

**CERTIFICATE OF
OCCUPANCY**

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 19-4S-17-08558-109

Building permit No. 000031519

Use Classification RENEW 29597

Fire: 0.00

Permit Holder AARON NICKELSON

Waste:

Owner of Building GLOBAL INNOVATIONS,LLC

Total: 0.00

Location: 186 SW RING COURT, LAKE CITY, FL 32025

Date: 11/07/2013

Joy Chen

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



September 9, 2013

Columbia County
Building & Zoning Department
135 NE Hernando Avenue
Lake City, FL 32055

RE: **Global Innovations, LLC. – Permit #000029598, 29597, & 29849**
Location: 186 SW Ring Court, Lake City, FL

Dear Permitting Department:

As we are currently ready to complete our offices within the above location, we noted that the above mentioned permit has expired.

We only need to complete very few minor details and would hope that we could get this permit re-instated in order of obtaining our certificate of occupancy. The items remaining for completion are as follows:

Miscellaneous Interior Punch-Out Trim Work

Interior Painting

Thank you,



Aaron Nickelson, President
Aaron Marc, LLC

AN/mm

DATE 10/15/2013

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000031519

APPLICANT AARON NICKLESON PHONE 386-867-3534
ADDRESS 496 SW RING COURT LAKE CITY FL 32025
OWNER GLOBAL INNOVATIONS,LLC PHONE 386.752.4502
ADDRESS 186 SW RING COURT LAKE CITY FL 32025
CONTRACTOR AARON NICKELSON PHONE 386.487.1240
LOCATION OF PROPERTY 47-S TO RING COURT, FIRST PROPRTY ON L.

TYPE DEVELOPMENT RENEW 29597 ESTIMATED COST OF CONSTRUCTION 0.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING ILW MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 1 FLOOD ZONE FL X DEVELOPMENT PERMIT NO.

PARCEL ID 19-4S-17-08558-109 SUBDIVISION CANNON CREEK CENTER

LOT 9 BLOCK PHASE UNIT TOTAL ACRES

CBC1258040

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 11-0290 BK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: RENEWAL PERMIT FOR # 29597 WAREHOUSE BUILDING #1, ONLY FINAL

INSPECTION REMAINS

Check # or Cash 2849

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Insulation date/app. by
Rough-in plumbing above slab and below wood floor date/app. by Electrical rough-in date/app. by
Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 0.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00

MISC. FEES \$ 137.50 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$

FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 137.50

INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

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 WALKDOORS	10028.1
10'-0" X 10'-0" OVERHEAD DOOR	12152.1
16'-0" X 14'-0" OVERHEAD DOOR	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 ERROR CORRECTION UNLESS APPROVED IN WRITING BY MBM BEFOREHAND.

COLORS:

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



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

REVISIONS

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

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

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

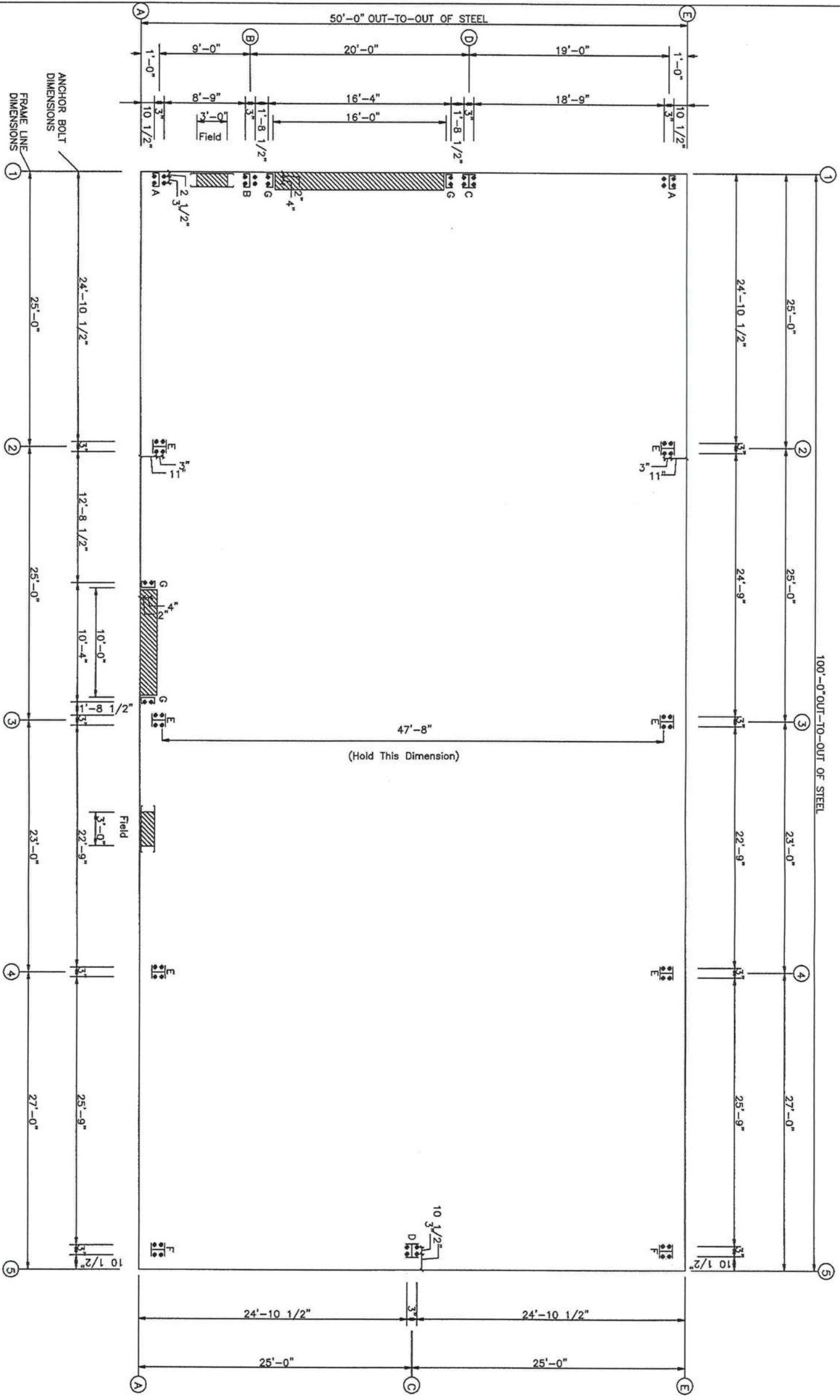
JOB NO: 1480-BLDG#1

DATE: 6/1/11

BY: JDH SCALE: NON

TITLE: COVER PAGE

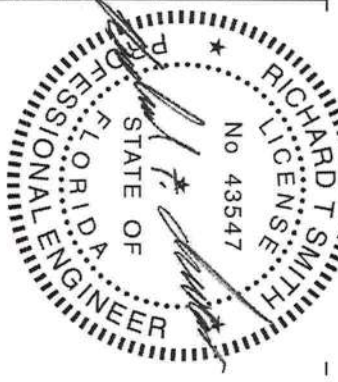
⊕ Dia= 5/8"
⊗ Dia= 3/4"



