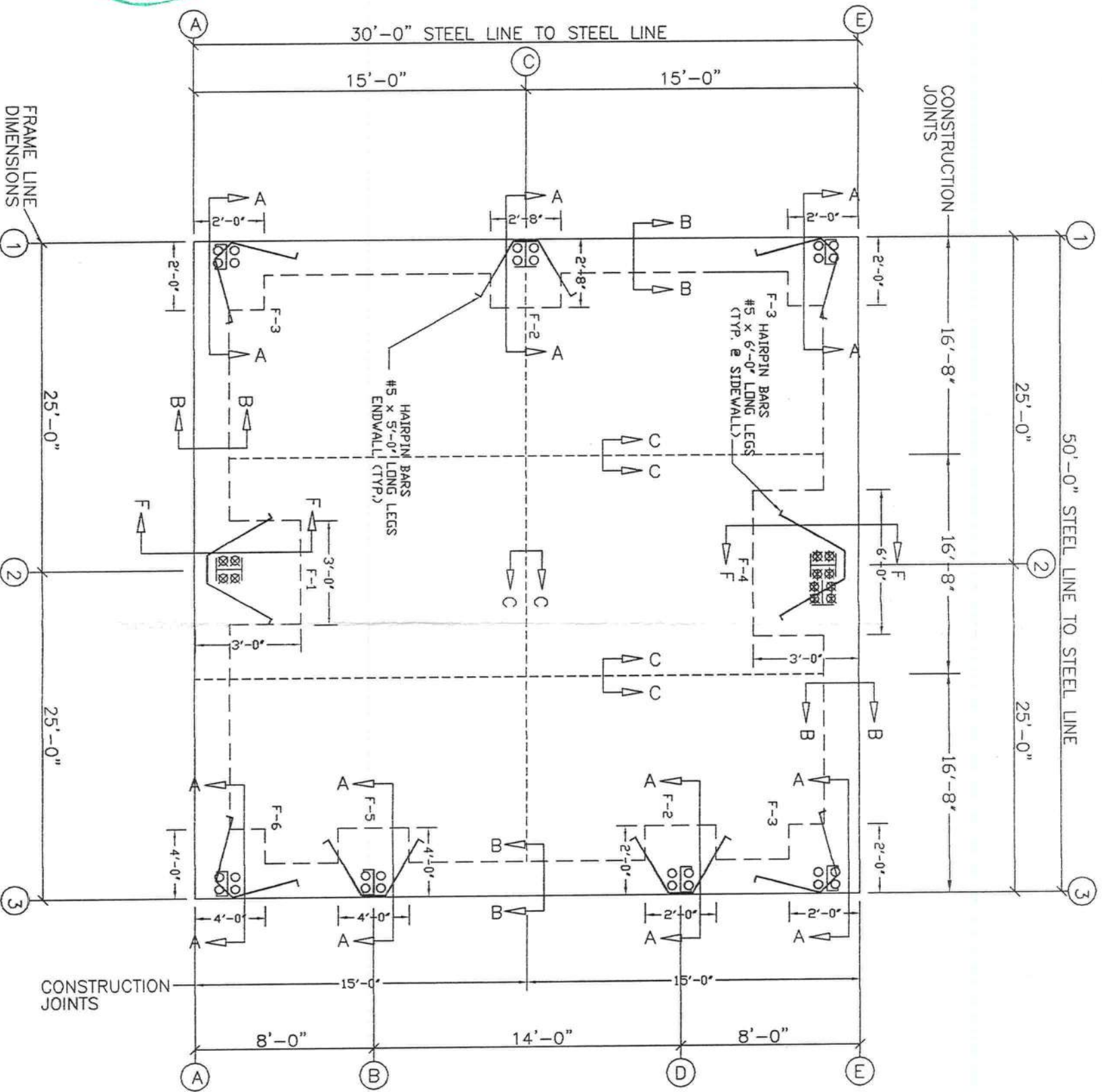


ANCHOR BOLT SUMMARY						
QNT	LOC	DIA. (IN)	PRJG (IN)	TOTAL LENGTH (IN)	BEND (IN)	
8	DJ	5/8"	EXP.	12.0	3.00	
28	EV	3/4"	3.00	18.0	3.00	
4	RF	3/4"	3.00	22.0	3.00	
4	WF	7/8	3.00	22.0	3.00	

* FIELD INSTALLED

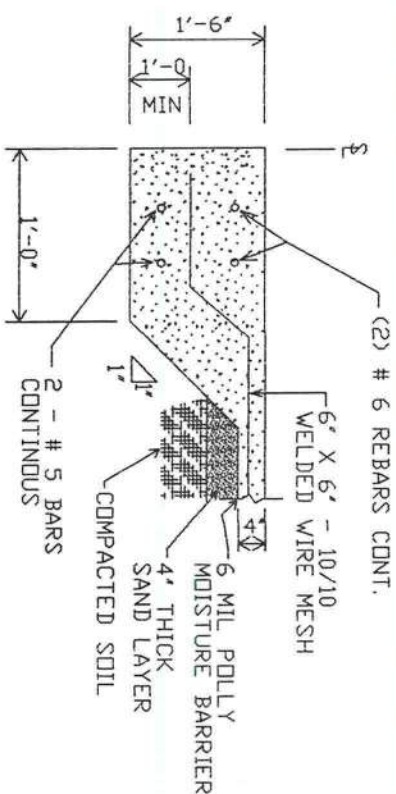


FOUNDATION LAYOUT PLAN

REVISIONS						DRAWING STATUS		BUCK STEEL, INC.		JOY WATERS			
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION	☐ FOR PERMIT ONLY	PROJECT	300' x 500' x 16.5'	FOUNDATION LAYOUT PLAN		
							☐ FOR APPROVAL	☐ OTHER, EXPLAIN	ID	2103	DESIGN CME	DRAFT CME	CHECK
									PROJECT	FORT WHITE, FL	DATE: 4/1/12	SHEET	FNDWG-1
									ADDRESS				

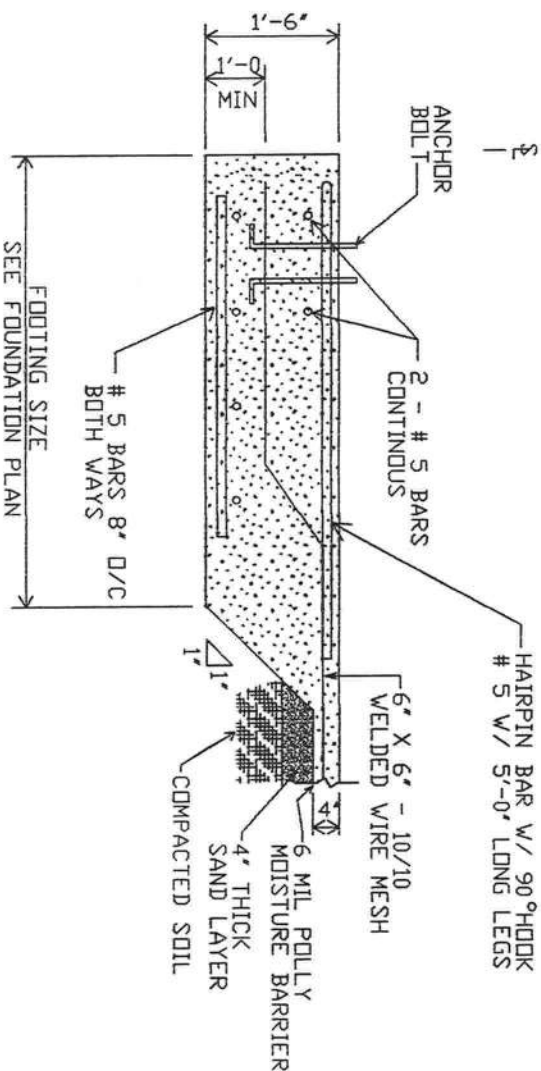
CHARLES EMBDEN P.E.
26 HARRIS CIRCLE
UXBRIDGE, MA 01569
FLORIDA PE # 053083
PHONE # (508) 826-8772
SEAL

4/11/12



SECT. B-B

NOT TO SCALE

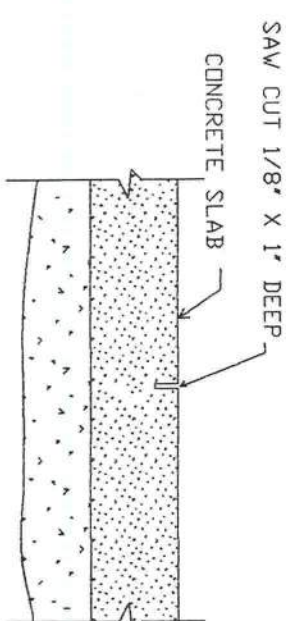


SECT. A-A

NOT TO SCALE

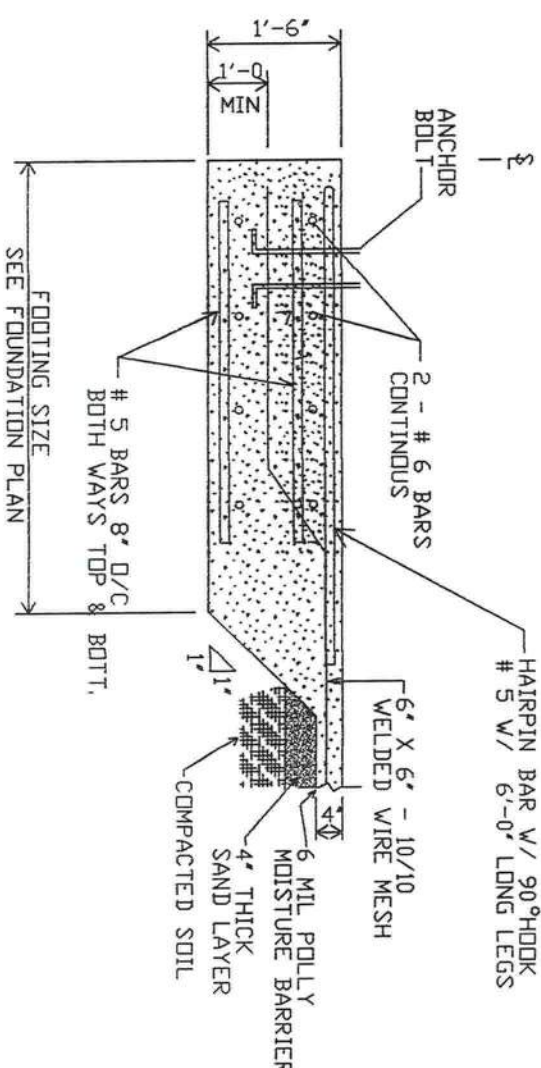
GENERAL FOUNDATION NOTES

1. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS.
2. ALL POURED IN PLACE SHALL BE F'C 3000 PSI MIN @ 28 DAYS.
3. WELDED WIRE MESH SHALL MEET ASTM A-185. FOUNDATION AND FOOTING SIZING BASED ON ASSUMED SOIL BEARING CAPACITY OF 2500 PSF.
5. THE UPPER 12" OF BEARING SOIL IN FOOTING SHALL BE COMPACTED TO 95% OF THE STANDARD PROCTOR.
6. MIN. REINFORCING STEEL COVER AT EARTH: 3"
7. SLUMP RANGE AT POINT OF DISCHARGE: 3'-6"
8. OVERLAP ALL W/F A MINIMUM OF 8"
9. LAP ALL REINFORCING STEEL A MINIMUM OF 48 DIAMETERS.
10. REMOVE TOPSOIL & ORGANIC MATERIAL FROM TOP 12" OF EXISTING GRADE.
11. FDN. IS DESIGNED TO MEET THE 2010 ED. OF THE FBC CODE. (IBC 2012) AMEND. W.S. IS 121 MPH. EXP. B



SECT. D-D (Const. Joint)

NOT TO SCALE



SECT. F-F

NOT TO SCALE

12. PROOF ROLL OF 5' OUTSIDE BUILDING FOOTPRINT WITH VIBRATORY COMPACTOR.
13. FILL TO WITHIN 4" OF FINISHED FLOOR ELEVATION WITH CLEAN SAND FILL.
14. COMPACT TOP 6" OF FILL MATERIAL TO 95% OF MODIFIED PROCTOR DENSITY. (MIN)
15. SAW INDICATED CRACK CONTROL JOINTS WITHIN 8 HOURS OF PLACEMENT OF CONCRETE.
16. 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.
17. CONTRACTOR TO REVIEW FOUNDATION DRAWINGS AND CHECK FOR COMPLIANCE WITH ERECTION DRAWINGS BEFORE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCY SHOULD BE BROUGHT TO ENGINEER'S ATTENTION.

SEAL

REVISIONS				DRAWING STATUS			
REV.	DESCRIPTION	DATE	DLR	DATE	CHK	R	APPD
1	ADD. NOTE FOR FBC CODE.	5/26					
				[] FOR CONSTRUCTION			
				[] FOR PERMIT ONLY			
				[] FOR APPROVAL			
				[] OTHER, EXPLAIN			
				PROJECT: BUCK STEEL, INC.			
				PROJECT: 2103			
				PROJECT: FORT WHITE, FL			
				DATE: 4/1/12			
				SHEET: FNDWG-2			

4/11/12

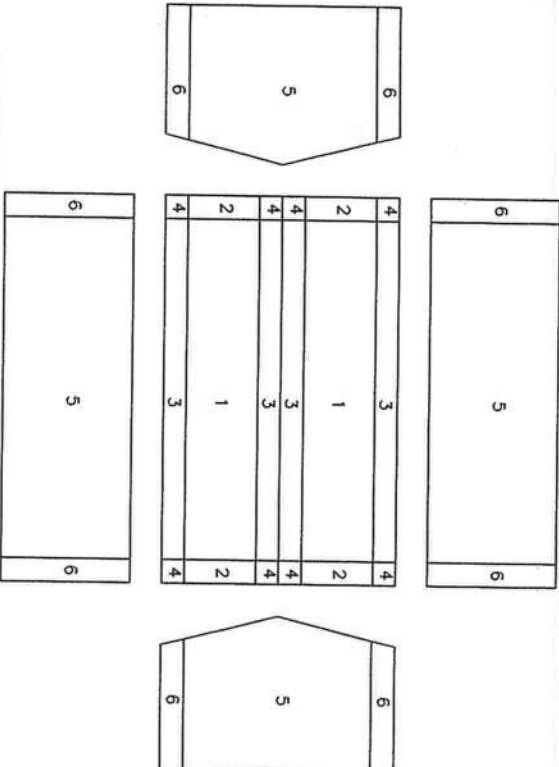
DESIGN CRITERIA

Width (ft)	= 30
Length (ft)	= 50
Front Eave Height (ft)	= 16.5
Back Eave Height (ft)	= 16.5
Roof Slope (Rise/12)	= 3.0:12
Dead Load (psf)	= 2.000
Collateral Load (psf)	= 0.5
Roof Live Load (psf)	= 20.00
Frame Live Load (psf)	= 20.00
Roof Snow Load (psf)	= 0
Wind Speed (mph)	= 121
Wind Code	= FBC 10 / IBC 12
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.



Components & Cladding			
Pressure		Suction	
Zone	Width	Member	Panel
1	10.70	15.20	-21.90
2	10.70	15.20	-30.88
3	10.70	15.20	-30.88
4	10.70	15.20	-41.69
5	10.70	15.20	-48.62
6	10.70	15.20	-61.94

COLORS:

ROOF:	GALVALUME
WALLS:	LIGHT STONE
GABLE:	FERN GREEN
EAVE:	FERN GREEN
CORNER:	FERN GREEN
FRAMED OPENINGS:	FERN GREEN
GUTTER:	FERN GREEN
DOWNSPOUTS:	LIGHT STONE
BASE:	LIGHT STONE

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
12'-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 SHORTAGES 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 ERROR CORRECTION UNLESS APPROVED IN WRITING BY MBM BEFOREHAND.



