

DESIGN CRITERIA

Width (ft)	= 50
Length (ft)	= 100
Front Eave Height (ft)	= 22
Back Eave Height (ft)	= 22
Roof Slope (Rise/12)	= 1.0:12
Dead Load (psf)	= 2.000
Collateral Load (psf)	= 0.5
Roof Live Load (psf)	= 20.00
Frame Live Load (psf)	= 20.00 W/REDUCTION
Roof Snow Load (psf)	= 0
Wind Speed (mph)	= 100
Wind Code	= FBC 07 / IBC 06
Occupancy Category	= II - Normal
Exposure	= B
Closed/Open/Partial	= CLOSED
Importance - Wind	= 1.00
Internal Gcpi (ENCLOSED)	= +0.18 / -0.18
(PART, ENCLOSED)	= +0.55 / -0.55
(OPEN)	= +0.00 / -0.00

Structural Steel	
ASTM# (Plate)	= A1011
Plate Yield (Fy)	= 50.0 ksi
ASTM# (Bar)	= A592
Plate Yield (Fy)	= 50.0 ksi

Light Gage Steel	
ASTM# (Cold-Form)	= A1011
Cold-Form Yield (Fy)	= 55.0 ksi
ASTM# (Panel)	= A792
Panel Yield (Fy)	= 80.0 ksi

NOTE: ALL CONNECTION BOLTS ARE DESIGNATED IN THESE DRAWINGS AS EITHER A "M" FOR A307 BOLTS OR A "H" FOR A325 BOLTS.

FLORIDA PRODUCT APPROVAL NUMBER	
PBR ROOF PANEL	11868.2
PBR WALL PANEL	11917.4
3070 WALKDDORS	10028.1
10'-0" X 10'-0" OVERHEAD DDDR	12152.1
16'-0" X 14'-0" OVERHEAD DDDR	12152.1

NOTES TO ERECTOR/OWNER:

- [1] MBM IS NOT RESPONSIBLE FOR THE ERECTION OF THE BUILDING, THE SUPPLY OF ANY TOOLS OR EQUIPMENT, OR ANY OTHER FIELD WORK UNLESS MBM HAS BEEN CONTRACTED FOR THESE. MBM DOES NOT PROVIDE ANY FIELD SUPERVISION FOR THE ERECTION OF THE BUILDING, NOR DOES MBM PERFORM ANY INSPECTIONS DURING OR AFTER ERECTION.
- [2] USE ONLY THE ERECTION DRAWINGS PROVIDED BY MBM AND INCLUDED IN THE ERECTOR'S PACKAGE DELIVERED BY THE TRUCK DRIVER WITH THE BUILDING. MBM IS NOT LIABLE FOR ANY CLAIM RESULTING FROM THE USE OF OTHER DRAWINGS.
- [3] CHECK SLAB AND ANCHOR BOLT PLACEMENTS BEFORE STANDING ANY FRAMING. IF THE SLAB IS NOT SIZED CORRECTLY OR IS OUT OF SQUARE, OR IF THE ANCHOR BOLTS ARE NOT CORRECTLY LOCATED, CALL MBM. MBM IS NOT LIABLE FOR LABOR CHARGES RESULTING FROM STANDING FRAMING ON AN INCORRECT SLAB.
- [4] BEGIN ERECTION WITH A BRACED BAY. INSTALL THE EAVE STRUTS FIRST AND THEN THE PURLINS WHICH FALL AT THE CABLE ATTACHMENT POINTS. NEXT, INSTALL ROOF AND WALL CABLES TO A SNUG CONDITION, SO THAT THE FRAMING IS BRACED. FINISH INSTALLING PURLINS AND GIRTS IN THE BRACED BAY. USING THE THE CABLE BRACING, SQUARE AND PLUMB THE FRAMING. CONTINUE WITH REMAINING BAYS, INSTALLING BRACING AS ADDITIONAL BRACED BAYS ARE ERECTED.
- [5] THE CORRECTION OF MINOR MISFITS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS INTO LINE, MODERATE AMOUNTS OF REAMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORT-AGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM. CONTACT MBM BEFORE MAKING ANY FIELD MODIFICATION TO THE BUILDING. MBM DOES NOT PAY CLAIMS FOR ER-ROR CORRECTION UNLESS APPROVED IN WRITING BY MBM BEFOREHAND.

COLORS:

ROOF:	GALVALUME
WALLS:	COLOR
GABLE:	COLOR
EAVE:	COLOR
CORNER:	COLOR
FRAMED OPENINGS:	COLOR
GUTTER:	COLOR
DOWNSPUTS:	COLOR
BASE:	COLOR



Richard T. Smith

PE # 43547

102 Main Street Ste#212

Lagrange, Georgia Ph: (706) 888-4874



REVIEWED
By Richard T. Smith at 3:21 pm, Jun 08, 2017

REVISIONS

[1]	
[2]	
[3]	
[4]	
[5]	

FOR: Aaron Nickelson
Global Innovation, LLC.
496 S.W.Ring Court
Lake City, FL. 32025
JOBSITE: LAKE CITY, FL

FROM: BUCK STEEL, INC.
6810 LYONS TECH. CIR #105
COCONUT CREEK, FL 33073

JOB NO: 1480_BLDG#1

DATE: 6/1/11

BY: JDH SCALE: NONE

TITLE: COVER PAGE

The diagram shows a column with a horizontal line and a vertical line. The horizontal line is labeled with 'H' and 'V' at both ends. The vertical line is labeled with 'A' and 'B' at the top and bottom. The text 'COLUMN LINE' is written vertically along the right side of the column.

Frm Col Line Line	Load Id	Column		Reactions (k)		Avc. Bolt No D(in)	Base Plate (in)		Groot (in)		
		Hmax H	Vmax V	Load Id	Hmin H		Vmin V	Wid Len		Thk	
2 * E	3	3.5	4.3	4	-4.9	4	0.750	6.000	8.250	0.375	0.0
	1	3.3	9.7	6	-0.1	-11.4					
2 * A	5	4.9	-4.3	2	-3.5	4	0.750	6.000	8.250	0.375	0.0
	1	-3.3	9.7	7	0.1	-11.3					
2 * Frame lines: 2 3 4											

Form Line	Col Line	Load Id	Column Hmax H		Reactions (k) V Id		Anc. Bolt No D(in)	Base Plate Wid Len	Thk	Grout (in)		
			Vmax	Hmin	Vmin	Hmin						
5	E	3	2.0	4	-2.7	-2.2	4	0.750	6.000	8.250	0.375	0.0
		2	1.9	6	0.0	-4.5						
5	A	5	-2.7	2	-2.0	2.7	4	0.750	6.000	8.250	0.375	0.0
		1	-1.9	8	0.0	-4.5						

[illegible][illegible]

Qty	Loc	Dia (in)	Type	Projection (in)
8	DL	5/8"	A307	1.50
20	EW	3/4"	A307	1.50
32	RF	3/4"	A307	2.50

Frame	Column	Line	Dead	Collateral	Live	Wind_L1	Wind_R1	Wind_L2
2 *	A	Horiz	0.6	1.9	2.6	-4.8	1.2	-5.4
2 *	E	Vert	-0.6	1.9	7.5	-1.2	-4.6	-0.8
2 *	A	Horiz	-0.6	-0.1	-2.6	-4.6	4.8	-1.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	-0.6	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2	LnWind1	LnWind2	Seismic_L	Seismic_R	LnWind1_L2E
2 *	A	Horiz	0.8	-1.2	-0.6	-0.1	0.1	0.0
2 *	E	Vert	-5.4	0.4	-4.9	-0.1	-0.1	-1.3
2 *	A	Horiz	5.2	-5.4	-8.3	-0.1	-0.1	-0.2
Frame	Column	Line	Wind_R2					

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 braced boy. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width (ft)	=	50.0
Length (ft)	=	100.0
Eave Height (ft)	=	22.0 / 22.0
Roof Slope (Rise/12)	=	1.0 / 1.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	0.5
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	20.00 W/REDUCTION
Wind Speed (mph)	=	100.0
Wind Code	=	FBC 07 (IBC 06)
Exposure	=	B
Closed/Open/Partial	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Design Category	=	B
Seismic Coef (Fa/Ss)	=	0.19

5. Loading conditions are

- 1 DI+CL+L
- 2 DI+CL+0.75L+0.75M1
- 3 DI+CL+0.75L+0.75M1
- 4 0.60D+W12
- 5 0.60D+W2
- 6 0.60D+LWm2
- 7 0.60D+LWm1+LWmD1_L2E
- 8 0.60D+LWm1+LWmD1_R2E
- 9 1.02D1+1.02C1-0.70Se1L
- 10 0.60D+W12+WS
- 11 0.60D+W1+LWmD1
- 12 0.60D+W1+WS
- 13 0.60D+W1+LWmD2

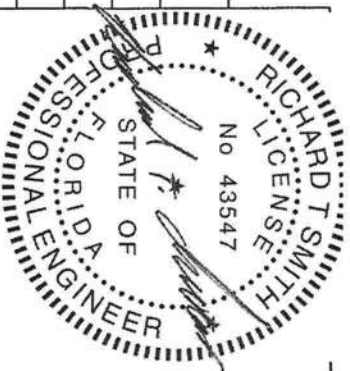
		$\pm$ Reactions (k)						Panel
		Col	Wind	Seismic	Shear			
		Line	Horz	Vert	Horz	Vert	(lb/ft)	
L _{EW}	1						6.0	
F _{SW}	A	1.2	3.6	2.9	0.4	0.3		
R _{EW}	E	3.0	At Endwall					
B _{SW}	E	3.2	3.7	2.9	0.4	0.3		

		± Reactions (k)					Panel
		Col	--Wind--	Seismic-	Shear		
		Line	Horz	Vert	Horz	Vert	(lb/ft)
L_EW	1						6.
R_EW	A	1	2	3.6	2.9	0.4	0.3
B_SW	E	3	2	Frame At Endwall			
				3.7	2.9	0.4	0.3

CUSTOMER: Aaron Nickelson/Global Innovation, LLC.

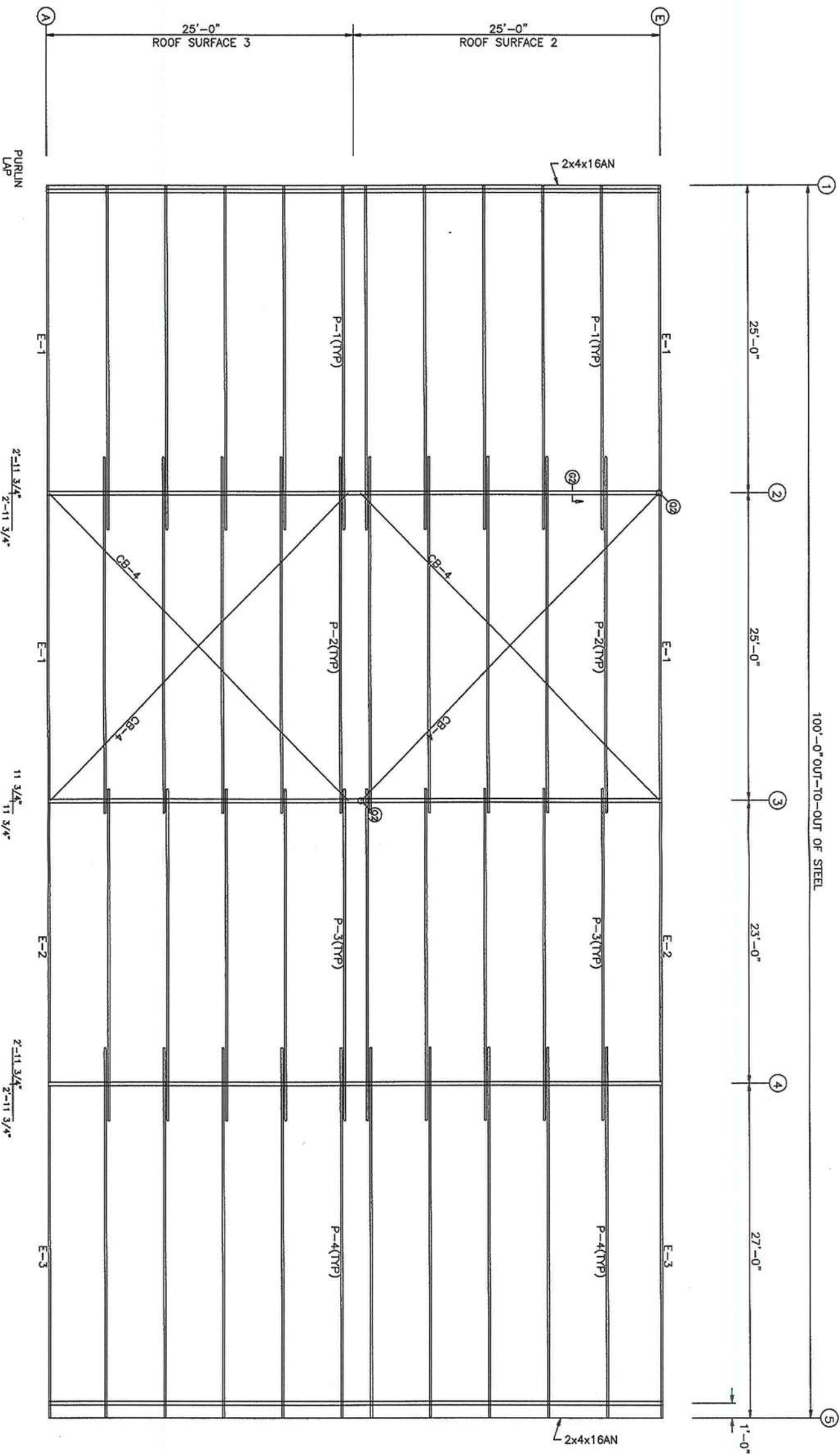
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[1]		LOCATION:	LAKE CITY, FL		
[2]		DRAWING NAME:	ANCHOR BOLT REACTIONS		
[3]		DRAWING NO:	PAGE 1.2	DRAWN BY:	JDH
				CHECKED BY:	BHM

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By Richard T Smith at 3:21 pm, Jun 08, 2011

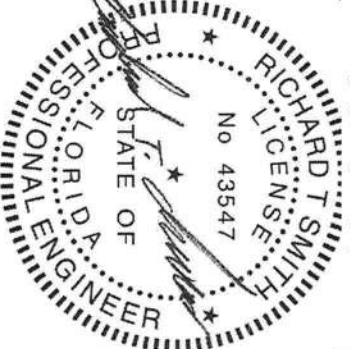
MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	10x25Z16	27'-11 1/2"
P-2	10x25Z16	28'-11 1/2"
P-3	10x25Z16	26'-11 1/2"
P-4	10x25Z16	29'-11 1/2"
E-1	10ES14@1	24'-11 1/2"
E-2	10ES14@1	22'-11 1/2"
E-3	10ES14@1	26'-11 1/2"
CB-4	1/4 CBL	33'-11 1/2"



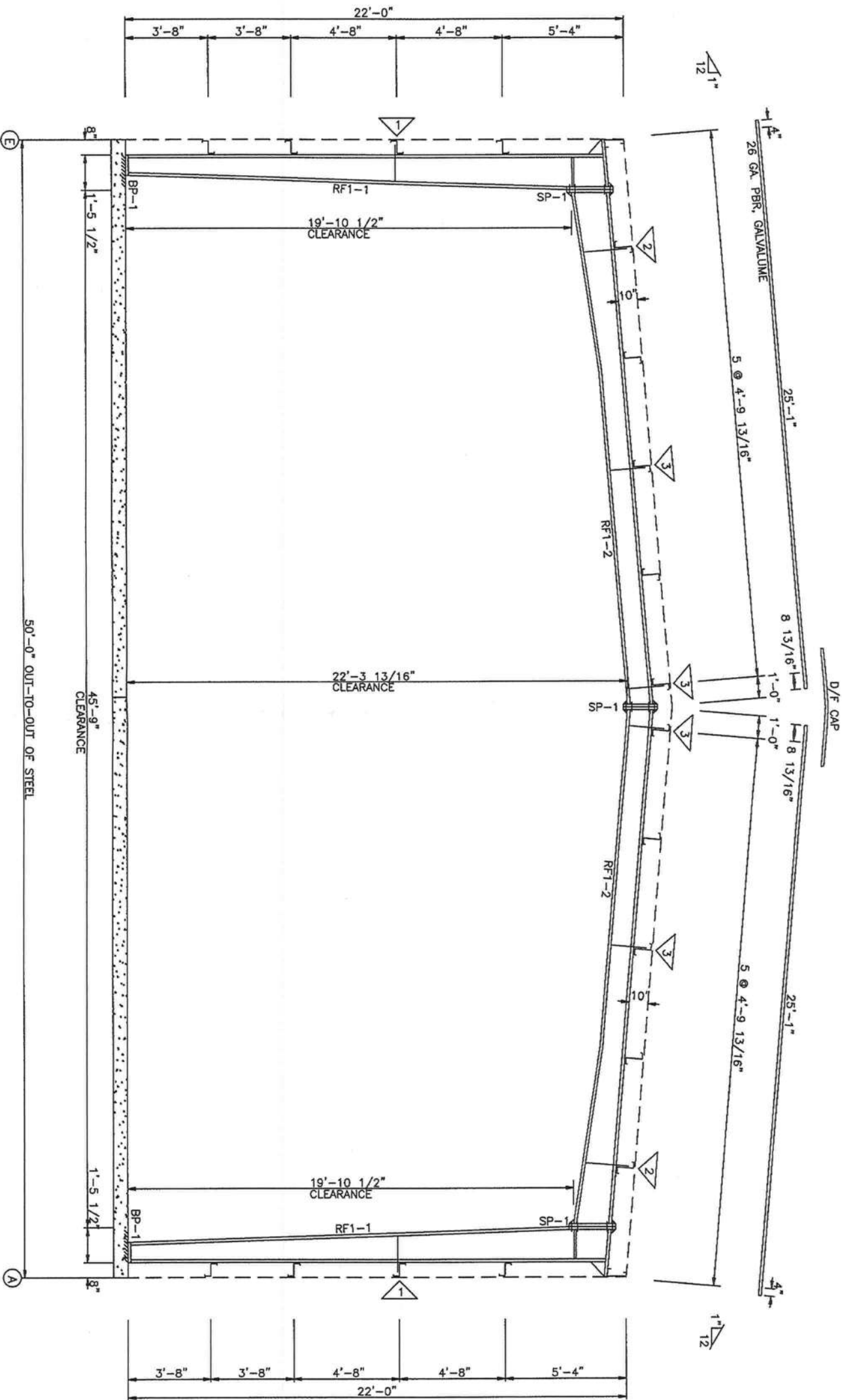
ROOF FRAMING PLAN

BUCK STEEL, INC.	
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.	
JOB NO: 1480_BLDG#1	DATE: 6/ 1/11
LOCATION: LAKE CITY, FL	
DRAWING NAME: ROOF FRAMING LAYOUT	
DRAWING NO: PAGE 2	DRAWN BY: JDH
SCALE: NONE	
CHECKED BY: BHM	
REVISIONS	
[1]	
[2]	
[3]	