FIELD LOCATE:
(2) 3070 WALK DOORS

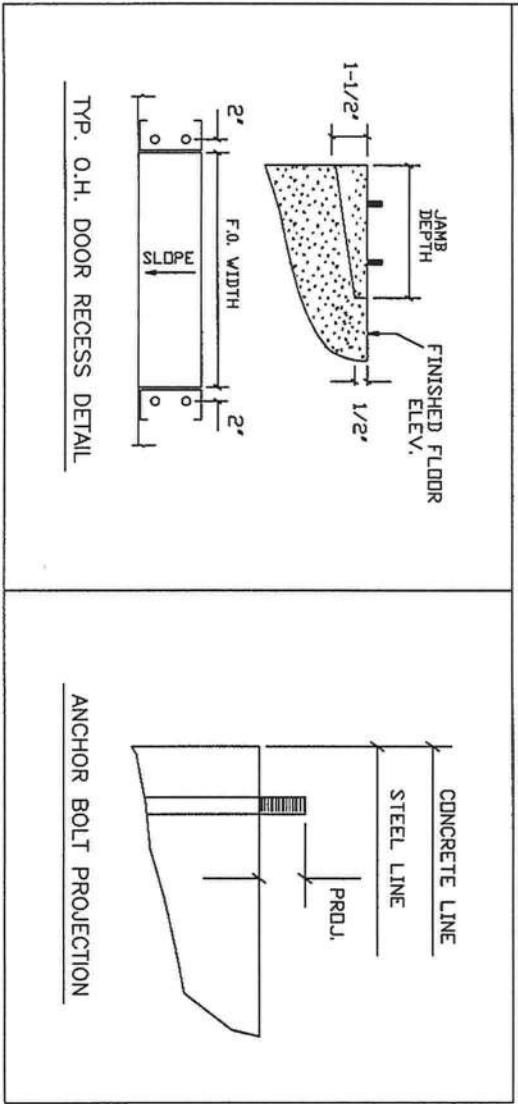
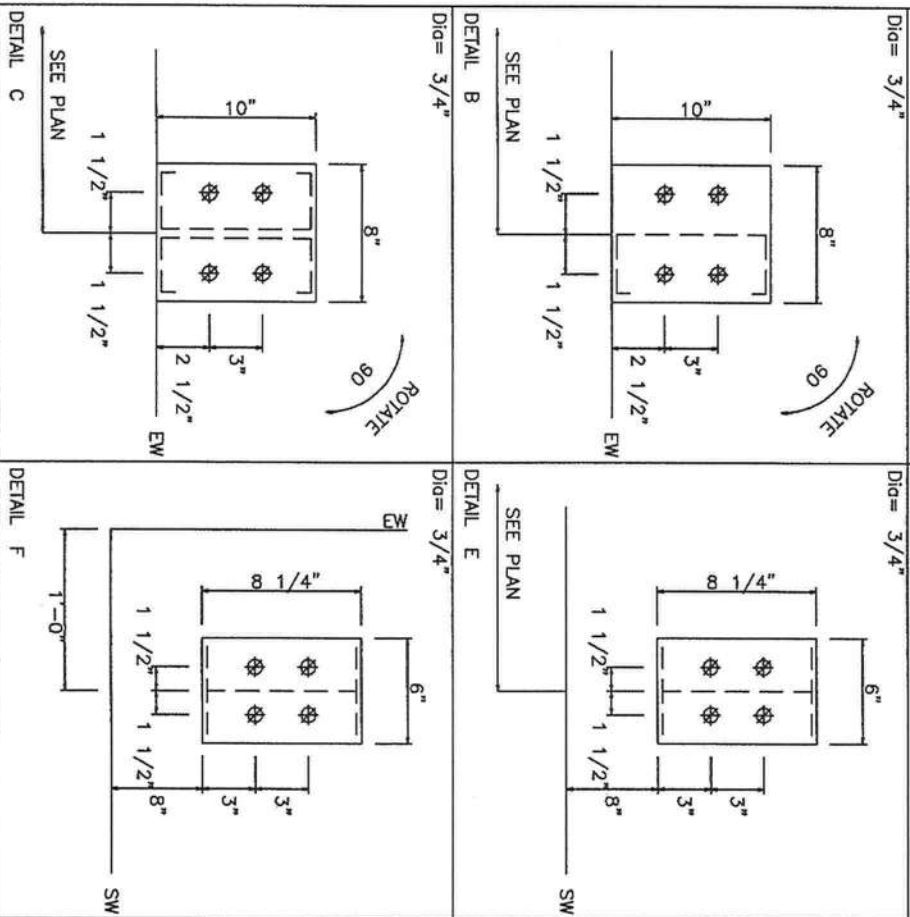
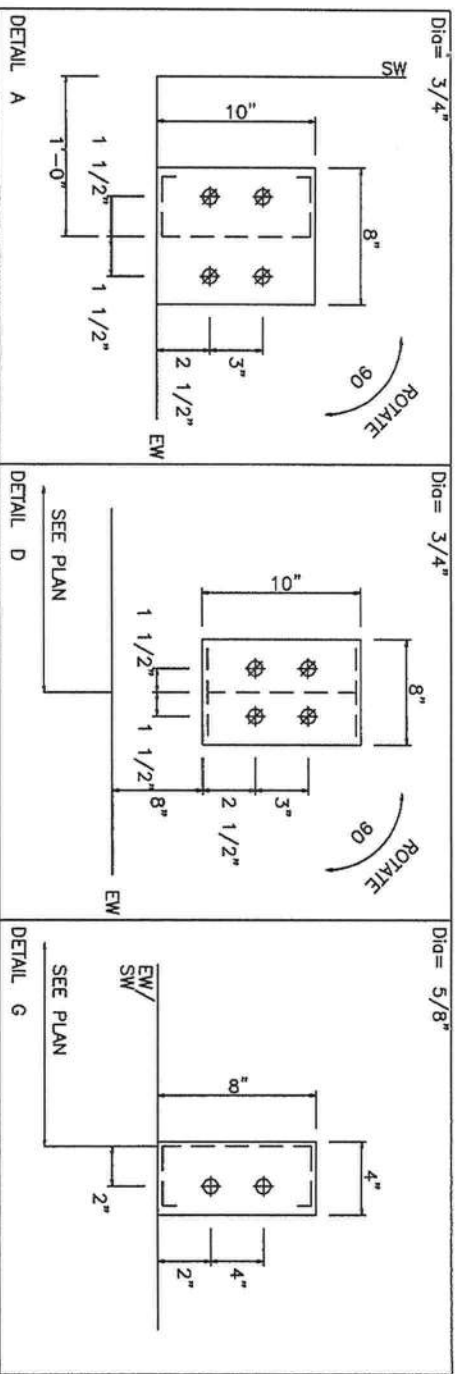
ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (Unless Noted)