Richard T. Smith

PE # 43547

102 Main Street Ste#212

Lagrange, Georgia Ph: (706) 888-4874



REVIEWED

By Richard T Smith at 1:14 pm, Mar 29, 2012

REVISIONS

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

FOR:
JOY WATTERS
950 SW RATTLE SNAKE GLEN
FORT WHITE, FL 32038
JOBSITE: FORT WHITE, FL

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

JOB NO: 2103

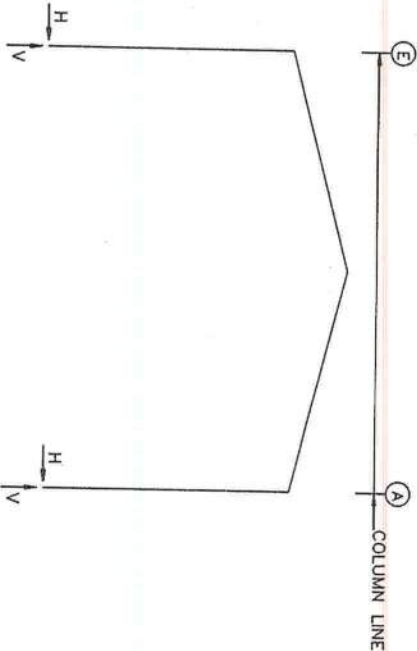
DATE: 3/26/12

BY: JDH SCALE: NONE

TITLE: COVER PAGE

NUMBER:

PAGE 0



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

Frm Line	Col Line	Column Reactions (k)		Anc.-Bolt Qty	Base-Plate (in)		GROUT (in)
		Load ID	Hmax Vmax		Width	Length	
2	E	4	3.8 4.7	6	0.750	6.000	0.625
		2	0.5 30.7	8	1.1	-38.3	0.0
		7	5.0 -4.7	3	-3.8	4.7	0.0
2	A	1	-1.7 -1.7	3	4.3	-6.9	0.0

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

Length (ft)	= 30.0
Eave Height (ft)	= 50.0
Roor Slope (Rise/12)	= 16.5/16.5
Dead Load (psf)	= 3.0/3.0
Collateral Load (psf)	= 2.0
Roor Live Load (psf)	= 20.0
Frame Live Load (psf)	= 20.00 W/REDUCTION
Wind Speed (mph)	= 121.0
Wind Code	= FBC 10 (IBC 12)
Exposure	= B
Closed/Open/Partial	= C
Importance Seismic	= 1.00
Seismic Zone	= B
Seismic Coeff (F _o +S _s)	= 0.19

5. Loading conditions are:

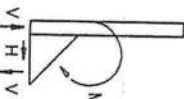
- 1 DL+CL+LL
- 2 DL+0.60LWIND2+0.60LWIND2_R2E
- 3 DL+CL+0.75LL+0.45WR1
- 4 DL+CL+0.75LL+0.45WR1
- 5 0.60DL+0.60WR1
- 6 0.60DL+0.60WR1
- 7 0.60DL+0.60WR2
- 8 0.60DL+0.60LWIND1+0.60LWIND1_L2E
- 9 0.60DL+0.60WR2+0.60WS
- 10 0.60DL+0.60WR2+0.60WS
- 11 0.60DL+0.60WR2+0.60LWIND1
- 12 DL+CL+0.75LL+0.45WIND2+0.45WS

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Projection (in)
12	Jamb	5/8"	A307	1.50
28	Endwall	3/4"	A307	1.50
8	Frame	3/4"	A307	2.50
4	WindCol	3/4"	A307	2.50

WIND COLUMN REACTIONS

Wall		Col		± Reactions		Moment		Anc-Bolt		Base-Plate(n)	
Loc Line	Line	R/L	Load_ID	Horz (k)	Vert (k)	(f-k)		Qty	Dia	Width	Length
B_SW	E	2	L	Wind	2.5	54.9	36.6	4	0.750	6.000	8.000
				Seismic	0.2	5.1	3.4				0.625



RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frm Line	Column Line	Dead		Collateral		Live		Wind_L1		Wind_R1		Wind_L2		Wind_R2	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2	E	0.3	1.4	0.1	0.2	1.4	3.6	7.5	-12.9	5.3	-12.9	-8.7	-9.2	1.3	1.3
2	A	-0.3	1.4	-0.1	0.2	-1.4	3.6	-7.5	-12.9	-5.3	-12.9	-4.2	-9.2	-1.3	-1.3
Frame Column															
2	E	4.2	1.3	1.5	-9.1	0.3	-5.3	-0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
2	A	8.7	-9.2	-1.5	-9.1	-0.3	-5.3	-0.2	0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3
Frame Column															
2	E	-0.3	-1.2	0.1	-1.2	-0.3	-0.3	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3
2	A	-0.1	-1.2	0.3	-0.3	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Collat	Live		Rafter		Brace		Wind_P		Wind_S		LnWind1		LnWind2		Seis-L	
				Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	E	0.2	0.0	1.5	4.6	-1.8	-1.1	-1.8	-1.1	0.0	0.0	0.0	0.0	-1.5	-0.9	-0.9	0.0	0.0	0.0
1	C	0.2	0.0	1.5	4.6	-1.8	-1.1	-1.8	-1.1	0.0	0.0	0.0	0.0	-1.5	-0.9	-0.9	0.0	0.0	0.0
1	A	0.2	0.0	1.5	4.6	-1.8	-1.1	-1.8	-1.1	0.0	0.0	0.0	0.0	-1.5	-0.9	-0.9	0.0	0.0	0.0
Frm Line																			
1	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frm Line	Col Line	Dead	Collat	Live		Rafter		Brace		Wind_P		Wind_S		LnWind1		LnWind2		Seis-L	
				Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
3	E	0.1	0.0	0.6	3.2	-0.7	-0.5	-0.7	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	B	0.5	0.1	0.1	3.2	-3.5	-2.5	-3.5	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.5	0.1	0.1	3.2	-3.5	-2.5	-3.5	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	E	0.1	0.0	0.6	3.2	-0.7	-0.5	-0.7	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Frm Line																			
3	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Frm Line	Col Line	Load ID	Column Reactions (k)		Anc.-Bolt Qty	Base-Plate (in)		GROUT (in)
			Load Hmax Vmax	Load ID		Width	Length	
1	E	9	0.0 1.8	9	0.0	0.750	8.000	0.250
		1	0.0 1.8	1	-0.9	0.750	8.000	0.250
1	C	10	1.9 -2.2	11	-1.7	0.750	8.000	0.250
		1	0.0 5.5	10	1.9	0.750	8.000	0.250
1	A	10	0.0 -0.9	10	0.0	0.750	8.000	0.250
		1	0.0 1.8	1	-0.9	0.750	8.000	0.250
3	A	9	0.0 -5.2	9	0.0	0.750	8.000	0.250
		10	0.0 4.6	10	-6.1	0.750	8.000	0.250
3	B	10	1.3 -6.1	11	-1.2	0.750	8.000	0.250
		12	0.9 5.1	10	1.3	0.750	8.000	0.250
3	D	10	1.3 -1.7	11	-1.2	0.750	8.000	0.250
		1	0.0 3.8	10	1.3	0.750	8.000	0.250
3	E	10	0.0 -0.4	10	0.0	0.750	8.000	0.250
		1	0.0 0.7	1	-0.4	0.750	8.000	0.250

BUILDING BRACING REACTIONS

Wall		Col		± Reactions (k)		Panel	
Loc Line	Line	Horz	Vert	Wind	Seismic	Shear	(lb/ft)
L-EW	1	Brocing In Roof To Rigid Frame					
F-SW	A	1.2	2.5	1.5	0.2	0.1	
R-EW	A	3.7	8.1	0.1	0.2		
B-SW	E	Wind Column In Wall					

BUCK STEEL, INC.

CUSTOMER:
JOY WATERS

JOB NO.:
2103

LOCATION:
FORT WHITE, FL

DRAWING NAME:
ANCHOR BOLT REACTIONS

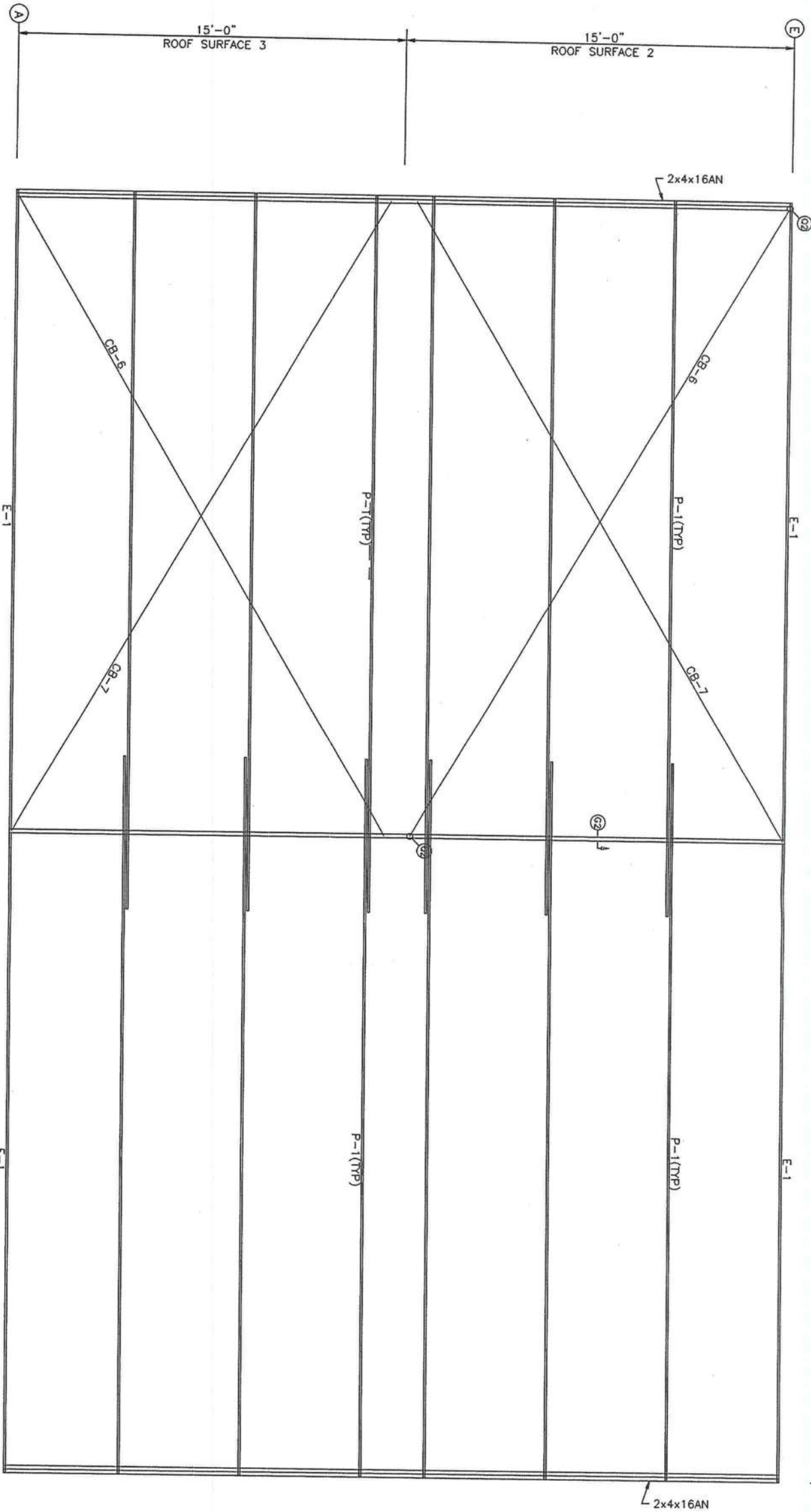
Richard T. Smith
PE # 43547
102 Main Street Street 12
Lagrange, Georgia Ph: (706) 888-4874



REVIEWED

REVISIONS		DATE		SCALE	
[1]			3/26/12		
[2]					
[3]					

MEMBER TABLE			
ROOF PLAN			
MARK	PART	LENGTH	
P-1	10x25Z16	27'-11"	1/2"
E-1	10ES14@3	24'-11"	1/2"
CB-6	1/4 CBL	29'-3"	
CB-7	1/4 CBL	28'-5"	



ROOF FRAMING PLAN

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

BUCK STEEL, INC.

CUSTOMER:
JOY WATERS

JOB NO:
2103

LOCATION:
FORT WHITE, FL

DRAWING NAME:
ROOF FRAMING LAYOUT

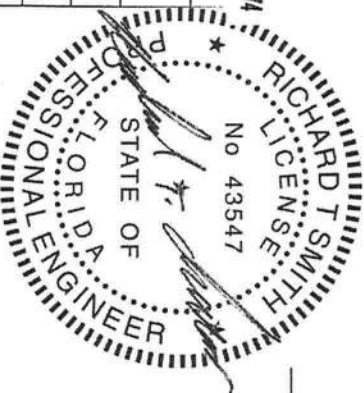
DRAWING NO:

DRAWN BY:

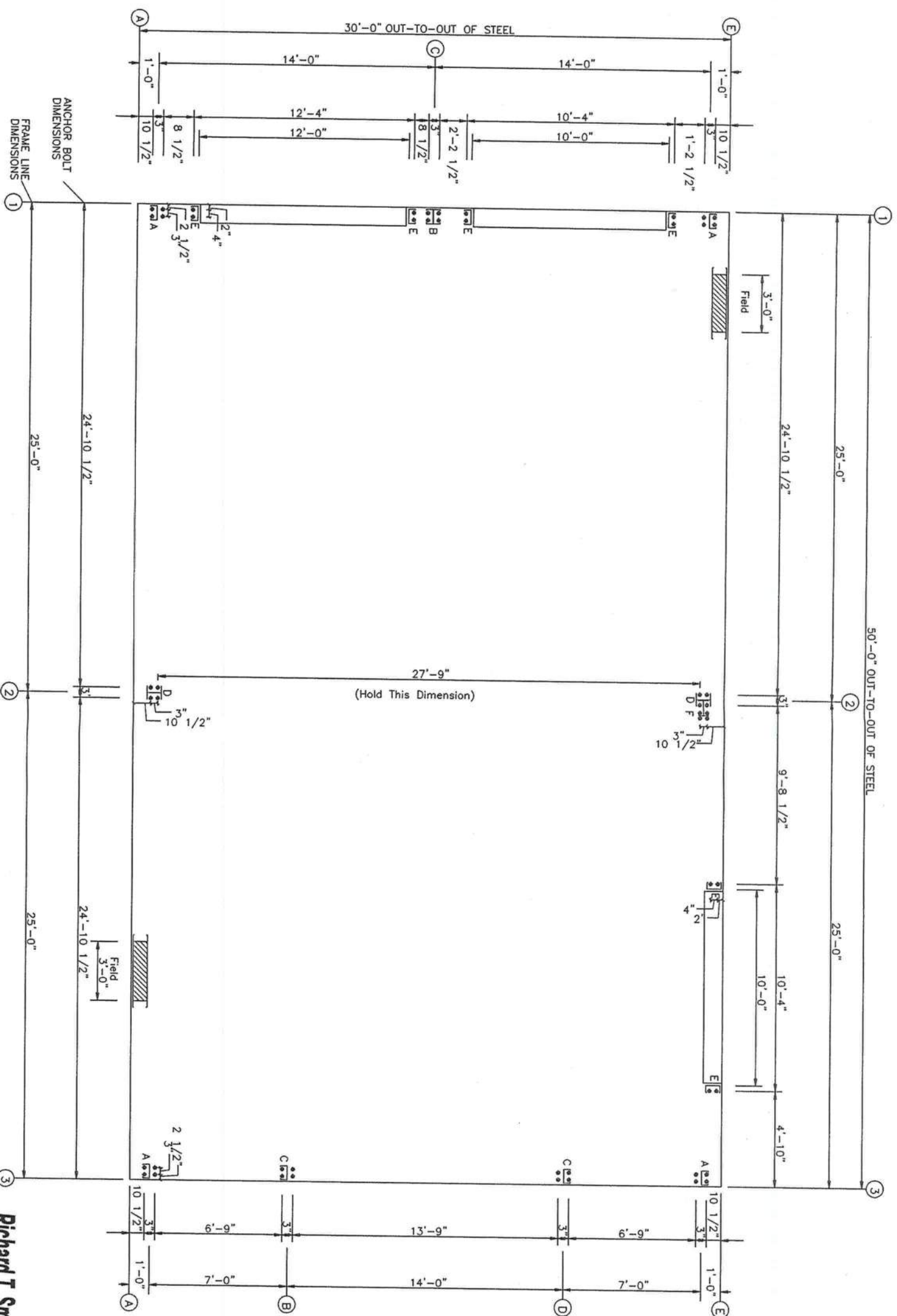
CHECKED BY:

SCALE:
NONE

REVIEWED



REVISIONS			
[1]			
[2]			
[3]			



ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (Unless Noted)

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia PR: (706) 888-4674

BUCK STEEL, INC.

CUSTOMER:
JOY WATTERS

REVISIONS

[1]

--	--

[2]

[3]

CUSTOMER:		JOY WATERS	
JOB NO:	2103	DATE:	3/26/12
LOCATION:		FORT WHITE, FL	
DRAWING NAME:		SCALE:	
ANCHOR BOLT LAYOUT		NONE	
DRAWING NO:		DRAWN BY:	CHECKED BY:



STATE OF
FLORIDA
PROFESSIONAL ENGINEER

REVIEWED

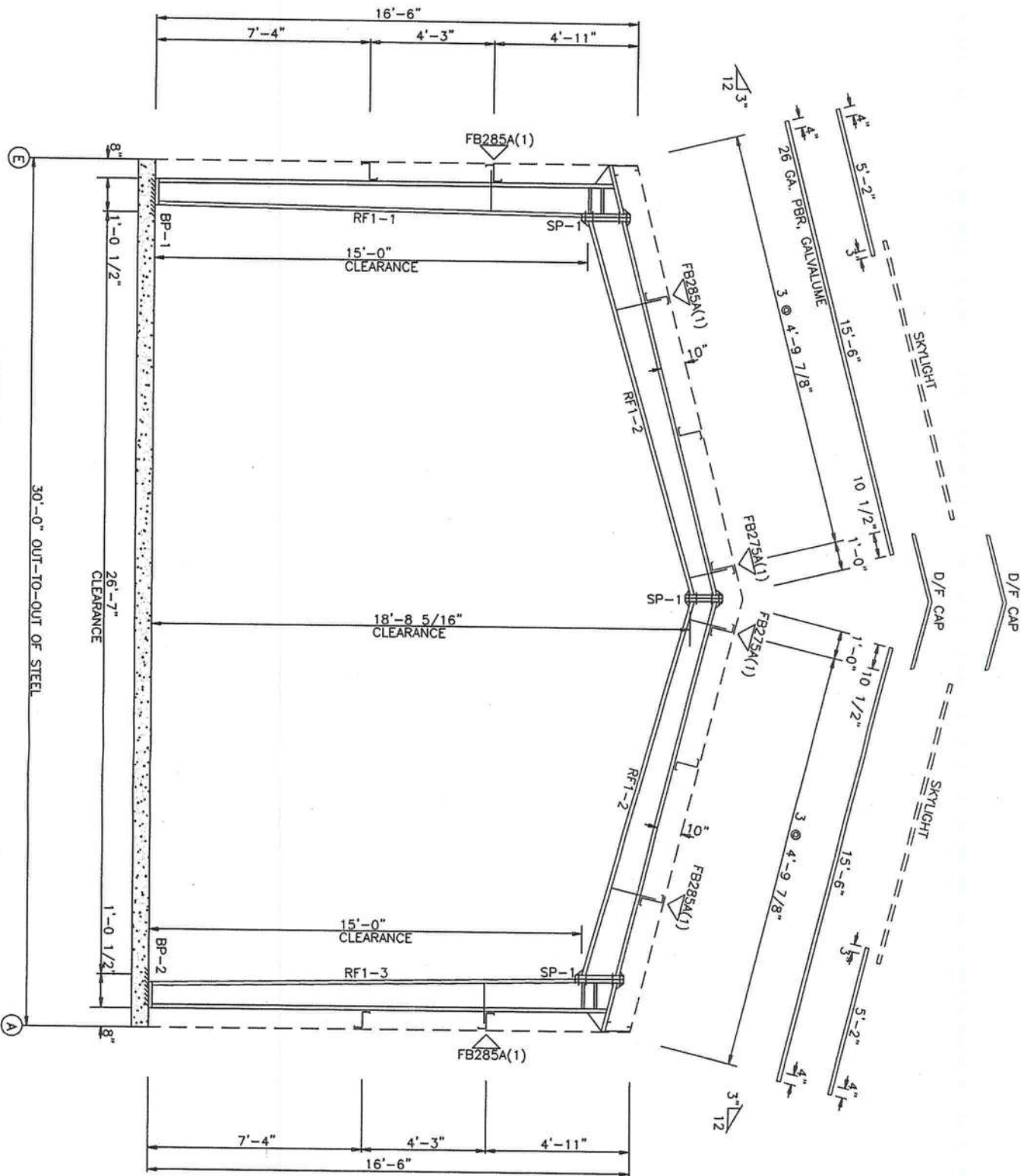
FIELD LOCATE:

(2) 3070 FRAMED OPENINGS

(1) 3030 FRAMED OPENING W/SILL @ 13'-6"

SPICE BOLT TABLE				
MARK	Qty	Top	Bot	Int TYPE DIA. Length
SP-1	4	4	0	A325 5/8" 2"
BASE PLATE TABLE				
COL	PLATE SIZE			
MARK	Width	Thick	Length	
BP-1	6"	5/8"	8"	
BP-2	6"	3/8"	8"	

FLANGE BRACES: (1) One Side: (2) Two Sides
FBxxA(1): xx=length(in)
A - 2x2x1/4AN



RIGID FRAME ELEVATION: FRAME LINE 2

MEMBER TABLE					
MARK	Web Depth	Web	Web PLATE	Outside Flange	Inside Flange
RF1-1	7.5/7.8	0.135	1'-0"	5 x 1/4" x 15'-8 3/4"	5 x 1/4" x 14'-7"
RF1-2	7.8/12.0	0.135	14'-11 13/16"	5 x 5/16" x 1'-8 13/16"	5 x 1/4" x 13'-8 5/8"
RF1-3	12.0/7.5	0.135	13'-10 1/2"	5 x 1/4" x 13'-7 7/16"	5 x 1/4" x 14'-7 1/4"
	12.0/7.8	0.135	15'-0"	5 x 5/16" x 1'-8 13/16"	
	7.8/7.5	0.135	1'-0 1/16"	5 x 1/4" x 15'-9"	

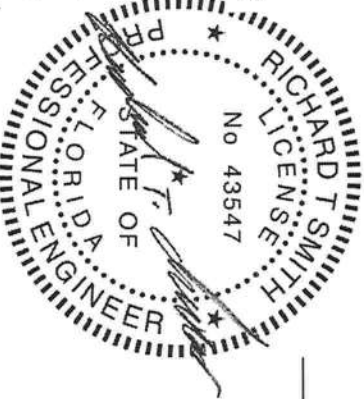
BUCK STEEL, INC.

CUSTOMER:
JOY WATERS

JOB NO:
2103

LOCATION:
FORT WHITE, FL

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



REVISIONS		DATE
[1]		3/26/12
[2]		
[3]		

DRAWING NAME:
RIGID FRAME CROSS SECTION

DRAWN BY:

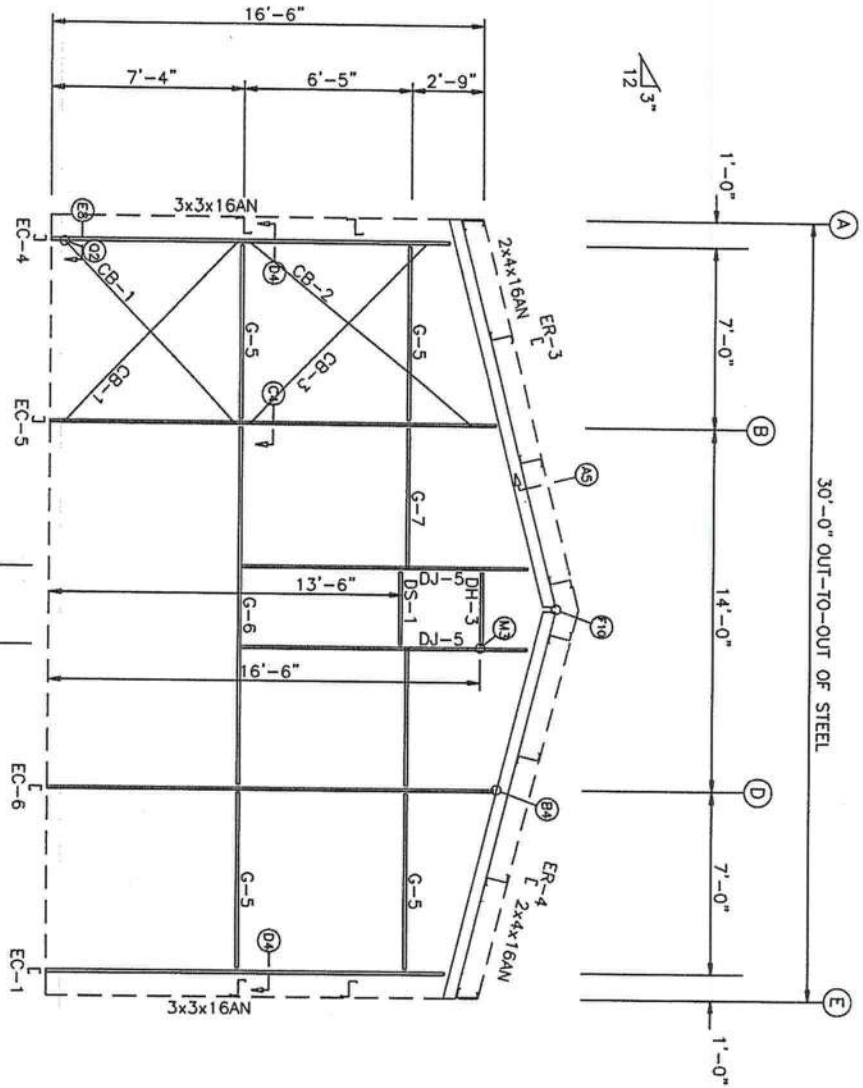
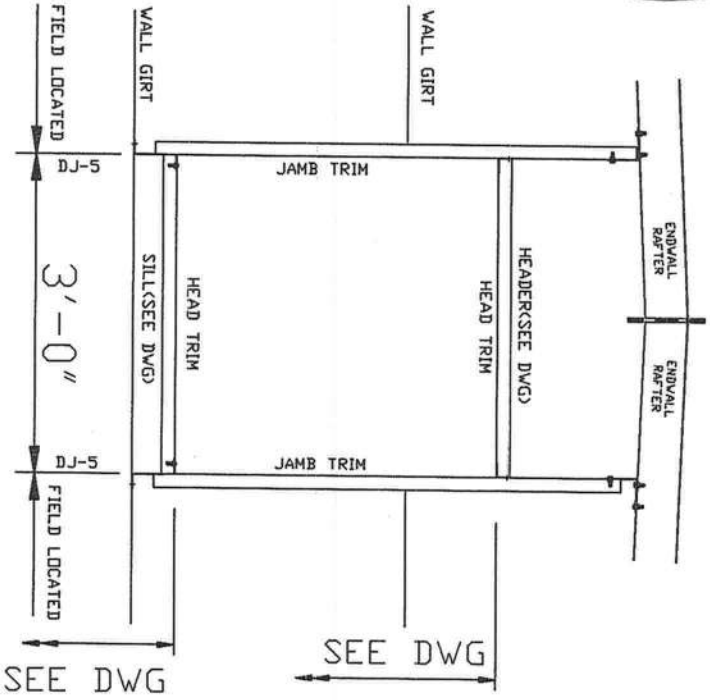
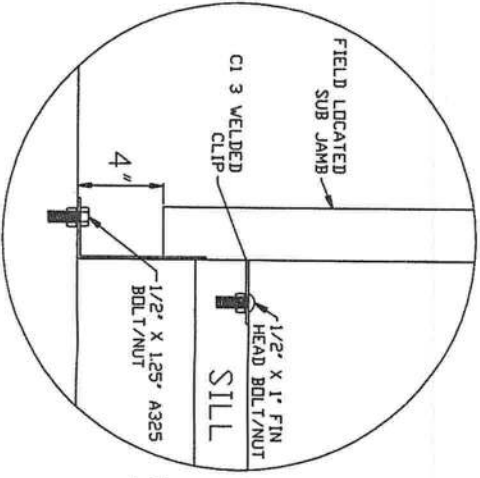
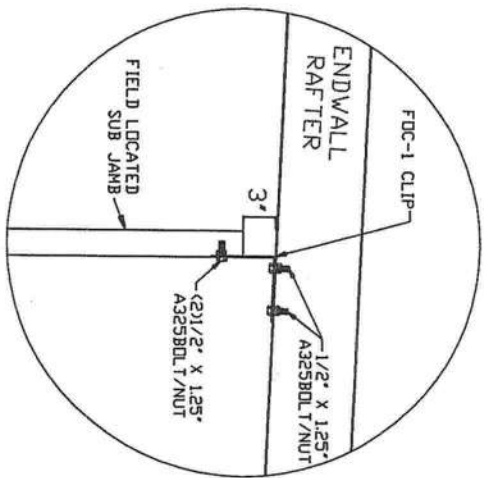
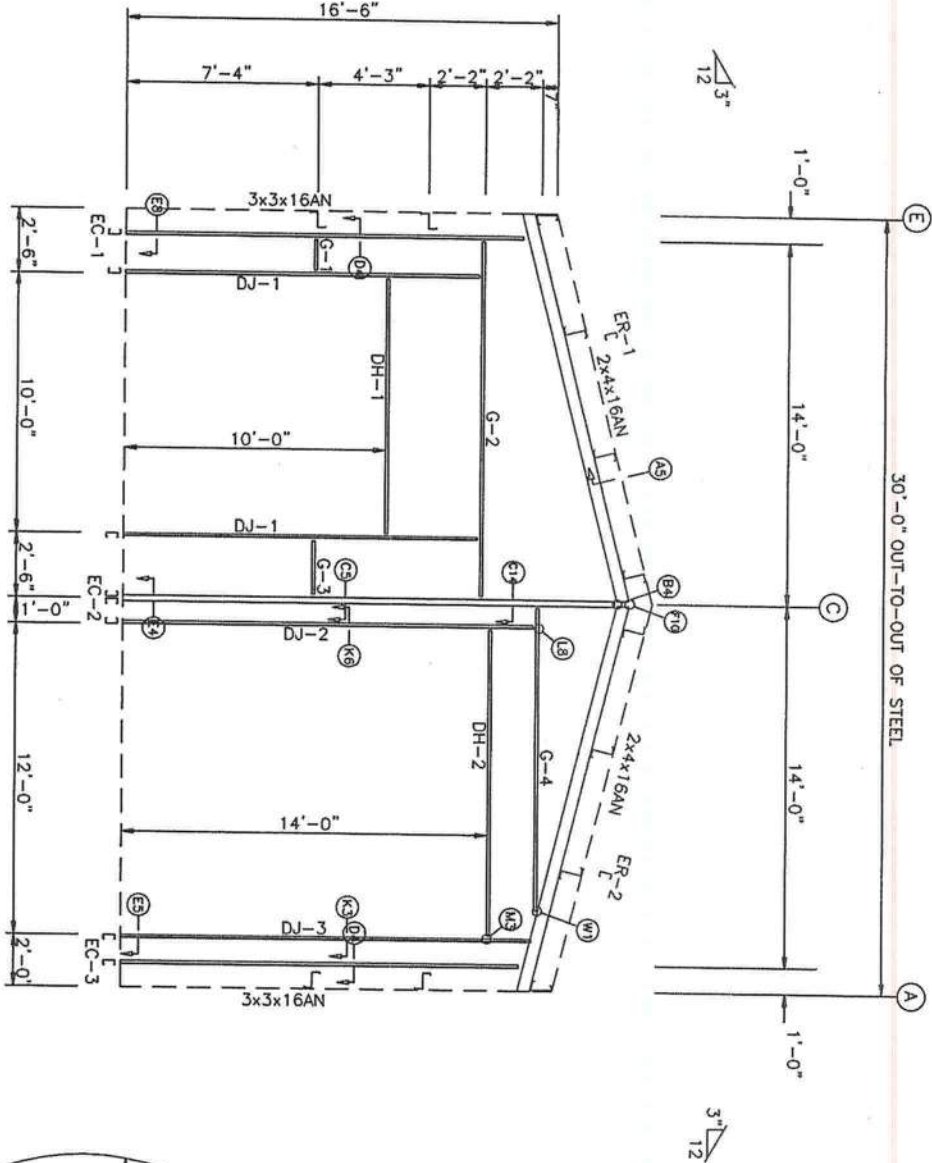
SCALE:
NONE

CHECKED BY:

REVIEWED

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

MEMBER TABLE			
FRAME LINE 1 & 3		PART	LENGTH
MARK			
EC-1	8X35C16	14'-11"	7/16"
EC-2	8X7DC12	18'-5"	7/16"
EC-3	8X35C16	14'-11"	7/16"
EC-4	8X35C16	14'-11"	7/16"
EC-5	8X35C12	16'-8"	7/16"
EC-6	8X35C12	16'-8"	7/16"
ER-1	8X40C12	15'-5"	5/16"
ER-2	8X40C12	15'-5"	5/16"
ER-3	8X35C14	15'-5"	5/16"
ER-4	8X35C14	13'-9"	5/16"
DJ-1	8X35C16	15'-11"	
DJ-2	8X35C16	15'-11"	
DJ-3	8X25C16	10'-8"	15/16"
DH-1	8X35C16	12'-0"	
DH-2	8X35C16	12'-0"	
DH-3	8X25C16	3'-0"	
DS-1	8X25Z16	1'-1"	1/2"
G-1	8X25Z16	13'-7"	1/2"
G-2	8X25Z16	1'-9"	1/2"
G-3	8X25Z16	10'-5"	1/4"
G-4	8X25Z16	6'-7"	1/2"
G-5	8X25Z14	13'-11"	1/2"
G-6	8X25Z16	13'-11"	1/2"
G-7	1/4 CBL	10'-1"	
CB-1	5/16 CBL	11'-7"	
CB-2	5/16 CBL	10'-4"	
CB-3			



FIELD LOCATED 3'-0" X 3'-0" F.D.

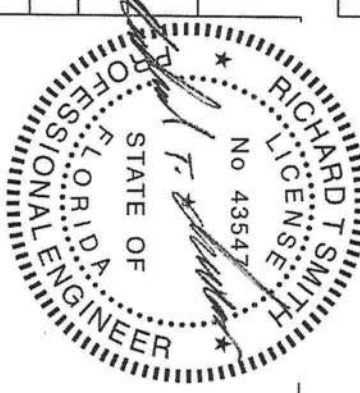
FDC-1 DETAIL

BUCK STEEL, INC.

JOY WATERS

REVISIONS	JOB NO.	DATE
[1]	2103	3/26/12
[2]		
[3]		

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



ENDWALL FRAMING: FRAME LINE 3

REVIEWED
Div. Director T. Smith, on 4/14/12, per Memo 706 70443

DETAIL A5 PURLIN TO ENDWALL RAFTER	DETAIL B4 CEE COLUMN / RAFTER CONNECTION	DETAIL C4 ENDWALL GIRTS TO INTERIOR COLUMN	DETAIL C5 ENDWALL GIRTS TO INTERIOR COLUMN
DETAIL C14 ENDWALL GIRT STOPPING AT COLUMN	DETAIL D4 GIRTS TO CORNER COLUMN	DETAIL E4 ENDWALL COLUMN BASE DETAIL	DETAIL E5 FRAMED OPENING JAMB BASE DETAIL

BUCK STEEL, INC.