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SPICE BOLTS			QUAN			BOLT		
MARK	Top	Bot	Int	Type	DIA	Length		
SP-1	4	4	0	A325	5/8"	2"		
FLANGE BRACE TABLE								
FRAME LINE	2	3	4					
BASE PLATES								
COL	MARK	PLATE SIZE	Width	THICK	Length			
BP-1	6"	3/8"	8 1/4"					



RIGID FRAME ELEVATION
FOR FRAME LINE 2 3 4

MEMBER SIZE TABLE		WEB PLATE		OUTSIDE FLANGE		INSIDE FLANGE	
MARK	WEB DEPTH	START/END	THICK	W x T x LENGTH	W x T x LENGTH	W x T x LENGTH	W x T x LENGTH
RF1-1	7/8 / 9/8	0.134	4'-5 1/8"	5 x 1/4" x 20'-0"	5 x 1/4" x 19'-6 5/16"	5 x 1/4" x 15'-11 1/16"	5 x 1/4" x 14'-11 1/16"
RF1-2	9/8 / 17/0	0.188	15'-9 1/4"	5 x 5/16" x 2'-1 5/16"	5 x 5/16" x 2'-1 5/16"	5 x 5/16" x 2'-1 5/16"	5 x 5/16" x 2'-1 5/16"
	17/0 / 17/0	0.134	8'-0"	5 x 1/4" x 20'-0"	5 x 1/4" x 20'-0"	5 x 1/4" x 20'-0"	5 x 1/4" x 20'-0"
	17/0 / 10/5	0.134	15'-0"	5 x 1/4" x 2'-10 9/16"	5 x 1/4" x 2'-10 9/16"	5 x 1/4" x 2'-10 9/16"	5 x 1/4" x 2'-10 9/16"
	10/5 / 10/5	0.134	15'-0"	5 x 1/4" x 2'-10 9/16"	5 x 1/4" x 2'-10 9/16"	5 x 1/4" x 2'-10 9/16"	5 x 1/4" x 2'-10 9/16"

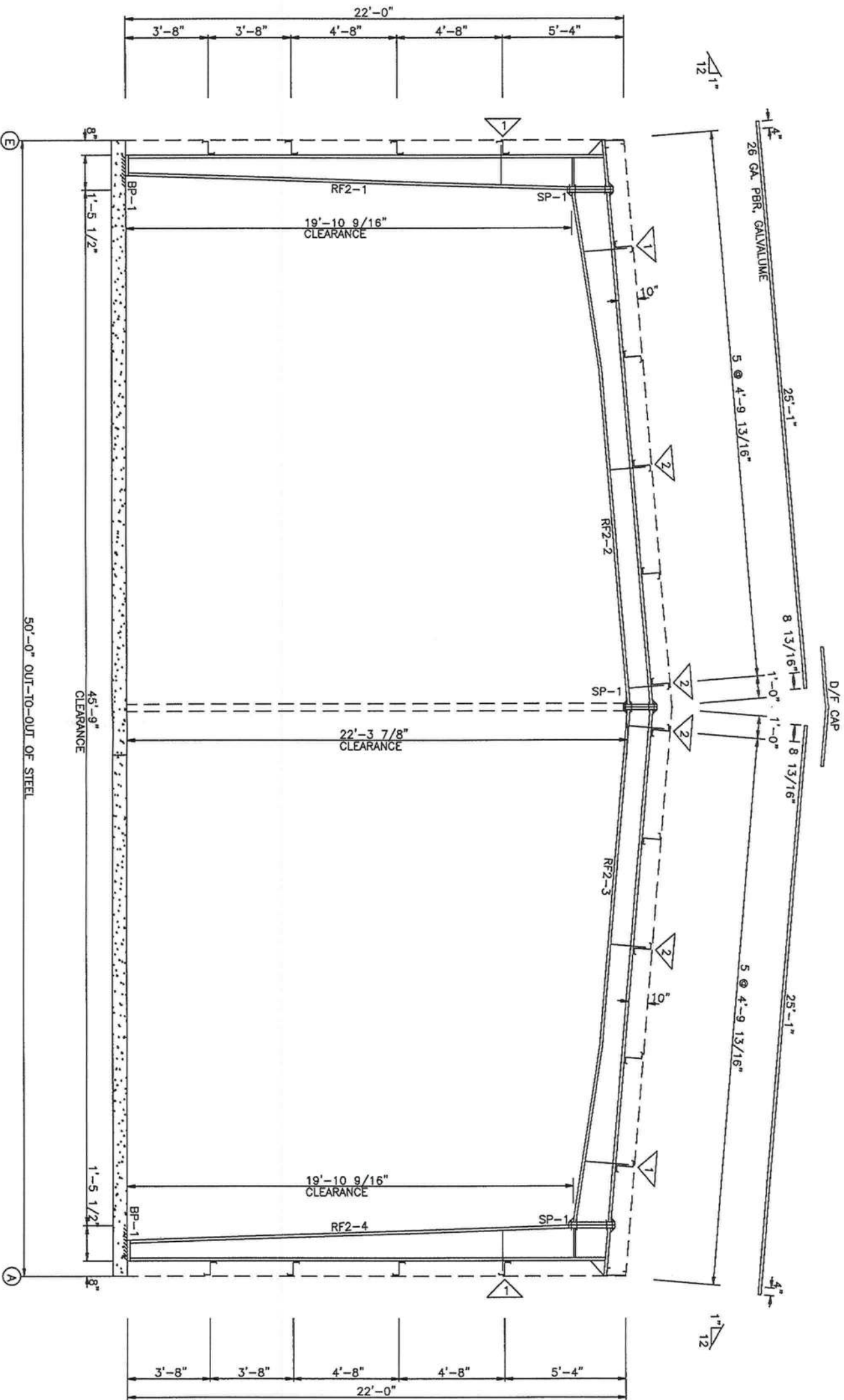
REVISIONS		CUSTOMER:		BUCK STEEL, INC.	
[1]		JOB NO:	1480_BLDG#1	DATE:	6 / 1/11
[2]		LOCATION:	LAKE CITY, FL		
[3]		DRAWING NAME:	RIGID FRAME CROSS SECTION		
		DRAWING NO:	PAGE 2.1		
		DRAWN BY:	JDH	CHECKED BY:	BHM

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REVIEWED
By Richard T Smith at 3:21 pm, Jun 08, 2011

PROFESSIONAL ENGINEER
RICHARD T. SMITH
No 43547
FLORIDA
STATE OF

SPICE BOLTS		-----BOLT		
SPICE MARK	QUAN	Top/Bot	Int TYPE	DIA
SP-1	4	4	0	A325 5/8"
FLANGE BRACE TABLE				
FRAME LINE 5				
△ID	#SIDES	MARK	LENGTH	
1	1	FBS	2'-6 1/2"	
2	1	FBI	2'-4 1/2"	
BASE PLATES				
COL MARK	PLATE SIZE			
	Width	THICK	Length	
BP-1	6"	3/8"	8 1/4"	



MEMBER SIZE TABLE			
MARK	WEB DEPTH START/END	WEB PLATE THICK	OUTSIDE FLANGE W x T x LENGTH
RF2-1	7.8/ 9.9	0.134	5 x 1/4" x 20'-0"
RF2-2	9.9/17.0	0.134	5 x 1/4" x 2'-1 5/16"
RF2-3	17.0/17.0	0.134	5 x 1/4" x 2'-10 9/16"
RF2-4	17.0/17.0	0.134	5 x 1/4" x 2'-10 9/16"
SP-1	17.0/17.0	0.134	5 x 1/4" x 2'-10 9/16"
BP-1	17.0/17.0	0.134	5 x 1/4" x 2'-10 9/16"

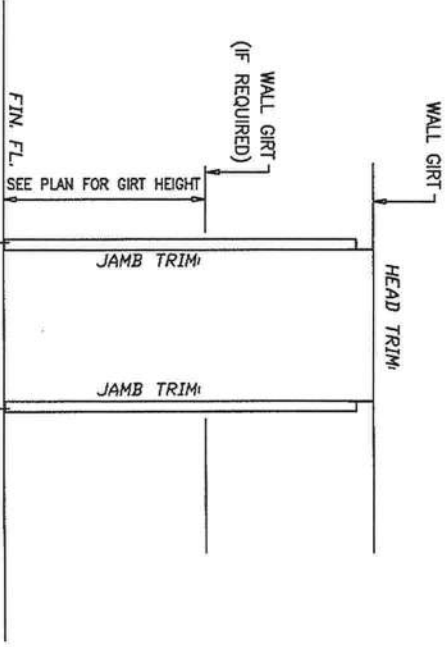
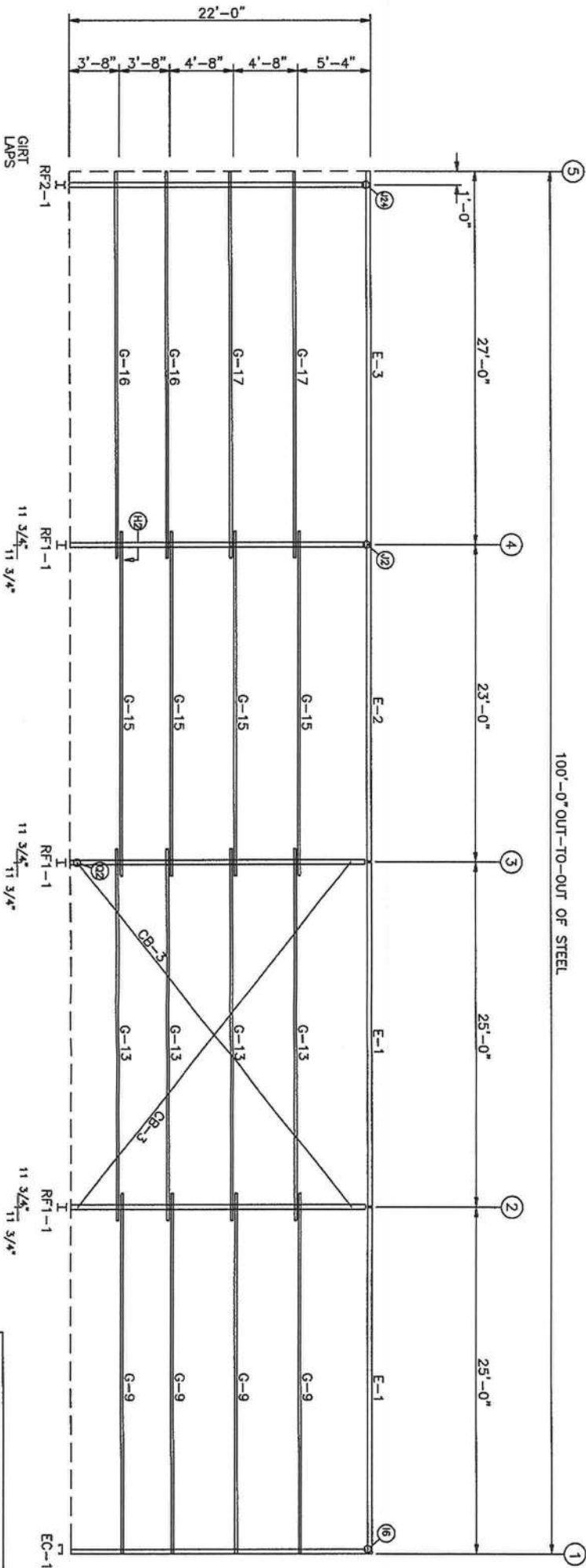
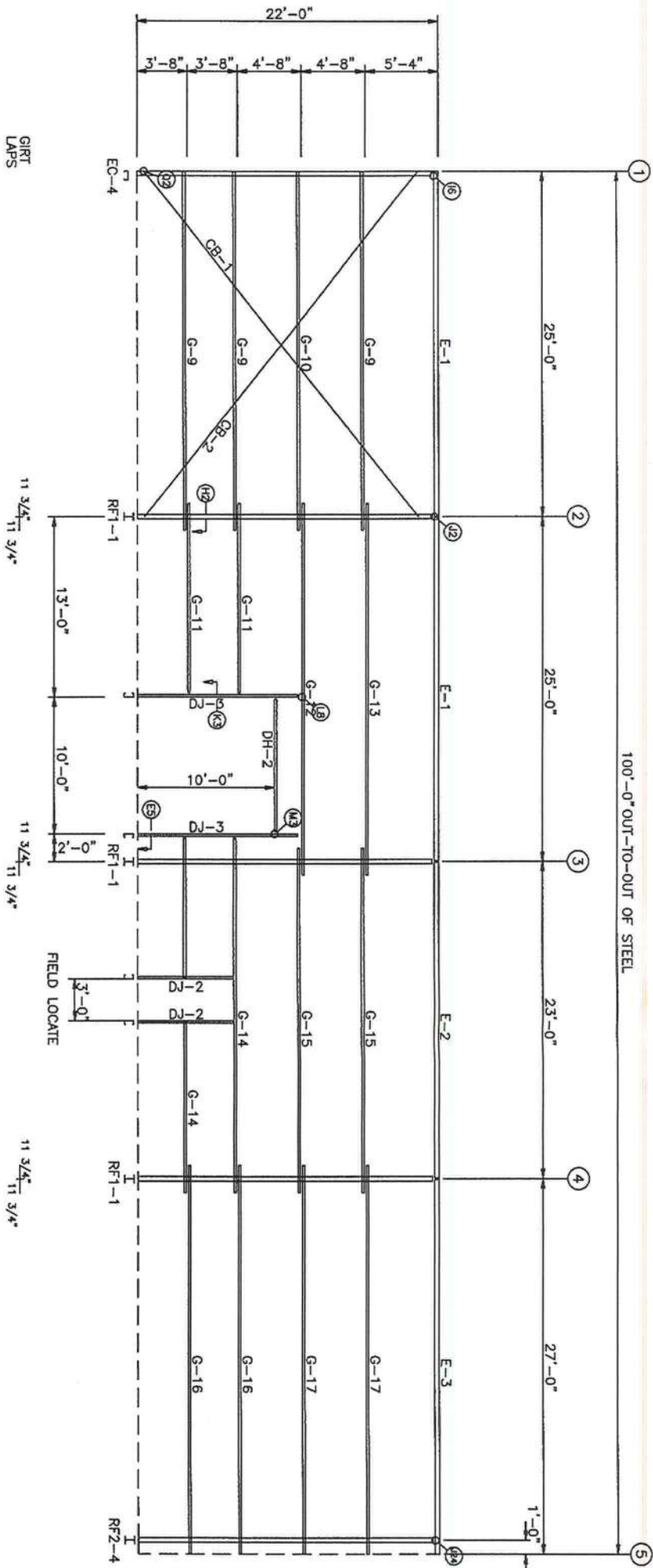
REVISIONS		CUSTOMER:	
[1]		Aron Nickelson/Global Innovation,LLC.	
[2]		1480_BLDG#1	
[3]		LAKE CITY, FL	
DRAWING NAME:		RIGID FRAME CROSS SECTION	
DRAWING NO:		PAGE 2.2	
SCALE:		NONE	
CHECKED BY:		BHM	

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REVIEWED
By Richard T Smith at 3:21 pm, Jun 08, 2011

PROFESSIONAL ENGINEER
RICHARD T. SMITH
No 43547
STATE OF FLORIDA

MEMBER TABLE			FRAME LINE A & E
MARK	PART	LENGTH	
DJ-2	8x25C16	7'-4"	
DJ-3	8X35C16	12'-0"	
DH-2	8X35C16	10'-0"	
E-1	10ES14@1	24'-11 1/2"	
E-2	10ES14@1	22'-11 1/2"	
E-3	10ES14@1	26'-11 1/2"	
G-9	8x25Z16	25'-11 1/2"	
G-10	8x25Z14	25'-11 1/2"	
G-11	8x25Z16	13'-7 1/2"	
G-12	8x25Z14	26'-11 1/2"	
G-13	8x25Z16	26'-11 1/2"	
G-14	8x25Z16	25'-7 1/2"	
G-15	8x25Z16	24'-11 1/2"	
G-16	8x25Z16	27'-11 1/2"	
G-17	8x25Z14	27'-11 1/2"	
CB-1	5/16 CBL	32'-3"	
CB-2	5/16 CBL	31'-5"	
CB-3	5/16 CBL	32'-11"	

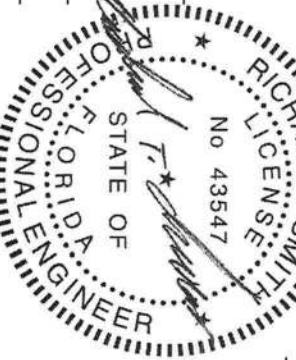


FIELD LOCATED 3070 F.O.

