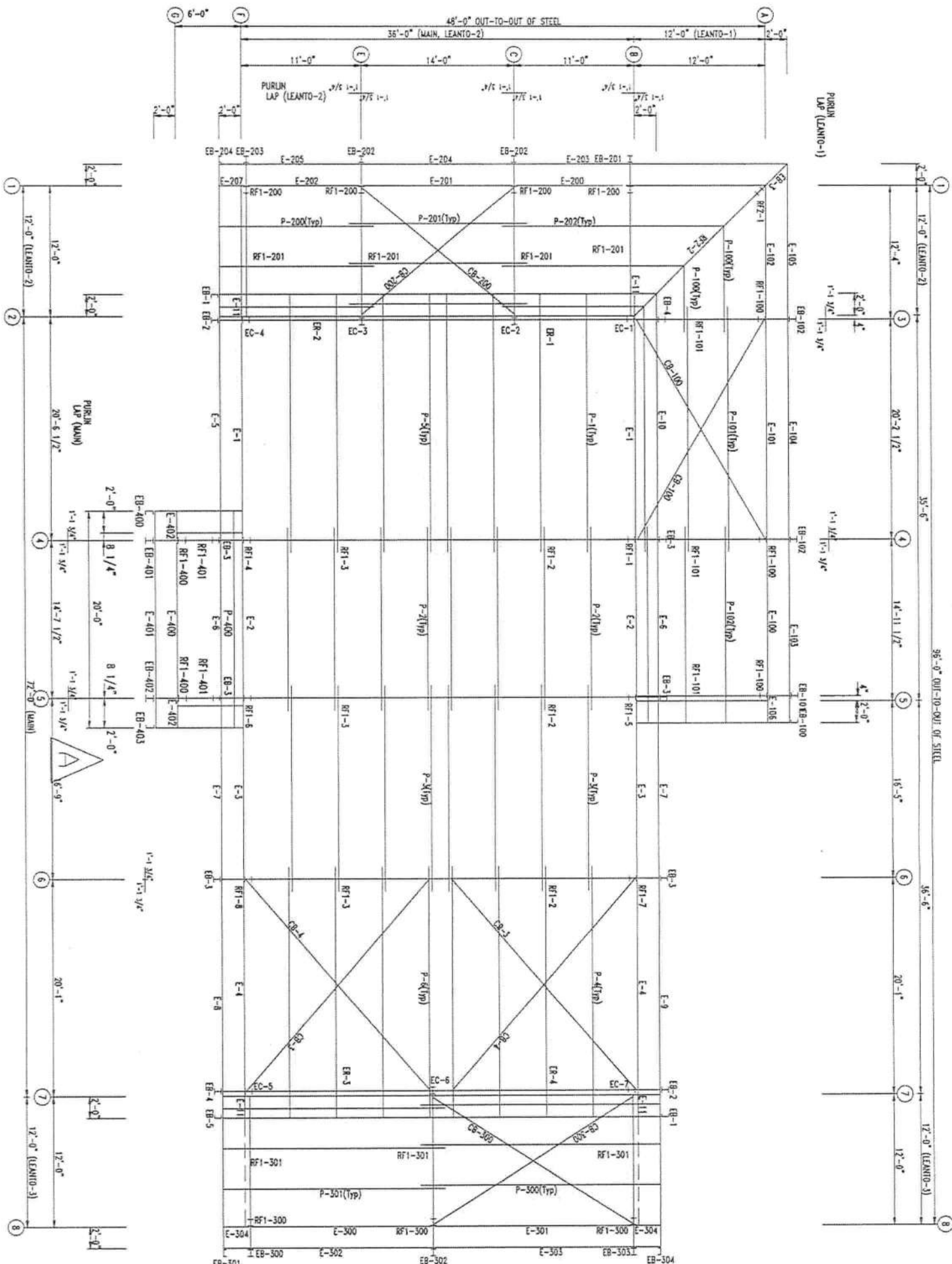
LARIAT STEEL DESIGN

78 AIRPORT LANE ~ ADEL, GEORGIA 31620
PH: (229)396-3022
FAX: (229)396-3030
EMAIL: info@lariatsteel.com



LARIAT STEEL DESIGN

78 VINTAGE LANE ~ ADEL, GEORGIA 31620
PH: 478.986.2052
FAX: 478.986.2053
EMAIL: lsd@lariatsteel.com



ROOF FRAMING PLAN

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Adel, GA 31620
License # 54419

2-22-21



ANGLE TABLE			
ROOF PLAN	MARK	LENGTH	DETAIL
1	14x2	20'-0"	ANGL 6

EXTENSION/CANOPY BOLTS			
MARK	QUAN	TYPE	LENGTH
EB-2	4	A325	3'-4"
EB-3	4	A325	3'-4"
EB-4	4	A325	3'-4"
EB-101	4	A325	3'-4"
EB-102	4	A325	3'-4"
EB-103	4	A325	3'-4"
EB-201	4	A325	3'-4"
EB-202	4	A325	3'-4"
EB-203	4	A325	3'-4"
EB-301	4	A325	3'-4"
EB-302	4	A325	3'-4"
EB-303	4	A325	3'-4"

WEDGER TABLE			
MARK	PART	LENGTH	
EB-1	WBX10	6'-5 13/16"	
EB-2	WBX10	2'-9 1/8"	
EB-3	WBX10	2'-9 1/8"	
EB-4	WBX10	6'-5 13/16"	
EB-5	WBX10	23'-8"	
P-1	8X25216	16'-11"	
P-2	8X25216	19'-0 1/2"	
P-3	8X25216	23'-2 1/2"	
P-4	8X25216	23'-2 1/2"	
P-5	8X25216	23'-2 1/2"	
P-6	8X25216	23'-2 1/2"	
E-1	E085342L	14'-1"	
E-2	E085342L	14'-1"	
E-3	E085342L	14'-1"	
E-4	E085342L	14'-1"	
E-5	E085342L	14'-1"	
E-6	E085342L	14'-1"	
E-7	E085342L	14'-1"	
E-8	E085342L	14'-1"	
E-9	E085342L	14'-1"	
E-10	E085342L	14'-1"	
E-11	E085342L	14'-1"	
CB-3	1/4" CAB	26'-6 1/2"	
CB-4	1/4" CAB	26'-6 1/2"	

LEANTO-1			
MARK	PART	LENGTH	
EB-100	WBX10	3'-3 1/16"	
EB-101	WBX10	3'-7 1/2"	
EB-102	WBX10	3'-7 1/2"	
EB-103	WBX10	3'-7 1/2"	
EB-104	8X25216	5'-3 1/16"	
P-100	8X25216	5'-3 1/16"	
P-101	8X25216	22'-6"	
P-102	8X25216	18'-1"	
E-100	E085342L	14'-1"	
E-101	E085342L	14'-1"	
E-102	E085342L	14'-1"	
E-103	E085342L	14'-1"	
E-104	E085342L	14'-1"	
E-105	E085342L	14'-1"	
E-106	E085342L	14'-1"	
E-107	E085342L	14'-1"	
E-108	E085342L	14'-1"	
CB-100	1/4" CAB	23'-1 1/4"	
CB-101	1/4" CAB	23'-1 1/4"	

LEANTO-2			
MARK	PART	LENGTH	
EB-200	WBX10	5'-3 1/16"	
EB-201	WBX10	3'-7 1/2"	
EB-202	WBX10	3'-7 1/2"	
EB-203	WBX10	3'-7 1/2"	
EB-204	8X25216	5'-3 1/16"	
P-200	8X25216	14'-1 1/2"	
P-201	8X25216	16'-3 1/2"	
P-202	8X25216	12'-1 1/2"	
E-200	E085342L	9'-3 1/2"	
E-201	E085342L	13'-5 1/2"	
E-202	E085342L	10'-1 1/2"	
E-203	8X25216	10'-8 1/2"	
E-204	8X25216	13'-5 1/2"	
E-205	8X25216	12'-8 1/2"	
E-206	E085342L	10 1/2"	
E-207	E085342L	2'-0 1/2"	
CB-200	1/4" CAB	17'-9 1/4"	
CB-201	1/4" CAB	17'-9 1/4"	

LEANTO-3			
MARK	PART	LENGTH	
EB-300	8X25216	5'-3 5/16"	
EB-301	WBX10	3'-7 1/16"	
EB-302	WBX10	3'-7 1/16"	
EB-303	WBX10	3'-7 1/16"	
EB-304	8X25216	5'-3 5/16"	
P-300	8X25216	20'-4"	
P-301	E085342L	16'-4"	
E-300	E085342L	17'-11"	
E-301	8X25216	18'-11"	
E-302	8X25216	20'-6 1/2"	
E-303	E085342L	2'-0 1/2"	
E-304	E085342L	21'-5 3/4"	
CB-300	1/4" CAB	21'-5 3/4"	

JOB NAME: Jonelle Burnett Residence

ID: 21-100

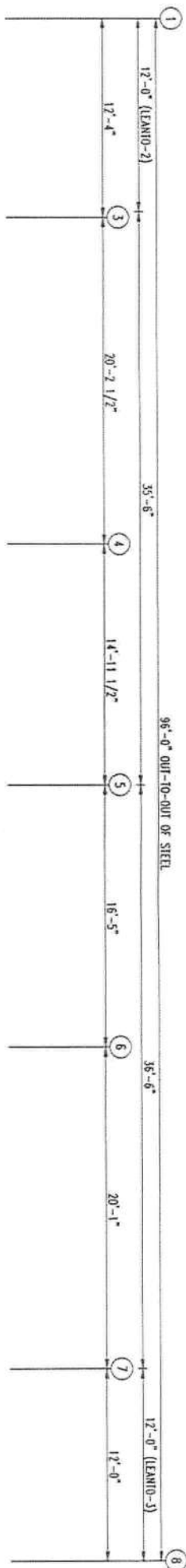
JOB LOCATION: Lake City, FL 32024

DATE: 1/12/21

SCALE: N.T.S.

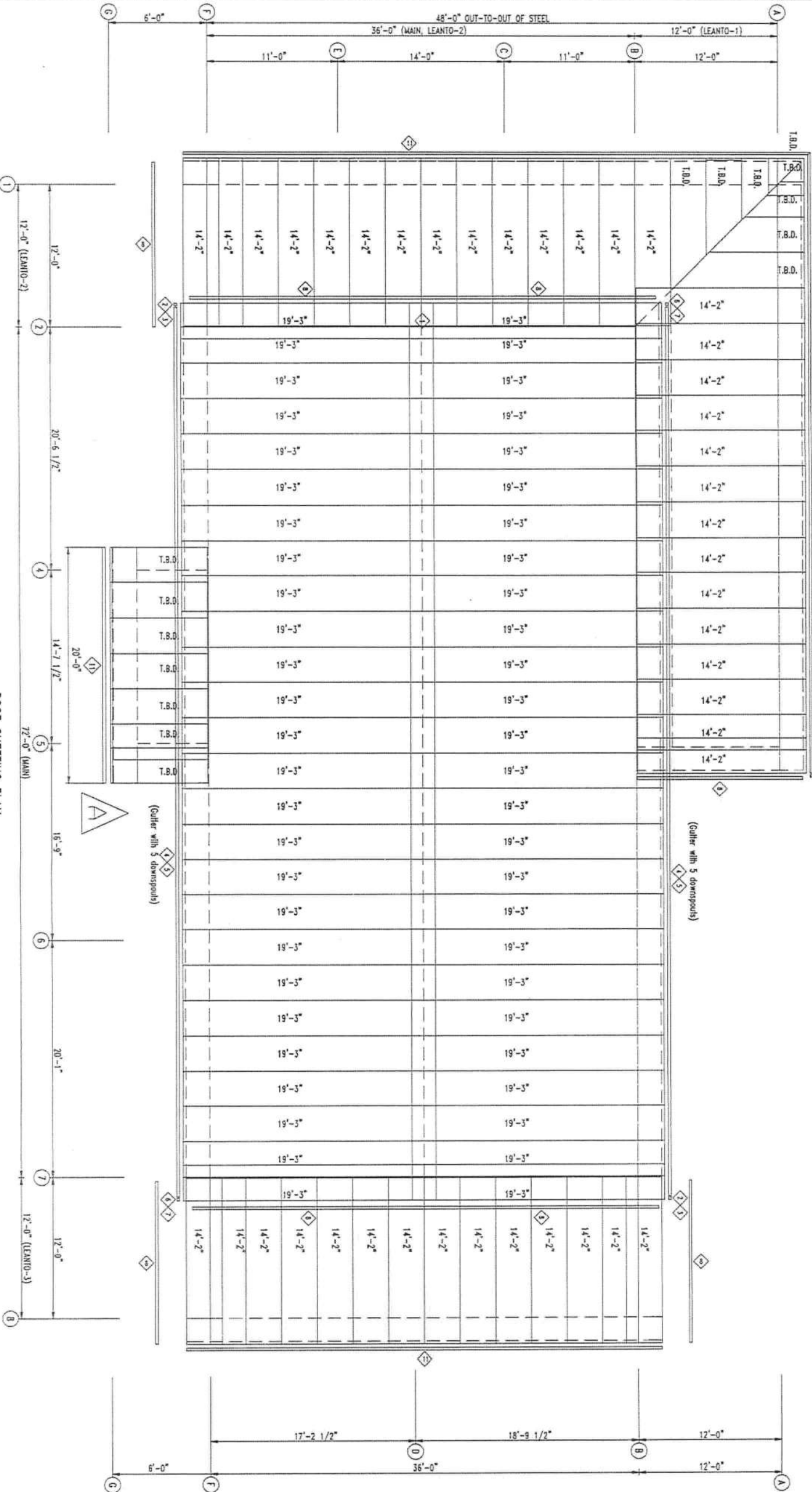
DRAWING TITLE: ROOF FRAMING

14 OF 30



EXTENSION/CANOPY DETAILS				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	3/4"	5/4"
EB-3	4	A325	3/4"	5/4"
EB-4	4	A325	3/4"	5/4"
EB-101	4	A325	3/4"	5/4"
EB-102	4	A325	3/4"	5/4"
EB-103	4	A325	3/4"	5/4"
EB-201	4	A325	3/4"	5/4"
EB-202	4	A325	3/4"	5/4"
EB-203	4	A325	3/4"	5/4"
EB-301	4	A325	3/4"	5/4"
EB-302	4	A325	3/4"	5/4"
EB-303	4	A325	3/4"	5/4"