CUSTOMER:
JOY WATERS

REVISIONS

[1]	JOB NO:	2103	DATE:	3/26/12
[2]	LOCATION:	FORT WHITE, FL	DRAWING NAME:	FRAMING DETAILS
[3]	DRAWING NO:		SCALE:	NONE
			CHECKED BY:	

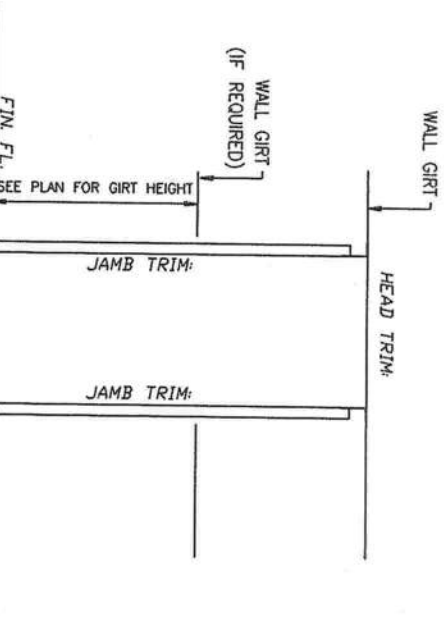
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874



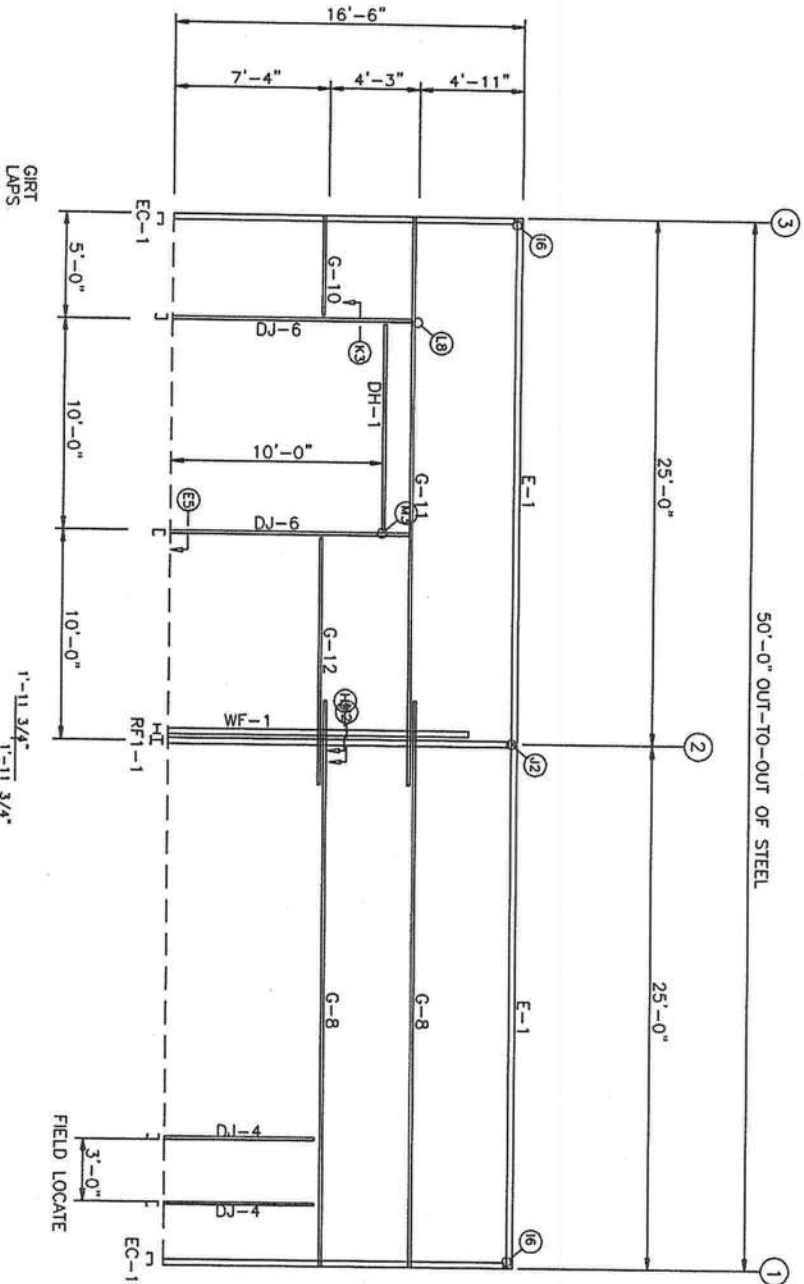
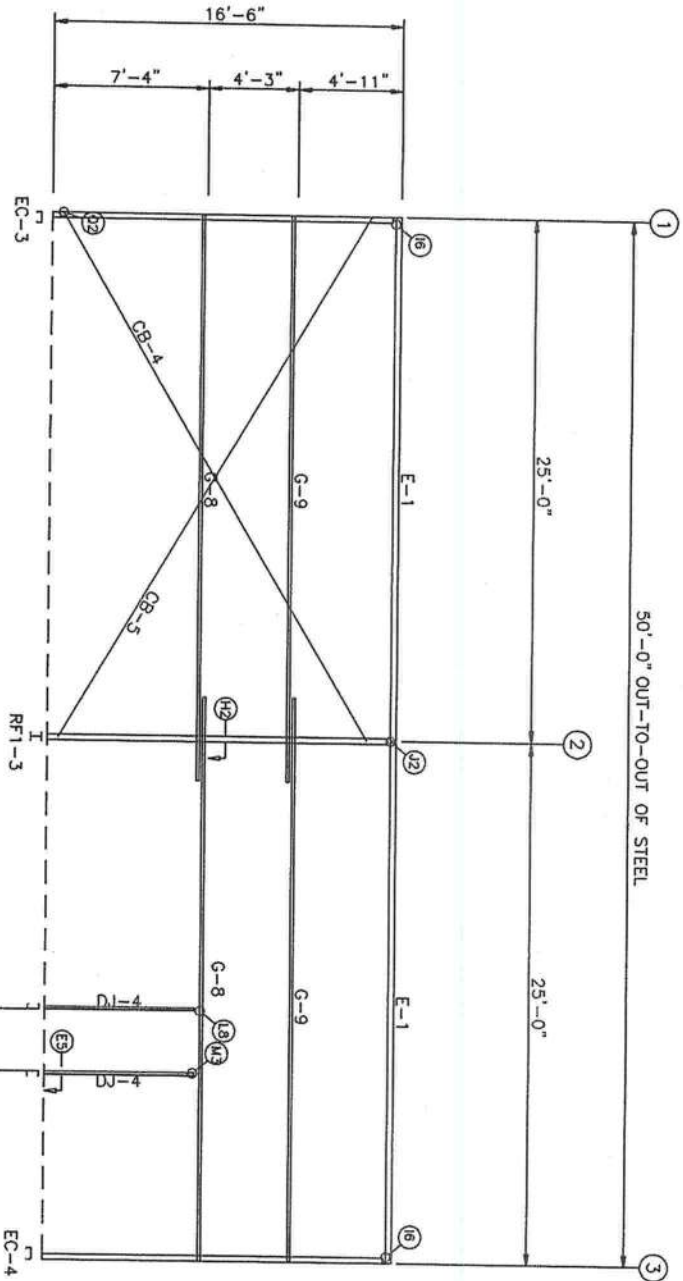
REVIEWED

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

MEMBER TABLE			
FRAME LINE A & E			
MARK	PART	LENGTH	
WF-1	B8X11.9	14'-6"	
DJ-4	8X25C16	7'-4"	
DJ-6	8X35C16	11'-7"	
DH-1	8X35C16	10'-0"	
E-1	10ES14@3	24'-11 1/2"	
G-8	8x25Z14	26'-11 1/2"	
G-9	8x25Z16	26'-11 1/2"	
G-10	8x25Z16	4'-7 1/2"	
G-11	8x25Z14	26'-11 1/2"	
G-12	8x25Z14	11'-7 1/2"	
CB-4	1/4 CBL	29'-3"	
CB-5	1/4 CBL	28'-8"	



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 51)



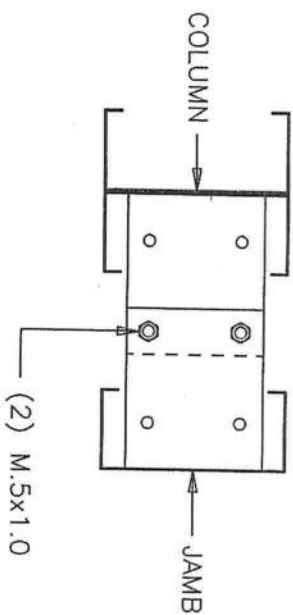
BUCK STEEL, INC.			
CUSTOMER: JOY WATTERS			
JOB NO: 2103		DATE: 3/26/12	
[1] REVISIONS	LOCATION: FORT WHITE, FL		
[2]	DRAWING NAME: SIDEWALL FRAMING LAYOUT		SCALE: NONE
[3]	DRAWING NO:		DRAWN BY: CHECKED BY:

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



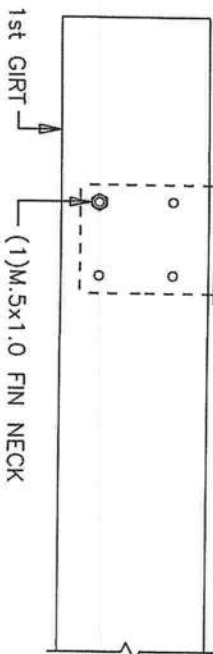
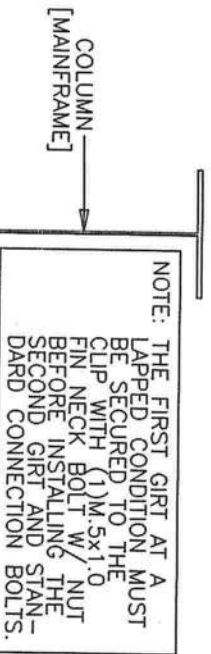
REVIEWED

DETAIL K6



COLUMN TO JAMB (CLIP TO CLIP)

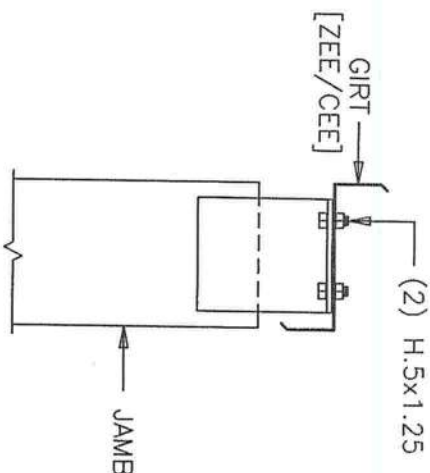
OSHA REQUIREMENT



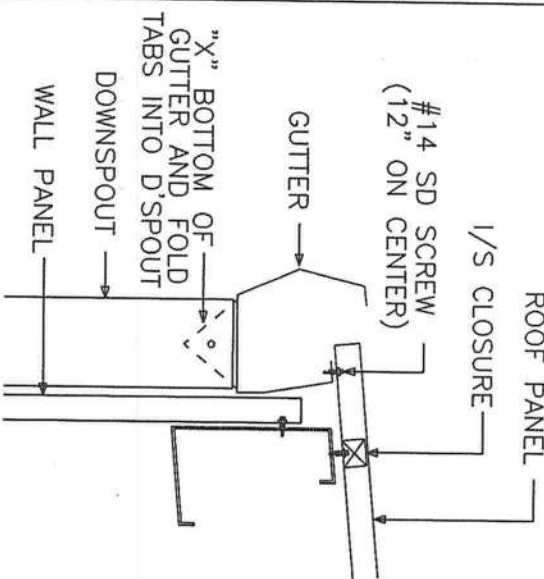
- * Directive Number: CPL 2-1.34
- * Title: Inspection policy and procedures for OSHA's steel erection standards for construction
- * Standard Number: 1926
- * Information Date: 03/22/2002

LAPPED GIRTS TO MAINFRAME COLUMN

DETAIL L8



FRAMED OPENING JAMB TO GIRT

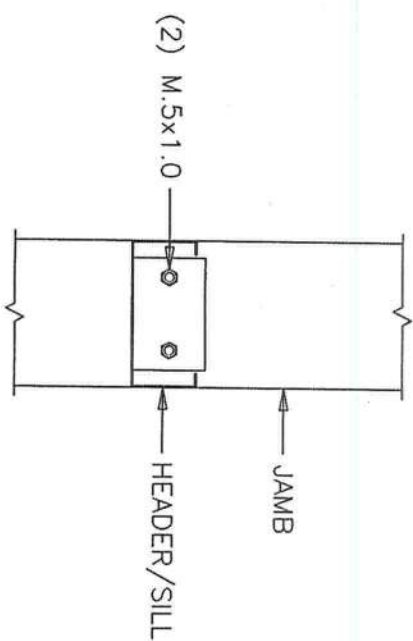


NOTE: INSTALL GUTTER STRAPS 3'0\"/>

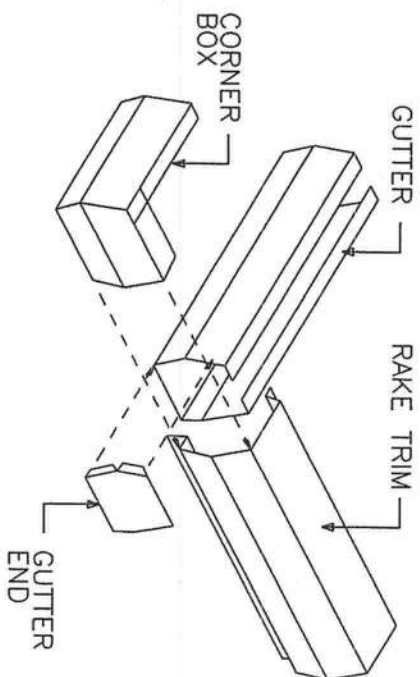
GUTTER DETAIL

TRIM_1

DETAIL M3



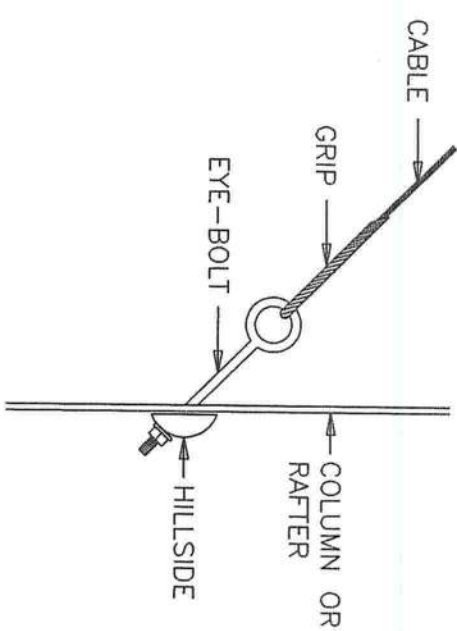
FRAMED OPENING HEADER/SILL TO JAMB



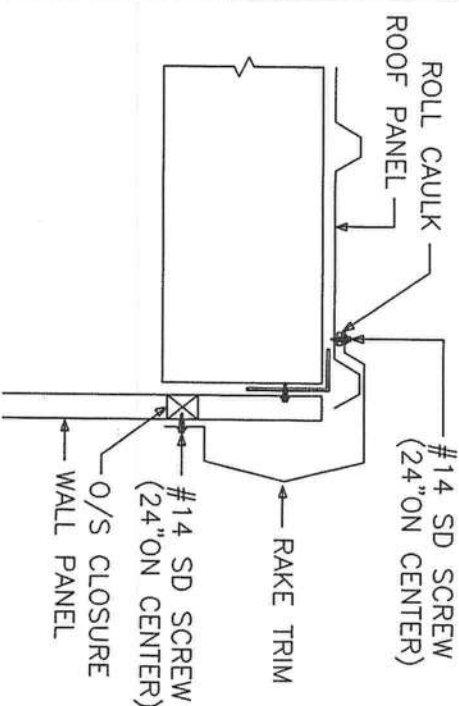
GUTTER END DETAIL

TRIM_2

DETAIL Q2



CABLE INSTALLATION DETAIL



RAKE TRIM DETAIL

TRIM_3

Richard T. Smith

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

BUCK STEEL, INC.

CUSTOMER:
JOY WATERS

REVISIONS	JOB NO.	DATE
[1]	2103	3/26/12

LOCATION:
FORT WHITE, FL

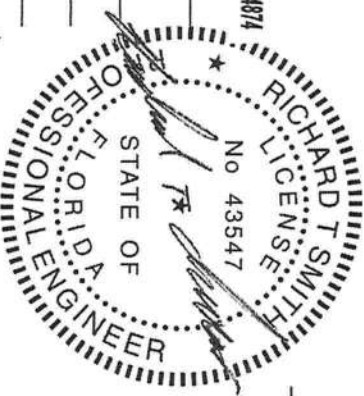
DRAWING NAME:	SCALE:
FRAMING DETAILS	NONE

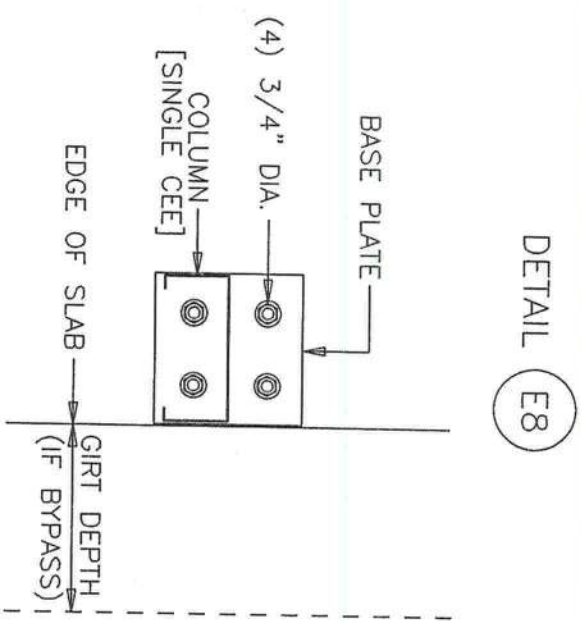
DRAWING NO.:

DRAWN BY:

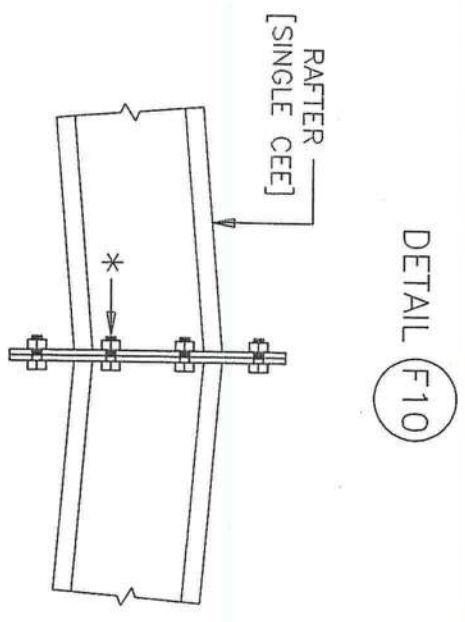
CHECKED BY:

REVIEWED

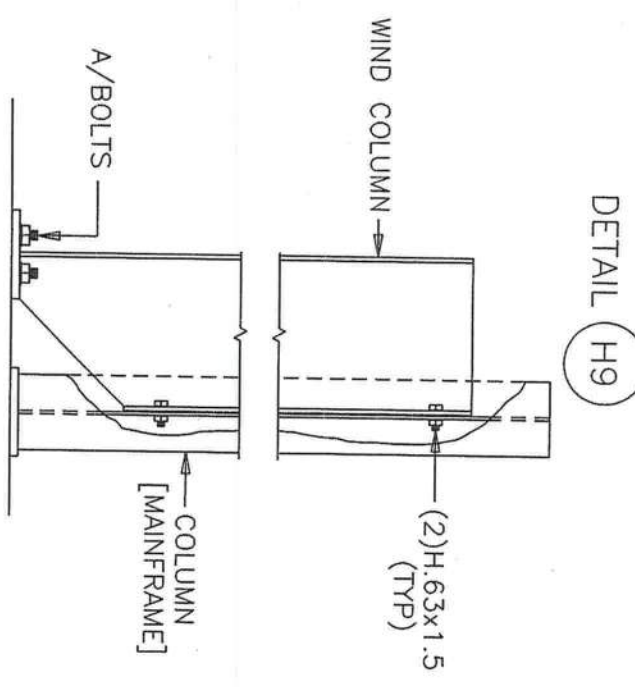
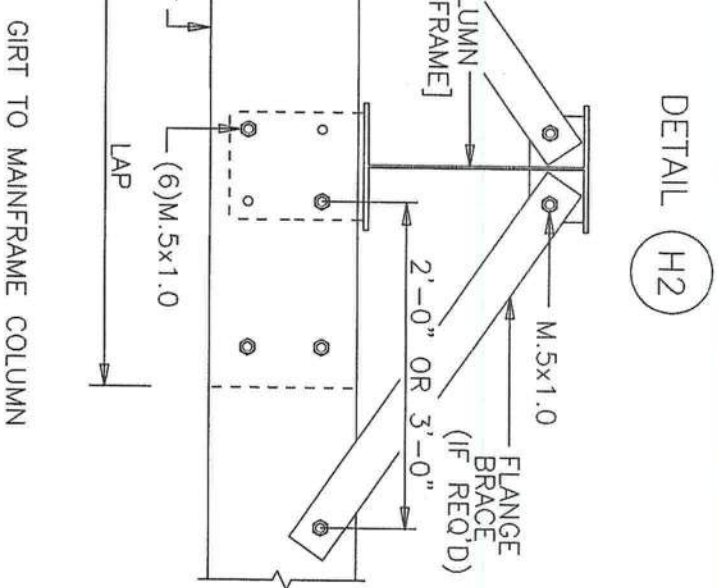
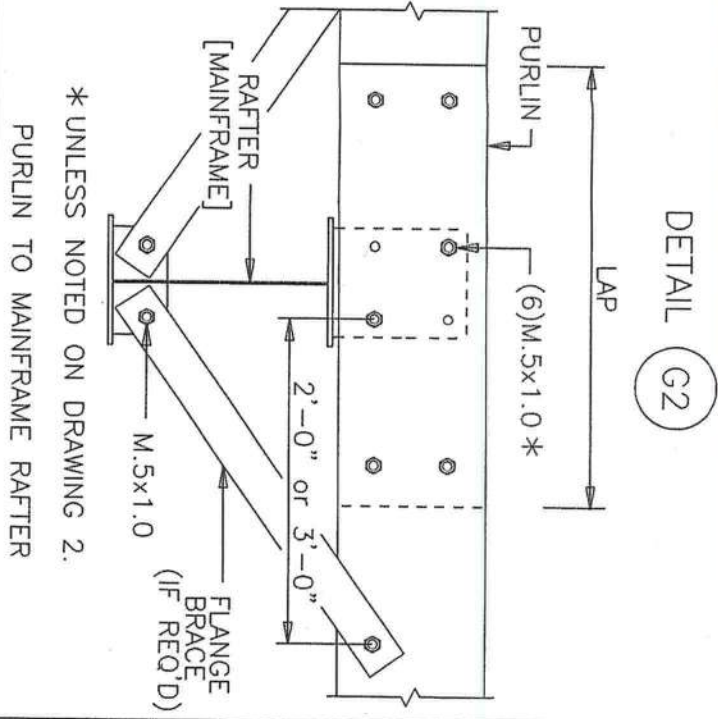




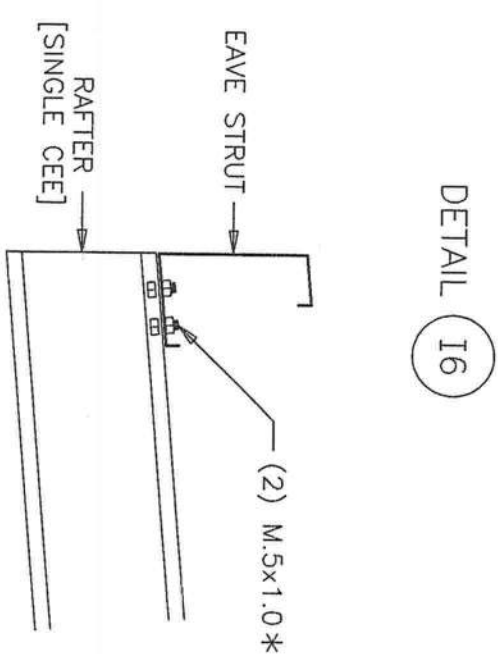
ENDWALL COLUMN BASE DETAIL



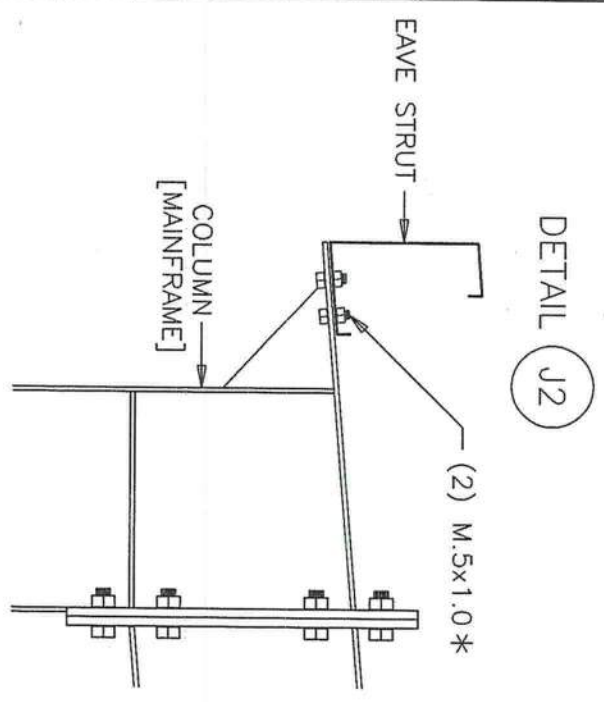
RAFTER DETAIL AT RIDGE



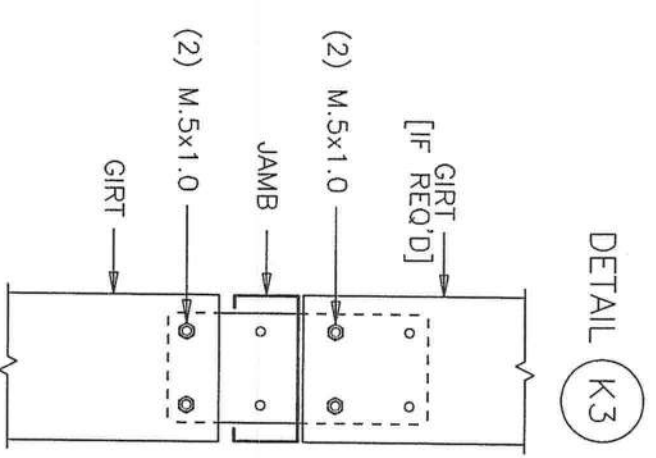
WIND COLUMN DETAIL



EAVE STRUT CONNECTION AT ENDWALL



EAVE STRUT CONNECTION AT MAINFRAME



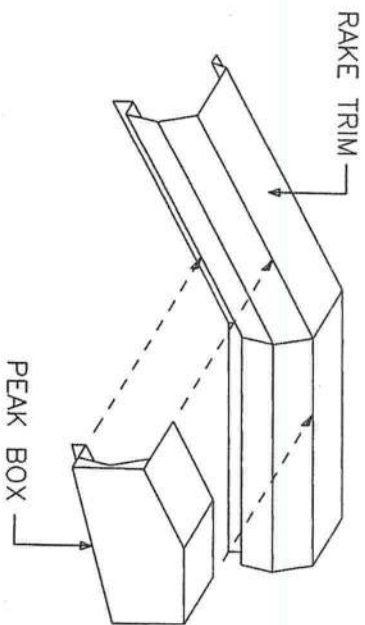
GIRTS TO JAMB

BUCK STEEL, INC.			
CUSTOMER: JOY WATTERS			
JOB NO: 2103			
LOCATION: FORT WHITE, FL			
DATE: 3/26/12			
DRAWING NAME: FRAMING DETAILS			
DRAWING NO: []			
SCALE: NONE			
CHECKED BY: []			

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

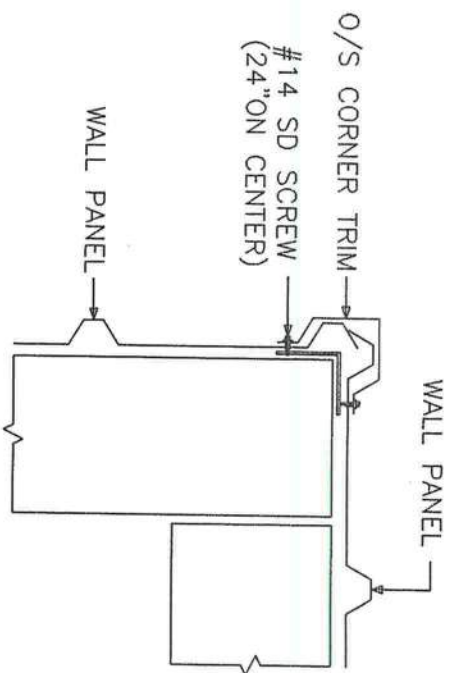


REVIEWED



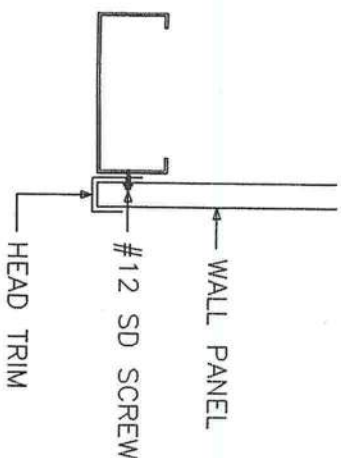
TRIM_4

PEAK BOX DETAIL



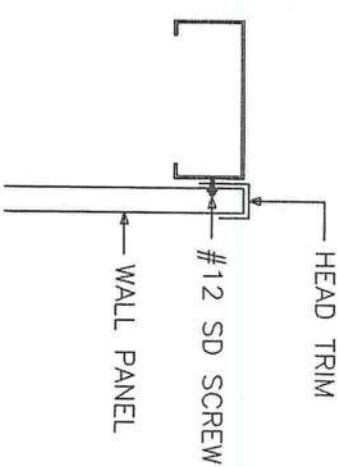
TRIM_5

O/S CORNER DETAIL



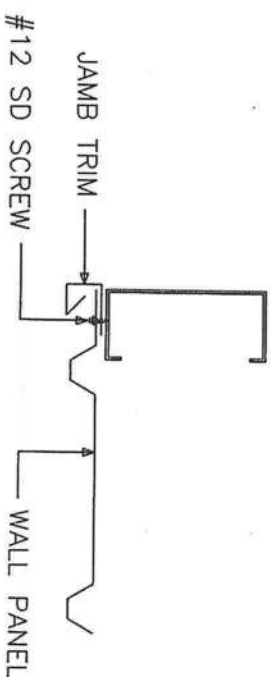
TRIM_6

HEAD TRIM DETAIL AT HEADER



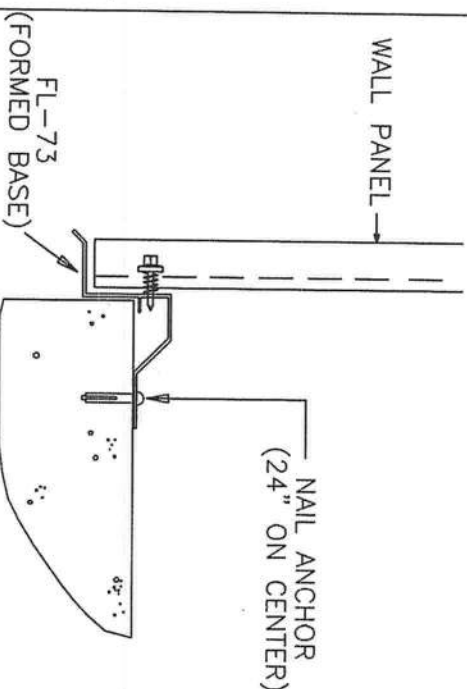
TRIM_7

HEAD TRIM DETAIL AT SILL



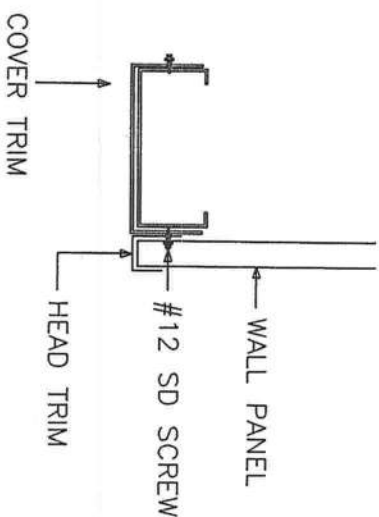
TRIM_8

JAMB TRIM DETAIL AT JAMB



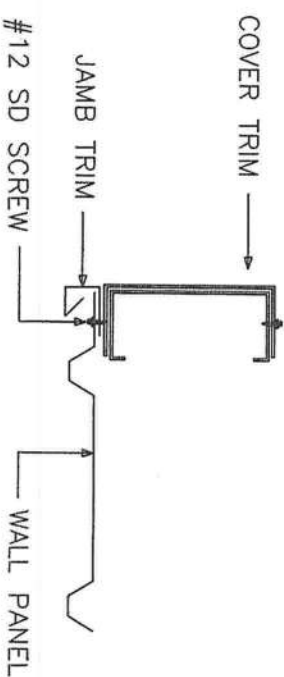
TRIM_9

FORMED BASE DETAIL



TRIM_10

COVER TRIM DETAIL AT HEADER



TRIM_11

COVER TRIM DETAIL AT JAMB

BUCK STEEL, INC.

CUSTOMER:
JOY WATTERS

REVISIONS

JOB NO.:
2103

LOCATION:
FORT WHITE, FL

DRAWING NAME:
FRAMING DETAILS

DRAWING NO.:
3

DATE:
3/26/12

SCALE:
NONE

DRAWN BY:
CHECKED BY:

Richard T. Smith

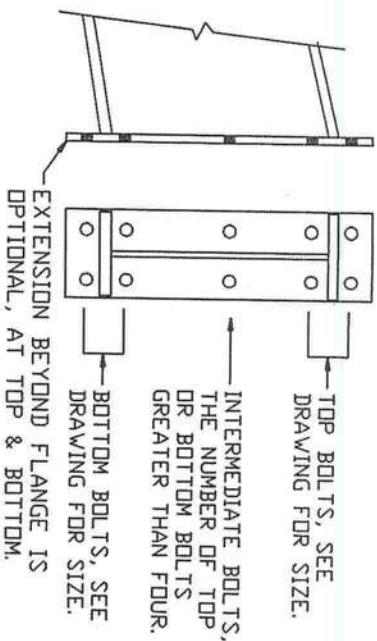
PE # 43547

102 Main Street Ste 212

Lagrange, Georgia Pk. (706) 888-4874



REVIEWED



U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK

NOTE: THE PROPER TIGHTENING AND INSPECTION OF ALL FASTENERS IS THE RESPONSIBILITY OF THE ERECTOR. ALL 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". (ex: H.63x2.0 OR H.75x2.75)

TURN-OF-NUT TIGHTENING: IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG-TIGHT CONDITION, SNUG TIGHT IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN THE FLEES 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 PART NOT TURNED. 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	REQUIRED ROTATION
UP TO AND INCLUDING 4 DIAMETERS	1/3 TURN
OVER 4 DIAMETERS BUT NOT EXCEEDING 8 DIAMETERS	1/2 TURN
OVER 8 DIAMETERS 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 NOTES:

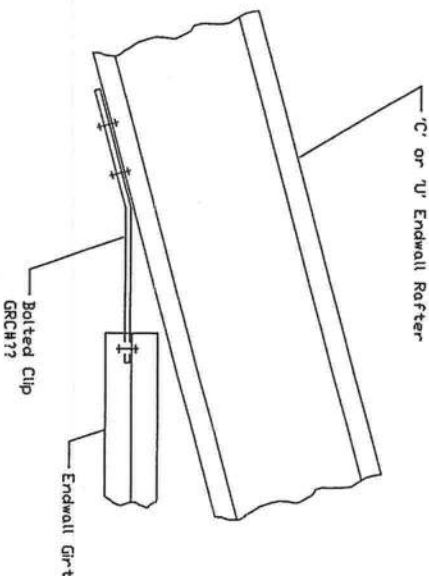
- [1] SEAL TRIM SPLICES WITH TUBE CAULK.
- [2] SECURE GUTTER SPLICES AND END PLUGS WITH RIVETS.
- [3] SECURE ALL OTHER ROOF TRIM SPLICES WITH TRIM SCREWS UNLESS NOTED OTHERWISE.
- [4] TRIM SCREWS ARE LOCATED 24" ON CENTER UNLESS NOTED OTHERWISE.

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.



ATTACH WITH:
CLIP TO RAFTER (2) 1/2" X 1" A307 BOLT/NUT
CLIP TO GIRT (2) 1/2" X 1" A307 BOLT/NUT

W1 SECTION OF ENDWALL GIRT TO RAFTER

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



BUCK STEEL, INC.