1. FIELD CUT AND WORK GIRTS, PANELS, AND TRIM AS REQUIRED.

2. REFER TO DETAIL PAGES FOR APPLICABLE TRIM DETAILS. (SEE DETAIL PAGE 5.1)

Richard T. Smith
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SIDEWALL FRAMING: FRAME LINE E

BUCK STEEL, INC.

CUSTOMER: Aaron Nickelson/Global Innovation,LLC.

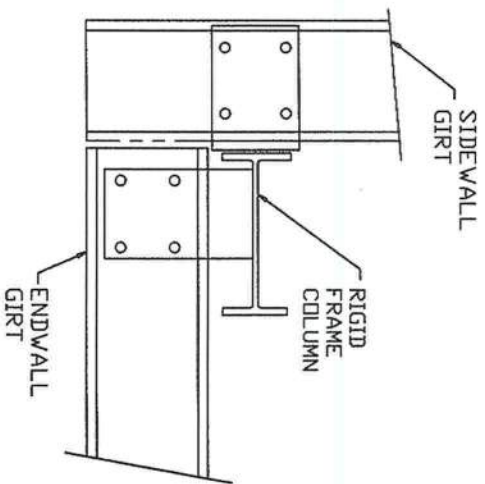
JOB NO: 1480_BLDG#1

LOCATION: LAKE CITY, FL

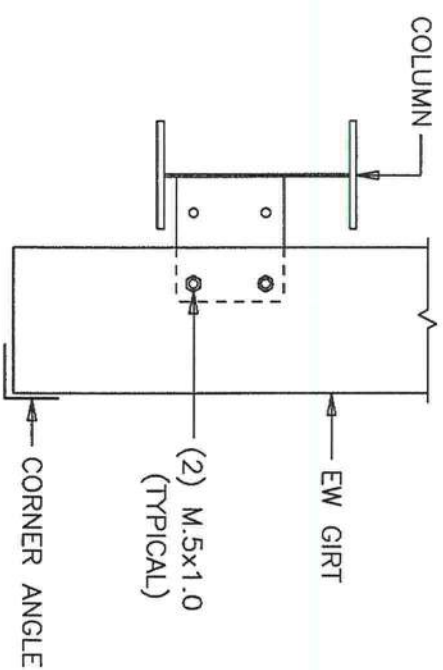
REVISIONS	
[1]	
[2]	
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DRAWING NAME: SIDEWALL FRAMING LAYOUT	SCALE: NONE
DRAWING NO: PAGE 3	CHECKED BY: BHM
DRAWN BY: JDH	

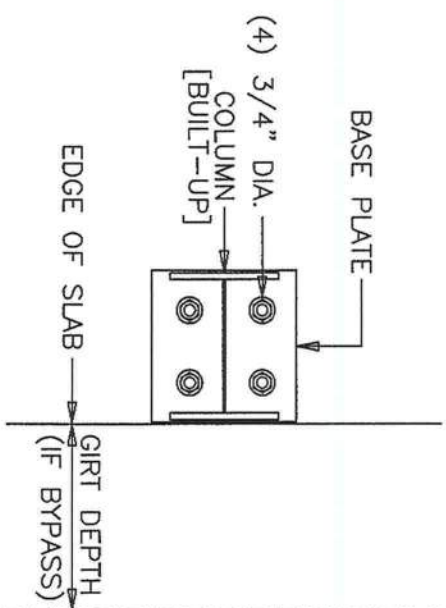
REVIEWED
By Richard T Smith at 3:24 pm, Jun 08, 2014



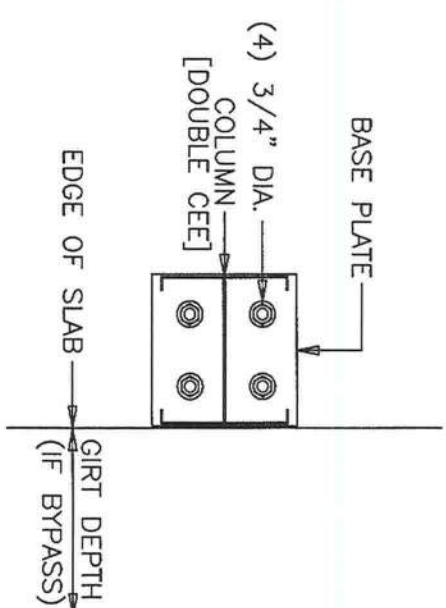
D16 CORNER COLUMN TO WALL GIRT



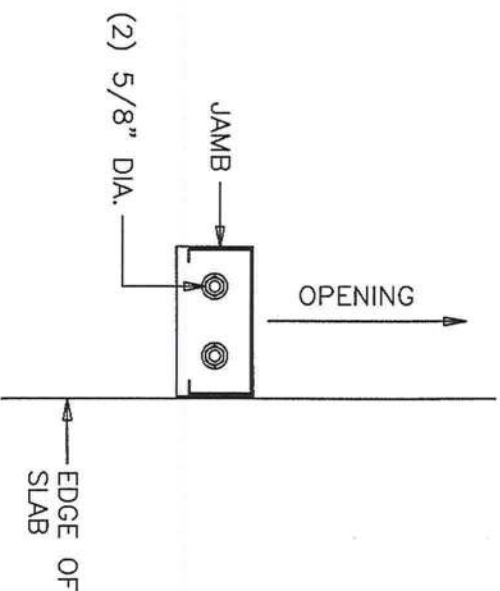
GIRTS TO CORNER COLUMN



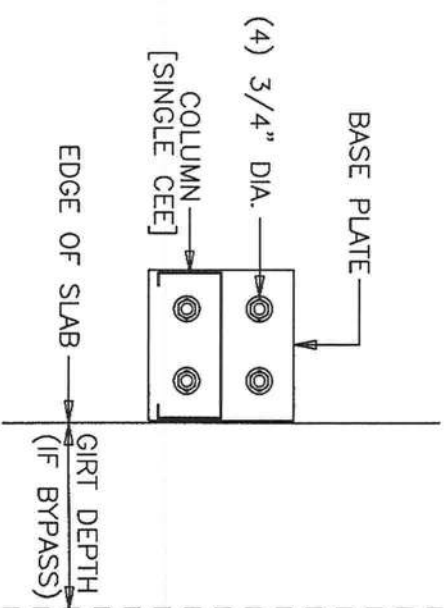
ENDWALL COLUMN BASE DETAIL



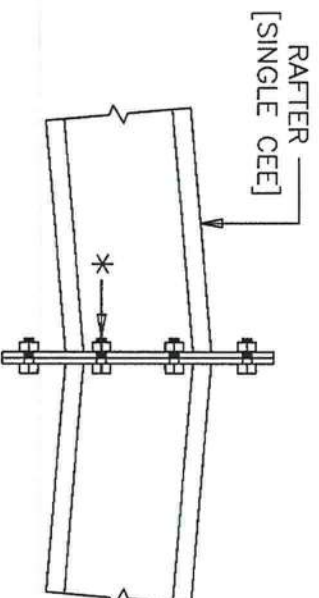
ENDWALL COLUMN BASE DETAIL



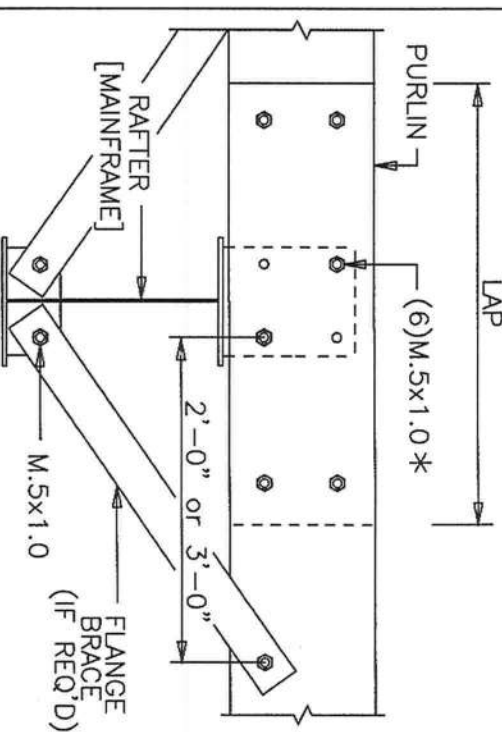
FRAMED OPENING JAMB BASE DETAIL



ENDWALL COLUMN BASE DETAIL



RAFTER DETAIL AT RIDGE



DETAIL G2

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk. (706) 888-4874

BUCK STEEL, INC.

CUSTOMER: Aaron Nickelson/Global Innovation,LLC.

JOB NO: 1480_BLDG#1 DATE: 6/ 1/11

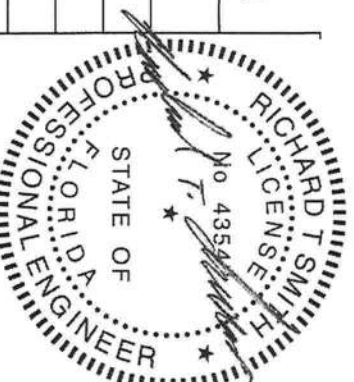
LOCATION: LAKE CITY, FL

DRAWING NAME: FRAMING DETAILS

DRAWING NO: PAGE 5.1

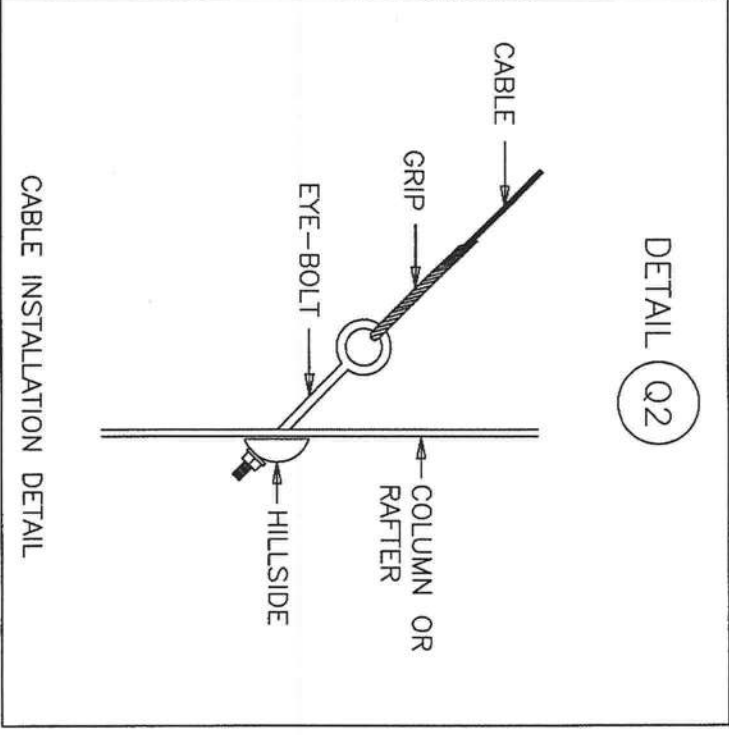
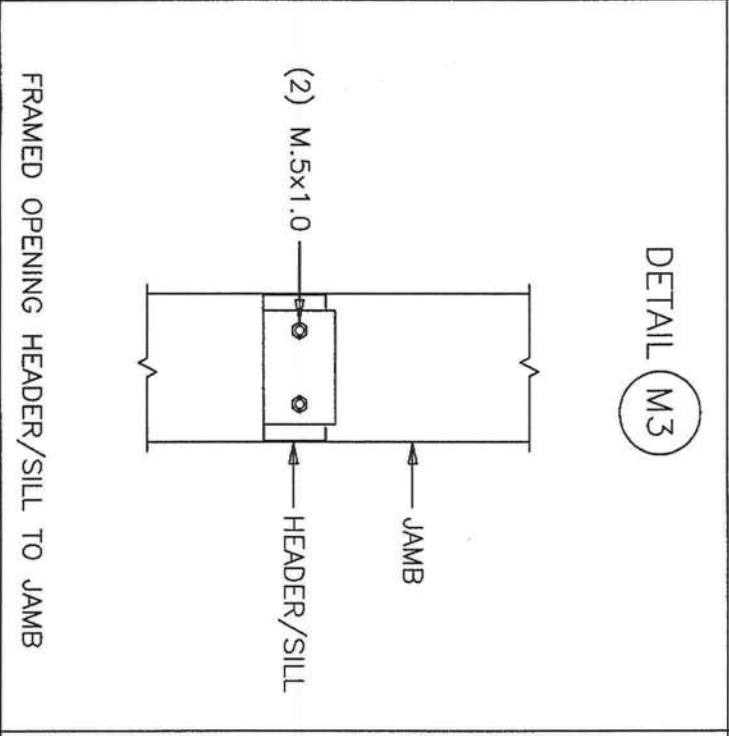
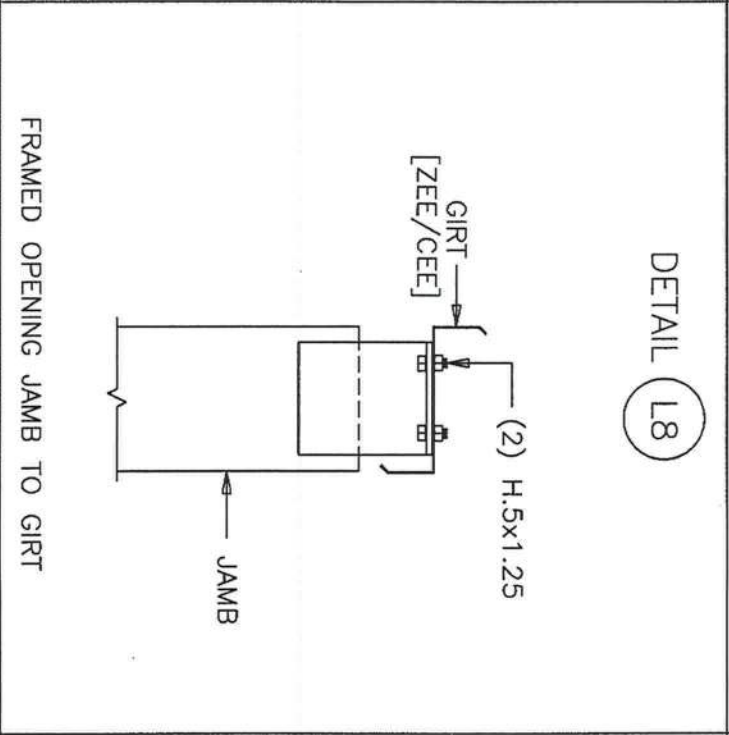
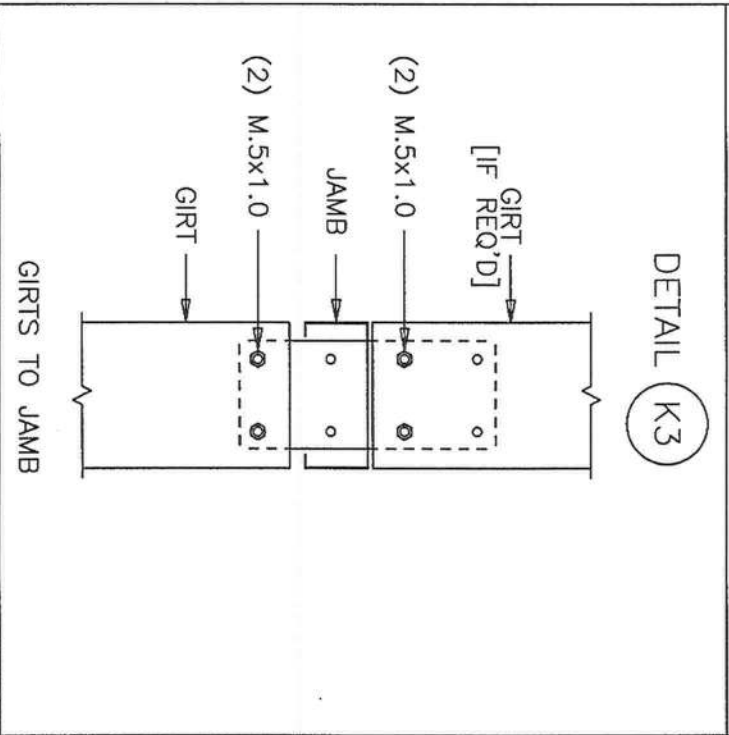
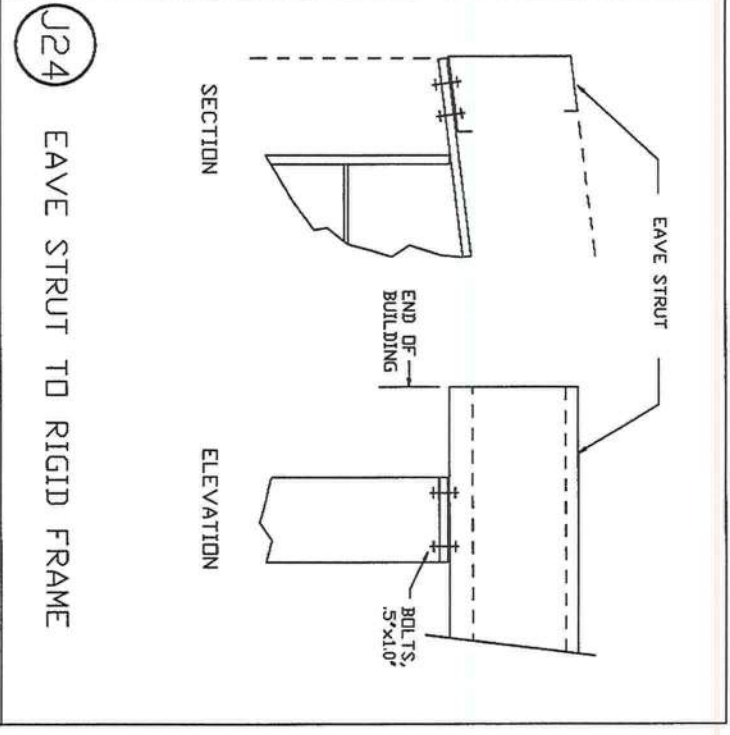
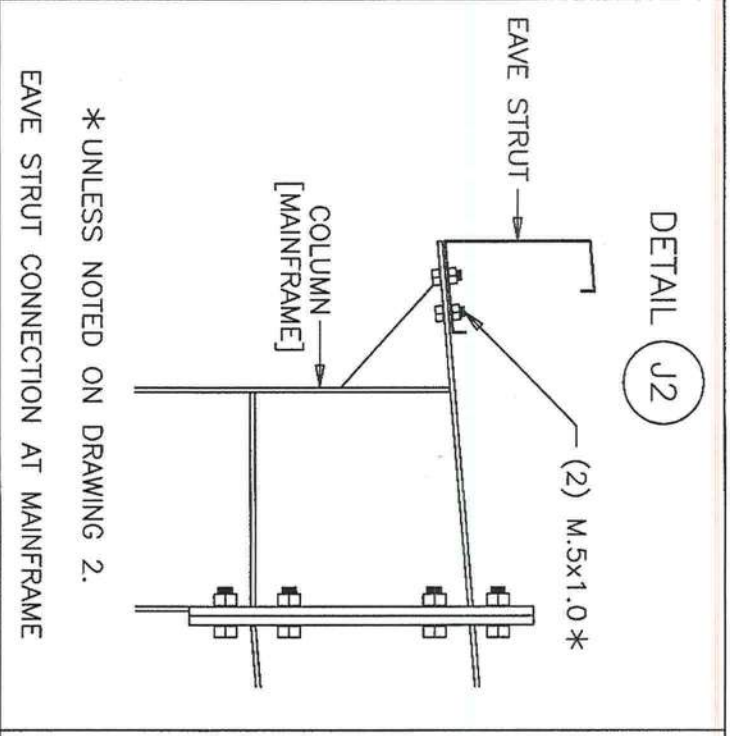
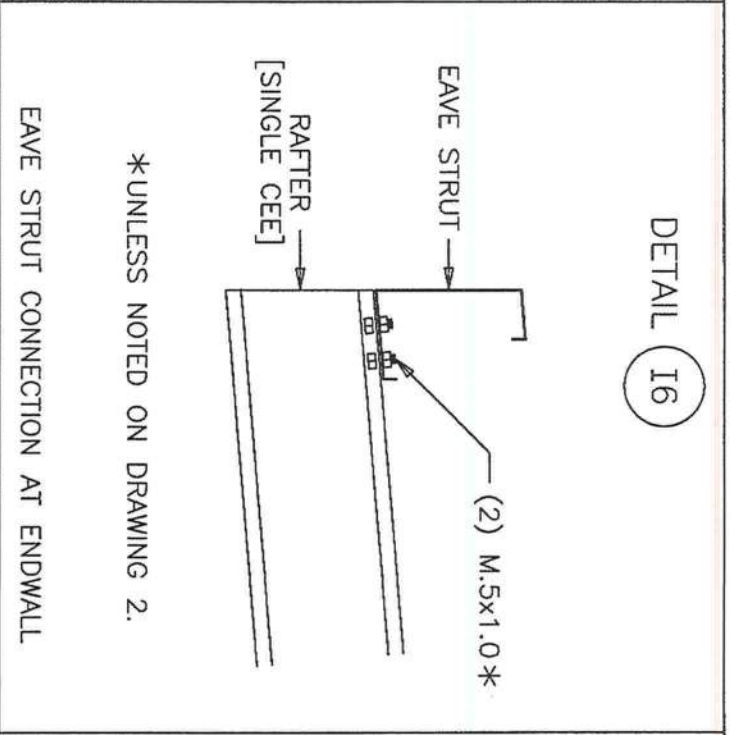
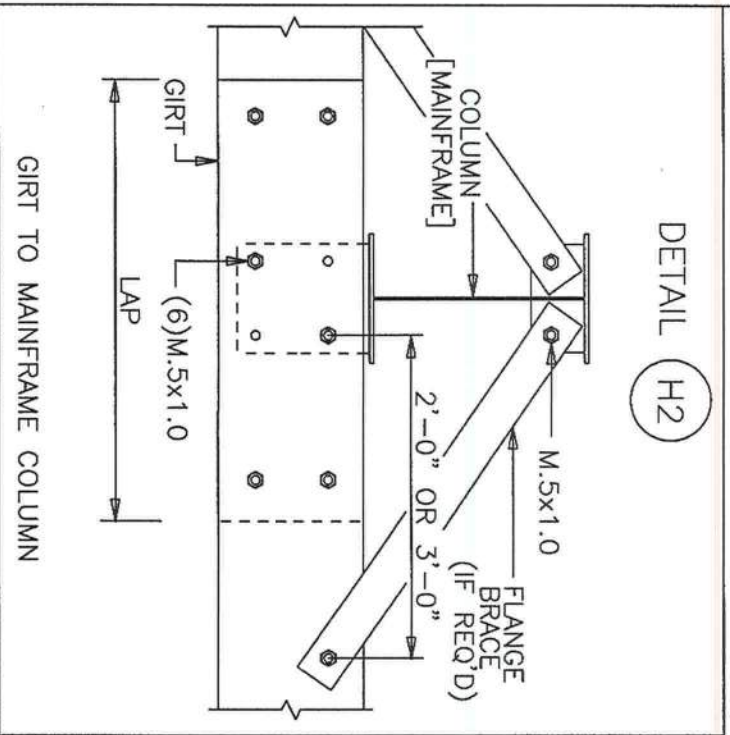
DRAWN BY: JDH