TRIM TABLE			
MARK	LENGTH	DETAIL	
1 FL49	5'-0"	TRIM_320	
2 MTR LT	10'-2"		
3 LEFT	6'-2"		
4 FL19A	20'-2"	TRIM_317	
5 FL18G	20'-2"		
6 MTR RT	10'-2"		
7 RIGHT	6'-2"		
8 FL46	10'-2"	TRIM_267	
9 FL26	10'-4"		
10 FL19	10'-2"	TRIM_316	
11 FL19A	20'-2"	TRIM_315	
12 FL26C	14'-4"		
13 FL514B	14'-4"	TRIM_267	



ROOF SHEETING PLAN
PANELS: 26 Co. P88 - NEED SIG 200

ADD LEANTO-4 TO ERECTION DRAWINGS:

1/21/21 JDI/013

DESIGN CRITERIA

BUILDING CODE	IBC-03
LIVE LOAD	20/00
LIVE LOAD REDUCTION	Yes
COLLATERAL LOAD	0.5
SNOW LOAD	0
WIND LOAD (3 SECOND GUST)	119
WIND EXPOSURE	109
WIND IMPORTANCE FACTOR	1.09
CATEGORY (SEISMIC USE GROUP)	C
WIND EXPOSURE	3/1490

JOB NAME: Janelle Burnett Residence

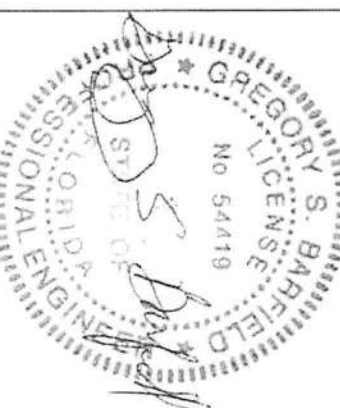
ID: 21-100

JOB LOCATION: Lake City, FL 32024

DATE: 1/12/21

DRAWING TITLE: ROOF SHEETING

15 OF 30



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Adel, GA 31620
License # 54419



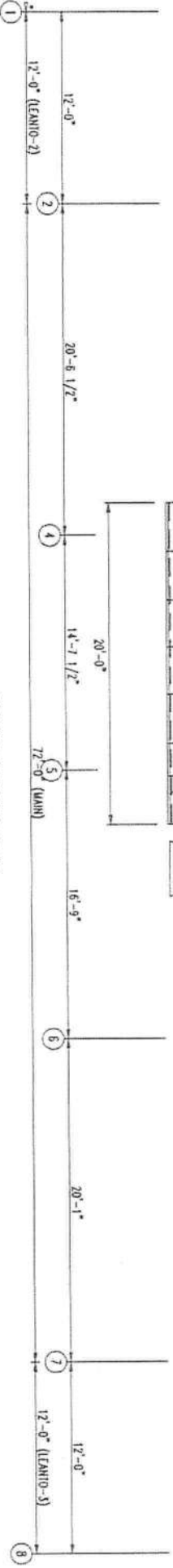
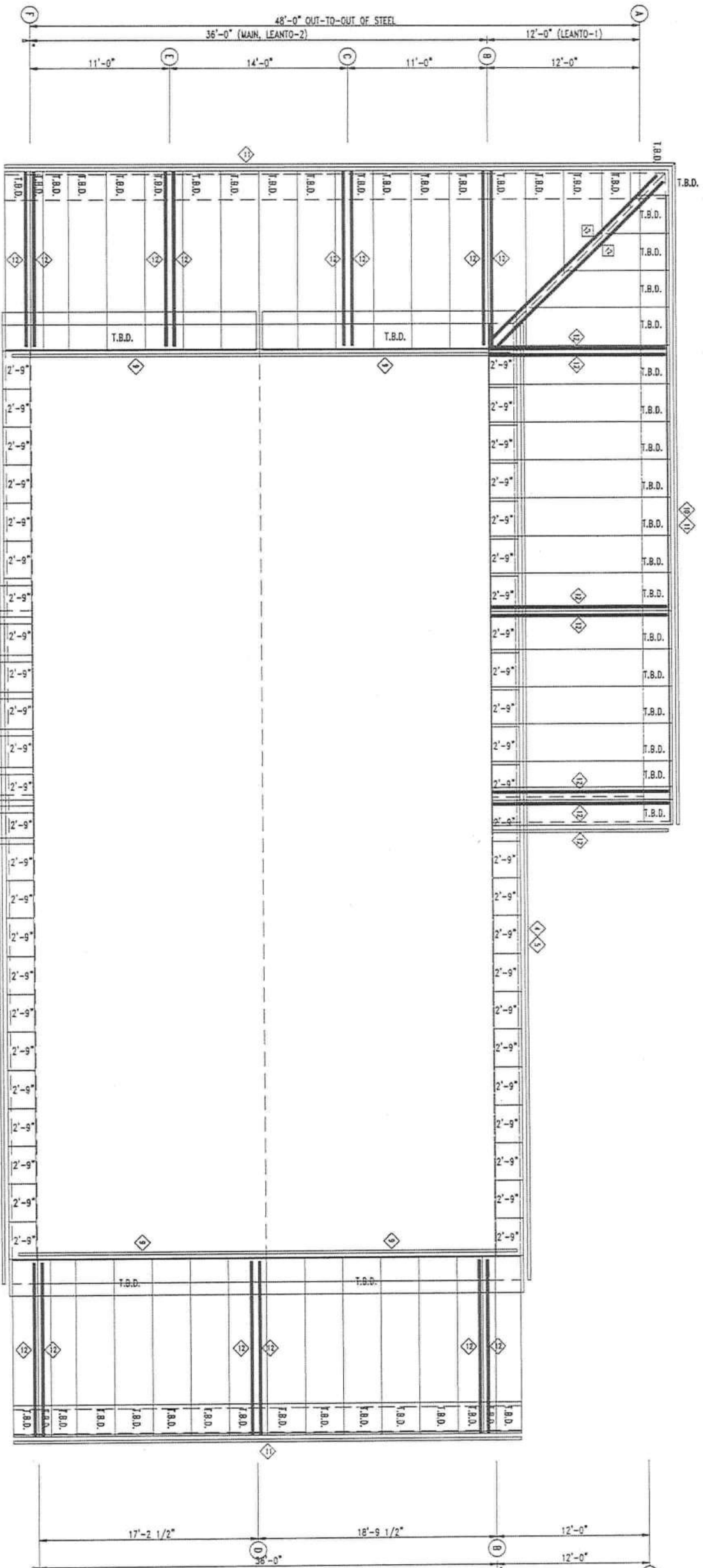
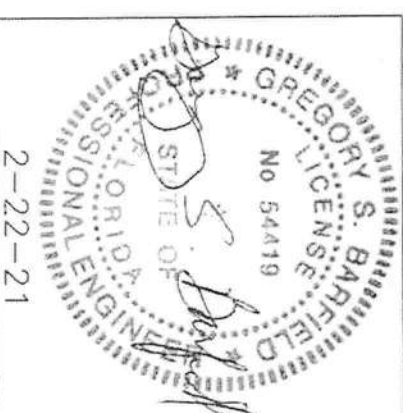
LARIAT STEEL DESIGN

700 AIRPORT LANE - ADEL, GEORGIA 31620
PH: (229) 866-2922
FAX: (229) 866-2043
EMAIL: info@lariatsteel.com

EXTENSION/CANOPY BOLTS				
MARK	QUAN	TYPE	REA	LENGTH
EB-2	4	A325	3/4"	3'-4"
EB-3	4	A325	3/4"	3'-4"
EB-4	4	A325	3/4"	3'-4"
EB-101	4	A325	3/4"	3'-4"
EB-102	4	A325	3/4"	3'-4"
EB-103	4	A325	3/4"	3'-4"
EB-201	4	A325	3/4"	3'-4"
EB-202	4	A325	3/4"	3'-4"
EB-203	4	A325	3/4"	3'-4"
EB-301	4	A325	3/4"	3'-4"
EB-302	4	A325	3/4"	3'-4"
EB-303	4	A325	3/4"	3'-4"

TRIM TABLE		
ITEM	LENGTH	DETAIL
1 FL19	3'-0"	TRIM_320
2 WLR LT	10'-2"	
3 LEFT	20'-2"	
4 FL19A	20'-2"	TRIM_317
5 FL186	20'-2"	
6 WLR RT	10'-2"	
7 RIGHT	10'-2"	
8 FL184B	10'-2"	TRIM_267
9 FL125	10'-2"	TRIM_316
10 FL19	10'-2"	TRIM_316
11 FL19A	20'-2"	TRIM_316
12 FL26C	14'-4"	TRIM_267
13 FL148	14'-4"	

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Adel, GA 31620
License # 54419



SOFFIT SHEETING PLAN

PACKS: 26 Gg. PRR - NEED SFC 200

NO.	DESCRIPTION	DATE	BY
1	ADD LEANTO-4 TO ERECTION DRAWINGS	12/1/21	JOBHDLR

DESIGN CRITERIA

BUILDING CODE	IBC 20
LIVE LOAD	2000 PSF
LIVE LOAD REDUCTION	Yes
COLLATERAL LOAD	0.5 PSF
SNOW LOAD	0 PSF
WIND LOAD (ASCE 7-10)	140 MPH
WIND IMPORTANCE FACTOR	1.00
WIND EXPOSURE	C
CATEGORY (SEISMIC USE GROUP)	SISSAM

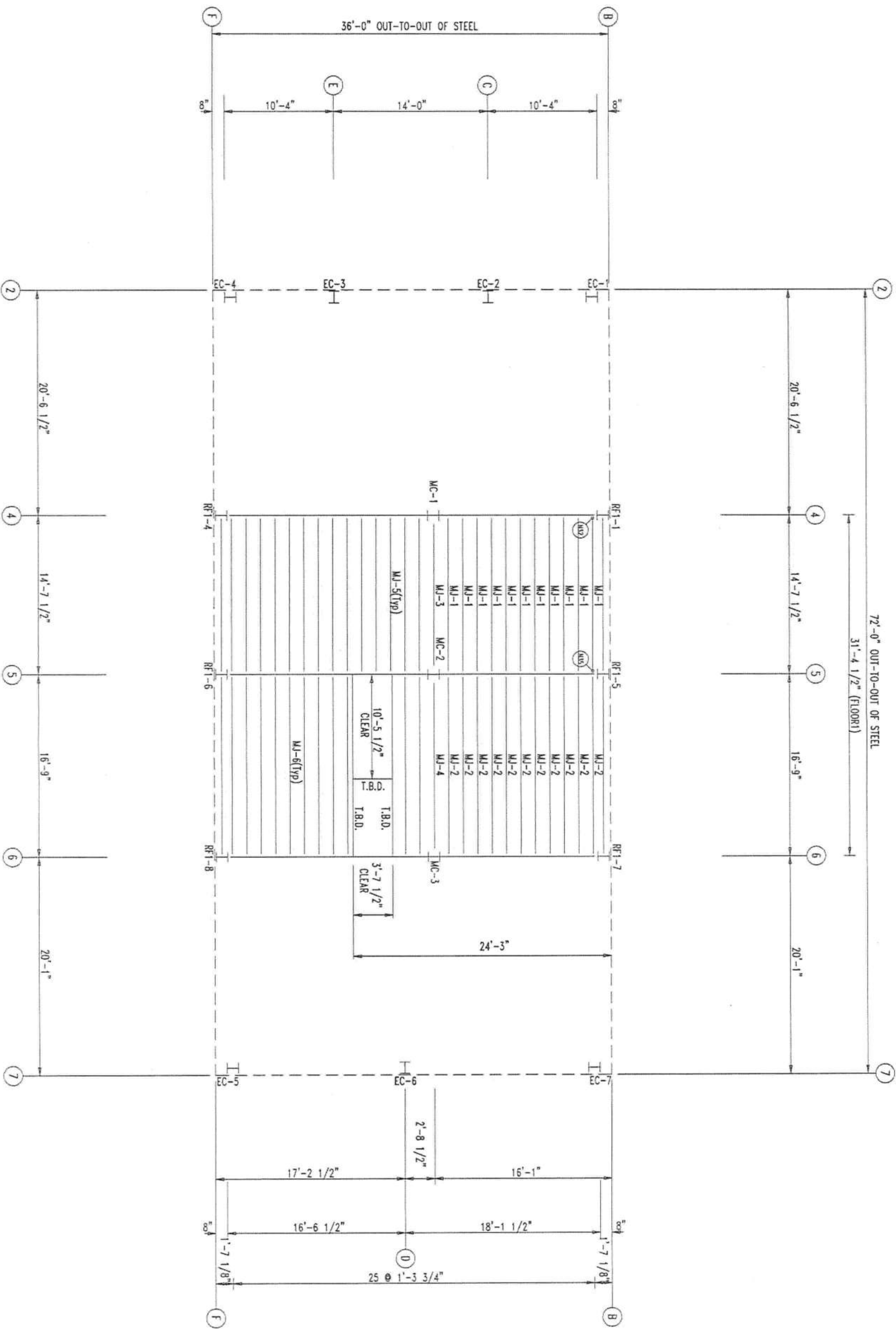
JOB NAME	Janelle Burnett Residence	10
JOB LOCATION	Lake City, FL 32024	21-100
DATE	1/12/21	SCALE
DRAWING TITLE	SOFFIT SHEETING	NTS
		16 OF 30



LARIAT STEEL DESIGN

78 AIRPORT LANE ~ ADEL, GEORGIA 31620
PH: (229) 896-2032
FAX: (229) 896-2033
EMAIL: info@lariatsteel.com

MEMBER TABLE		
MARK	PART	LENGTH
MC-1	WBX10	10'-0 1/2"
MC-2	WBX10	10'-0 1/2"
MC-3	WBX10	10'-0 1/2"
MJ-1	8X35c14	14'-2 1/2"
MJ-2	8X35c14	16'-4"
MJ-3	8X35c14	13'-6 5/8"
MJ-4	8X35c14	15'-8 1/8"
MJ-5	8X35c14	14'-1 1/4"
MJ-6	8X35c14	16'-2 3/4"