BUCK STEEL, INC.	
CUSTOMER:	Aaron Nickelson/Global Innovation, LLC.
JOB NO:	1480_BLDG#1
LOCATION:	LAKE CITY, FL
DRAWING NAME:	ANCHOR BOLT LAYOUT
DRAWING NO:	PAGE 1
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 Ph: (706) 888-4874

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



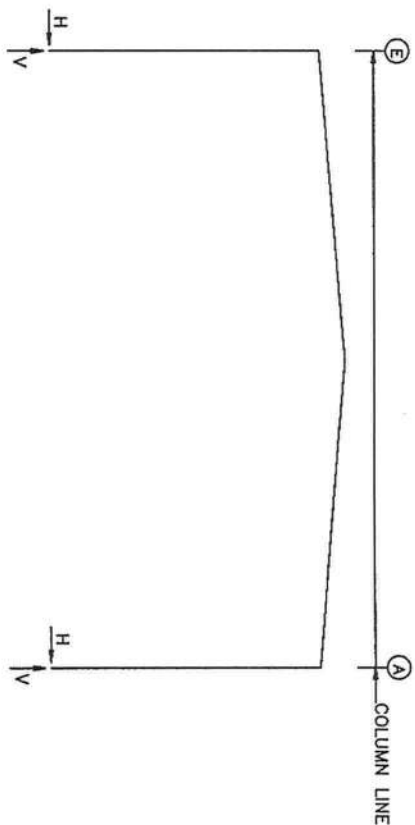
BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation, LLC.			
JOB NO.: 1480_BLDG#1			
LOCATION: LAKE CITY, FL			
DRAWING NAME: ANCHOR BOLT DETAILS			
DRAWING NO.: PAGE 1.1			
DATE: 6/1/11			
SCALE: NONE			
CHECKED BY: BHM			
DRAWN BY: JDH			