CHECKED BY: BHM



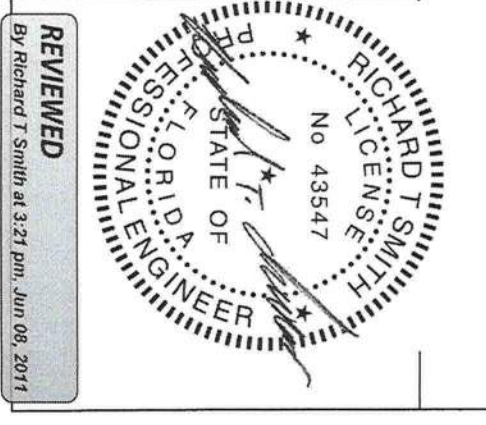
REVIEWED

By Richard T Smith at 3:21 pm, Jun 08, 2011



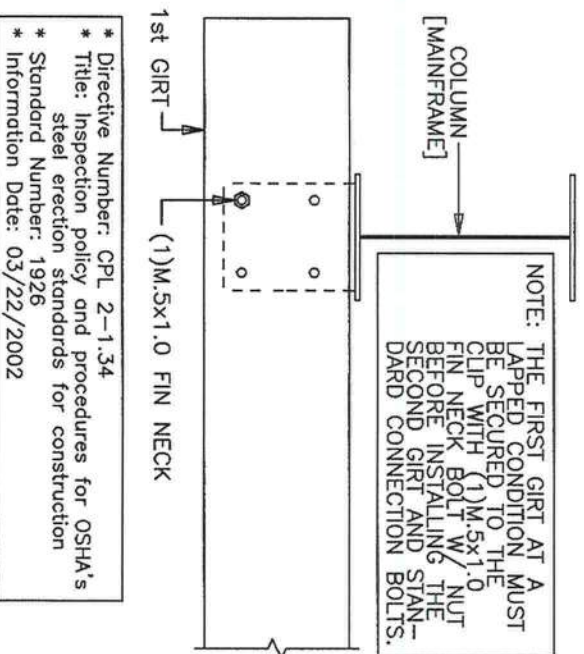
Richard T. Smith
 PE # 43347
 102 Main Street Ste#212
 Lagrange, Georgia Ph: (706) 888-4874

BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.			
JOB NO:	1480-BLDG#1	DATE:	6/ 1/11
REVISIONS	LOCATION: LAKE CITY, FL		
[1]			
[2]	DRAWING NAME: FRAMING DETAILS		
[3]	DRAWING NO: PAGE 5.2		
DRAWN BY: JDH		CHECKED BY: BHM	

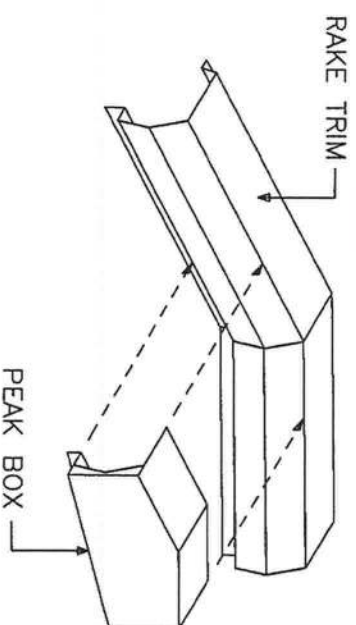


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 By Richard T. Smith at 3:21 pm, Jun 08, 2011

OSHA REQUIREMENT

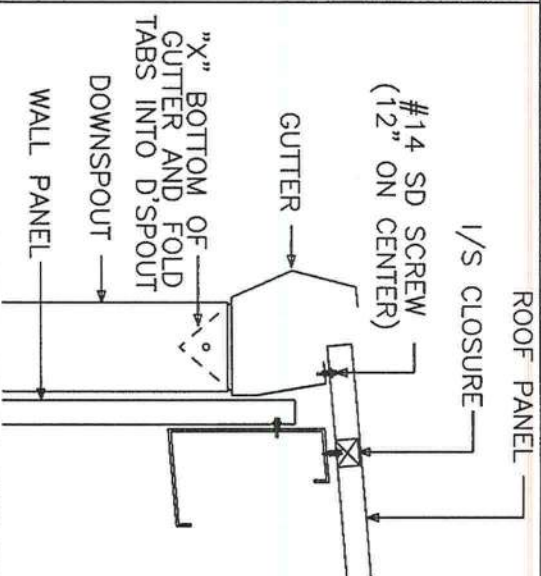


LAPPED GIRTS TO MAINFRAME COLUMN



TRIM_4

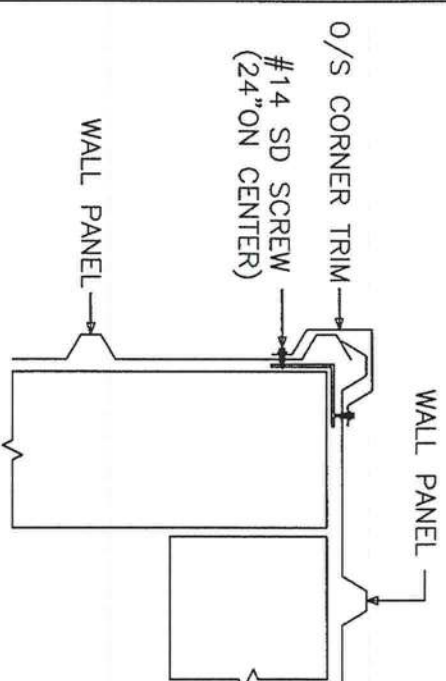
PEAK BOX DETAIL



NOTE: INSTALL GUTTER STRAPS 3'0" ON CENTER.
NOTE: INSTALL D'SPOUT STRAPS 5'0" ON CENTER.

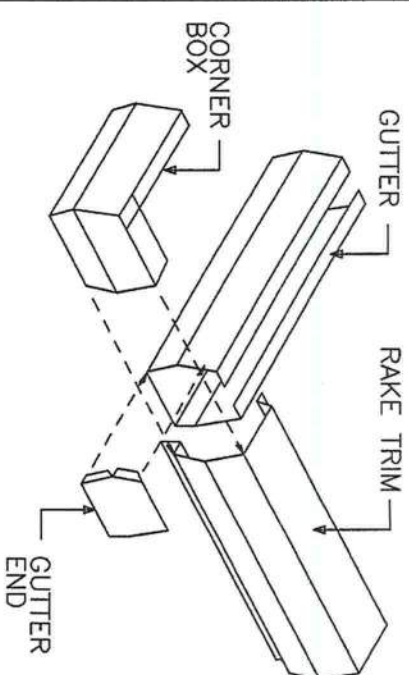
TRIM_1

GUTTER DETAIL



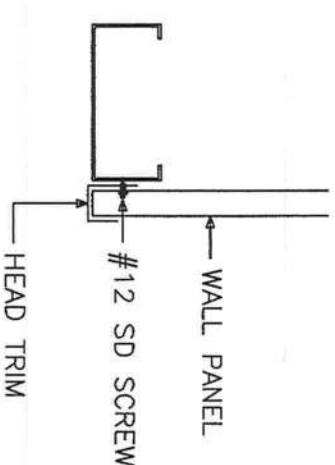
TRIM_5

O/S CORNER DETAIL



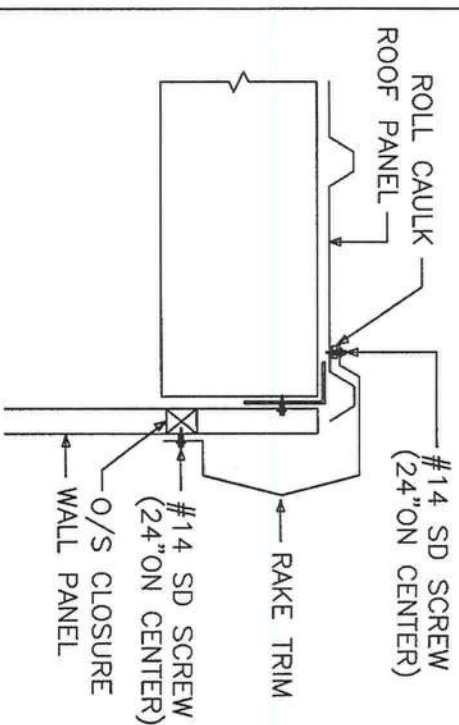
TRIM_2

GUTTER END DETAIL



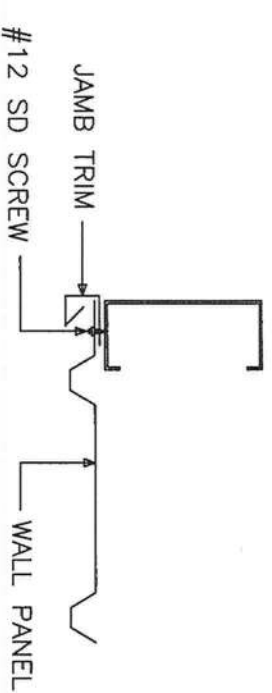
TRIM_6

HEAD TRIM DETAIL AT HEADER



TRIM_3

RAKE TRIM DETAIL



TRIM_8

JAMB TRIM DETAIL AT JAMB

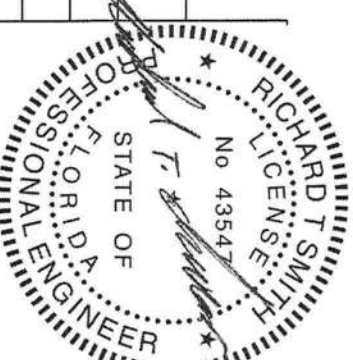
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk: (706) 888-4874

BUCK STEEL, INC.

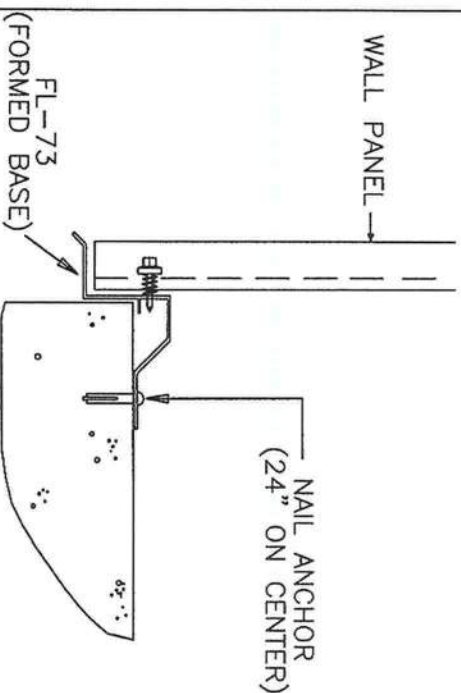
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.