CUSTOMER:
JOY WATTERS

REVISIONS

REV NO.	DATE
[1] 2103	3/26/12
[2]	
[3]	

LOCATION:
FORT WHITE, FL

DRAWING NAME:
FRAMING DETAILS

DRAWING NO.:

DRAWN BY:

CHECKED BY:

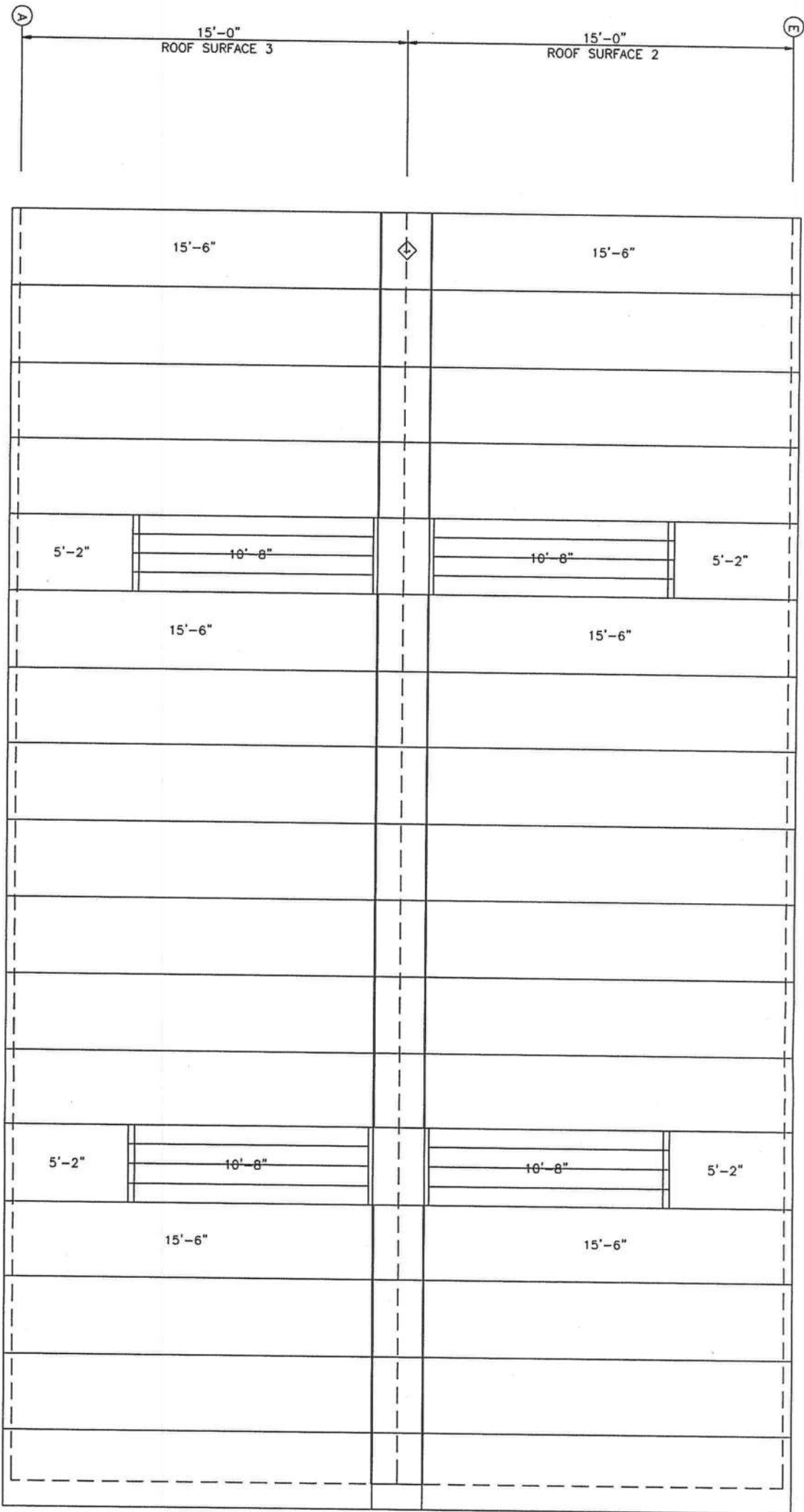
REVIEWED

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

50'-0" OUT-TO-OUT OF STEEL

25'-0"

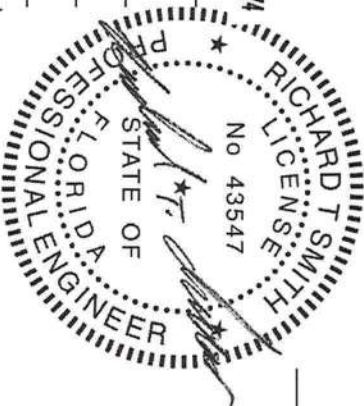
25'-0"



Panel Start 12'-0"

ROOF SHEETING PLAN
PANELS: 26 GA. PBR - GALVALUME

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



BUCK STEEL, INC.

CUSTOMER:
JOY WATTERS

JOB NO.:
2103

LOCATION:
FORT WHITE, FL

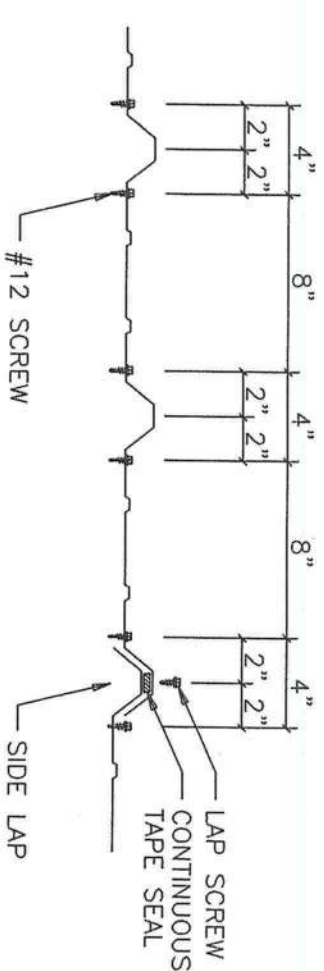
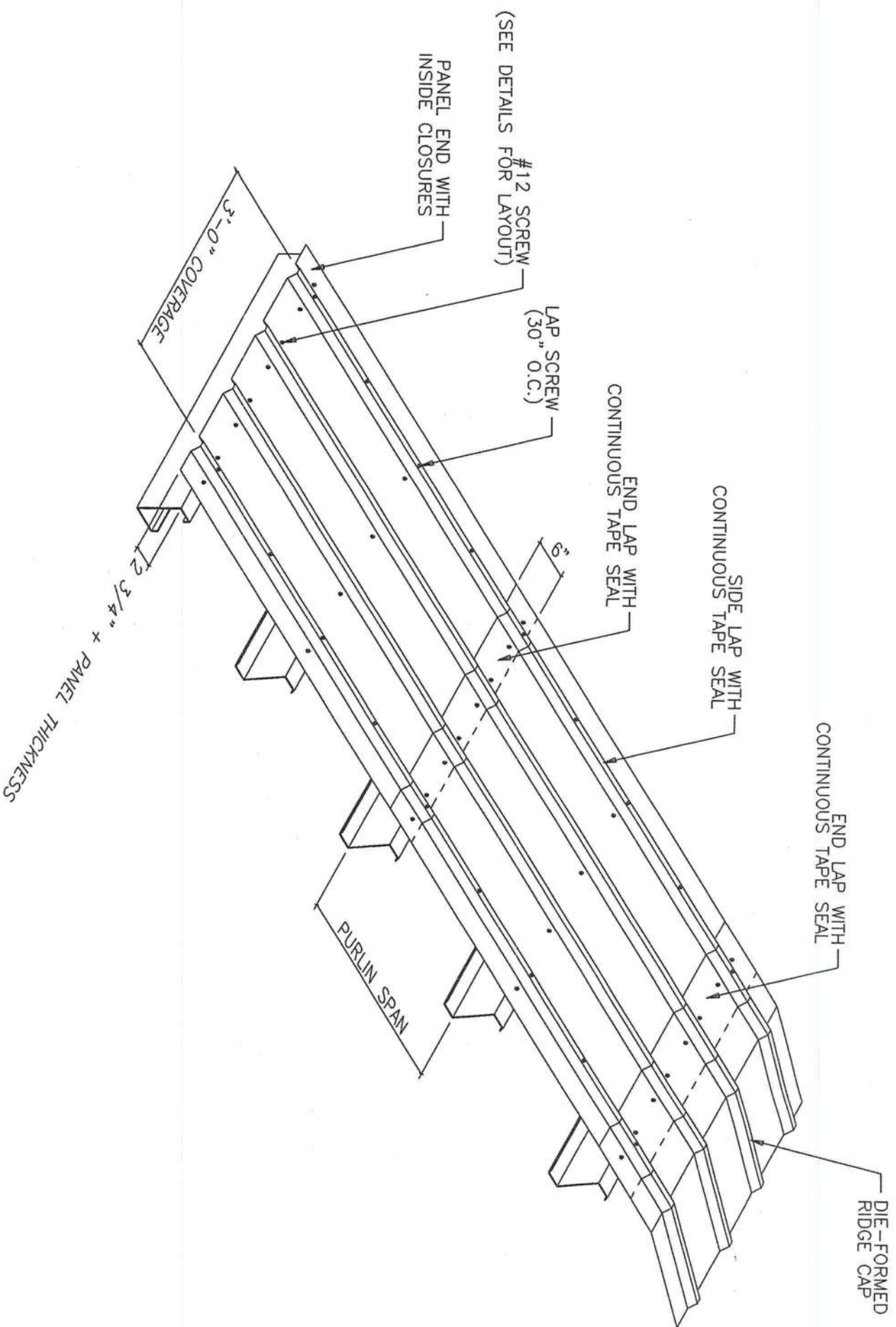
REVISIONS		DATE:
[1]		3/26/12
[2]		
[3]		

DRAWING NAME:
ROOF PANELS & TRIM

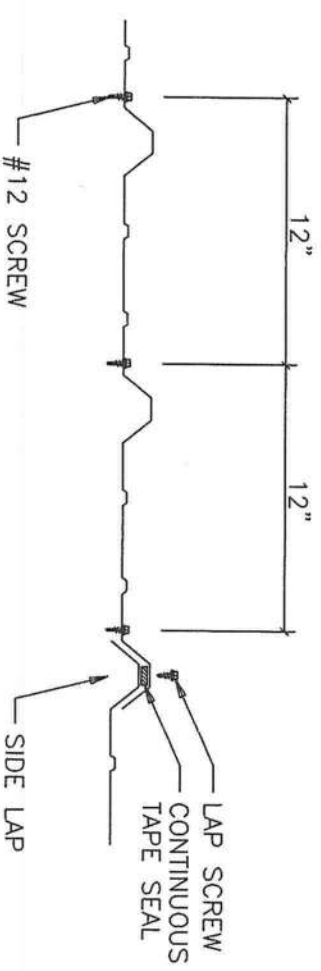
DRAWN BY:
NONE

CHECKED BY:

REVIEWED



DETAIL AT PANEL END



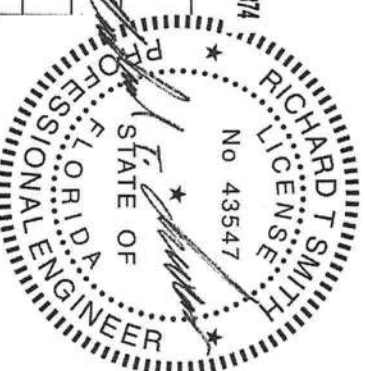
DETAIL AT INTERIOR OF PANEL

NOTES:

- [1] ALL END LAPS MUST BE A MINIMUM OF 6".
- [2] METAL SHAVINGS MUST BE SWEEPED 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.

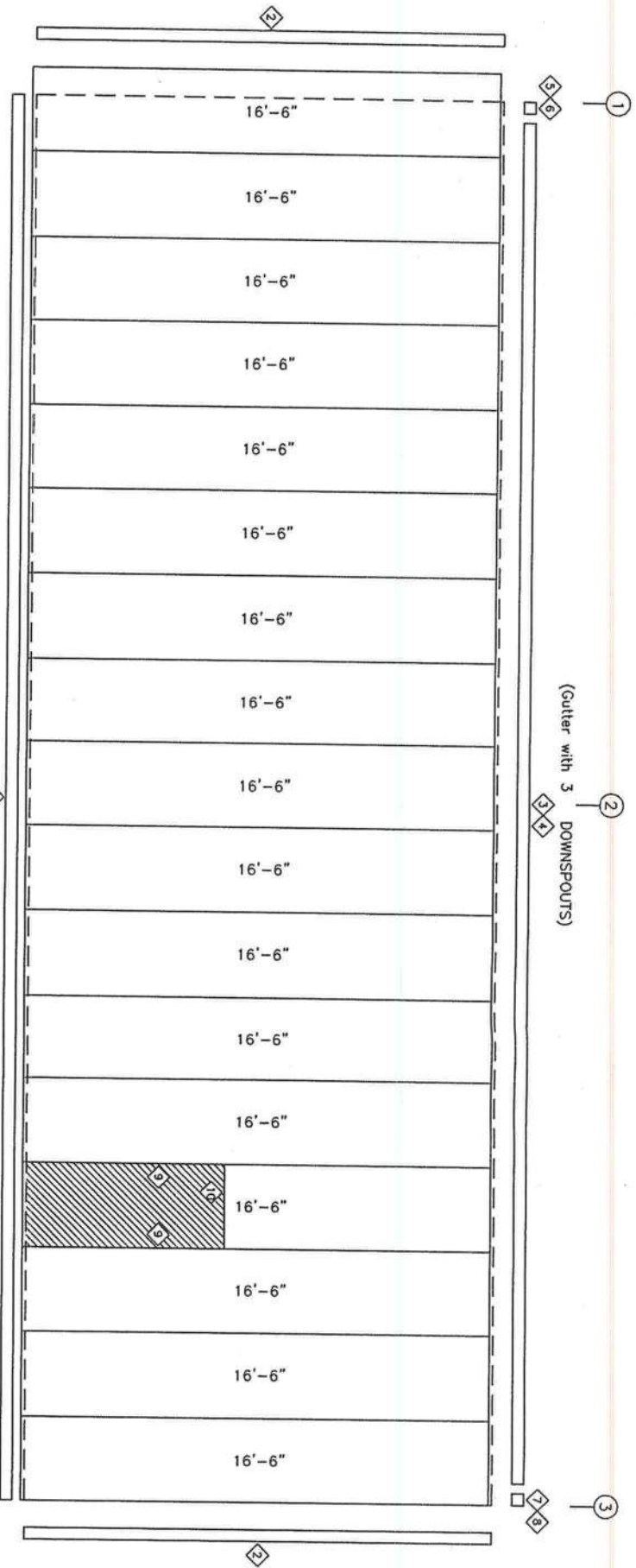
BUCK STEEL, INC.			
CUSTOMER: JOY WATTERS			
JOB NO:	2103	DATE:	3/26/12
LOCATION: FORT WHITE, FL			
DRAWING NAME: ROOF PANEL DETAILS			
DRAWING NO:		DRAWN BY:	
		CHECKED BY:	
		SCALE:	NONE

Richard T. Smith
 PE # 43547
 102 Main Street Ste#12
 Lagrange, Georgia Pk: (706) 888-4874

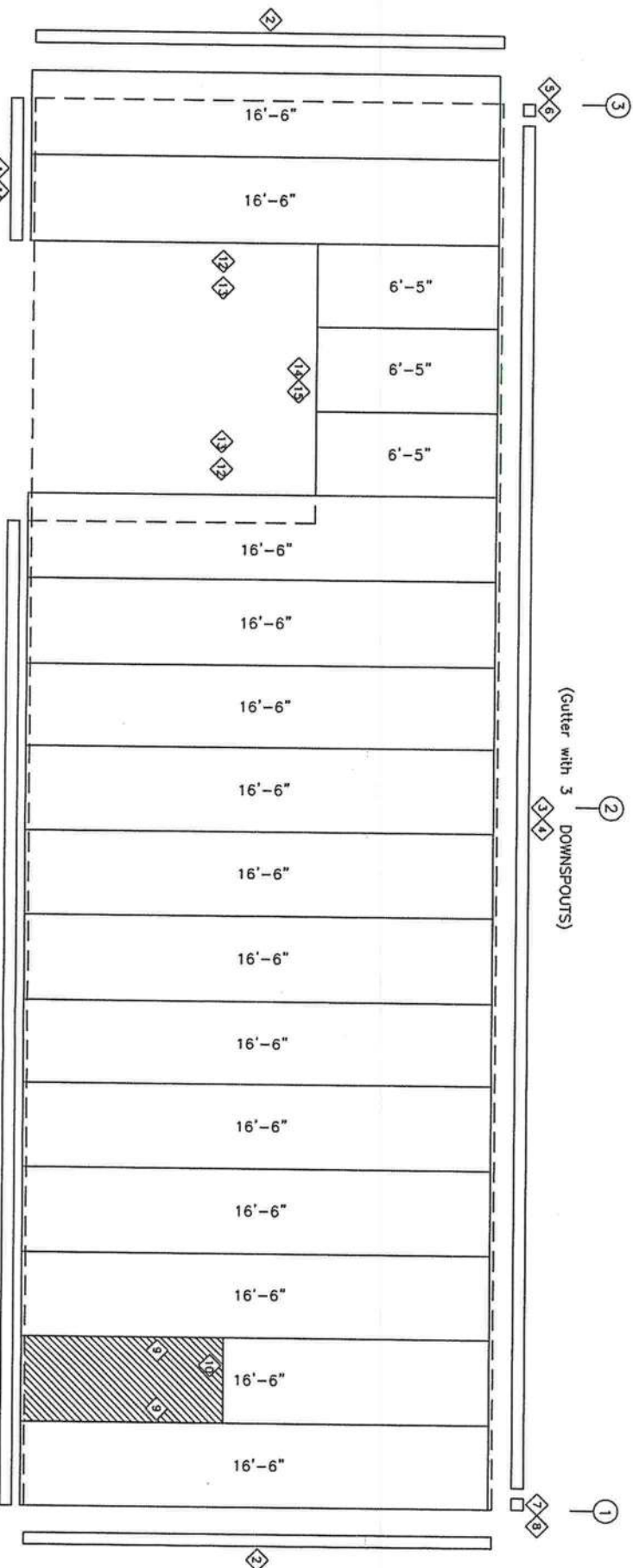


REVIEWED

TRIM TABLE			
FRAME LINE A & E			
ID	PART	LENGTH	DETAIL
1	FL-73	20'-0"	TRIM-9
2	O/S CORN	16'-8"	TRIM-5
3	GUTTER	20'-3"	TRIM-1
4	GUTTER	10'-0"	TRIM-1
5	GUTTER L	1'-0"	TRIM-2
6	CORBOX L	1'-0"	TRIM-2
7	GUTTER R	1'-0"	TRIM-2
8	CORBOX R	1'-0"	TRIM-2
9	R JAMB	7'-3"	TRIM-8
10	R HEAD	3'-3"	TRIM-6
11	FL-73	SCRAP	TRIM-9
12	CT8	10'-1"	TRIM-11
13	R JAMB	10'-3"	TRIM-8
14	CT8	10'-0"	TRIM-10
15	R HEAD	10'-3"	TRIM-6



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



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

Richard T. Smith
PE # 43547
102 Main Street SHEL212
Lagrange, Georgia Pk: (706) 888-4814

BUCK STEEL, INC.