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

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

FRAME LINES: 2 3 4 5



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

Column Reactions (k)									
Frame Line	Col Line	Load Id	Hmax	V	Load Id	Hmin	Vmin	Anc. Bolt No	Base Plate (in)
2 * E	1	3	3.5	4.3	4	-0.1	-11.4	4	0.750
2 * A	5	3	4.9	9.7	2	-3.5	4.3	4	0.750
2 * A	1	3	-3.3	9.7	7	0.1	-11.3	4	0.750

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

Column Reactions (k)									
Frame Line	Col Line	Load Id	Hmax	V	Load Id	Hmin	Vmin	Anc. Bolt No	Base Plate (in)
5 E	3	2.0	2.7	4	-2.7	-2.2	-4.5	4	0.750
5 A	1	1.9	5.7	6	0.0	-4.5	2.7	4	0.750
5 A	5	2.7	-2.2	2	-2.0	2.7	-4.5	4	0.750

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frame Line	Col Line	Load Id	Hmax	V	Load Id	Hmin	Vmin	Anc. Bolt No	Base Plate (in)
1 E	1	0.1	2.0	4	-1.8	-1.0	-1.8	4	0.750
1 D	5	0.9	5.8	6	-4.4	-3.3	-3.6	4	0.750
1 B	3	0.6	0.1	4.1	-1.9	-1.9	-1.9	4	0.750
1 A	1	0.2	0.0	0.7	-0.4	-0.5	-0.5	4	0.750

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

Frame Line	Col Line	Load Id	Hmax	V	Load Id	Hmin	Vmin	Anc. Bolt No	Base Plate (in)
1 E	1	0.0	-1.6	10	0.0	-1.6	4	0.750	8.000
1 D	5	3.1	6.9	11	-3.9	-3.9	4	0.750	8.000
1 B	3	2.2	11	10	-3.2	-3.2	4	0.750	8.000
1 A	1	0.0	0.0	0.0	0.0	0.0	4	0.750	8.000

ANCHOR BOLT SUMMARY

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

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Col Line	Load Id	Hmax	V	Load Id	Hmin	Vmin	Anc. Bolt No	Base Plate (in)
2 * E	1	0.6	1.9	0.1	0.3	-2.6	7.5	4	0.750
2 * A	5	0.6	1.9	0.1	0.3	-2.6	7.5	4	0.750
2 * A	1	0.6	1.9	0.1	0.3	-2.6	7.5	4	0.750

NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- 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
Exposure	= B
Closed/Open/Partial	= C
Importance Wind	= 1.00
Seismic Design Category	= B
Seismic Coeff (F _{0.5})	= 0.19

5. Loading conditions are:

- DL+CL+LL
- DL+CL+0.75LL+0.75WL1
- DL+CL+0.75LL+0.75WL1
- 0.60DL+WL2
- 0.60DL+WL2
- 0.60DL+LWIND1+LWIND1-L2E
- 0.60DL+LWIND1+LWIND1-R2E
- 0.60DL+LWIND1+LWIND1-L2E
- 0.60DL+LWIND1+LWIND1-R2E
- 1.02DL+1.02CL+0.70Seisl
- 0.60DL+WL2+WS
- 0.60DL+WP+LWIND1
- 0.60DL+WR2+WS
- 0.60DL+WP+LWIND2
- 0.60DL+WP+LWIND2