REVISIONS

NO.	DATE	DESCRIPTION
[1]	6/1/11	LAKE CITY, FL
[2]		FRAMING DETAILS
[3]		PAGE 5.3



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By Richard T Smith at 3:21 pm, Jun 08, 2011



TRIM_9
FORMED BASE DETAIL

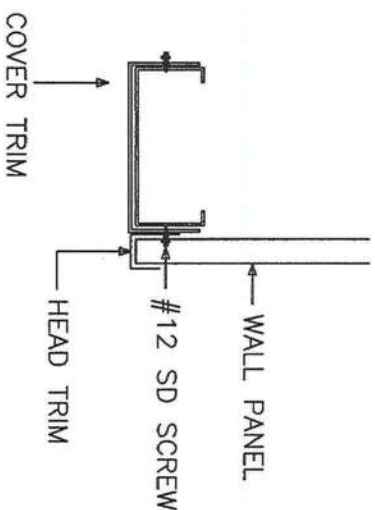
NOTE: THE PROPER TIGHTENING AND INSPECTION OF ALL FASTENERS IS THE RESPONSIBILITY OF THE ERECTOR. ALL HEAVY STRUCTURAL (A325, A490) BOLTS AND NUTS MUST BE TIGHTENED BY THE TURN-OF-NUT METHOD SHOWN BELOW. A325 AND A490 BOLTS ARE DESIGNATED BY MBM WITH A H. (SEE H/35X2.0 OR H/35X2.75)

TURN-OF-NUT TIGHTENING: BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG-TIGHT CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN THE PILES OF THE JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. SNUG TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE CONNECTION TO THE FREE EDGES UNTIL ALL BOLTS ARE SIMULTANEOUSLY SNUG TIGHT AND THE CONNECTION IS FULLY COMPACTED. FOLLOWING THIS INITIAL OPERATION ALL BOLTS IN THE CONNECTION SHALL BE TIGHTENED FURTHER BY THE APPLICABLE AMOUNT OF ROTATION SPECIFIED IN THE TABLE BELOW. DURING THE OPERATION THERE SHALL BE NO ROTATION OF THE FACT NOT TURNED BY THE WRENCH. TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT TO THE FREE EDGES.

NUT ROTATION FROM SNUG-TIGHT CONDITION

BOLT LENGTH UP TO AND INCLUDING	REQUIRED ROTATION
4 DIAMETERS	1/3 TURN
OVER 4 DIA- METERS BUT NOT EXCEEDING 8 DIAMETERS	1/2 TURN
OVER 8 DIA- METERS BUT NOT EXCEEDING 12 DIAMETERS	2/3 TURN

NOTES:[1] NUT ROTATION IS RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED.
[2] APPLICABLE ONLY TO CONNECTIONS IN WHICH ALL MATERIAL WITHIN THE GRIP OF THE BOLT IS STEEL.



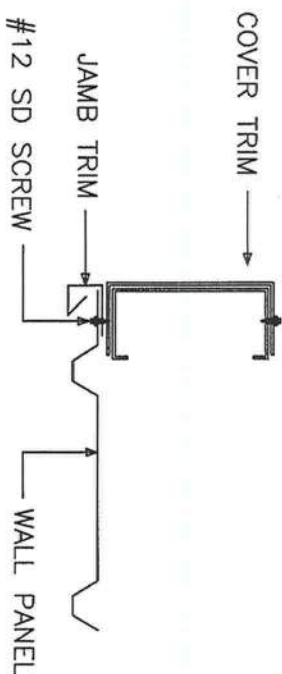
TRIM_10
COVER TRIM DETAIL AT HEADER

MORTISE PREPPED PERSONNEL DOORS

ALL MORTISE PREPPED PERSONNEL DOORS COME AS RIGHTHAND REVERSED SWING.

(i.e. STANDING ON THE OUTSIDE OF THE BUILDING FACING THE DOOR, THE LOCK WILL BE ON THE LEFTHAND SIDE OF THE DOOR AND THE DOOR WILL SWING OUTWARD FROM THE BUILDING.)

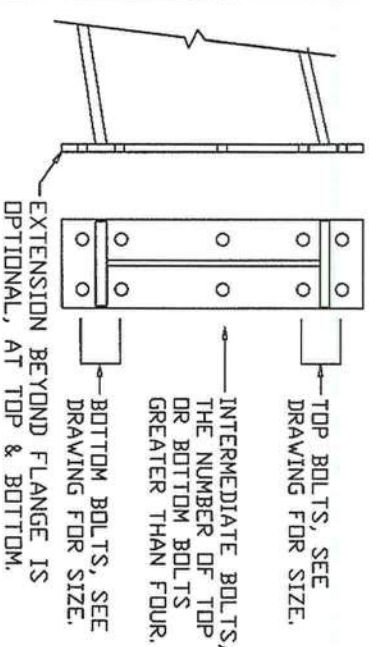
ANY FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE ERECTOR AND MBM IS NOT LIABLE FOR LABOR CHARGES NOR DAMAGES DUE TO ERROR.



TRIM_11
COVER TRIM DETAIL AT JAMB

TRIM NOTES:

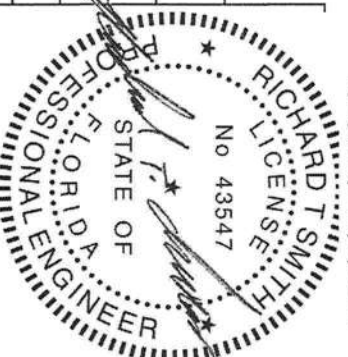
- [1] SEAL TRIM SPLICES WITH TUBE CAULK.
- [2] SECURE GUTTER SPLICES AND END PLUGS WITH RIVETS.
- [3] SECURE ALL OTHER ROOF TRIM SPLICES WITH TRIM SCREWS UNLESS NOTED OTHERWISE.
- [4] TRIM SCREWS ARE LOCATED 24" ON CENTER UNLESS NOTED OTHERWISE.



U2
BOLTED END PLATE CONNECTION AT BUILDING PEAK

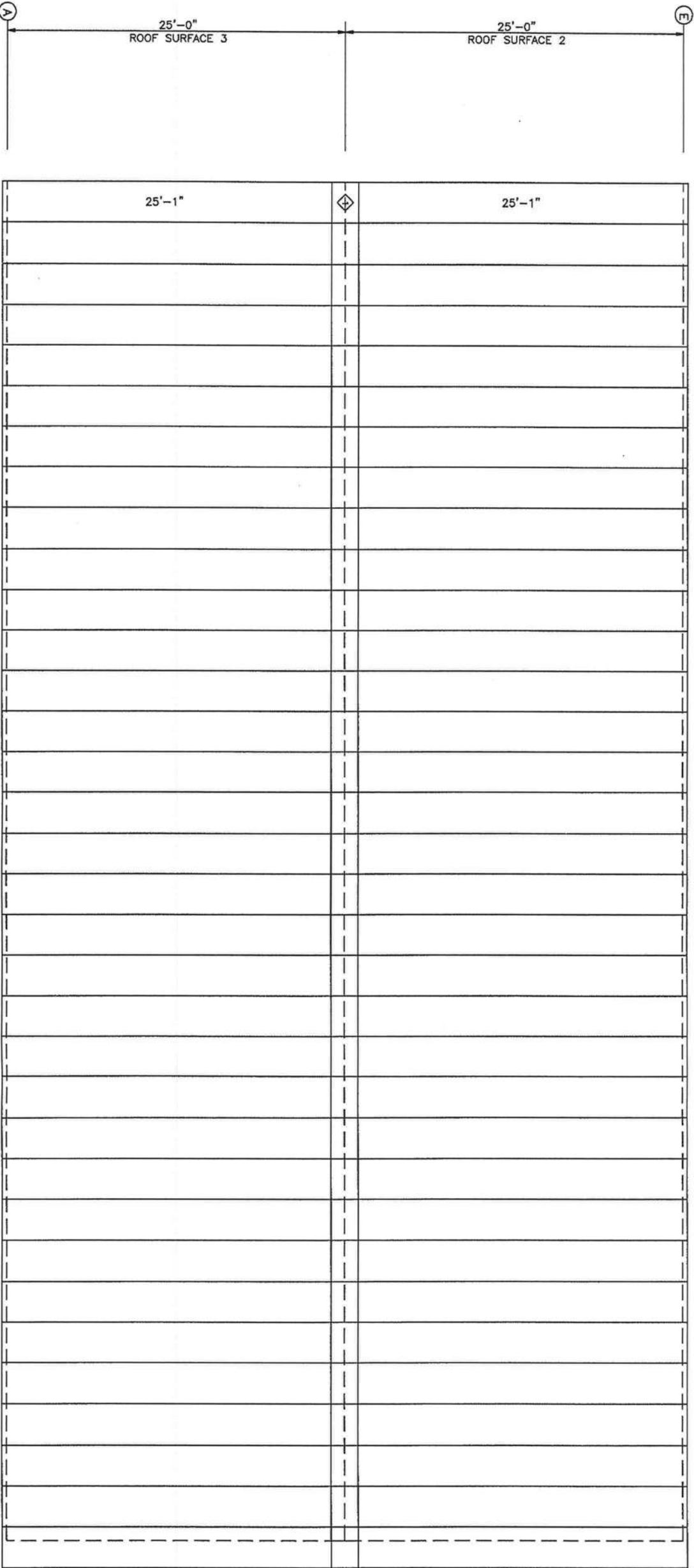
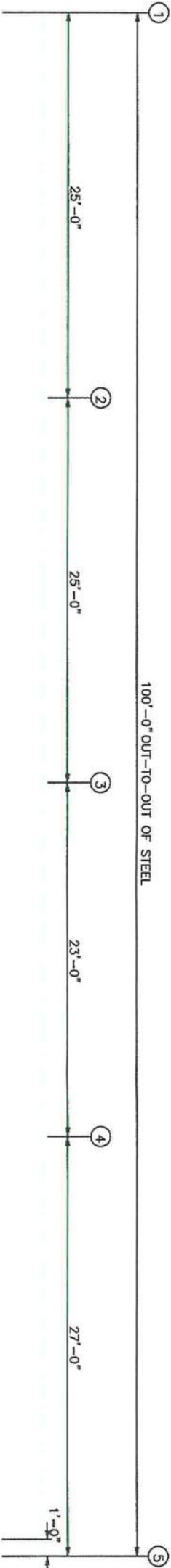
BUCK STEEL, INC.			
CUSTOMER:			
Aaron Nickelson/Global Innovation,LLC.			
JOB NO:		DATE:	
1480_BLDG#1		6/ 1/11	
[1]	LOCATION:		
	LAKE CITY, FL		
[2]	DRAWING NAME:		SCALE:
	FRAMING DETAILS		NONE
[3]	DRAWING NO:	DRAWN BY:	CHECKED BY:
	PAGE 5.4	JDH	BHM

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk: (706) 888-4874



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By Richard T Smith at 3:21 pm, Jun 08, 2011

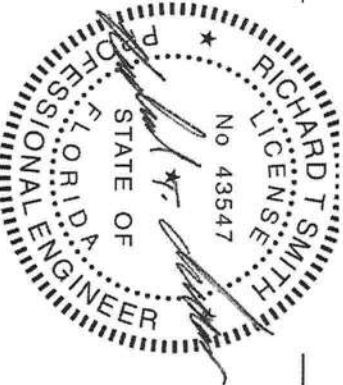
TRIM TABLE	
ROOF PLAN	
ID PART	LENGTH
1 D/F CAP	3'-0"



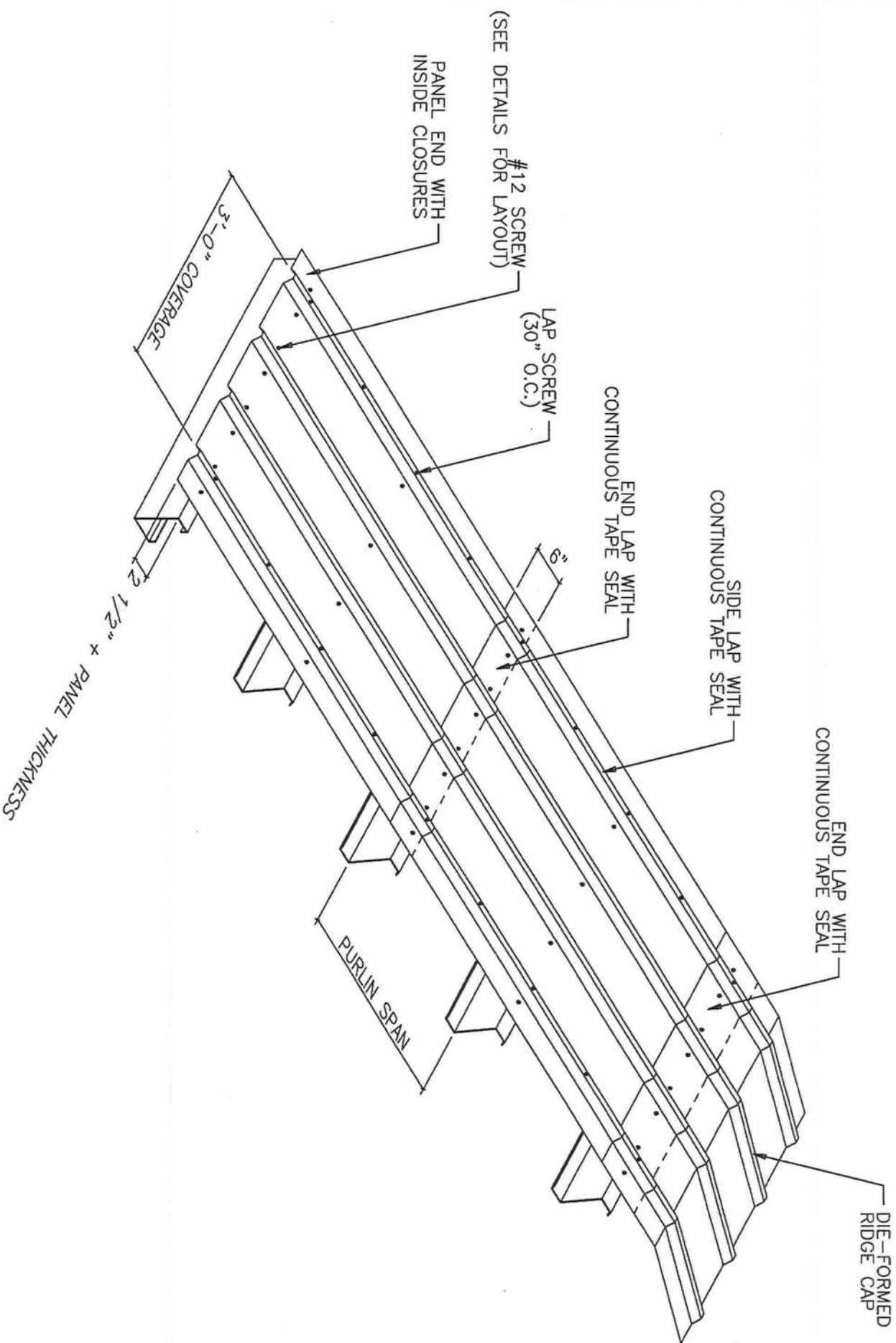
ROOF SHEETING PLAN
PANELS: 26 GA. PBR - GALVALUME

BUCK STEEL, INC.	
CUSTOMER:	
Aaron Nickelson/Global Innovation,LLC.	
JOB NO:	1480_BLDG#1
DATE:	6/ 1/11
LOCATION:	
LAKE CITY, FL	
DRAWING NAME:	
ROOF PANELS & TRIM	
DRAWING NO:	PAGE 6
DRAWN BY:	JDH
CHECKED BY:	BHM
SCALE:	
NONE	

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk. (706) 888-8874

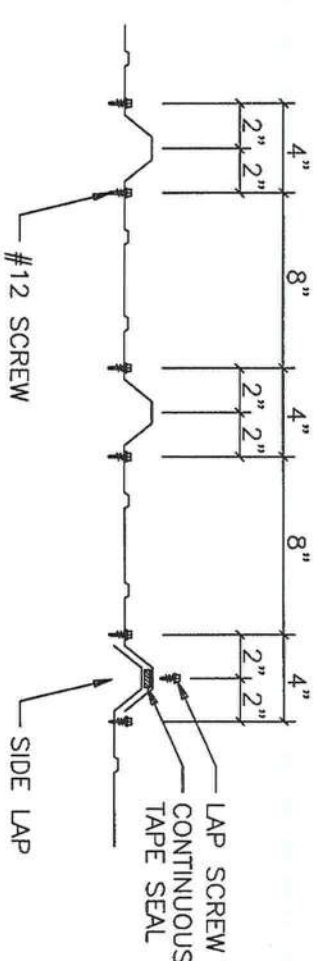


REVIEWED
By Richard T Smith at 3:24 pm, Jun 08, 2011

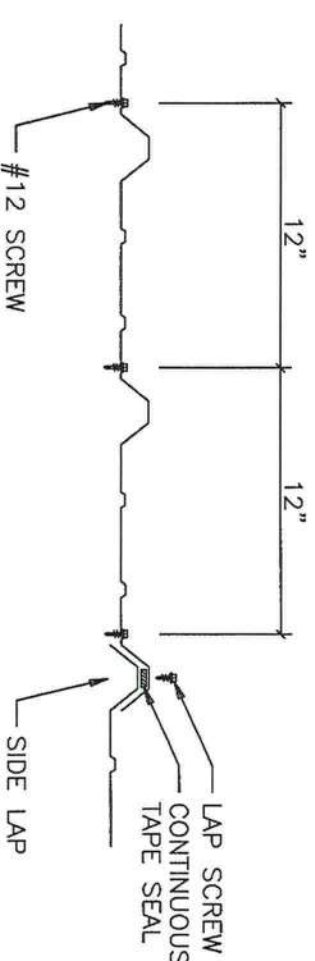


NOTES:

- [1] ALL END LAPS MUST BE A MINIMUM OF 6".
- [2] METAL SHAVINGS MUST BE SWEEP FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [3] TAPE SEAL MUST BE APPLIED WITH NO GAPS OR BREAKS.
- [4] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.