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Adel, GA 31620
License # 54419

2-22-21

FLOOR JOISTS

REVISION	DATE	BY

DESIGN CRITERIA

BUILDING CODE:	IBC 2015
LIVE LOAD:	20 PSF
LIVE LOAD REDUCTION:	YES
COLLATERAL LOAD:	0.5 PSF
SNOW LOAD:	0 PSF
WIND LOAD (1 SECOND GUST):	114 PSF
WIND IMPORTANCE FACTOR:	1.00
WIND EXPOSURE:	C
CAT/DURABILITY (SEE NOTE 10):	30 YEARS

DESIGNER: Jonelle Burnett Residence

ID: 21-100

PROJECT: LAKE CITY, FL 32024

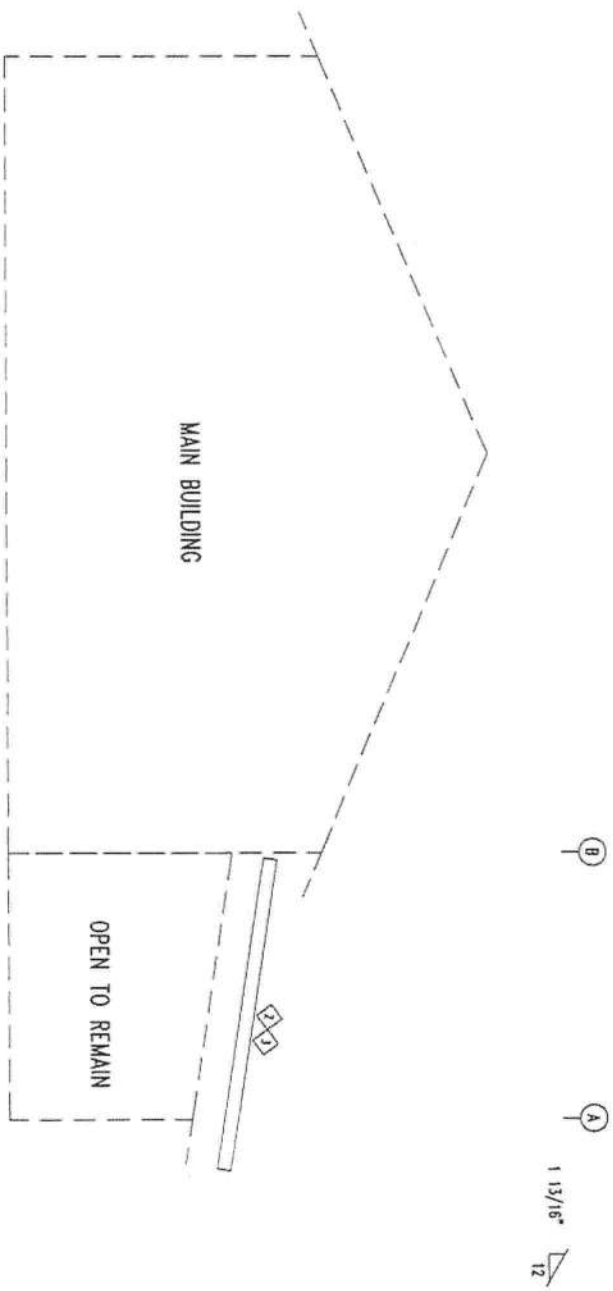
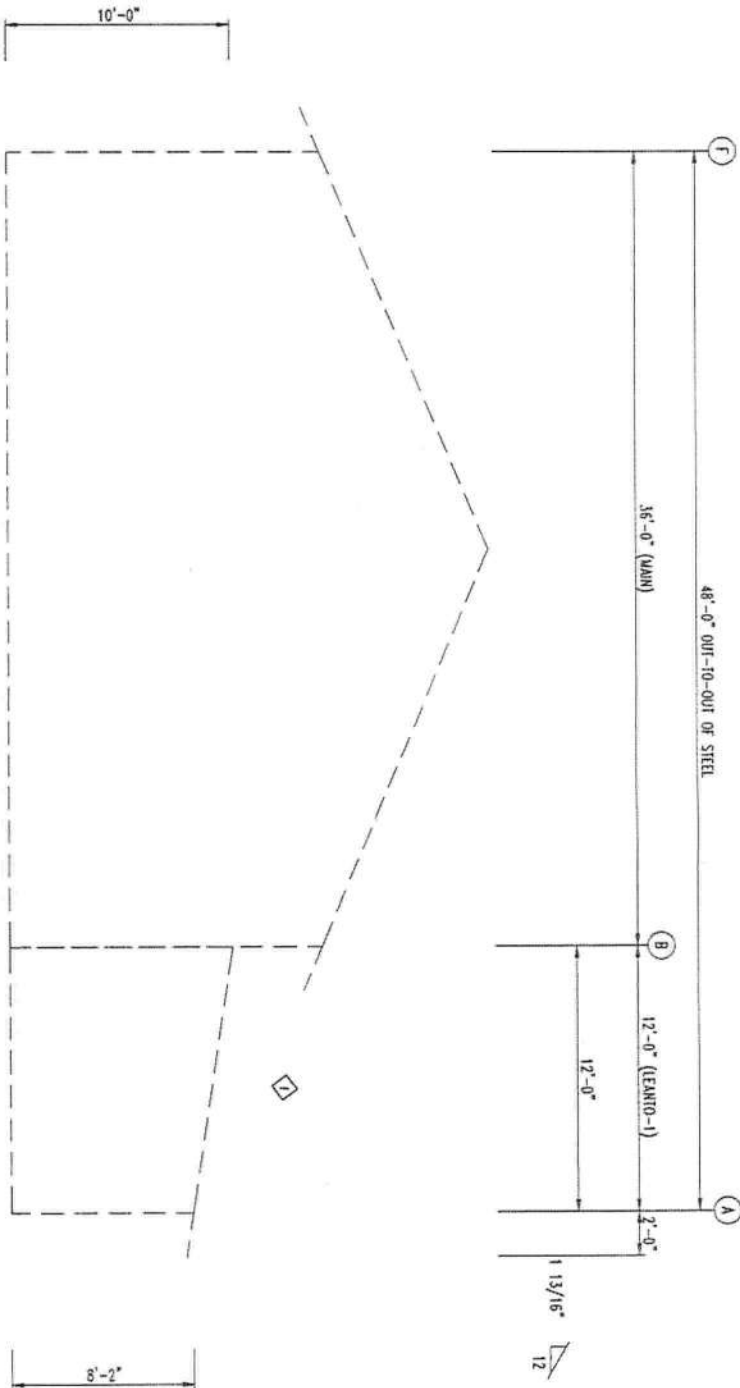
DATE: 1/12/21
SCALE: N.T.S.
DRAWING TITLE: FLOOR JOISTS



LARIAT STEEL DESIGN

775 VIRGINIA LANE - ADEL, GEORGIA 31620
PHONE: (229) 894-2422
FAX: (229) 894-3033
EMAIL: lariatsteel@gsdga.com

TRIM TABLE			
FRAME LINE	MARK	LENGTH	DETAIL
5	FL26C	14'-4"	TRIM 267
3	FL26C	14'-4"	
ANGLE TABLE			
FRAME LINE	MARK	LENGTH	DETAIL
5	FL26C	14'-4"	TRIM 267
3	FL26C	14'-4"	
FLANGE BRACE TABLE			
FRAME LINE	MARK	LENGTH	DETAIL
7	FL50	2'-6"	
1	FL50	2'-6"	



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License # 54419



2-22-21

DESIGN CRITERIA			
BUILDING CODE	2015	PSF	20
LIVE LOAD	7000	PSF	20
LIVE LOAD REDUCTION	YES	PSF	20
COL LATERAL LOAD	0.5	PSF	20
SNOW LOAD	0	PSF	20
WIND LOAD (3 SECOND GUST)	119	MPH	20
WIND IMPORTANCE FACTOR	1.00		20
WIND EXPOSURE	C		20
SEISMIC (SEISMIC VIB. GROUP)	600000		20

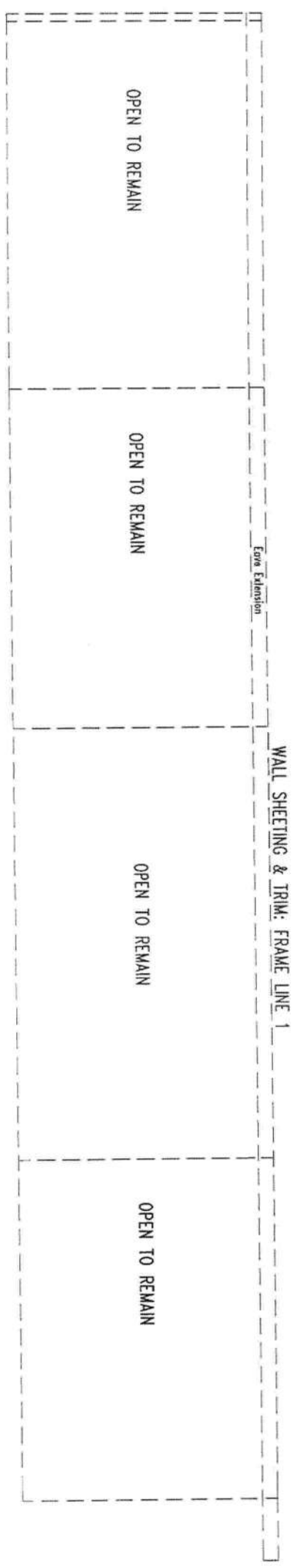
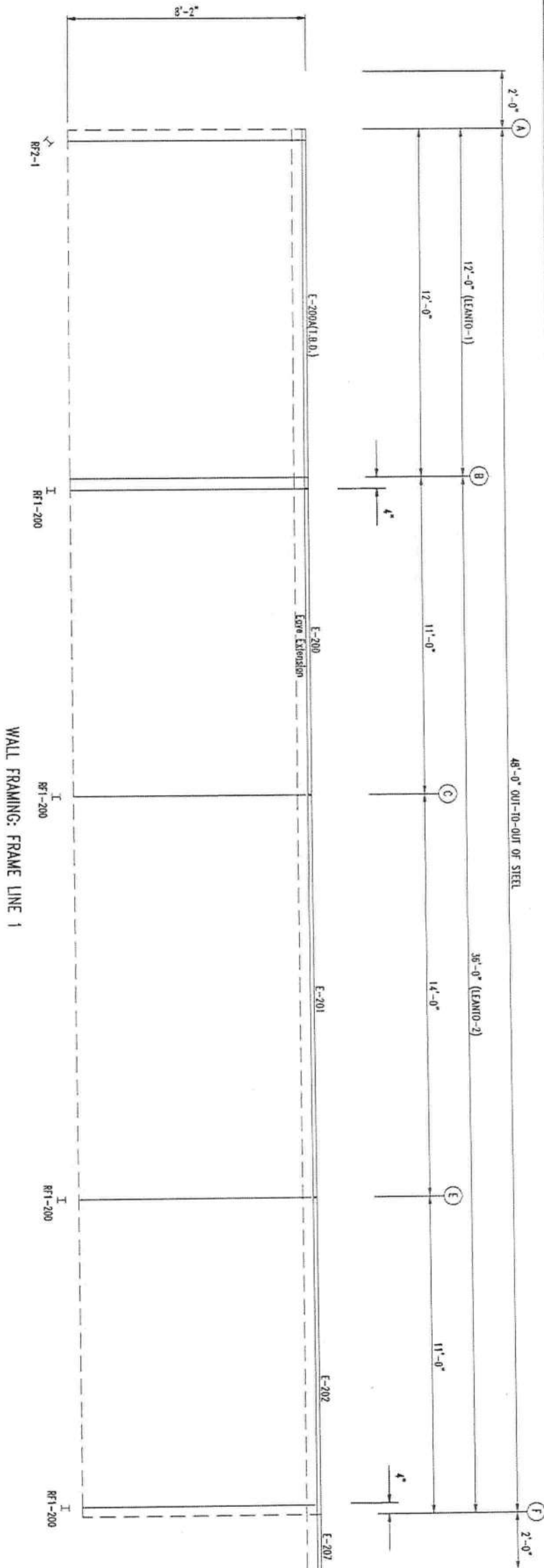
JOB NAME			
JOB LOCATION	Janelle Burnett Residence	SCALE	21-100
DATE	1/12/21	SCALE	21-100
DRAWN BY	JDH	SCALE	21-100
CHECKED BY	JDH	SCALE	21-100
DATE	1/12/21	SCALE	21-100
DRAWING TITLE	ENDWALL FRAMING	SCALE	21-100
DRAWING	21 OF 30	SCALE	21-100

ROLL TABLE			
FRAME LINE 1	QUAN	TYPE	DA
LEANTO-1	2	A375	1/2" 1 1/4"
Cor. Column/Ref			

TRIM TABLE			
FRAME LINE 1	MARK	LENGTH	DETAIL
3	WTR LT	10'-2"	TRIM_279
4	WTR RT	10'-2"	
5	LEFT PT	10'-2"	
6	RIGHT PT	10'-2"	
7	ELSLAB	14'-4"	
8	ELSLAB	10'-4"	

WALLER TABLE			
FRAME LINE 1	MARK	LENGTH	
LEANTO-1	W8x10	8'-8 5/16"	
LEANTO-2			
E-200	E085342L	9'-3 1/2"	
E-201	E085342L	13'-5 1/2"	
E-202	E085342L	10'-1 1/2"	
E-207	E085342L	2'-0 1/2"	

ANGLE TABLE			
FRAME LINE 1	MARK	LENGTH	
1	L4x2	20'-0"	



WALL SHEETING & TRIM: FRAME LINE 1

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Adel, GA 31620
License # 54419