BRACING REACTIONS, PANEL SHEAR

Loc	Line	Col	± Reactions (k)	Panel Shear (lb/ft)
EW	1	1	3.6	2.9
EW	2	2	3.6	2.9
EW	3	3	3.6	2.9
EW	4	4	3.6	2.9
EW	5	5	3.6	2.9
EW	6	6	3.6	2.9
EW	7	7	3.6	2.9
EW	8	8	3.6	2.9
EW	9	9	3.6	2.9
EW	10	10	3.6	2.9
EW	11	11	3.6	2.9
EW	12	12	3.6	2.9
EW	13	13	3.6	2.9
EW	14	14	3.6	2.9
EW	15	15	3.6	2.9
EW	16	16	3.6	2.9
EW	17	17	3.6	2.9
EW	18	18	3.6	2.9
EW	19	19	3.6	2.9
EW	20	20	3.6	2.9
EW	21	21	3.6	2.9
EW	22	22	3.6	2.9
EW	23	23	3.6	2.9
EW	24	24	3.6	2.9
EW	25	25	3.6	2.9
EW	26	26	3.6	2.9
EW	27	27	3.6	2.9
EW	28	28	3.6	2.9
EW	29	29	3.6	2.9
EW	30	30	3.6	2.9
EW	31	31	3.6	2.9
EW	32	32	3.6	2.9
EW	33	33	3.6	2.9
EW	34	34	3.6	2.9
EW	35	35	3.6	2.9
EW	36	36	3.6	2.9
EW	37	37	3.6	2.9
EW	38	38	3.6	2.9
EW	39	39	3.6	2.9
EW	40	40	3.6	2.9
EW	41	41	3.6	2.9
EW	42	42	3.6	2.9
EW	43	43	3.6	2.9
EW	44	44	3.6	2.9
EW	45	45	3.6	2.9
EW	46	46	3.6	2.9
EW	47	47	3.6	2.9
EW	48	48	3.6	2.9
EW	49	49	3.6	2.9
EW	50	50	3.6	2.9
EW	51	51	3.6	2.9
EW	52	52	3.6	2.9
EW	53	53	3.6	2.9
EW	54	54	3.6	2.9
EW	55	55	3.6	2.9
EW	56	56	3.6	2.9
EW	57	57	3.6	2.9
EW	58	58	3.6	2.9
EW	59	59	3.6	2.9
EW	60	60	3.6	2.9
EW	61	61	3.6	2.9
EW	62	62	3.6	2.9

BUCK STEEL, INC.

Customer: Aaron Nickelson/Global Innovation, LLC.