DETAIL AT PANEL END



DETAIL AT INTERIOR OF PANEL

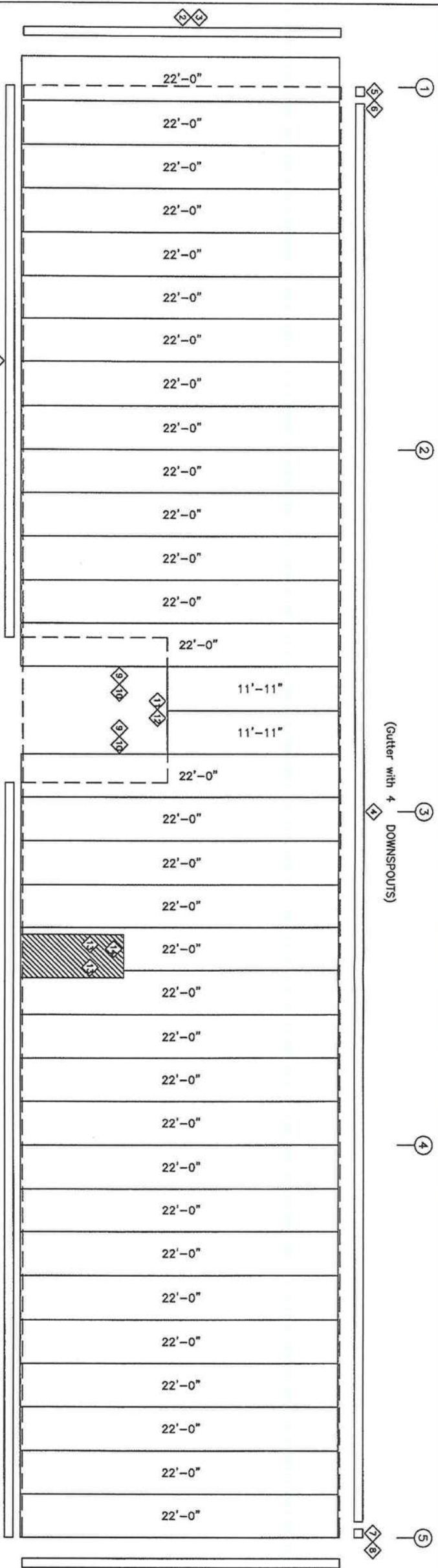
BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation, LLC.			
JOB NO: 1480_BLDG#1			
LOCATION: LAKE CITY, FL			
DRAWING NAME: ROOF PANEL DETAILS			
DRAWING NO: PAGE 6.1			
DRAWN BY: JDH			
CHECKED BY: BHM			
SCALE: NONE			
DATE: 6/ 1/11			
REVISIONS			
[1]			
[2]			
[3]			

Richard T. Smith
 PE # 43547
 102 Main Street Ste#212
 Lagrange, Georgia Ph: (706) 888-4874

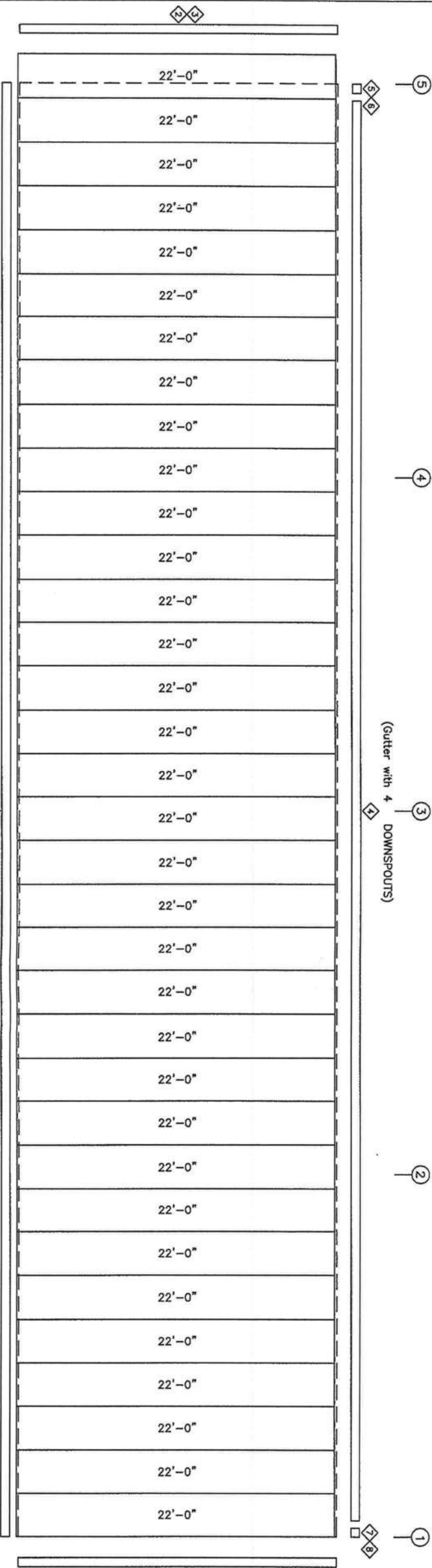


REVIEWED
 By Richard T Smith at 3:21 pm, Jun 08, 2011

TRIM TABLE FRAME LINE A & E			
ID	PART	LENGTH	DETAIL
1	FL-73	20'-0"	TRIM-9
2	O/S CORN	20'-3"	TRIM-5
3	O/S CORN	2'-2"	TRIM-5
4	GUTTER	20'-3"	TRIM-1
5	GUTEND L	1'-0"	TRIM-2
6	CORBOX L	1'-0"	TRIM-2
7	CORBOX R	1'-0"	TRIM-2
8	CT8	10'-1"	TRIM-2
9	R JAMB	10'-3"	TRIM-11
10	CT8	10'-0"	TRIM-8
11	R JAMB	10'-0"	TRIM-10
12	R HEAD	10'-3"	TRIM-6
13	R JAMB	7'-3"	TRIM-8
14	R HEAD	3'-3"	TRIM-6



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 GA. PBR - COLOR



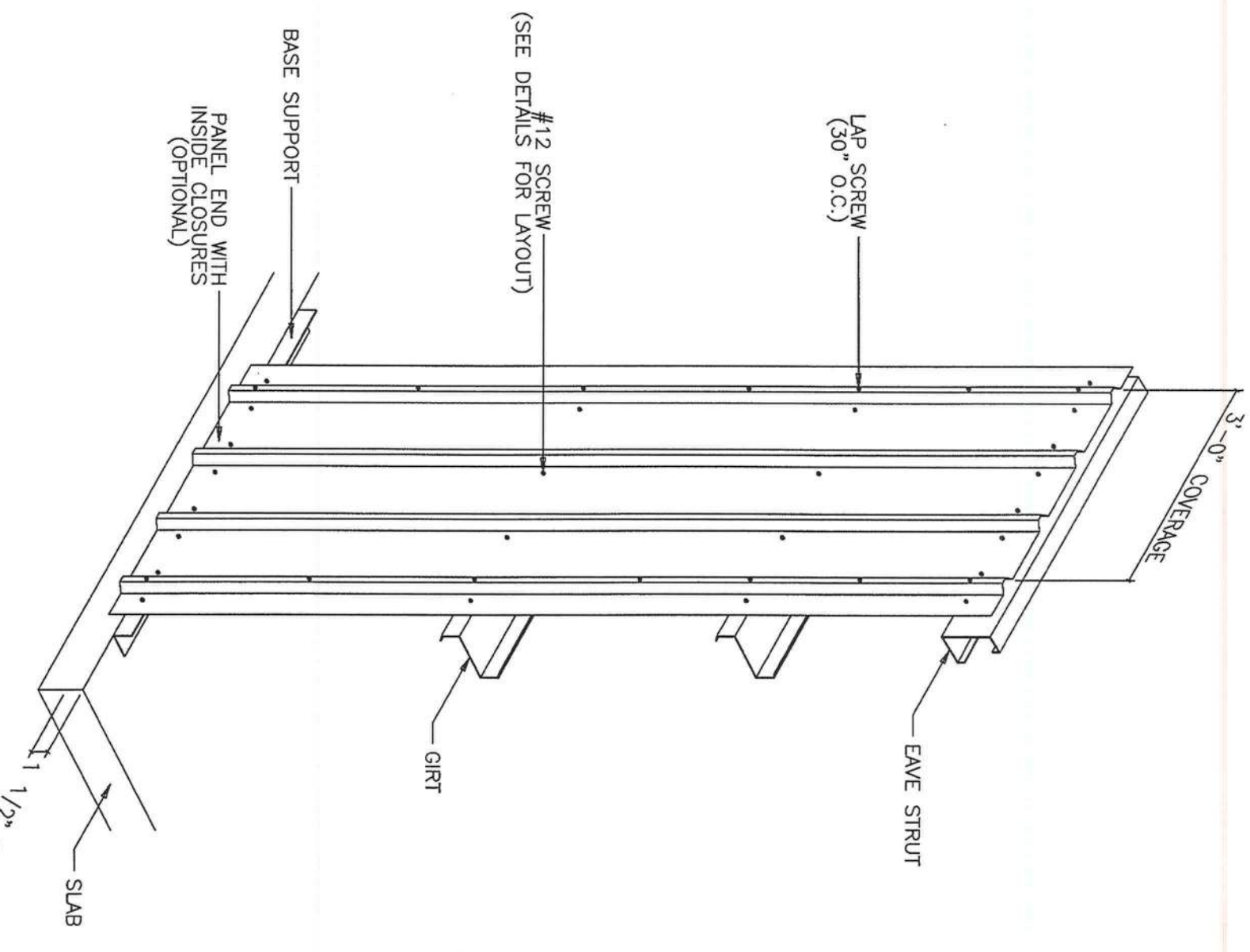
SIDEWALL SHEETING & TRIM: FRAME LINE E
PANELS: 26 GA. PBR - COLOR

BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation, LLC.			
JOB NO: 1480_BLDG#1		DATE: 6/ 1/11	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: SIDEWALL PANELS & TRIM		SCALE: NONE
[3]	DRAWING NO: PAGE 7	DRAWN BY: JDH	CHECKED BY: BHM

Richard T. Smith
PE #43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

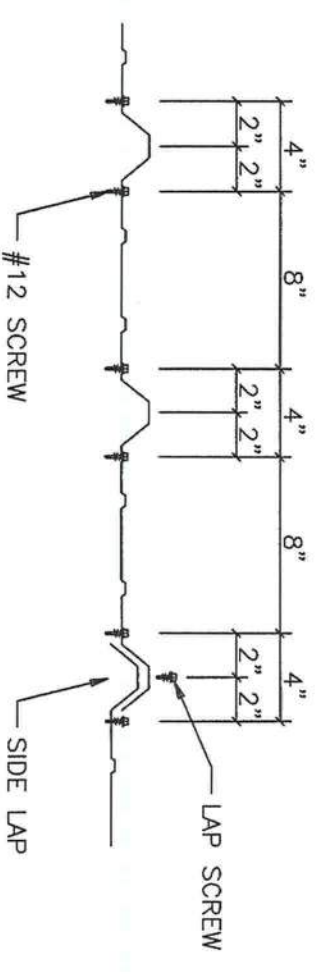
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No 43547
RICHARD T. SMITH
LICENSE

REVIEWED
By Richard T. Smith at 3:21 pm, Jun 08, 2011

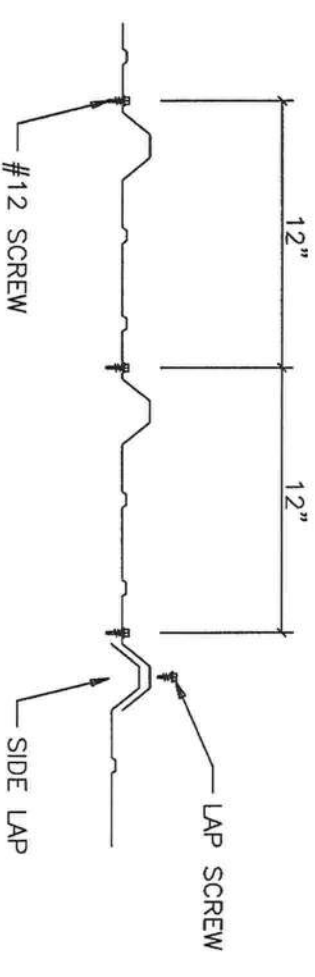


NOTES:

- [1] METAL SHAVINGS MUST BE SWEEP FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.



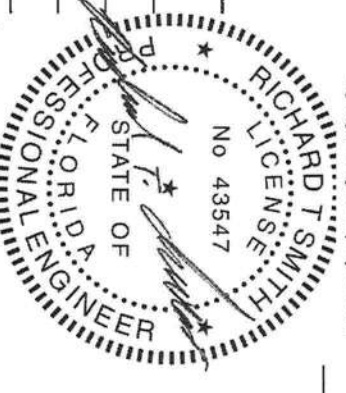
DETAIL AT PANEL END
DETAIL AT HEADER/SILL
DETAIL AT PARTIAL WALL



DETAIL AT INTERIOR OF PANEL

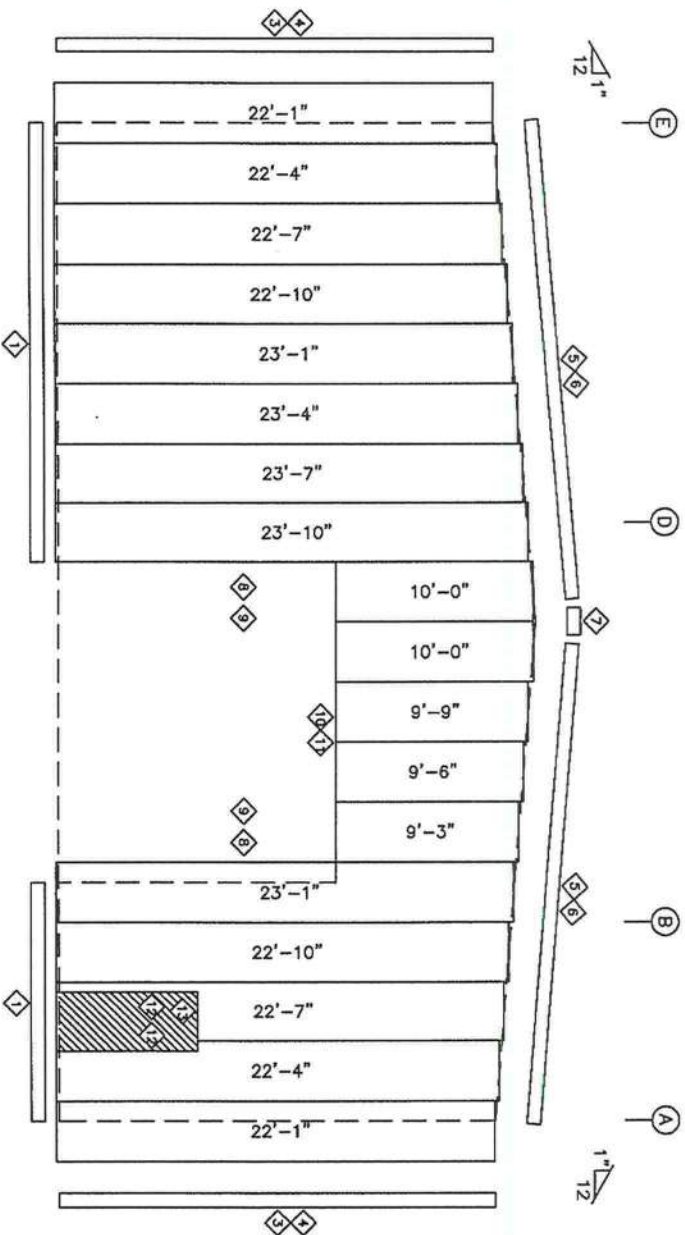
BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.			
JOB NO: 1480_BLDG#1		DATE: 6/ 1/11	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: SIDEWALL PANEL DETAILS		
[3]	DRAWING NO: PAGE 7.1		DRAWN BY: JDH
	CHECKED BY: BHM		
SCALE: NONE			