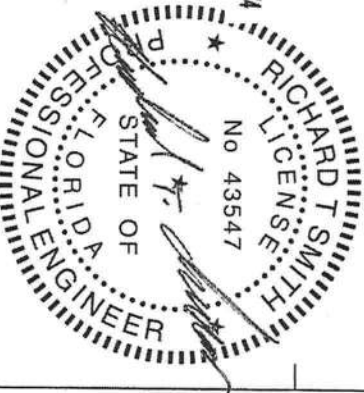
CUSTOMER:
JOY WATTERS

REVISIONS
JOB NO.: 2103
DATE: 3/26/12

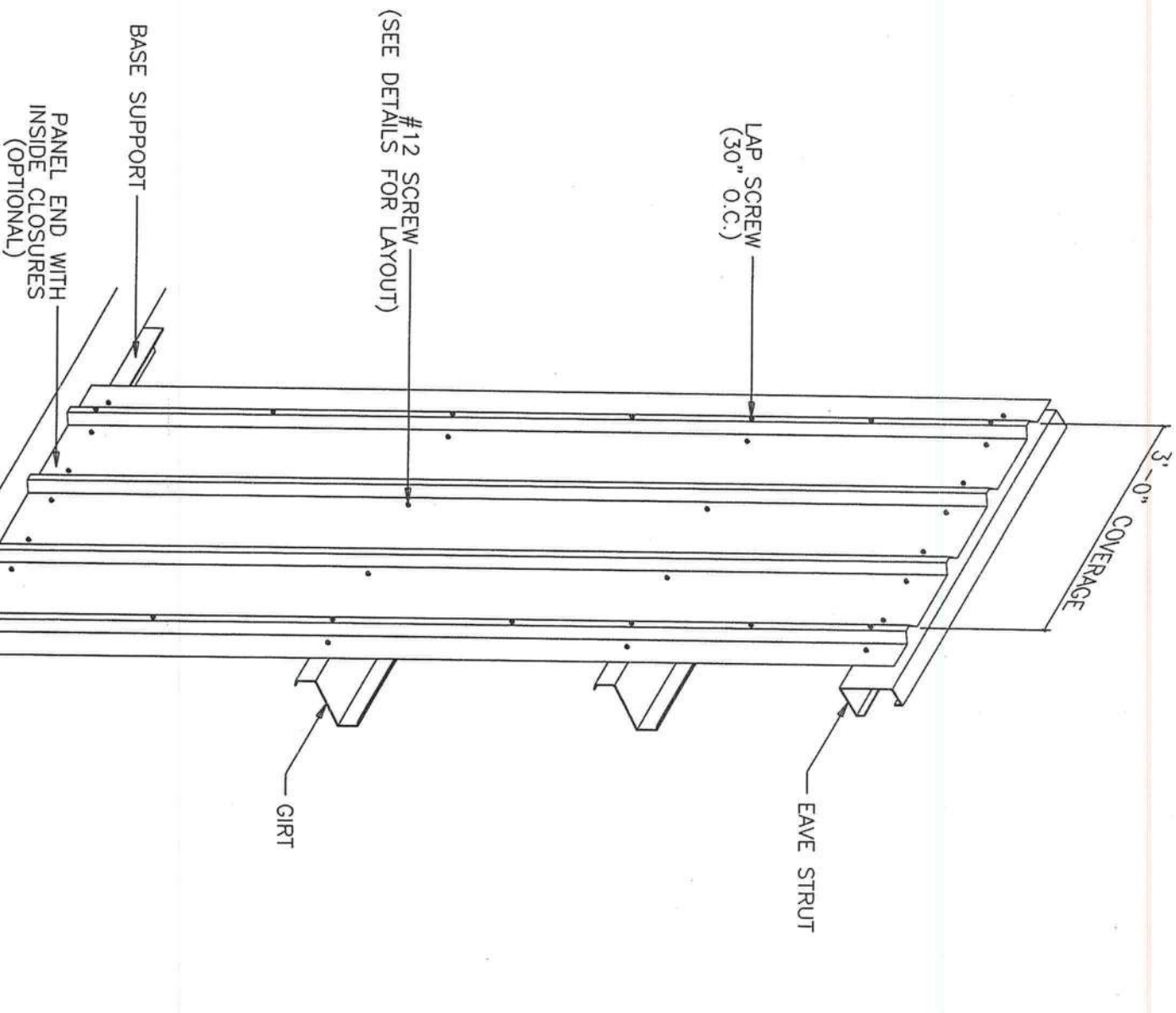
[1] LOCATION:
FORT WHITE, FL

[2] DRAWING NAME:
SIDEWALL PANELS & TRIM

[3] DRAWING NO.:
SCALE: NONE
DRAWN BY: CHECKED BY:

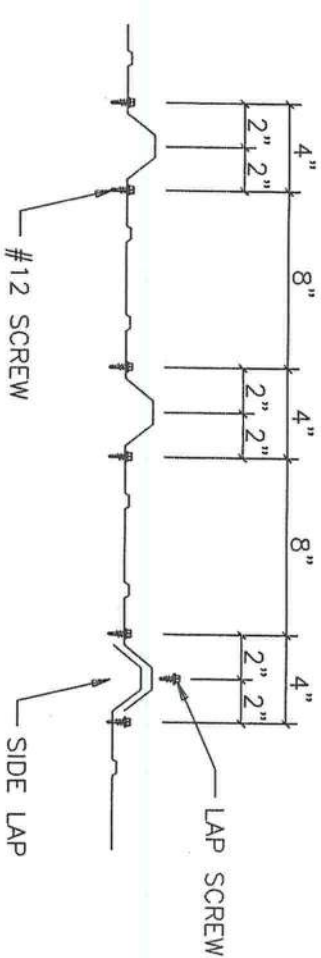


REVIEWED

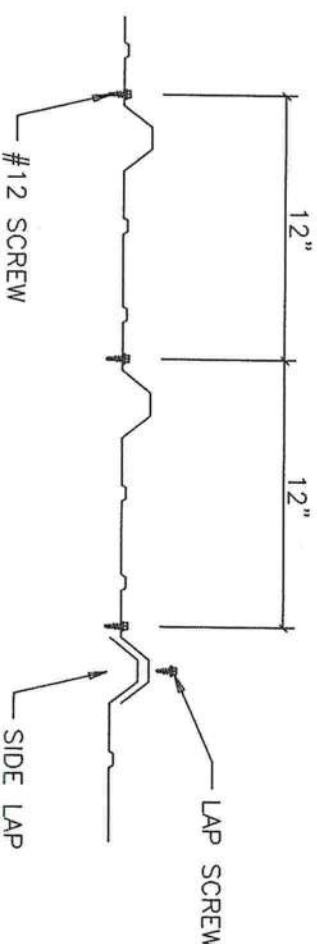


NOTES:

- [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.



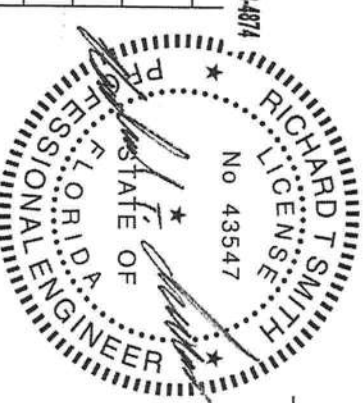
DETAIL AT PANEL END
DETAIL AT HEADER/SILL
DETAIL AT PARTIAL WALL



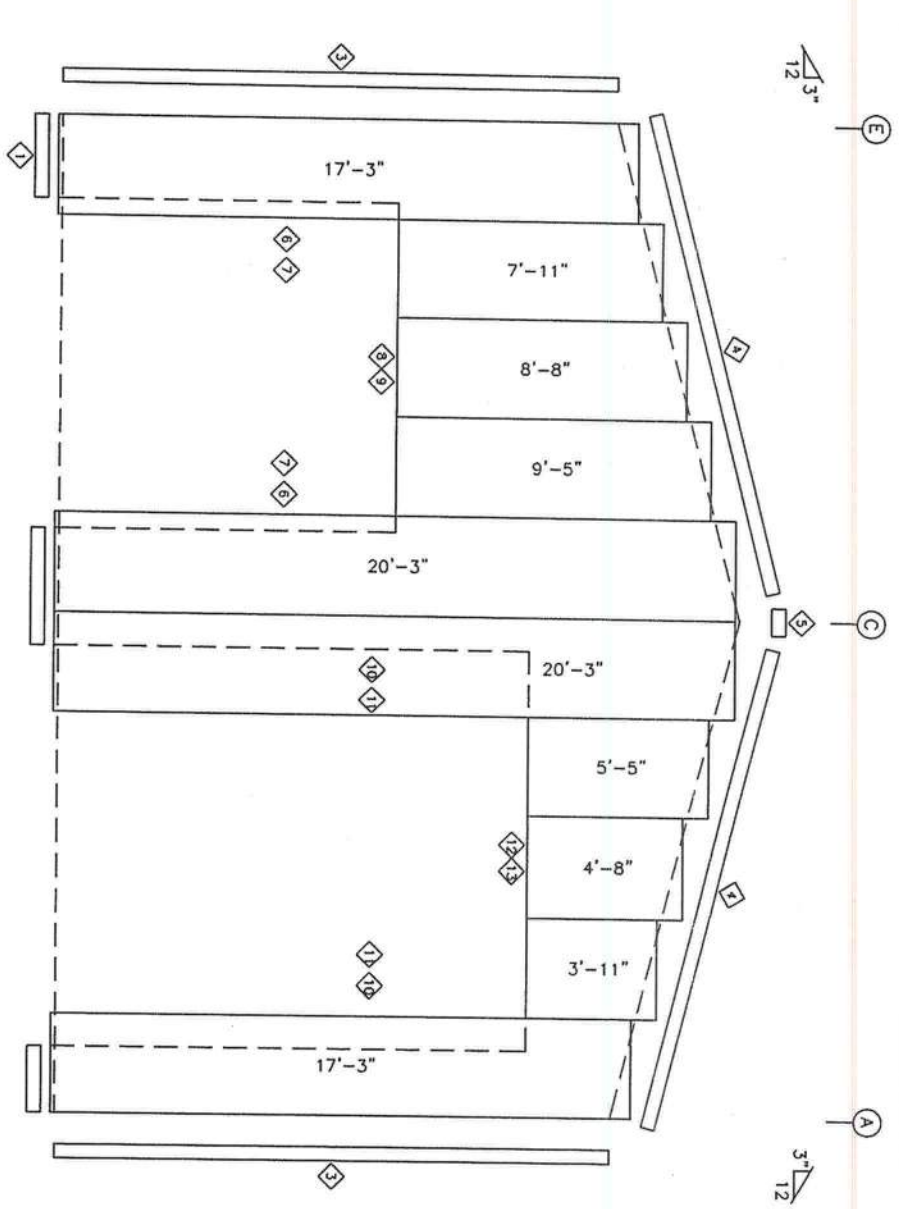
DETAIL AT INTERIOR OF PANEL

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

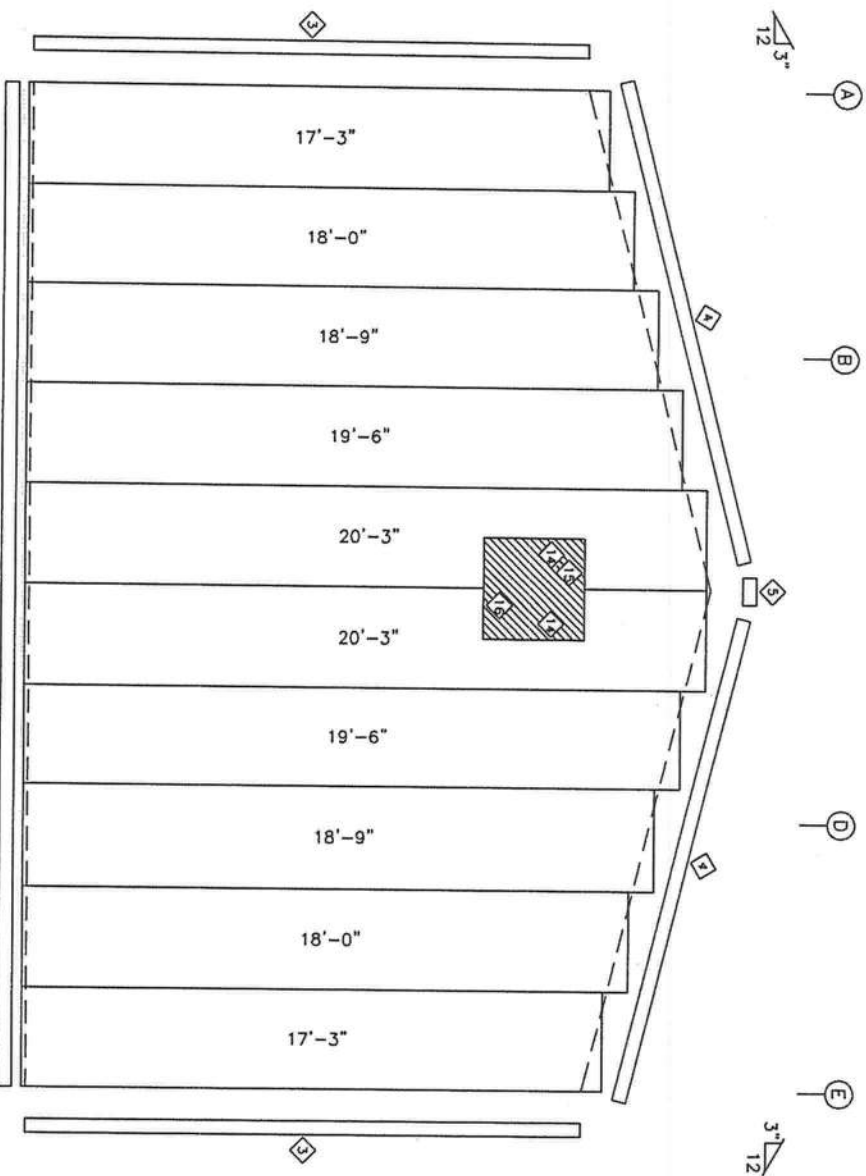
BUCK STEEL, INC.			
CUSTOMER: JOY WATTERS			
REVISIONS	JOB NO: 2103	DATE: 3/26/12	
[1]	LOCATION: FORT WHITE, FL		
[2]	DRAWING NAME: SIDEWALL PANEL DETAILS		
[3]	DRAWING NO: DRAWN BY: CHECKED BY:		
		SCALE: NONE	



REVIEWED



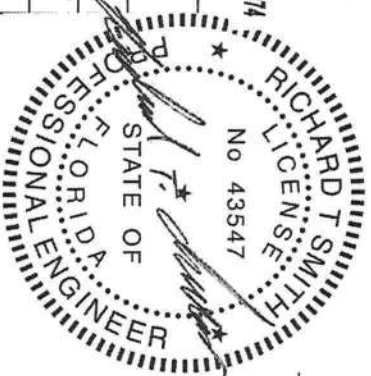
ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 GA. PBR - LIGHT STONE



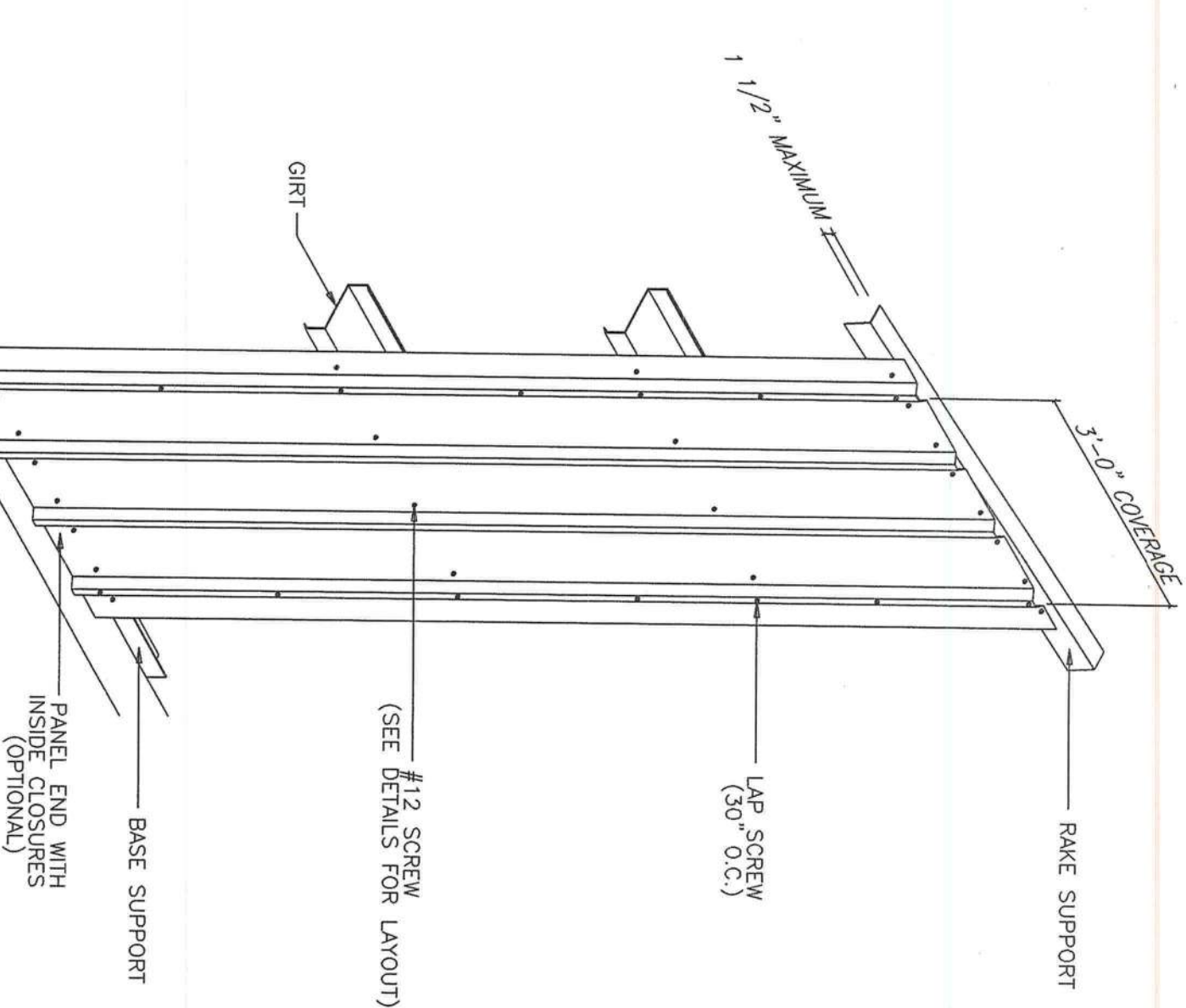
ENDWALL SHEETING & TRIM: FRAME LINE 3
PANELS: 26 GA. PBR - LIGHT STONE

TRIM TABLE			
FRAME LINE 1 & 3			
ID	PART	LENGTH	DETAIL
1	FL-73	20'-0"	TRIM_9
3	O/S CORN	16'-8"	TRIM_5
4	RAKE TRM	15'-6"	TRIM_3
5	PEAK BOX	1'-4"	TRIM_4
6	CT8	10'-1"	TRIM_11
7	R JAMB	10'-3"	TRIM_8
8	CT8	10'-0"	TRIM_10
9	R HEAD	10'-3"	TRIM_6
10	CT8	14'-1"	TRIM_11
11	R JAMB	14'-3"	TRIM_8
12	CT8	12'-0"	TRIM_10
13	R HEAD	12'-3"	TRIM_6
14	R JAMB	3'-3"	TRIM_8
15	R HEAD	3'-3"	TRIM_6
16	R HEAD	3'-3"	TRIM_7