LARIAT STEEL DESIGN
50 AIRPORT LANE ~ ADEL, GEORGIA 31620
TEL: (229) 950-2022
FAX: (229) 950-2024
EMAIL: lsd@lariatsteel.com

DESIGN CRITERIA			
BUILDING CODE	IBC 200	PGF	
LIVE LOAD	2000	PGF	
DEAD LOAD	10	PGF	
WIND LOAD	119	MPH	
WIND EXPOSURE	C		
CATEGORY	II		

DESIGN CRITERIA			
BUILDING CODE	IBC 200	PGF	
LIVE LOAD	2000	PGF	
DEAD LOAD	10	PGF	
WIND LOAD	119	MPH	
WIND EXPOSURE	C		
CATEGORY	II		

JOB NAME	Janelle Burnett Residence	ID	21-100
JOB LOCATION	Lake City, FL 32024	DATE	1/12/21
DRW	JDB	SCALE	N.T.S.
BRWING TITLE	SIDEWALL FRAMING	BRWING	22 OF 30

BOLT TABLE			
FRAME LINE F	LOCATION	QUAN	TYPE DIA LENGTH
LEANTO-2		2	A325 1/2" 1 1/4"
LEANTO-3		2	A325 1/2" 1 1/4"
COR. COLUMN/ROOF			
		2	A325 1/2" 1 1/4"

TRIM TABLE			
FRAME LINE F	MARK	LENGTH	DETAIL
3	F15148	14'-4"	TRIM 74
4	F1122	10'-2"	TRIM 198
5	F1830	10'-2"	TRIM 198
6	F1832	14'-0"	TRIM 198
7	F122	7'-3"	TRIM 239
8	F122	SCRP	TRIM 239
9	F124	3'-6"	TRIM 232
10	F124	3'-6"	TRIM 262
11	F125	7'-1"	TRIM 232
12	F1268	12'-4"	TRIM 232
13	F1268	14'-4"	TRIM 267

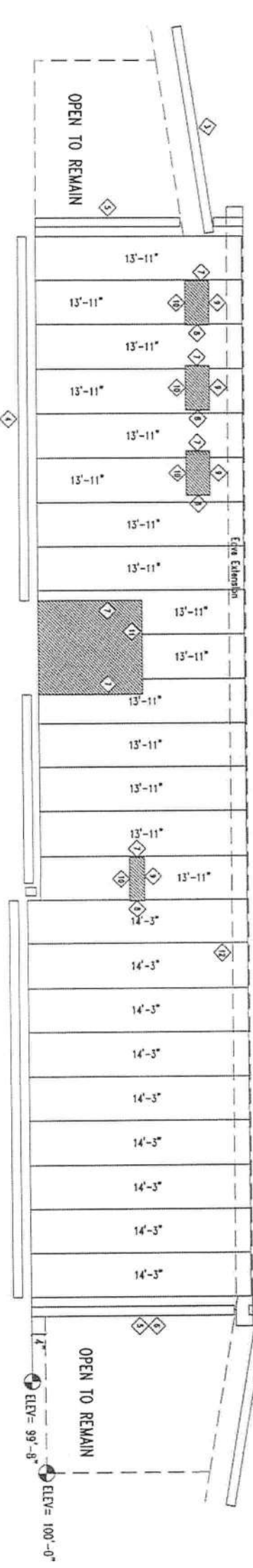
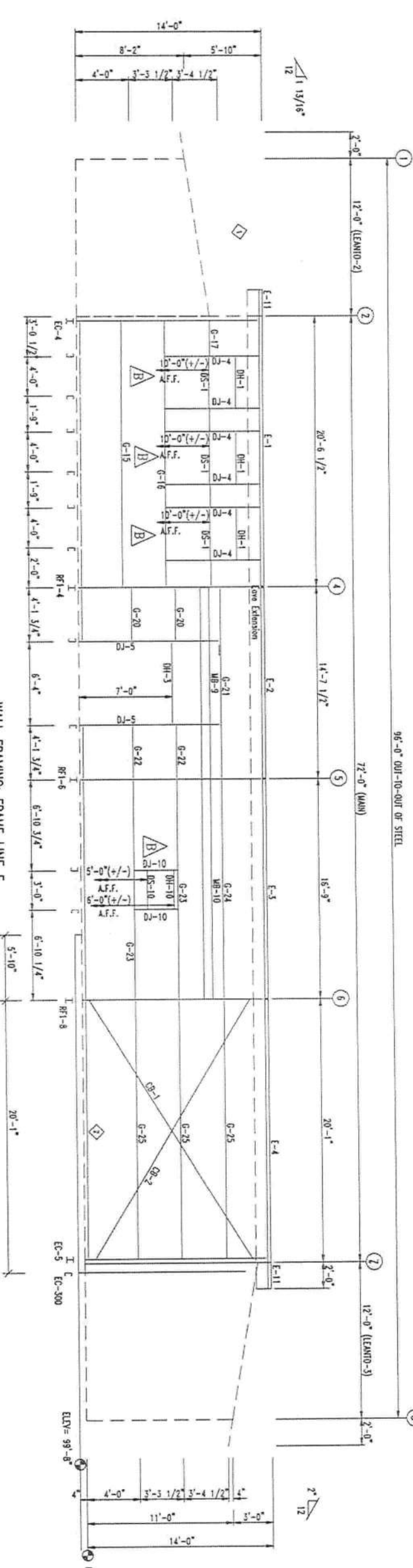
ANGLE TABLE			
FRAME LINE F	MARK	LENGTH	DETAIL
1	L42	20'-0"	ANGLE 5
2	L42	20'-0"	

PERIMETER BEAM BOLT TABLE			
FRAME LINE F	QUAN	TYPE	DIA LENGTH
P1	4	A325	5/8" 1 3/4"

MEMBER TABLE			
FRAME LINE F	MARK	TYPE	LENGTH
1	W4	W4X13	10'-8"
2	DH-4	8X25C16	8'-11 1/8"
3	DH-5	8X25C16	2'-11 1/2"
4	DH-1	8X25C16	6'-3 1/2"
5	DH-3	8X25C16	2'-11 1/2"
6	DS-1	E08S145L	19'-8"
7	E-1	E08S145L	14'-1"
8	E-2	E08S145L	16'-2 1/2"
9	E-3	E08S145L	19'-2 1/2"
10	E-4	E08S145L	2'-9 1/2"
11	E-11	E08S145L	2'-9 1/2"
12	G-16	8X25C16	20'-3 1/2"
13	G-17	8X25C16	2'-3 1/2"
14	G-18	8X25C16	2'-3 1/2"
15	G-19	8X25C16	2'-3 1/2"
16	G-20	8X25C16	3'-8 1/4"
17	G-21	8X25C16	14'-2 1/4"
18	G-22	8X25C16	5'-6 1/4"
19	G-23	8X25C16	16'-3 1/2"
20	G-24	8X25C16	16'-3 1/2"
21	G-25	8X25C16	19'-10"
22	CB-1	1/4" CAB	23'-6"
23	CB-2	1/4" CAB	23'-6"
24	WB-9	WB10	14'-7 1/4"
25	WB-10	WB10	16'-8 3/4"
26	WB-1	1/4" CAB	17'-3"

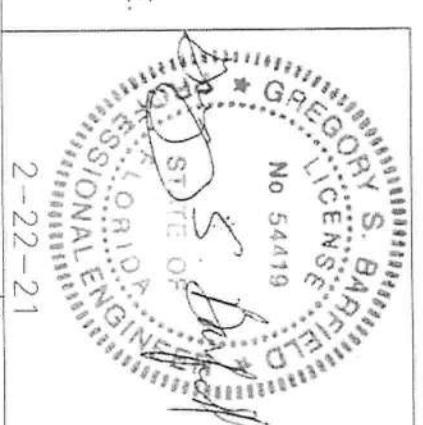
CONNECTION PLATES			
FRAME LINE F	MARK	TYPE	LENGTH
1	AC-7	1/4" X 7'	

LEANTO-2			
W4X10	8'-8 3/16"	11'-6 1/2"	
LEANTO-3			
8X15C14	8'-8 3/16"	11'-6 1/2"	



WALL SHEETING & TRIM: FRAME LINE F
PANELS: 26 Ga. PR - NED SIG 200

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Adel, GA 31620
License # 54419



DESIGN CRITERIA			
BUILDING CODE	FBC 20	21-100	
LIVE LOAD	2000	PSF	
WIND LOAD	Yes	PSF	
COLLATERAL LOAD	0.5	PSF	
SNOW LOAD	0	PSF	
WIND LOAD (3 SECOND GUST)	119	MPH	
WIND IMPORTANCE FACTOR	1.00		
WIND EXPOSURE	C		
CATEGORY (SEISMIC USE GROUP)	II		

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	CHANGED FRAMED OPENINGS TO 4'-0"X7'-0" PER MARKED LINES	1/21/21	JOHNS B
2	CHANGED FRAMED OPENINGS SILL HEIGHT PER CUSTOMER	1/25/21	JOHNS B

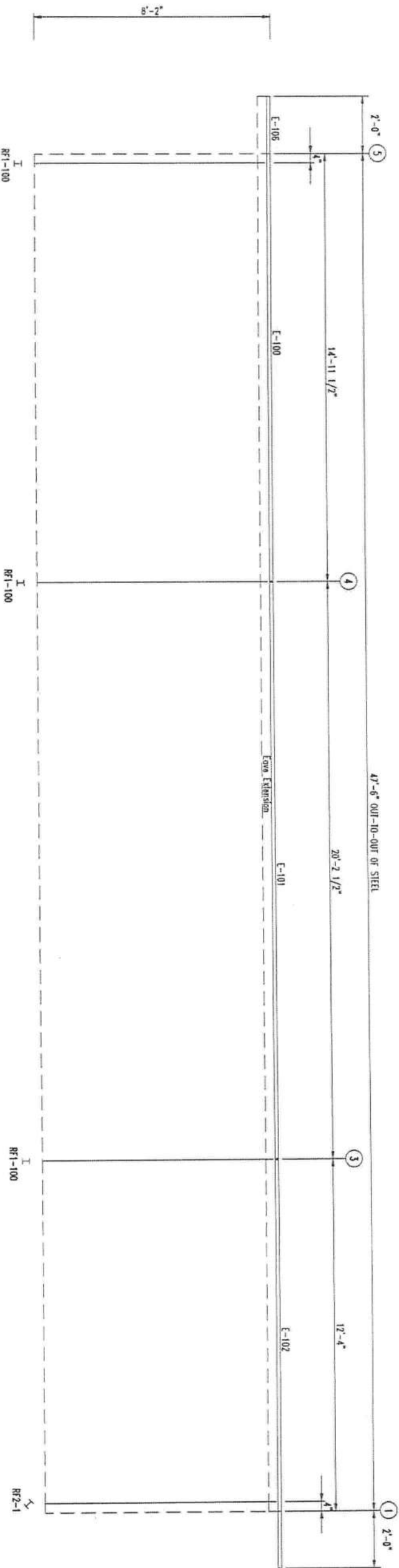
LARIAT STEEL DESIGN

7th WILSON LANE ~ ADEL, GEORGIA 31620
PH: (229) 802-0023
FAX: (229) 806-2033
EMAIL: lariatsteel@lariatsteel.com

JOB NAME:	Janelle Burnett Residence	ID:	21-100
JOB LOCATION:	Lake City, FL 32024	DATE:	1/12/21
DRAWN BY:	JDB	SCALE:	N.T.S.
DRAWING TITLE:	SIDEWALL FRAMING	DATE:	24 OF 30

FRAM. TABLE			
FRAME LINE A		LENGTH	DETAIL
QID	MARK	LENGTH	FRAM. DET.
1	E1268	12'-4"	FRAM. 267

MEMBER TABLE			
FRAME LINE A		LENGTH	DETAIL
MARK	PART	LENGTH	
E-100	E085342L	14'-1"	
E-101	E085342L	19'-8"	
E-102	E085342L	11'-5 1/2"	
E-105	E085342L	2'-0 1/2"	



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

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2149 Nell Purvis Road
Adel, GA 31620
License # 54419



LARIAT STEEL DESIGN

7th AIRPORT LANE ~ ADRI. GROOMING 31620
PH: (229)896-5022
FAX: (229)896-5033
EMAIL: lsd@lariatsteel.com

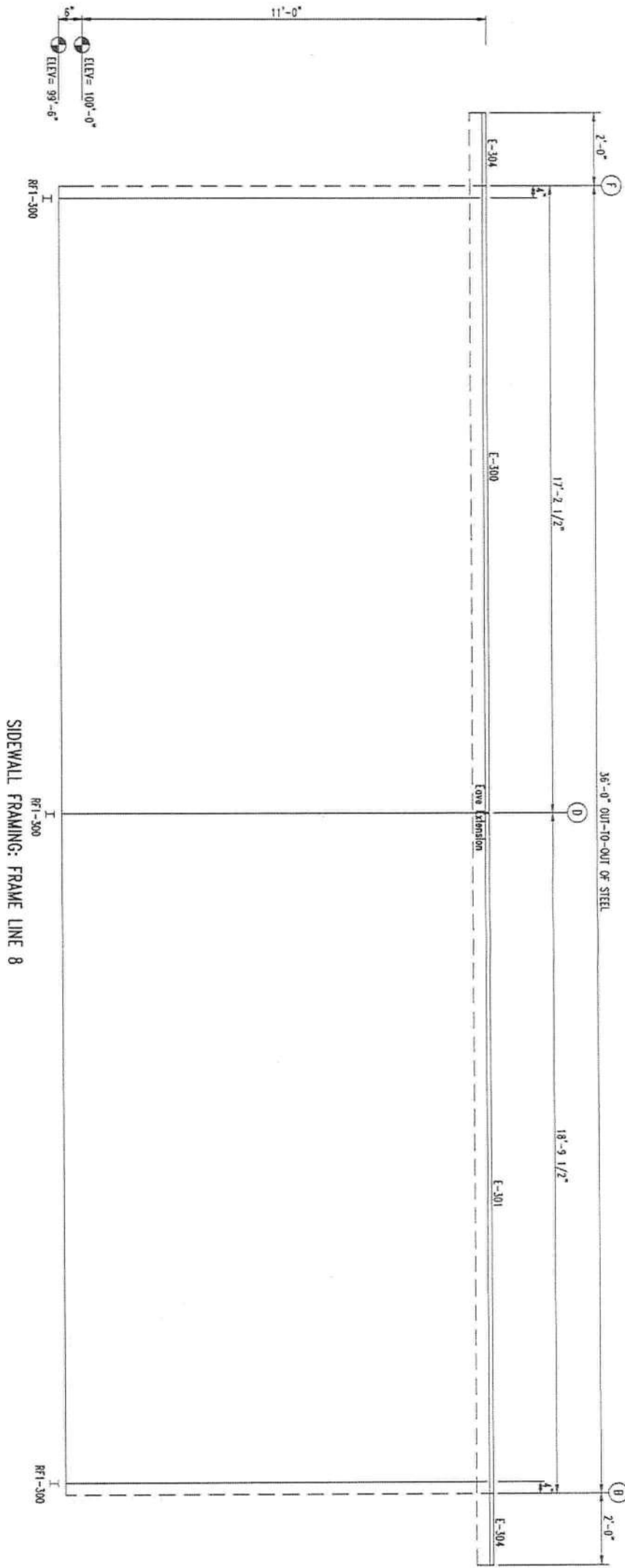
REVISION	
NO.	DESCRIPTION
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