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk. (706) 888-4874

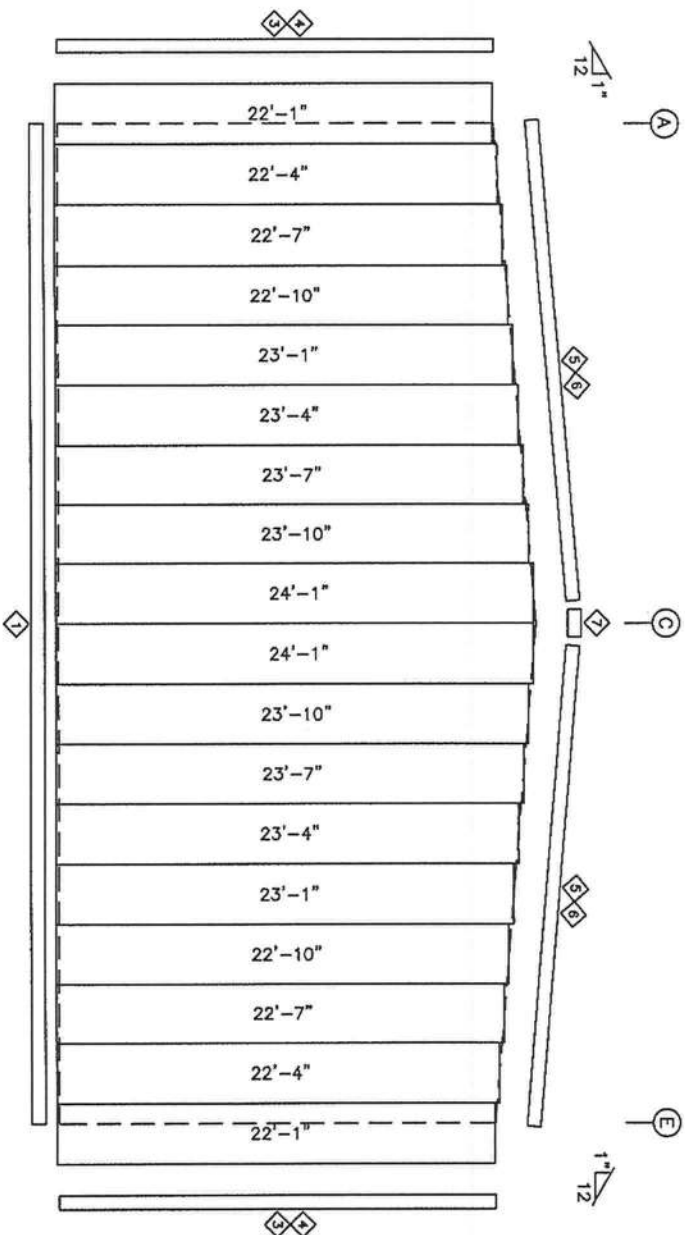


REVIEWED
By Richard T. Smith at 3:21 pm, Jun 06, 2011

TRIM TABLE		
FRAME LINE 1 & 5		
ID	PART	LENGTH
1	FL-73	20'-0"
3	O/S CORN	20'-3"
4	O/S CORN	2'-2"
5	RAKE TRM	20'-3"
6	RAKE TRM	5'-2"
7	PEAK BOX	1'-4"
8	CT8	14'-1"
9	R JAMB	14'-3"
10	CT8	16'-0"
11	R HEAD	16'-3"
12	R JAMB	7'-3"
13	R HEAD	3'-3"
		DETAIL
		TRIM_9
		TRIM_5
		TRIM_5
		TRIM_3
		TRIM_4
		TRIM_8
		TRIM_11
		TRIM_10
		TRIM_6
		TRIM_8
		TRIM_6



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 GA. PBR - COLOR



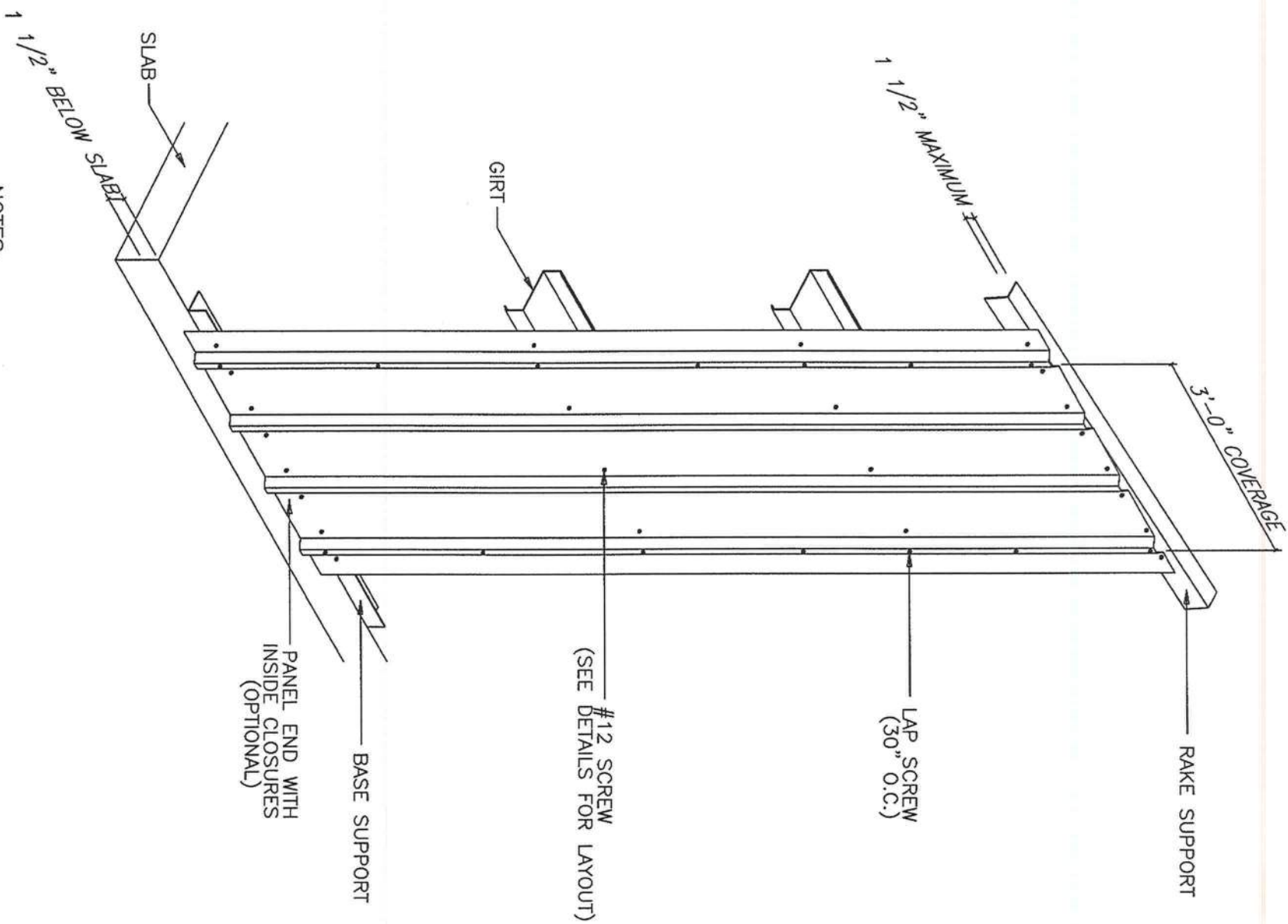
ENDWALL SHEETING & TRIM: FRAME LINE 5
PANELS: 26 GA. PBR - COLOR

BUCK STEEL, INC.	
CUSTOMER:	Aaron Nickelson/Global Innovation, LLC.
JOB NO:	1480_BLDG#1
LOCATION:	LAKE CITY, FL
DRAWING NAME:	ENDWALL PANELS & TRIM
DRAWING NO:	PAGE 8
DRAWN BY:	JDH
CHECKED BY:	BHM
DATE:	6/1/11
SCALE:	NONE
REVISIONS	
[1]	
[2]	
[3]	

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk: (706) 888-4874

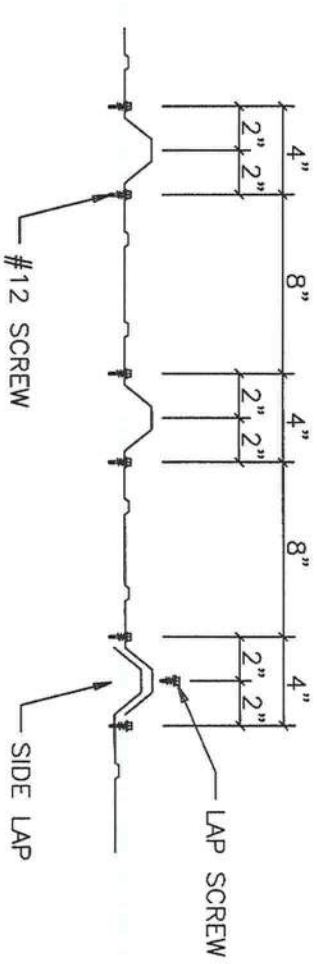


REVIEWED
By Richard T. Smith at 3:21 pm, Jun 08, 2011

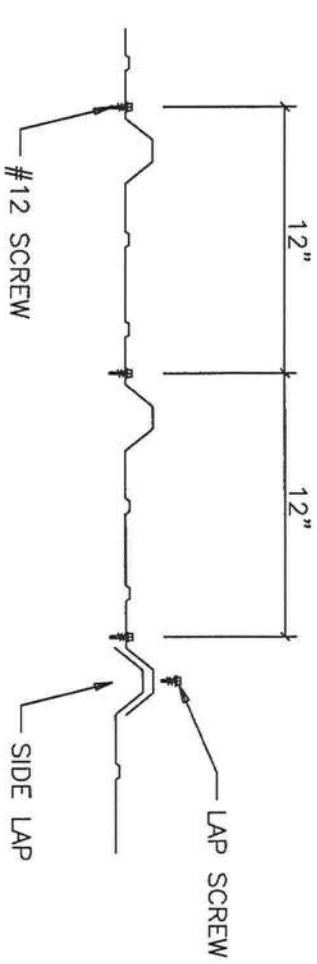


NOTES:

- [1] METAL SHAVINGS MUST BE SWEEP FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.



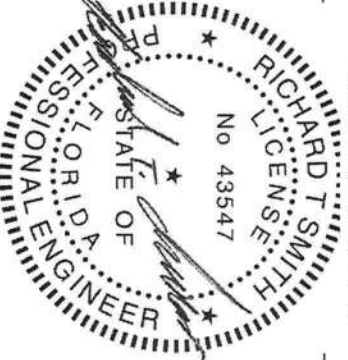
DETAIL AT PANEL END
DETAIL AT HEADER/SILL
DETAIL AT PARTIAL WALL



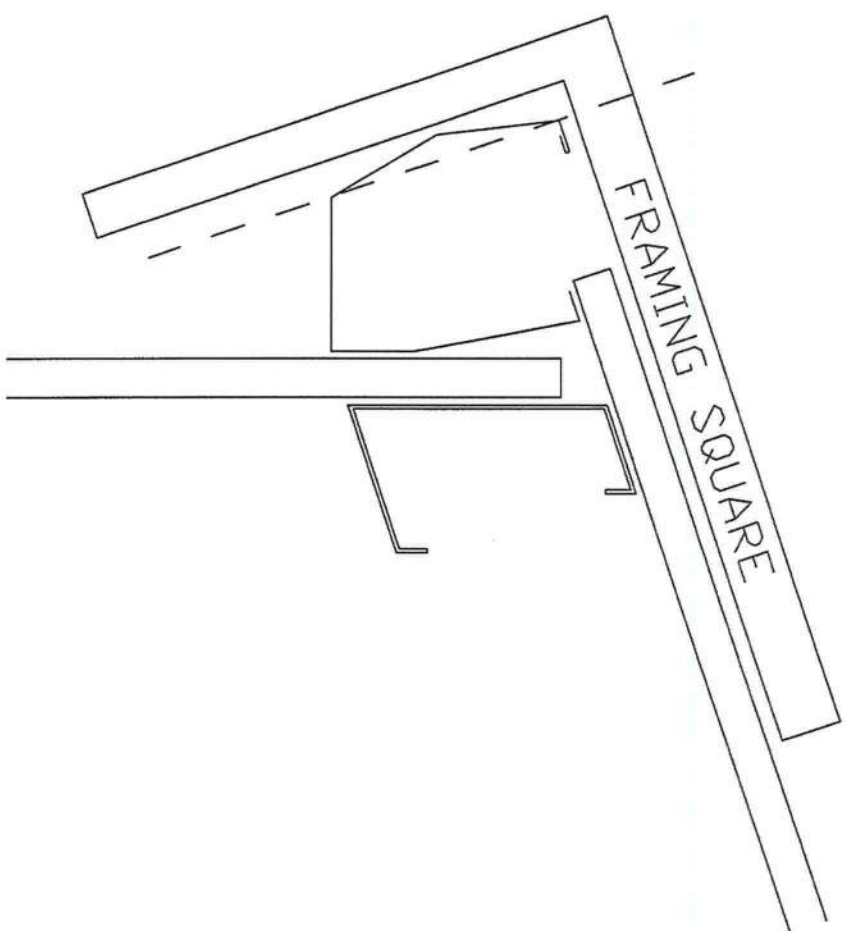
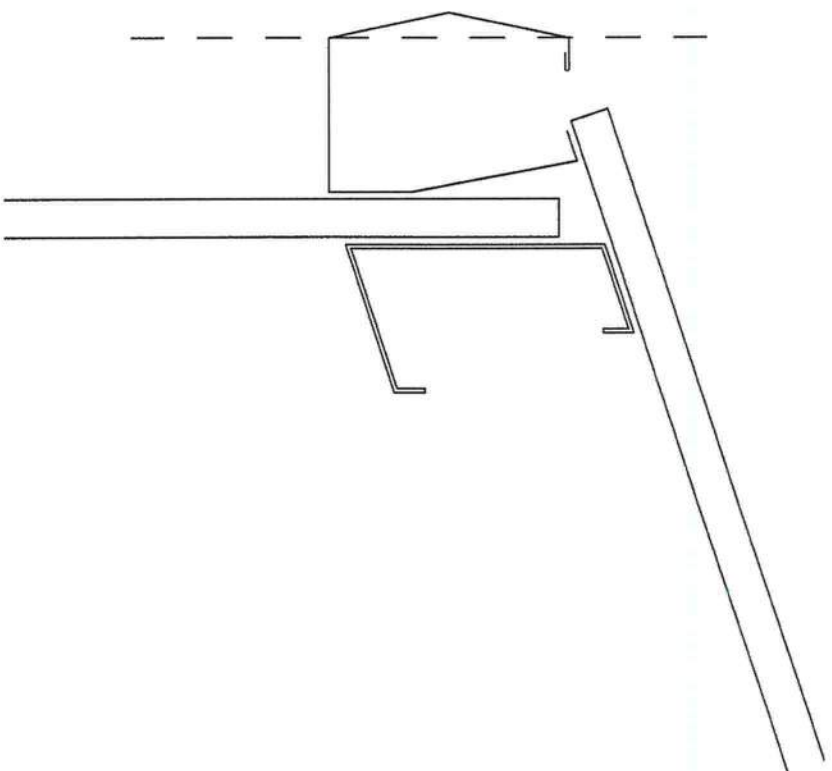
DETAIL AT INTERIOR OF PANEL

BUCK STEEL, INC.			
CUSTOMER:			
Aaron Nickelson/Global Innovation,LLC.			
JOB NO:		DATE:	
1480_BLDG#1		6 / 1/11	
[1] LOCATION:			
LAKE CITY, FL			
[2] DRAWING NAME:			
ENDWALL PANEL DETAILS			
SCALE:			
NONE			
DRAWING NO:		DRAWN BY:	
PAGE 8.1		JDH	
		CHECKED BY:	
		BHM	

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PE # 43547
102 Main Street Ste#212
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By Richard T Smith at 3:21 pm, Jun 08, 2011



DO NOT INSTALL GUTTER WITH
OUTSIDE FACE PERPENDICULAR
TO THE GROUND.

INSTALL GUTTER WITH
OUTSIDE FACE PERPENDICULAR
TO THE ROOF.