Job No: 1480-BLDG#1

Location: LAKE CITY, FL

Drawing Name: ANCHOR BOLT REACTIONS

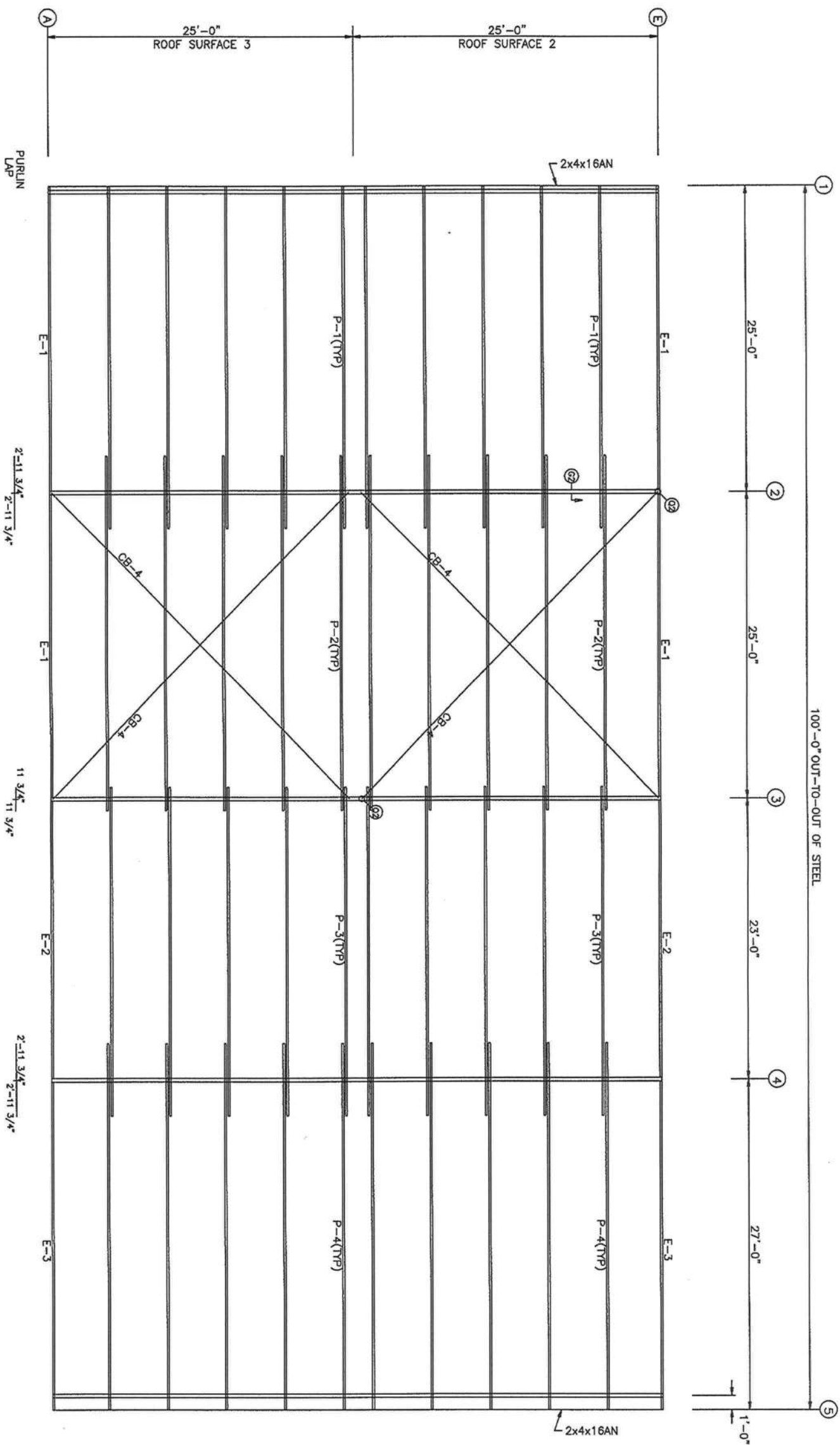
Page: 1.2

Richard T. Smith
PE # 43547
102 Main Street, Suite 212
Lagrange, Georgia 30240-8874
By Richard T. Smith at 3:21 pm, Jun 08, 2011

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

PROFESSIONAL ENGINEER
No. 43547
STATE OF FLORIDA

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:	
Aron 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
CHECKED BY:	BHM
SCALE:	
NONE	