DESIGN CRITERIA	
BUILDING CODE:	IBC 2018
LIVE LOAD:	200 psf
WIND LOAD:	15 psf
SNOW LOAD:	0 psf
WIND LOAD (SECONDARY):	15 psf
WIND IMPORTANCE FACTOR:	1.0
WIND EXPOSURE:	C
CATEGORY (PERM. USE GROUP):	GROUP 1

JOB NAME:	Janelle Burnett Residence	DATE:	2-21-2024
JOB LOCATION:	Lake City, FL 32024	SCALE:	N.T.S.
DESIGNER:	JDB	DATE:	1/12/21
DRAWING TITLE:	SIDEWALL FRAMING	DRAWING:	25 OF 30

TOTAL TABLE			
FRAME LINE 8		LENGTH	DETAIL
1	FL258	17'-4"	TRIM 267

MEMBER TABLE			
FRAME LINE 8		LENGTH	
MARK	PAIR		
E-300	E085342L	16'-4"	
E-301	E085342L	17'-11"	
E-304	E085342L	2'-0 1/2"	



OPEN TO REMAIN

SIDEWALL SHEETING & TRIM: FRAME LINE 8



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2149 Nell Purvis Road
Adel, GA 31620
License # 54419

NOTATION

SYMBOL	DESCRIPTION
A	FOUNDATION
B	FOUNDATION
C	FOUNDATION
D	FOUNDATION
E	FOUNDATION
F	FOUNDATION
G	FOUNDATION

DESIGN CRITERIA

BUILDING CODE	IBC 2018
LIVE LOAD	2000 PSF
LIVE LOAD REDUCTION	YES
COLLATERAL LOAD	0.5 PSF
SNOW LOAD	0 PSF
WIND LOAD (1 SECOND GUST)	119 MPH
WIND IMPORTANCE FACTOR	1.00
WIND EXPOSURE	C
CATEGORY (SEISMIC HAZARD GROUP)	4 (HARD)

JOB NAME	Janelle Burnett Residence	ID	21-100
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JOB LOCATION	Lake City, FL 32024
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DATE	1/12/21	SCALE	N.T.S.
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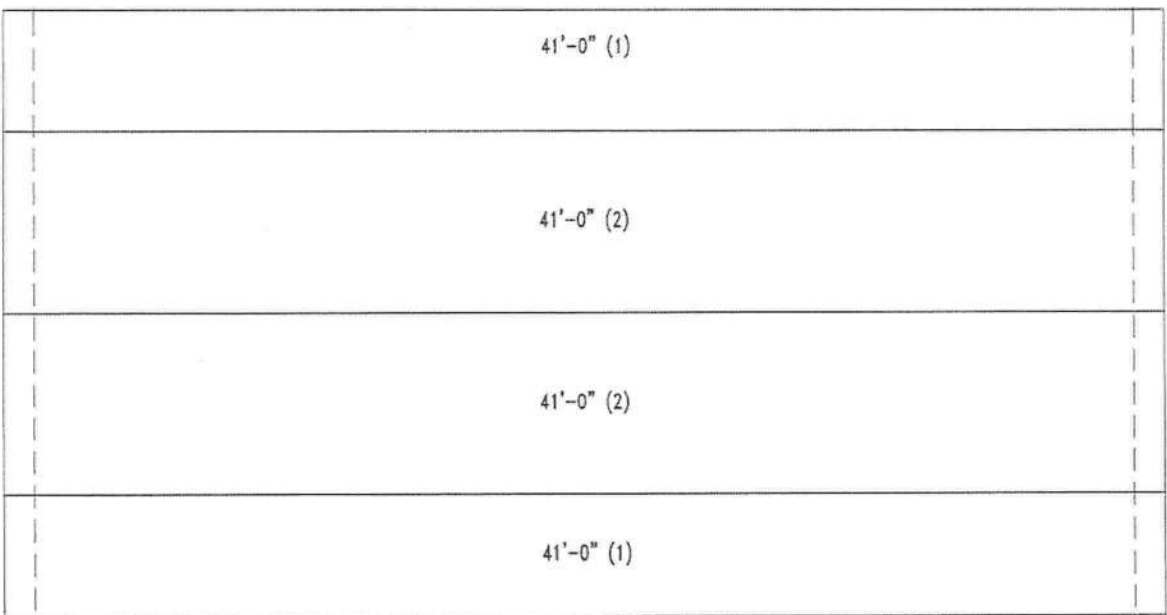
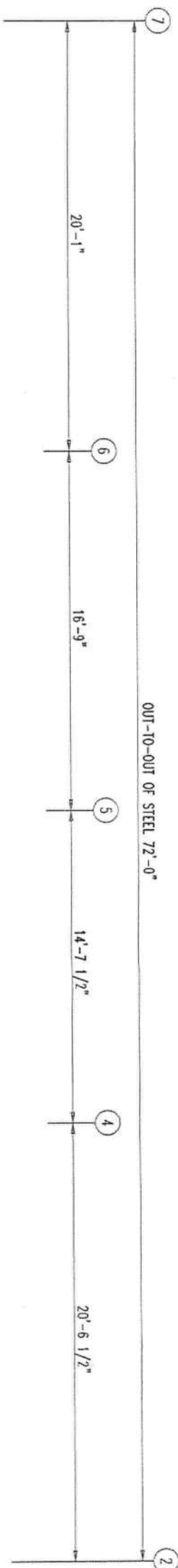
DRAWING TITLE	SIDEWALL FRAMING	DATE	26 DEC 30
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LARIAT STEEL DESIGN

7th AIRPORT LANE ~ ADEL, GEORGIA 31620
PH: (229)936-2932
FAX: (229)936-2000
EMAIL: info@lariatsteel.com

INSULATION TABLE				
ROOF PLAN				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	2	RI-1	4'-0"	41'-0"
2	11	RI-2	6'-0"	41'-0"



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Adel, GA 31620
License # 54419

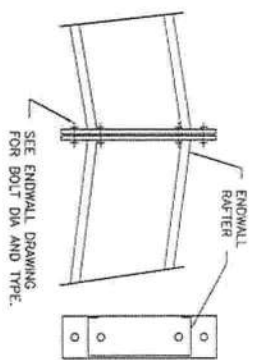
ROOF INSULATION
INSULATION: 3.00" Thick VR



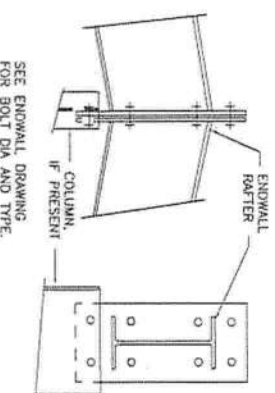
LARIAT STEEL DESIGN

70 AIRPORT LANE ~ ADEL, GEORGIA 31620
PH: (229) 836-2022
FAX: (229) 836-2011
EMAIL: larssteel@lariatsteel.com

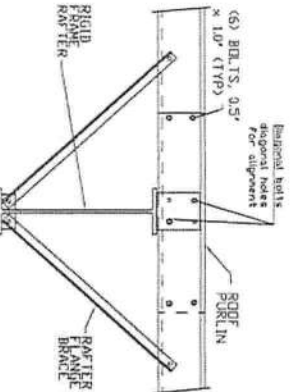
DESIGN CRITERIA		JOB NAME		JOB LOCATION		JOB DATE		JOB SCALE		JOB DRAWING	
ROOF INSULATION	INSULATION: 3.00" Thick VR	Janelle Burnett Residence	21-100	Lake City, FL	32024	1/19/21	N.T.S.	27 OF 30			
BUILDING CODE	2015	DESIGNER	JDB	CHECKER	JDB	DATE	1/19/21	SCALE	N.T.S.	DRAWING	27 OF 30
LIVE LOAD	20 PSF	WIND LOAD	15 PSF	WIND EXPOSURE	C	WIND IMPORTANCE FACTOR	1.00	WIND CATEGORY	SEISMIC USE GROUP 7	SEISMIC	27 OF 30
COLLATERAL LOAD	0.5 PSF	SNOW LOAD	0 PSF	WIND LOAD (1 SECOND GUST)	119 MPH	WIND IMPORTANCE FACTOR	1.00	WIND CATEGORY	SEISMIC USE GROUP 7	SEISMIC	27 OF 30
WIND EXPOSURE	C	WIND IMPORTANCE FACTOR	1.00	WIND CATEGORY	SEISMIC USE GROUP 7	SEISMIC	27 OF 30				



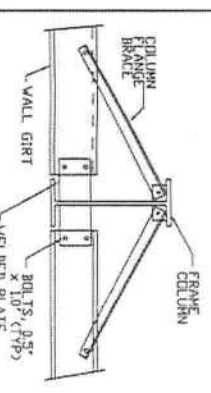
F10 RAFTER SPLICE AT SURFACE CHANGE



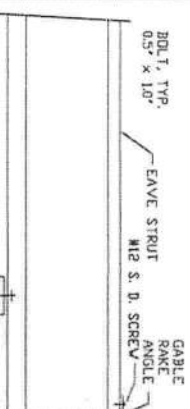
F12 RAFTER SPLICE AT SURFACE CHANGE



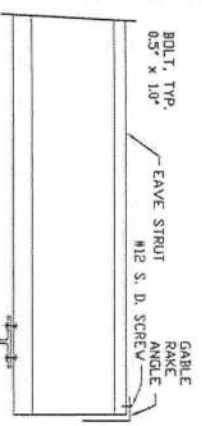
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



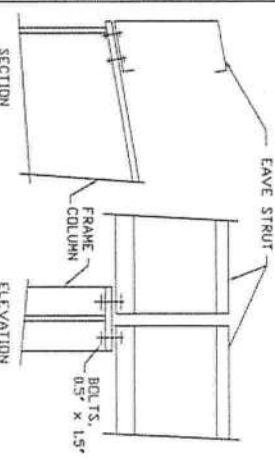
H6 WALL GIRTS TO FRAME COLUMN



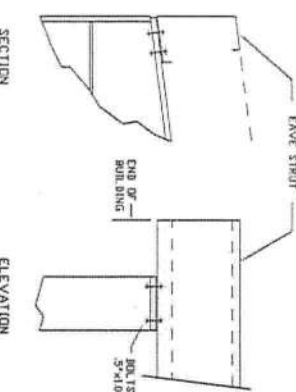
I6 EAVE STRUT TO ENDWALL RAFTER



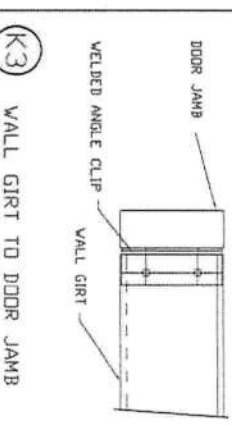
J18 EAVE STRUT TO ENDWALL RAFTER



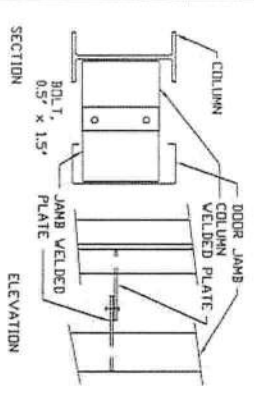
J1 EAVE STRUT TO RIGID FRAME



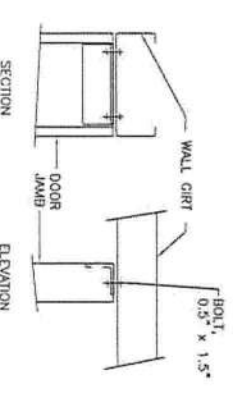
J23 EAVE STRUT TO RIGID FRAME



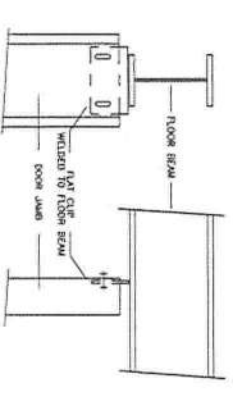
K3 WALL GIRTS TO DOOR JAMB



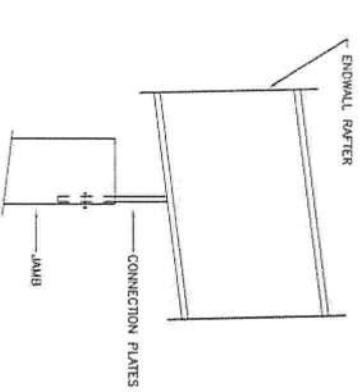
K7 WALL COLUMN TO DOOR JAMB



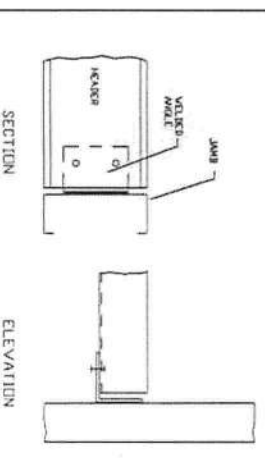
L8 DOOR JAMB TO WALL GIRTS



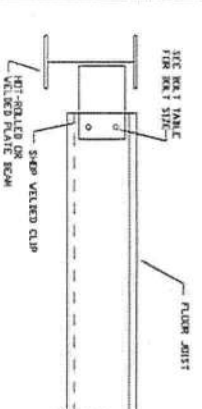
L71 DOOR JAMB TO FLOOR BEAM



L108 JAMB TO ENDWALL RAFTER FLANGE



M5 HEADER TO C JAMB



N32 FLOOR JOIST TO BEAM



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2149 Nell Purvis Road
Adel, GA 31620
License # 54419