GUTTER INSTALLATION DETAIL

☐

BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.			
JOB NO: 1480_BLDG#1		DATE: 6/ 1/11	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: GUTTER INSTALLATION DETAIL		
[3]	DRAWING NO: PAGE 9		DRAWN BY: JDH
	CHECKED BY: BHM		SCALE: NONE

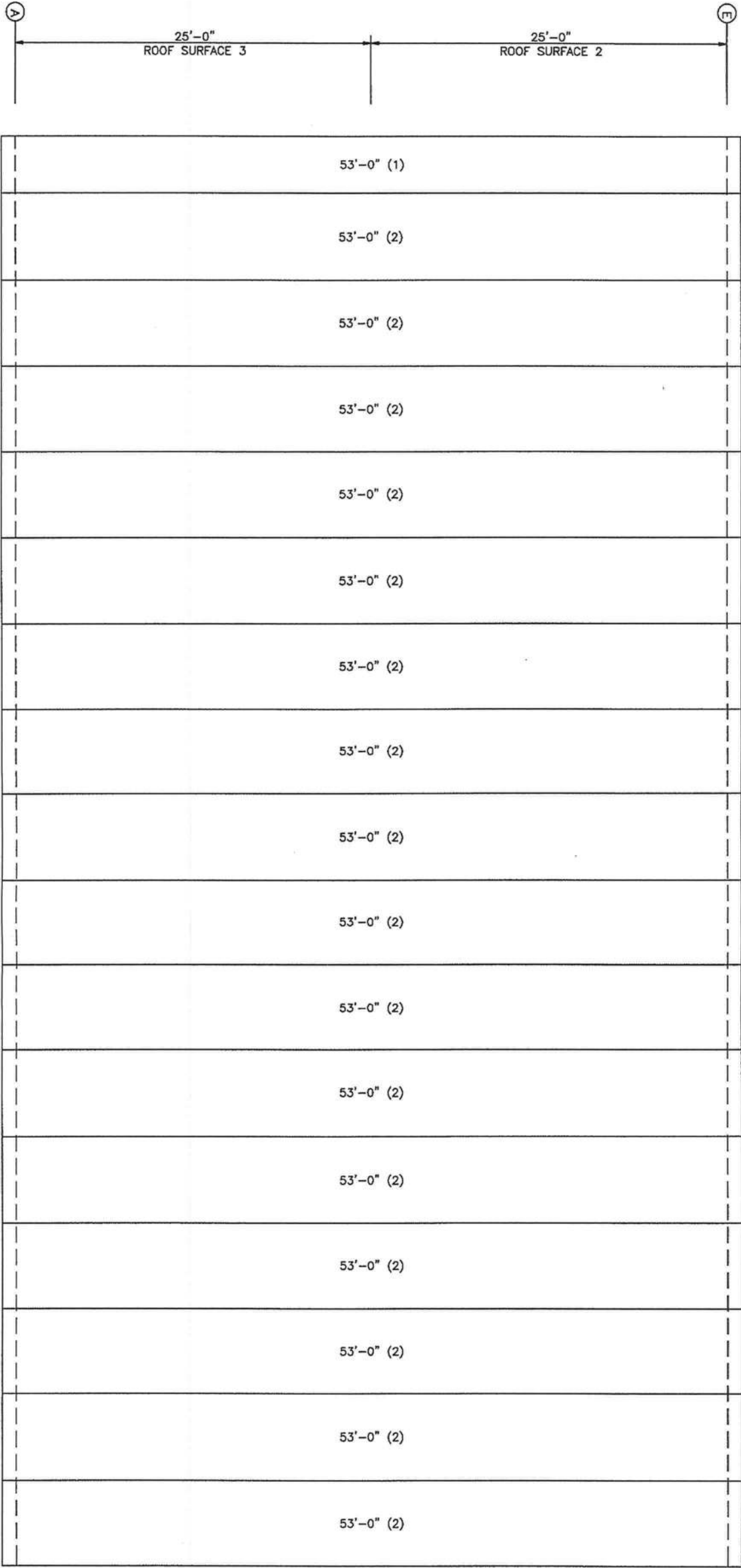
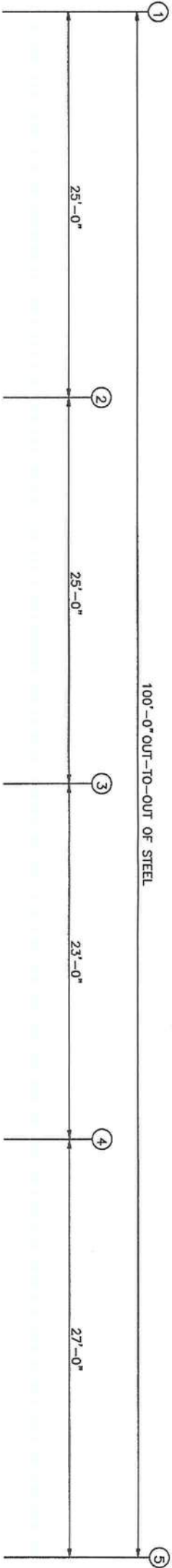
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Lagrange, Georgia Pk: (706) 888-4874



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By Richard T Smith at 3:21 pm, Jun 08, 2011

INSULATION TABLE				
ROOF PLAN				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	1	RI-1	4'-0"	53'-0"
2	16	RI-2	6'-0"	53'-0"

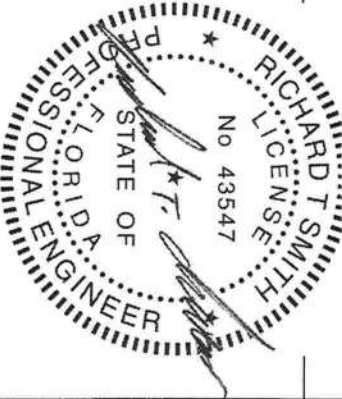
LEGEND:
48'-0" (1)
LENGTH (ROLL #)



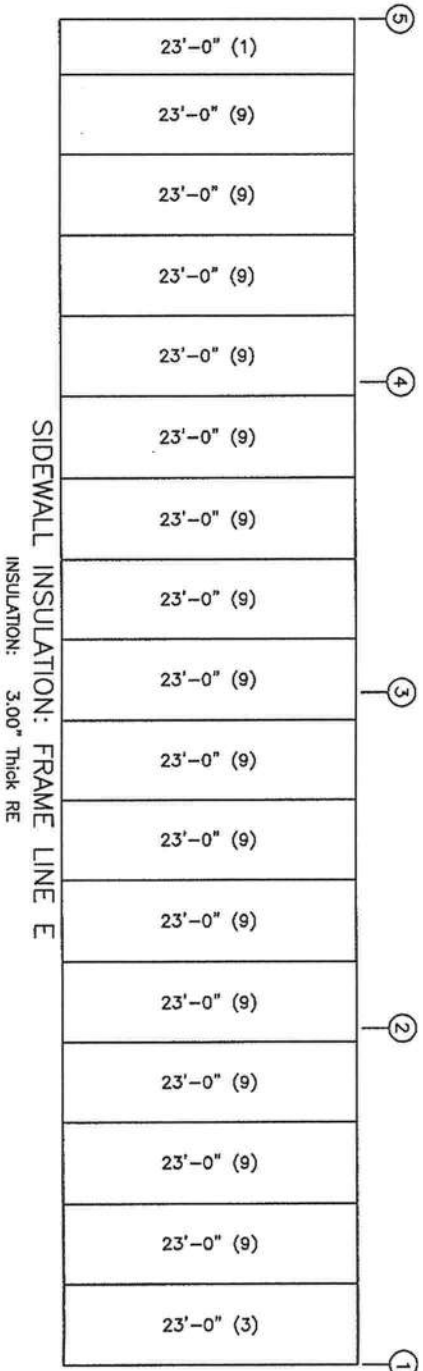
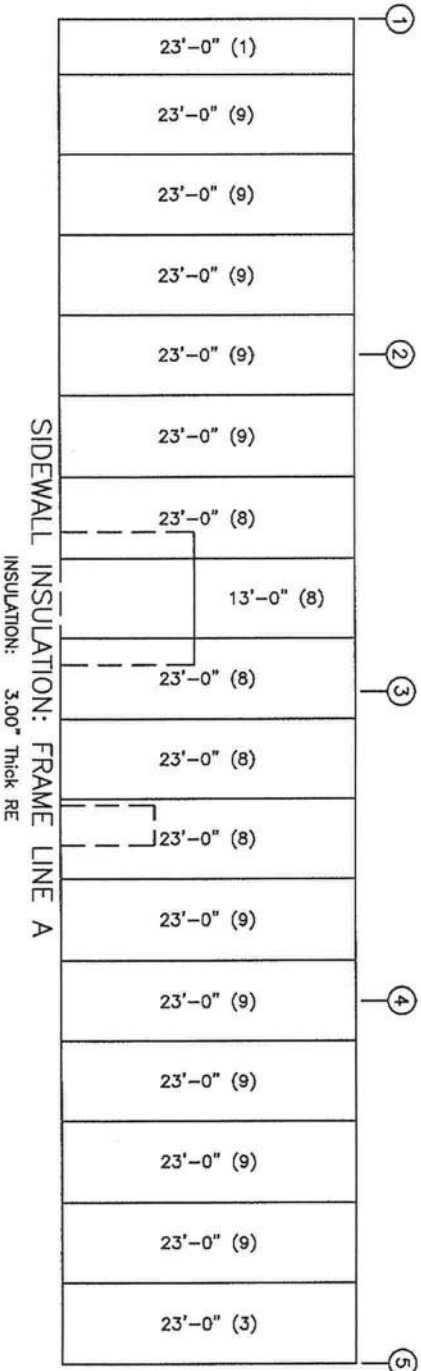
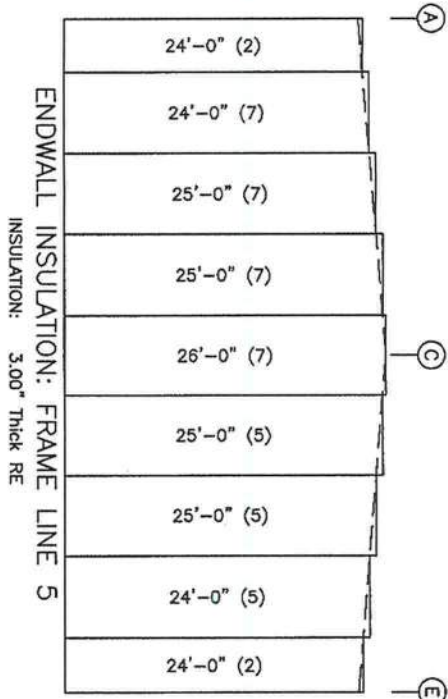
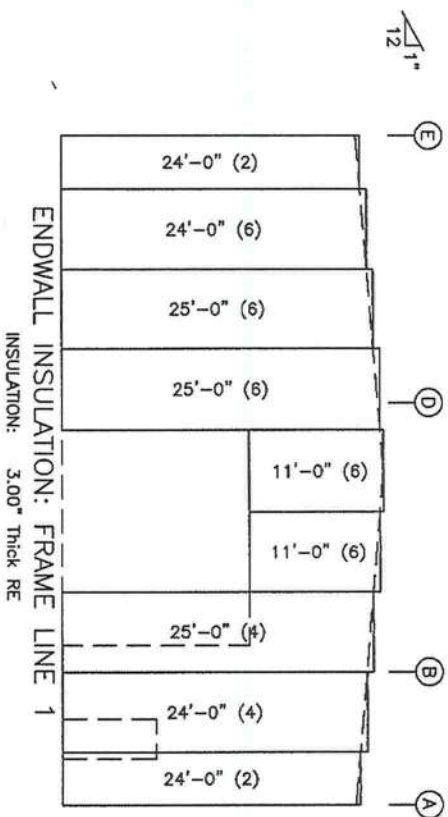
ROOF INSULATION
INSULATION: 3.00" THICK RE

BUCK STEEL, INC.	
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.	
JOB NO: 1480_BLDG#1	DATE: 6/ 1/11
LOCATION: LAKE CITY, FL	
DRAWING NAME: INSULATION LAYOUT	
DRAWING NO: PAGE 10	DRAWN BY: JDH
SCALE: NONE	
CHECKED BY: BHM	

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INSULATION TABLE				
FRAME LINE 1 A 5 E				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	2	WI-1	4'-0"	23'-0"
2	2	WI-2	4'-0"	48'-0"
3	1	WI-3	6'-0"	23'-0"
4	1	WI-4	6'-0"	49'-0"
5	1	WI-5	6'-0"	74'-0"
6	1	WI-6	6'-0"	96'-0"
7	1	WI-7	6'-0"	100'-0"
8	1	WI-8	6'-0"	105'-0"
9	5	WI-9	6'-0"	115'-0"

LEGEND:
23'-0" (1)
LENGTH (ROLL #)

BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.			
JOB NO: 1480_BLDG#1		DATE: 6/ 1/11	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: INSULATION LAYOUT		
[3]	DRAWING NO: PAGE 10.1	DRAWN BY: JDH	CHECKED BY: BHM

Richard T. Smith

PE # 43547

102 Main Street Ste#212

Lagrange, Georgia Pk: (706) 888-4874

STATE OF FLORIDA

PROFESSIONAL ENGINEER

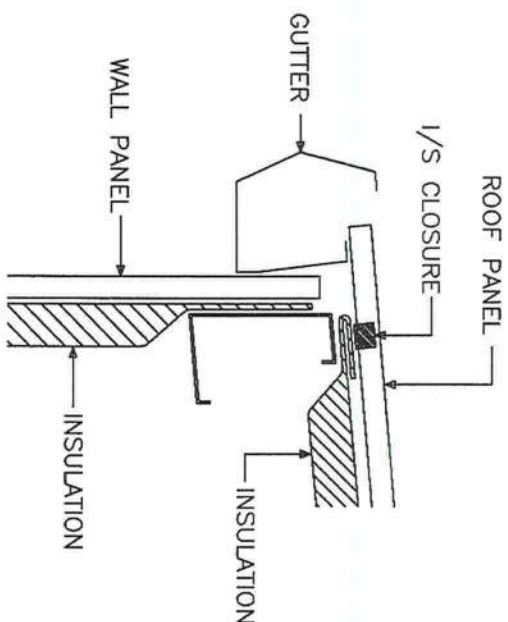
Richard T. Smith

PE # 43547

No 43547

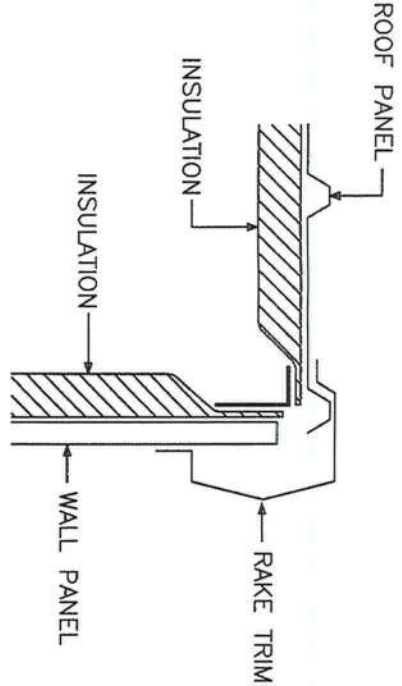
REVIEWED

By Richard T. Smith at 3:21 pm, Jun 08, 2011

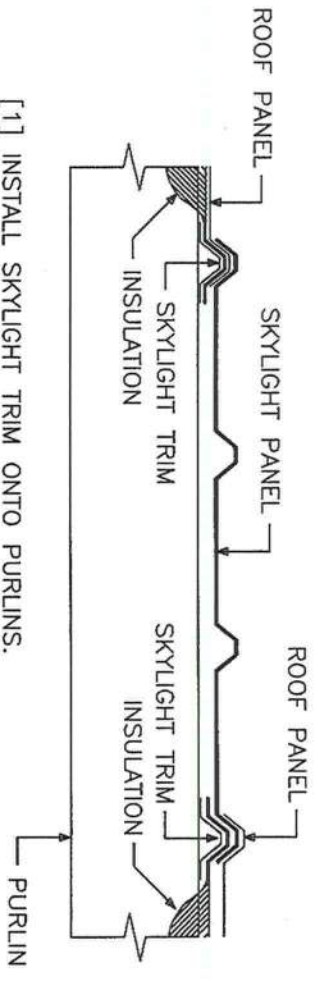


NOTE: FOLD ROOF INSULATION BACK 3" TO 6".

EAVE DETAIL

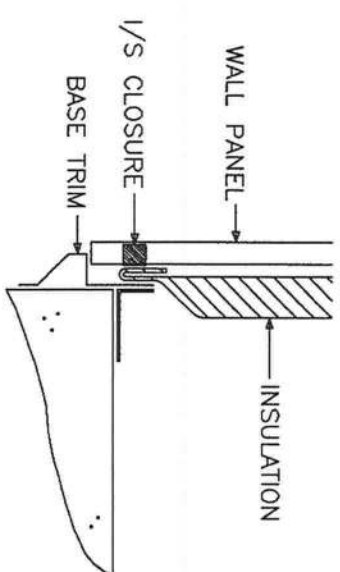


RAKE DETAIL



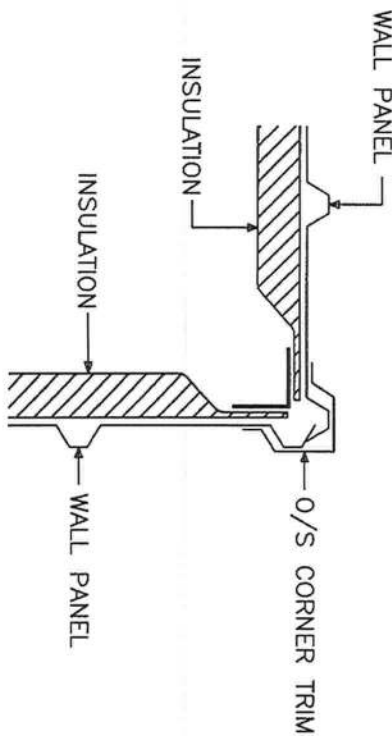
- [1] INSTALL SKYLIGHT TRIM ONTO PURLINS.
- [2] INSTALL INSULATION OVER SKYLIGHT TRIM.
- [3] INSTALL ROOF PANEL AND SKYLIGHT PANEL OVER INSULATION.
- [4] CUT OUT INSULATION FLUSH TO SKYLIGHT TRIM WITH A RAZOR KNIFE.

SKYLIGHT TRIM DETAIL



BASE DETAIL

NOTE: FOLD INSULATION BACK 3" TO 6".



CORNER DETAIL

CAUTION: FAILURE TO FOLD FACING OF INSULATION BACK FROM THE PANEL EDGE AT THE BASE AND EAVE COULD RESULT IN PANEL DAMAGE AND WILL VOID THE PANEL WARRANTY.

REVISIONS			
[1]		JOB NO:	1480_BLDG#1
[2]		LOCATION:	LAKE CITY, FL
[3]		DRAWING NO:	INSULATION DETAILS

BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation LLC.			
JOB NO: 1480_BLDG#1		DATE: 6/ 1/11	
LOCATION: LAKE CITY, FL			
DRAWING NAME: INSULATION DETAILS		SCALE: NONE	
DRAWING NO: PAGE 10.2		DRAWN BY: JDH	CHECKED BY: BHM



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