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

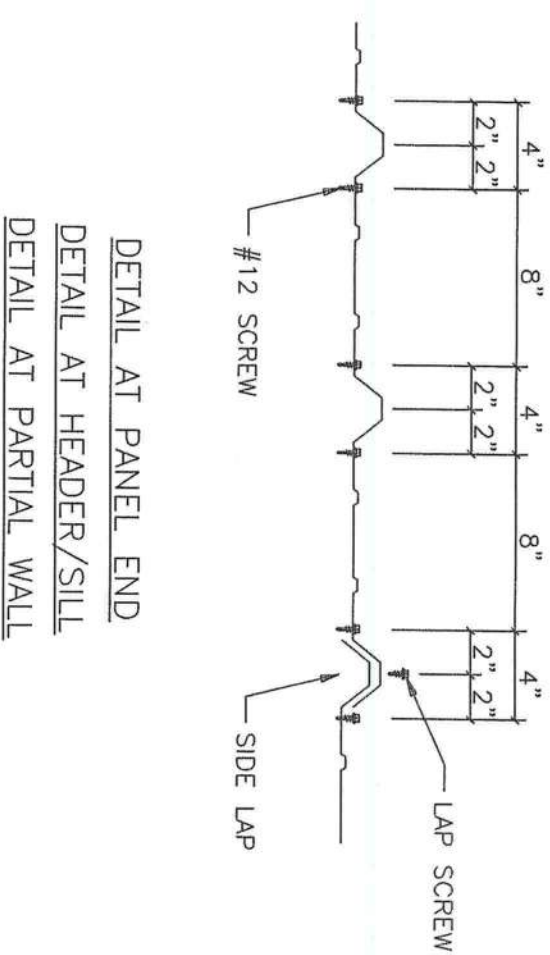


BUCK STEEL, INC.	
CUSTOMER: JOY WATTERS	
JOB NO: 2103	DATE: 3/26/12
LOCATION: FORT WHITE, FL	
DRAWING NAME: ENDWALL PANELS & TRIM	SCALE: NONE
DRAWING NO: 11-11-11	DRAWN BY: 11-11-11
CHECKED BY: 11-11-11	
REVIEWED	

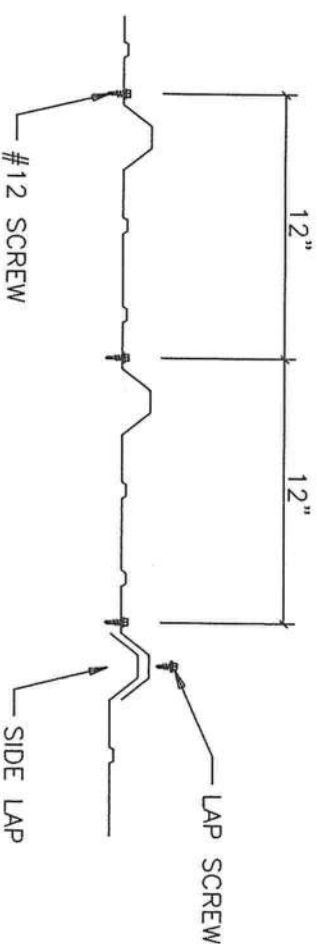


NOTES:

- [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.

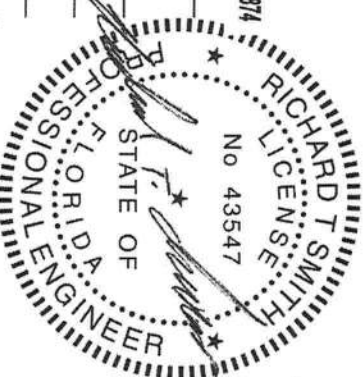


DETAIL AT PANEL END
DETAIL AT HEADER/SILL
DETAIL AT PARTIAL WALL



DETAIL AT INTERIOR OF PANEL

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



BUCK STEEL, INC.

CUSTOMER:
JOY WATTERS

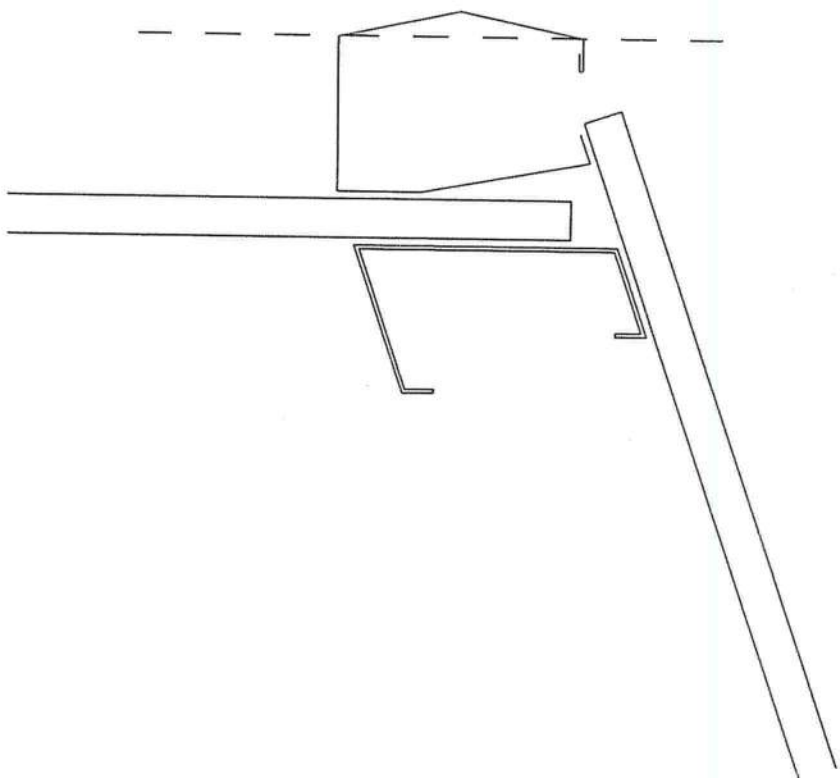
REVISIONS	JOB NO.	DATE
[1]	2103	3/26/12

[2] FORT WHITE, FL

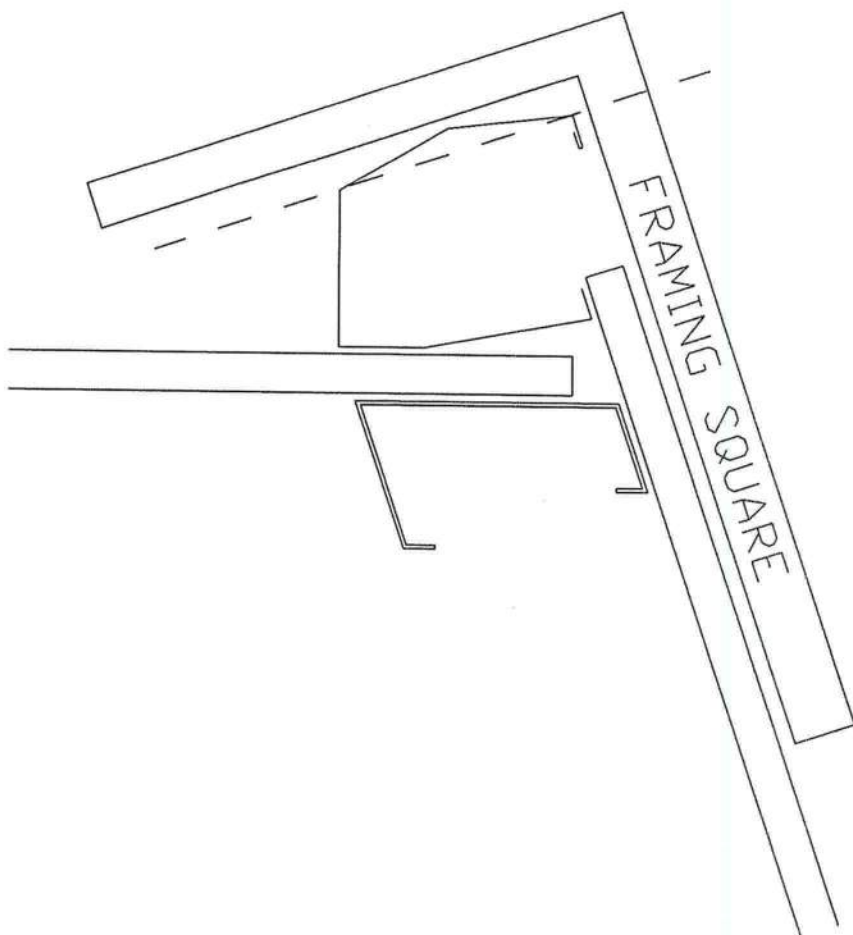
[3] ENDWALL PANEL DETAILS

DRAWING NO.	DRAWN BY:	CHECKED BY:

REVIEWED



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



INSTALL GUTTER WITH
OUTSIDE FACE PERPENDICULAR
TO THE ROOF.

GUTTER INSTALLATION DETAIL

Richard T. Smith

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

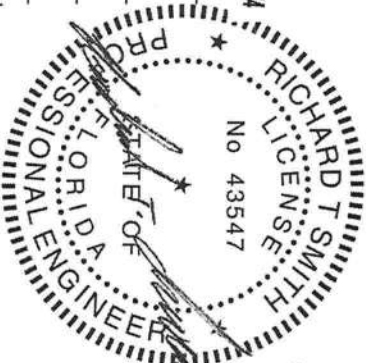
BUCK STEEL, INC.

CUSTOMER:
JOY WATERS

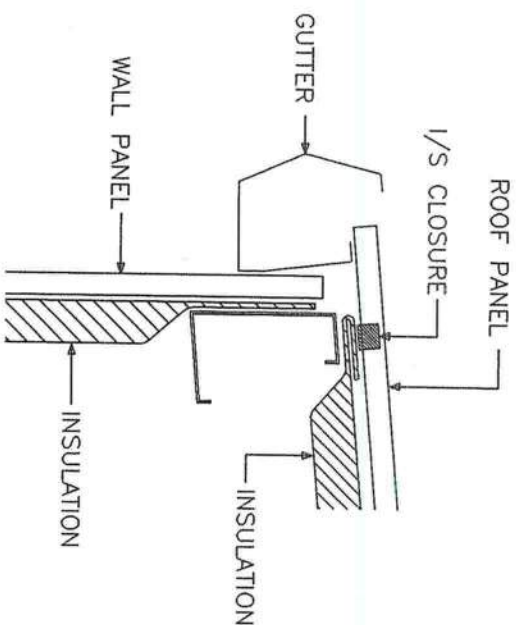
REVISIONS	JOB NO.	DATE
[1]	2103	3/26/12

LOCATION:
FORT WHITE, FL

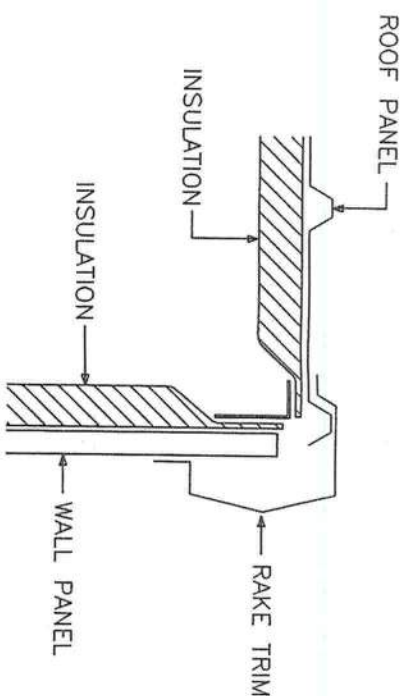
DRAWING NAME	SCALE
[2] GUTTER INSTALLATION DETAIL	NONE
[3] DRAWING NO.	DRAWN BY: CHECKED BY:



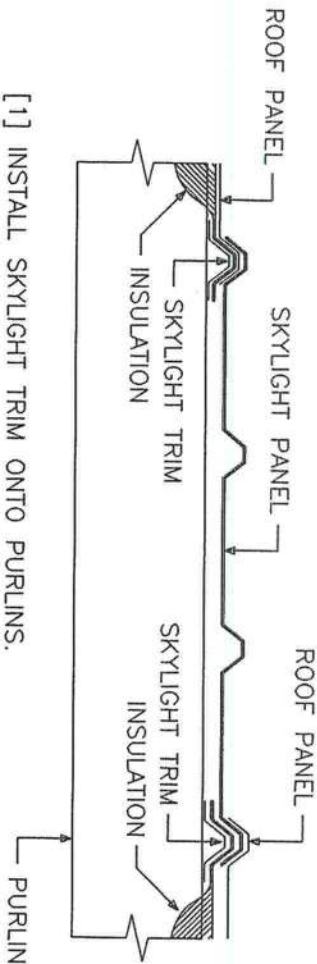
REVIEWED



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

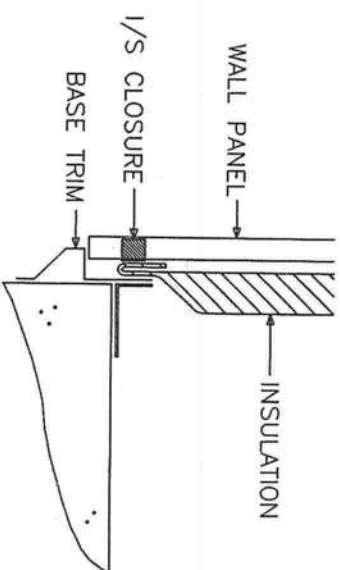


RAKE DETAIL

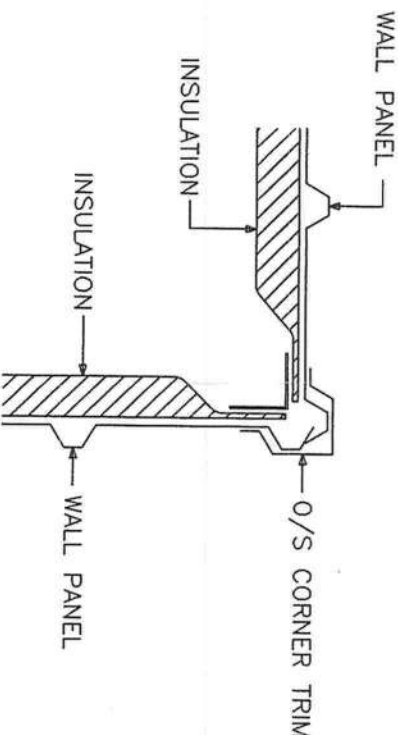


- [1] INSTALL SKYLIGHT TRIM ONTO PURLINS.
- [2] INSTALL INSULATION OVER SKYLIGHT TRIM.
- [3] INSTALL ROOF PANEL AND SKYLIGHT PANEL OVER INSULATION.
- [4] CUT OUT INSULATION FLUSH TO SKYLIGHT TRIM WITH A RAZOR KNIFE.

SKYLIGHT TRIM DETAIL



BASE DETAIL
NOTE: FOLD INSULATION BACK 3" TO 6".



CORNER DETAIL

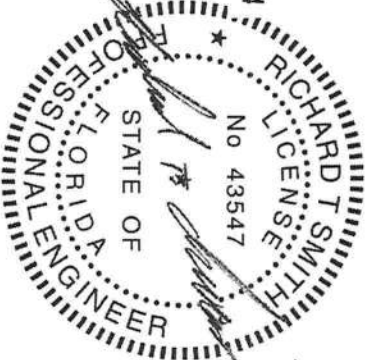
CAUTION: FAILURE TO FOLD FACING OF INSULATION BACK FROM THE PANEL EDGE AT THE BASE AND EAVE COULD RESULT IN PANEL DAMAGE AND WILL VOID THE PANEL WARRANTY.

BUCK STEEL, INC.

CUSTOMER:
JOY WATTERS

JOB NO: 2103
LOCATION: FORT WHITE, FL
DATE: 3/26/12

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



REVISIONS		
[1]		
[2]	DRAWING NAME:	INSULATION DETAILS
[3]	DRAWING NO:	

DRAWN BY: NONE
CHECKED BY:

REVIEWED

By Richard T. Smith, at 4:44 pm, March 20, 2012