2-22-21

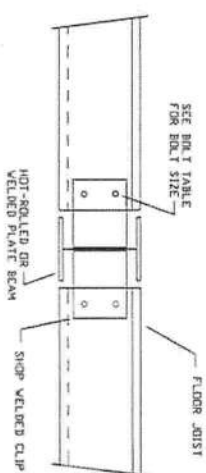


LARIAT STEEL DESIGN

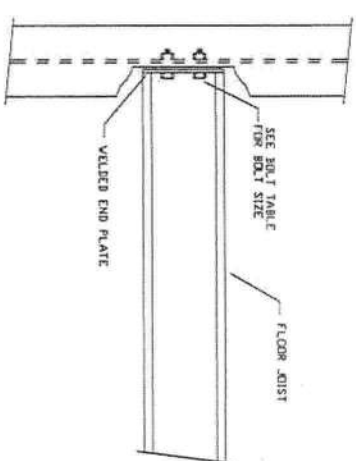
701 AIRPORT LANE - ADEL, GEORGIA 31620
TEL: (229) 936-2032
FAX: (229) 936-2033
EMAIL: info@lariatsteel.com

DESIGN CRITERIA	
BUILDING CODE	6724
LIVE LOAD	6732 PSF
LIVE LOAD REDUCTION	6734 PSF
COLLATERAL LOAD	6735 PSF
SNOW LOAD	6733 PSF
WIND LOAD (AS SECONDARY)	6736 PSF
WIND IMPORTANCE FACTOR	6737
WIND EXPOSURE	6738
CATEGORY (SEEING USE GROUP)	6739

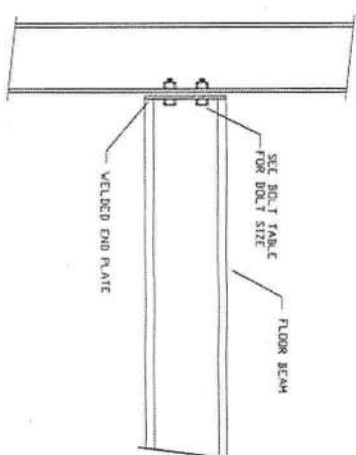
JOB NAME	Janelle Burnett Residence	ID	21-100
JOB LOCATION	Lake City, FL 32024		
DWN	JDB	DATE	1/12/21
SCALE	N.T.S.		
DETAIL TITLE	DETAIL DRAWINGS		28 OF 30



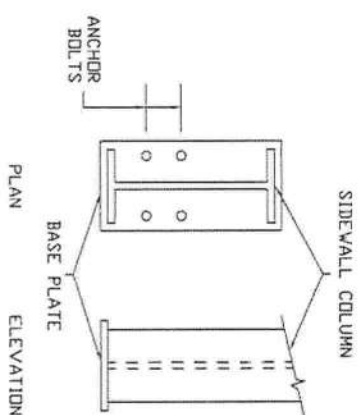
①N35 FLOOR JOIST TO BEAM



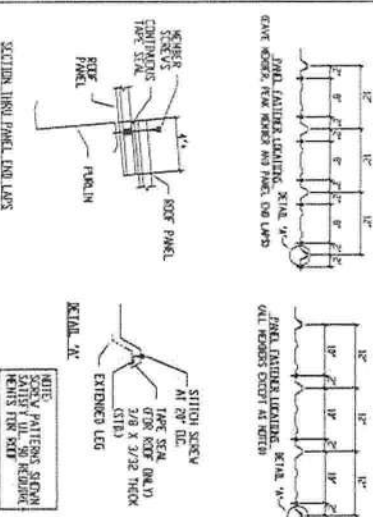
N48 FLOOR BEAM TO COLUMN WEB



NSI FLOOR BEAM TO COLUMN FLANGE

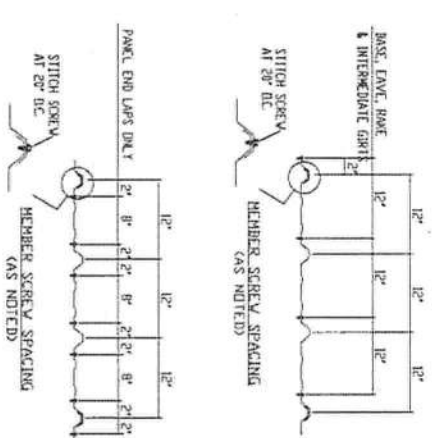


R2 ANCHOR BOLTS AT SIDEWALL COLUMN



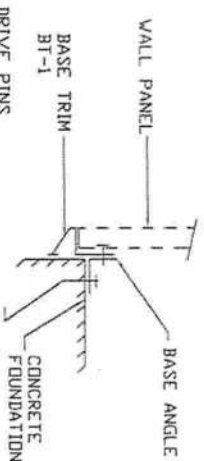
FASTENER LOCATION

SCREW 4

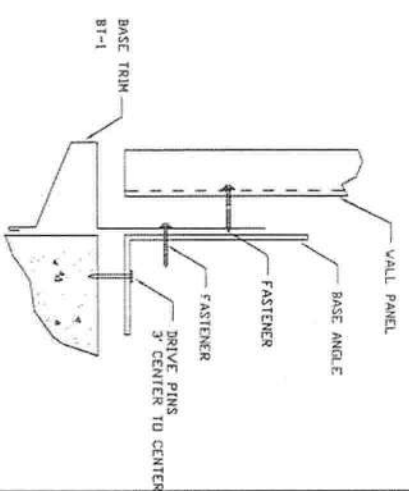


DATE IS
SCREW_5

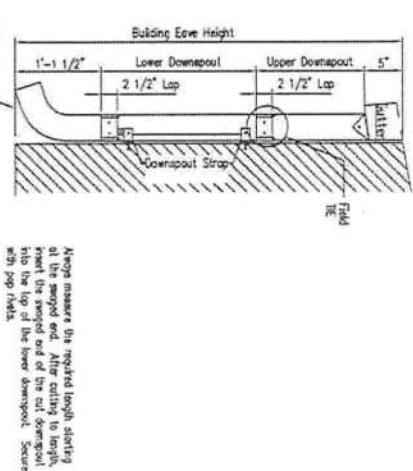
"Super Span-X", "R" AND "PBR" PANEL AT WALL
FASTENER LOCATION



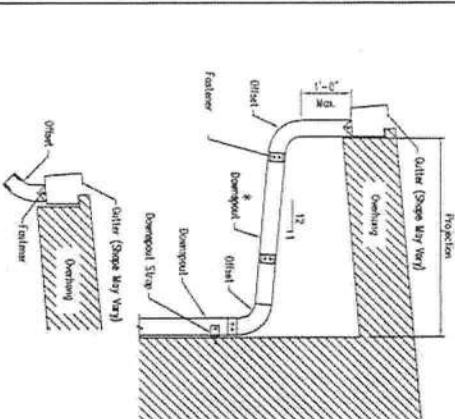
T1 SECTION THRU WALL PANEL
AND CONCRETE FOUNDATION



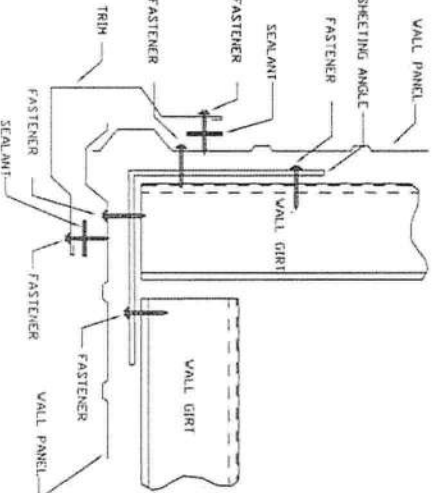
TRIM_74



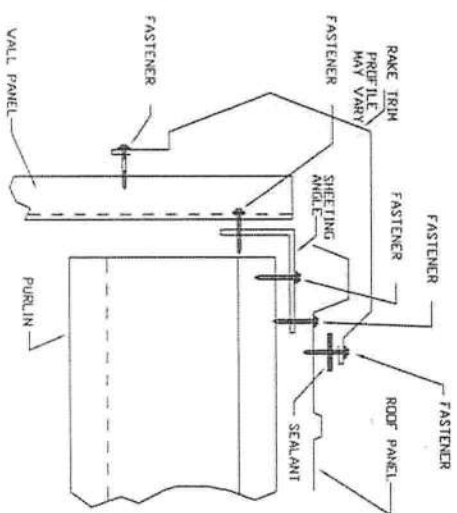
3 1/2' x 5 3/8' Roll Form Downspout Elevation



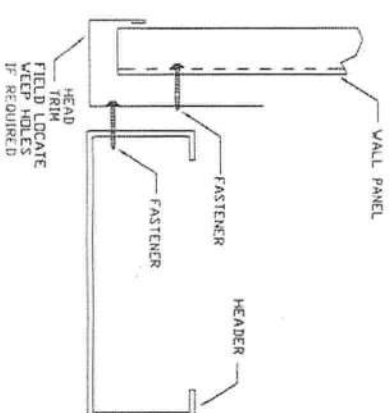
Eave Canopy Downspout Detail



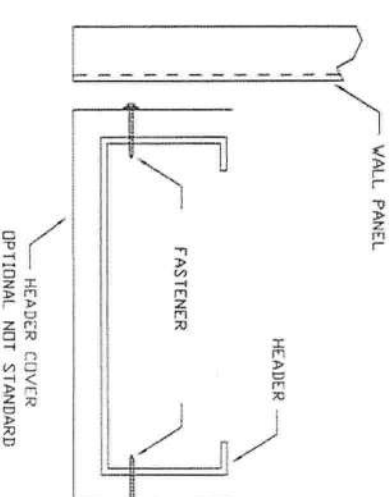
TRIM_198



TRIM_229



TRIM_232



TRIM_235

REVISION	
DATE	

DATE	BY
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DESIGN CRITERIA

VARIA
METAL BUILDINGS

LARIAT STEEL DESIGN

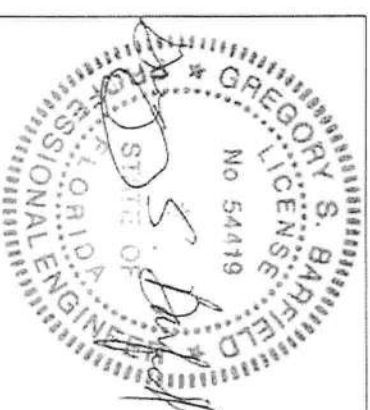
78 AIRPORT LANE ~ ADEL GEORGIA 31620
PH: (229)896-2022
FAX: (229)896-2033
EMAIL: laristateldesign@gmail.com

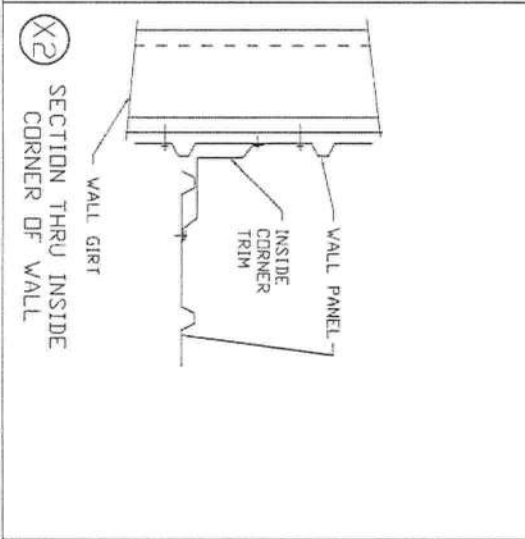
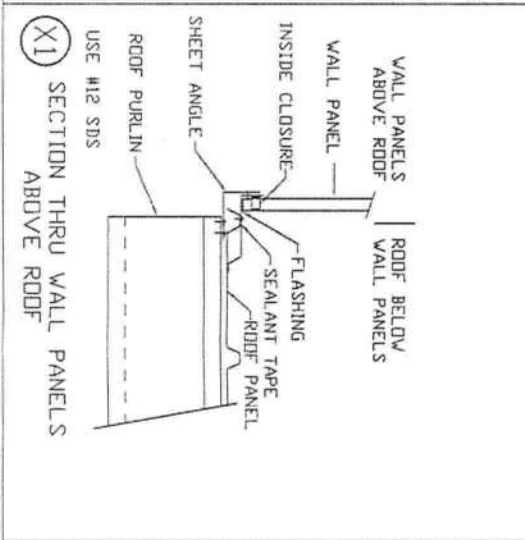
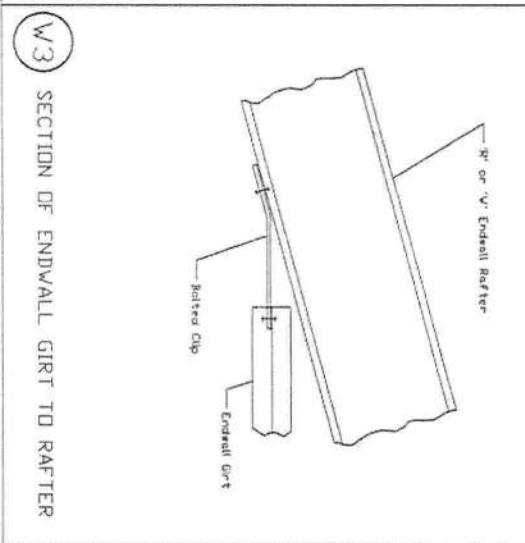
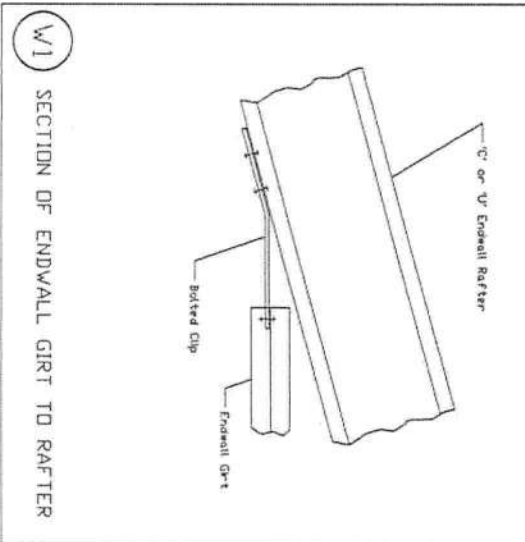
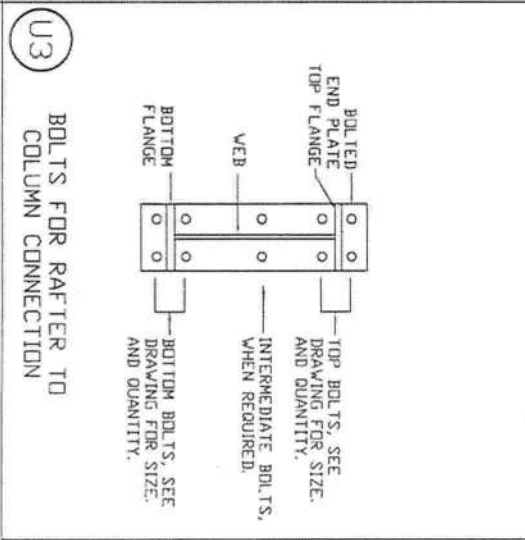
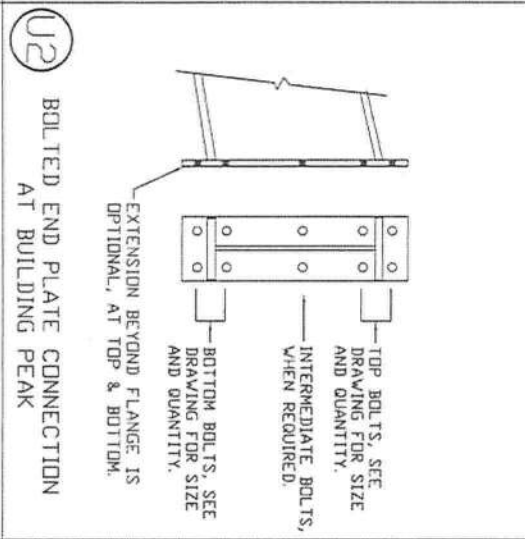
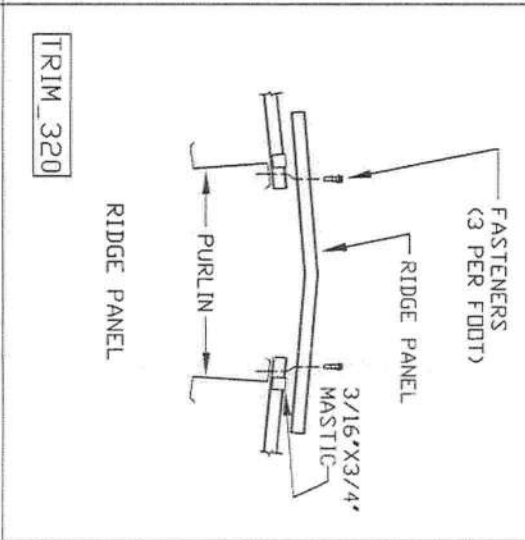
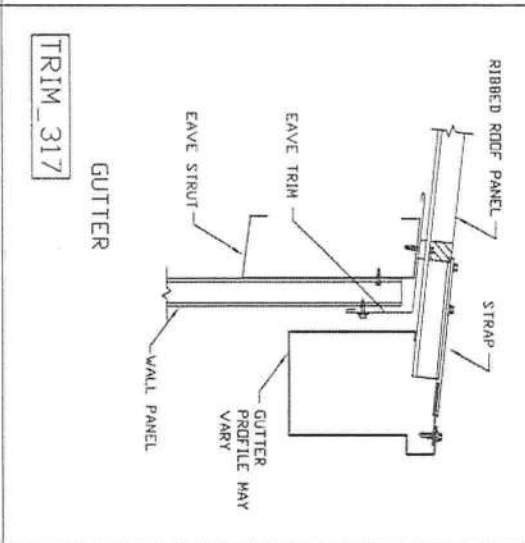
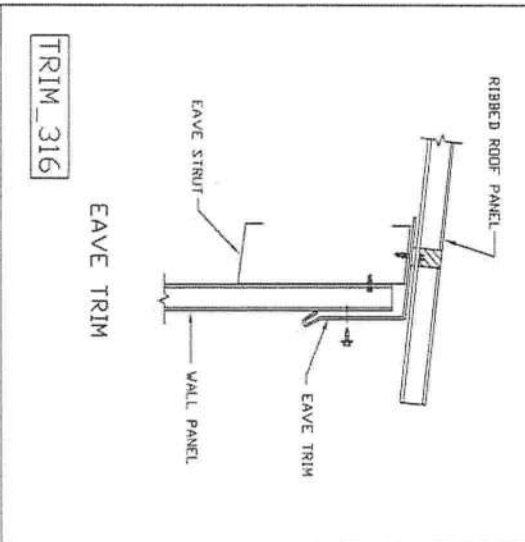
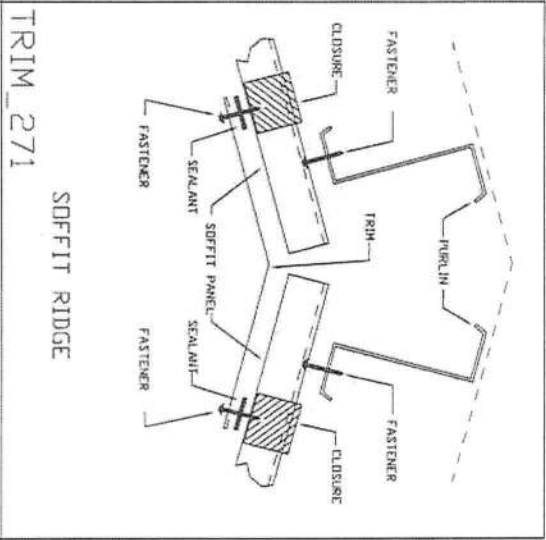
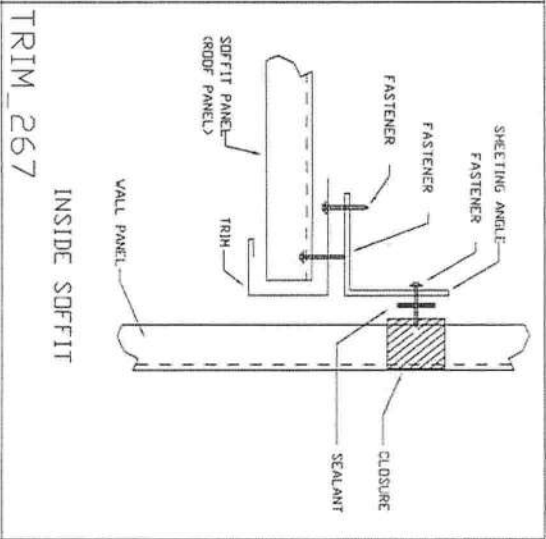
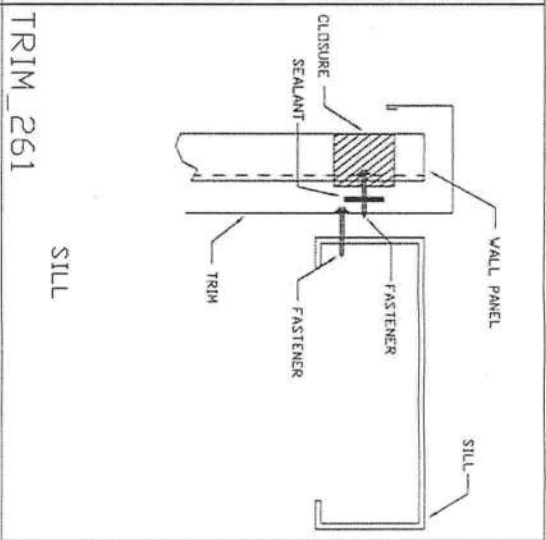
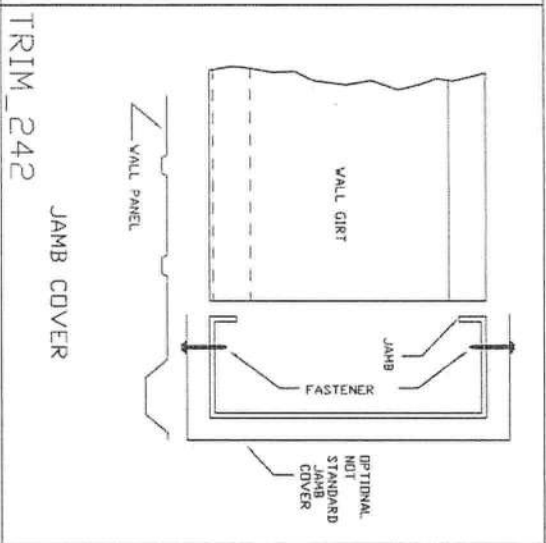
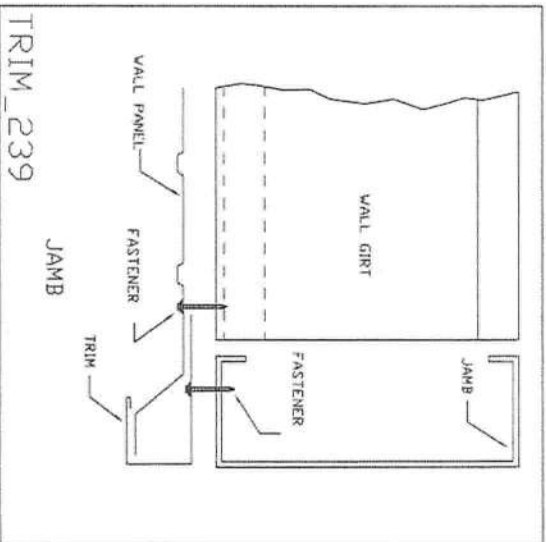
A.	
B.	
C.	
D.	
E.	
F.	
G.	

[illegible]

JOB NAME	Janelle Burnett Residence		ID#	21-100
JOB LOCATION	Lake City, FL 32024			
DRAWN	DATE	SCALE		
JDH	1/12/21		N.T.S.	
DRAWING TITLE			DRAWING#	
DETAIL DRAWINGS			29 OF 30	

Gregory S. Barfield, P.E.
2149 Nell Purvis Road
Adel, GA 31620
License # 54419





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License # 54419

2-22-21



LARIAT STEEL DESIGN

70 AIRPORT LANE ~ ADEL, GEORGIA 31620
PH: (229) 986-3022
FAX: (229) 986-3003
EMAIL: lsd@lariatsteel.com

DESIGN CRITERIA	
BUILDING CODE	2015 IBC
LIVE LOAD	40 PSF
WIND LOAD DIRECTION	AS SHOWN
COLLATERAL LOAD	AS SHOWN
SNOW LOAD	AS SHOWN
WIND LOAD (2 SECOND GUST)	AS SHOWN
WIND IMPORTANCE FACTOR	1.0
WIND EXPOSURE	AS SHOWN
CATEGORY (SEISMIC USE GROUP)	AS SHOWN

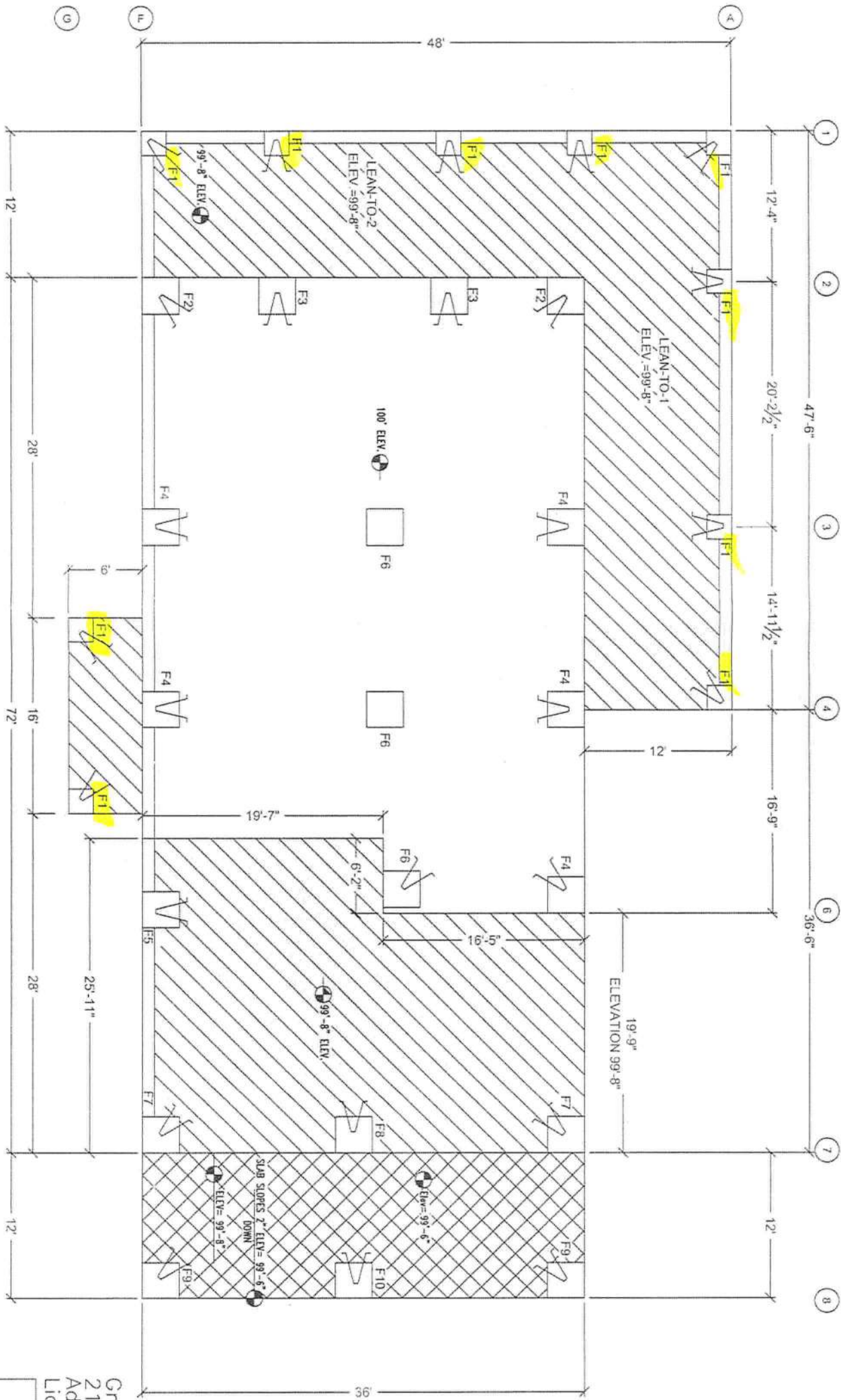
DESIGN NAME	Janelle Burnett Residence
JOB LOCATION	Lake City, FL 32024
DATE	1/12/21
SCALE	N.T.S.
DRAWING TITLE	DETAIL DRAWINGS
30 OF 30	

FOOTER SCHEDULE

ID	SIZE	REINFORCING
F1	2'0" X 2'0" X 2'0" DP	1-#4 MATT 6" O.C.
F2	3'0" X 3'0" X 3'0" DP	1-#4 MATT 6" O.C.
F3	3'0" X 3'0" X 2'0" DP	1-#4 MATT 6" O.C.
F4	3'0" X 3'0" X 3'0" DP	1-#4 MATT 6" O.C.
F5	3'0" X 3'0" X 3'0" DP	1-#4 MATT 6" O.C.
F6	3'0" X 3'0" X 2'0" DP	1-#4 MATT 6" O.C.
F7	3'0" X 3'0" X 2'0" DP	1-#4 MATT 6" O.C.
F8	3'0" X 3'0" X 2'0" DP	1-#4 MATT 6" O.C.
F9	3'0" X 3'0" X 3'0" DP	1-#4 MATT 6" O.C.
F10	3'0" X 3'0" X 3'0" DP	1-#4 MATT 6" O.C.

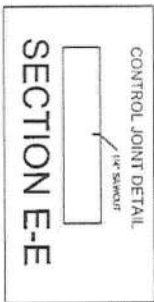
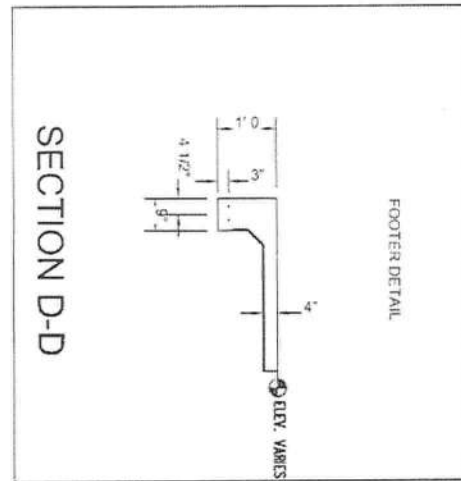
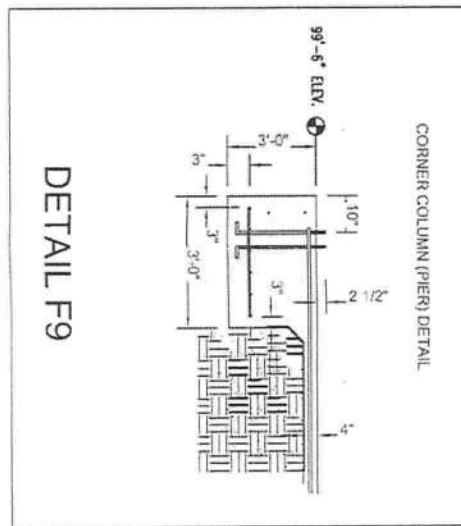
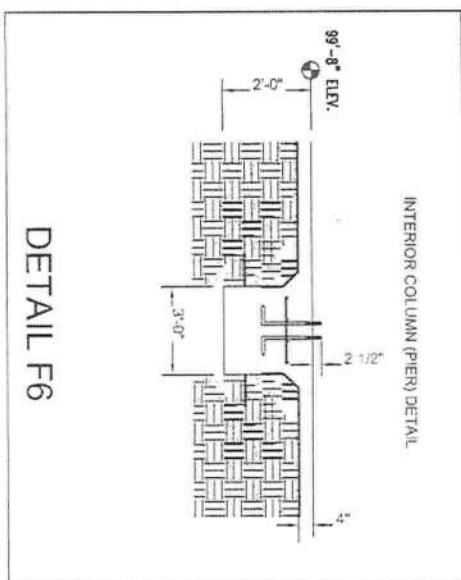
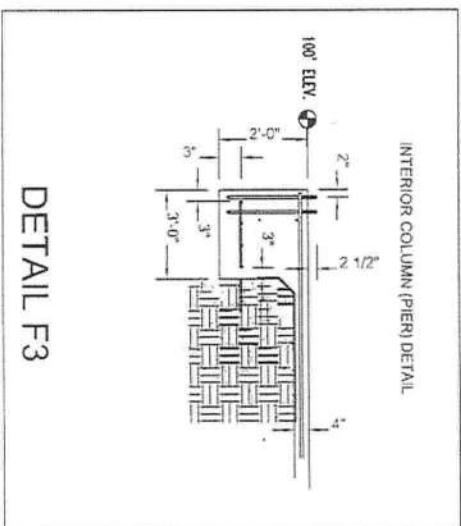
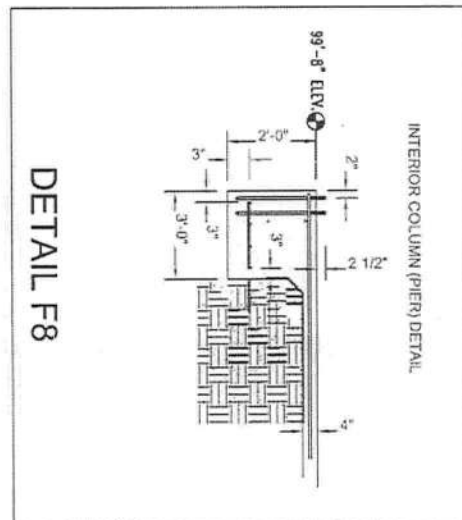
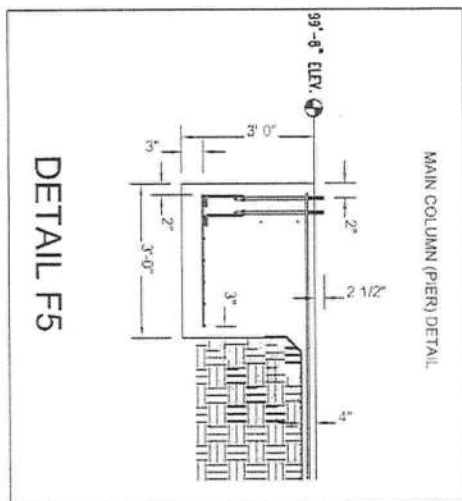
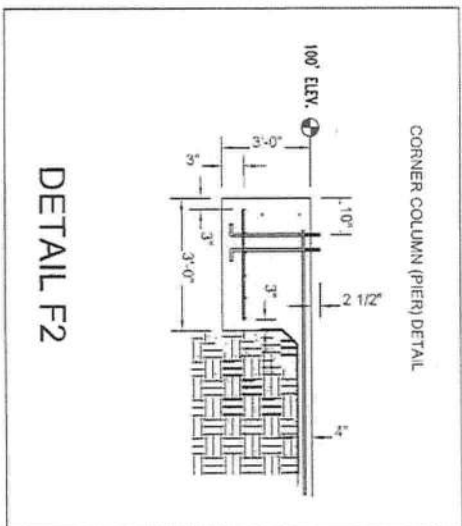
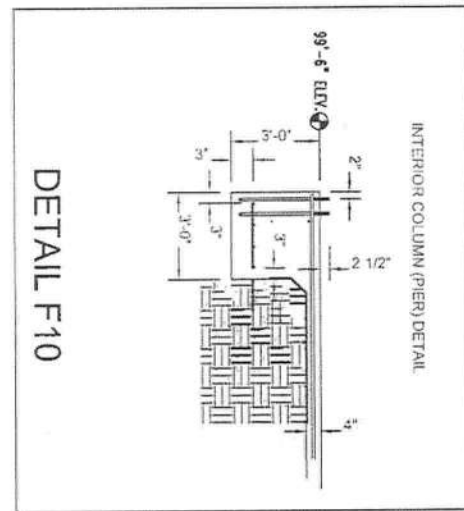
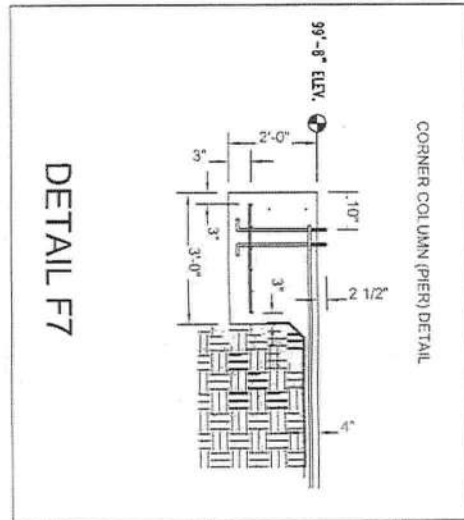
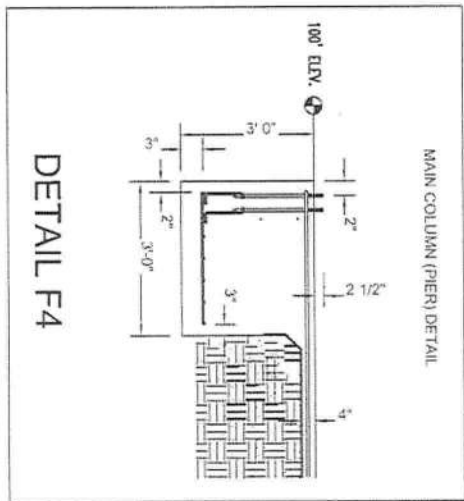
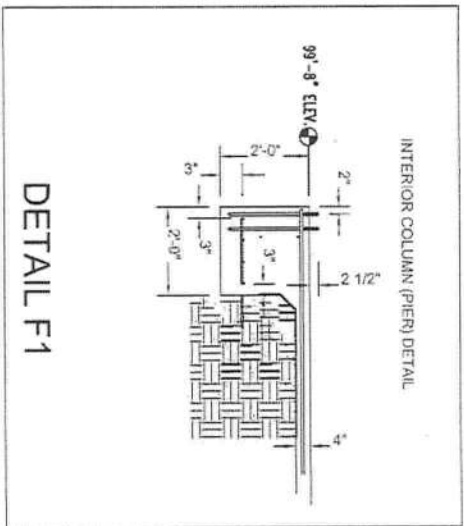
NOTE: ALL SPLICES IN REBAR
MUST BE MINIMUM OF 24"
(12" EACH WAY)

ELEVATION LEGEND	
	100'-0" ELEVATION
	99'-8" ELEVATION
	99'-6" ELEVATION



Gregory S. Barfield, P.E.
2149 Nell Purvis Road
Adel, GA 31620
License # 54419





- GENERAL FOUNDATION NOTES
1. ALL REINFORCING STEEL SHALL BE GRADE 60.
 2. ALL REINFORCING STEEL SHALL BE F.C.
 3. REINFORCING STEEL SHALL BE F.C.
 4. REINFORCING STEEL SHALL BE F.C.
 5. THE UPPER 12" OF BEARING SOILS IN FOOTING SHALL BE COMPACTED TO 96% OF THE STANDARD PROCTOR.
 6. MIN. REINFORCING STEEL COVER AT EARTH: 3".
 7. SLUMP RANGE AT POINT OF DISCHARGE: 3" TO 5".
 8. OVERLAP ALL W/RT A MINIMUM OF 8".
 9. LAP ALL REINFORCING STEEL A MIN. OF 16" 2'-0" OF EXISTING GRADE.
 10. REMOVE TOPSOIL & ORGANIC MATERIAL FROM TOP 2'-0" OF EXISTING GRADE.
 11. TAMP TO 5" OUTSIDE BUILDING FOOTPRINT WITH VIBRATORY PLATE TAMP.
 12. FILL TO WITHIN 4" OF F.F.E. WITH CLEAN SAND FILL.
 13. COMPACT TOP 6" OF FILL MATERIAL TO 95% OF STANDARD PROCTOR DENSITY (ASTM D 1557).
 14. SAW INDICATED CRACK CONTROL JOINTS WITHIN 4 HRS. OF CONCRETE PLACEMENT.
 15. SOIL IN FOOTING TRENCHES SHALL BE FREE OF ORGANIC MATERIAL OR CLAY. IF EITHER IS ENCOUNTERED IN FOOTING TRENCHES REMOVE IT & REPLACE WITH COMPACTED SAND.
 16. BUILDER TO REVIEW ALL DIMENSIONS & DETAILS COMPARE WITH ANCHOR BOLT DWGS FOR DISCREPANCIES.
 17. COMPACTATION TEST AND CONCRETE BREAK TEST IF REQUIRED TO BE OWNER RESPONSIBILITY.