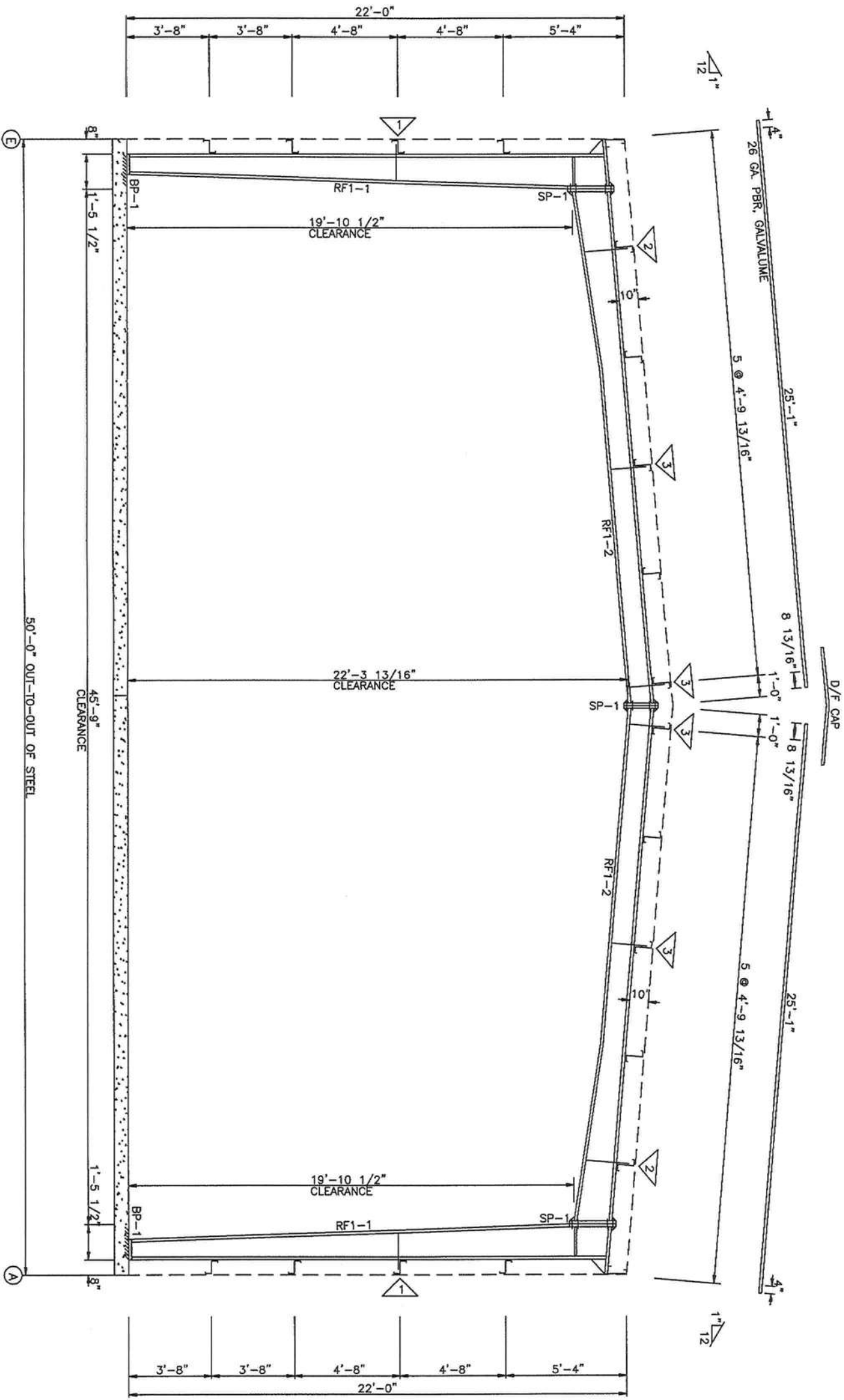
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874



REVIEWED

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

SPLICE BOLTS		QUAN		BOLT		TYPE		DIA		Length	
SP-1	4	4	0	A325	5/8"	2"					
FLANGE BRACE TABLE											
FLANGE LINE	2	3	4								
BASE PLATES											
COL	PLATE SIZE										
MARK	Width	Thick	Length								
BP-1	6"	3/8"	8 1/4"								



RIGID FRAME ELEVATION
FOR FRAME LINE 2 3 4

MEMBER SIZE TABLE		WEB DEPTH		WEB PLATE		OUTSIDE FLANGE		INSIDE FLANGE	
MARK	START/END	THICK	LENGTH	W	T	W	T	W	T
RF1-1	7/8/9.8	0.134	4'-5 1/8"	5	1/4"	5	1/4"	5	1/4"
	3/8/17.0	0.134	15'-1 1/4"	5	1/4"	5	1/4"	5	1/4"
	17/0/10.5	0.134	8'-0"	5	1/4"	5	1/4"	5	1/4"
RF1-2	10/5/10.5	0.134	15'-0"	5	1/4"	5	1/4"	5	1/4"

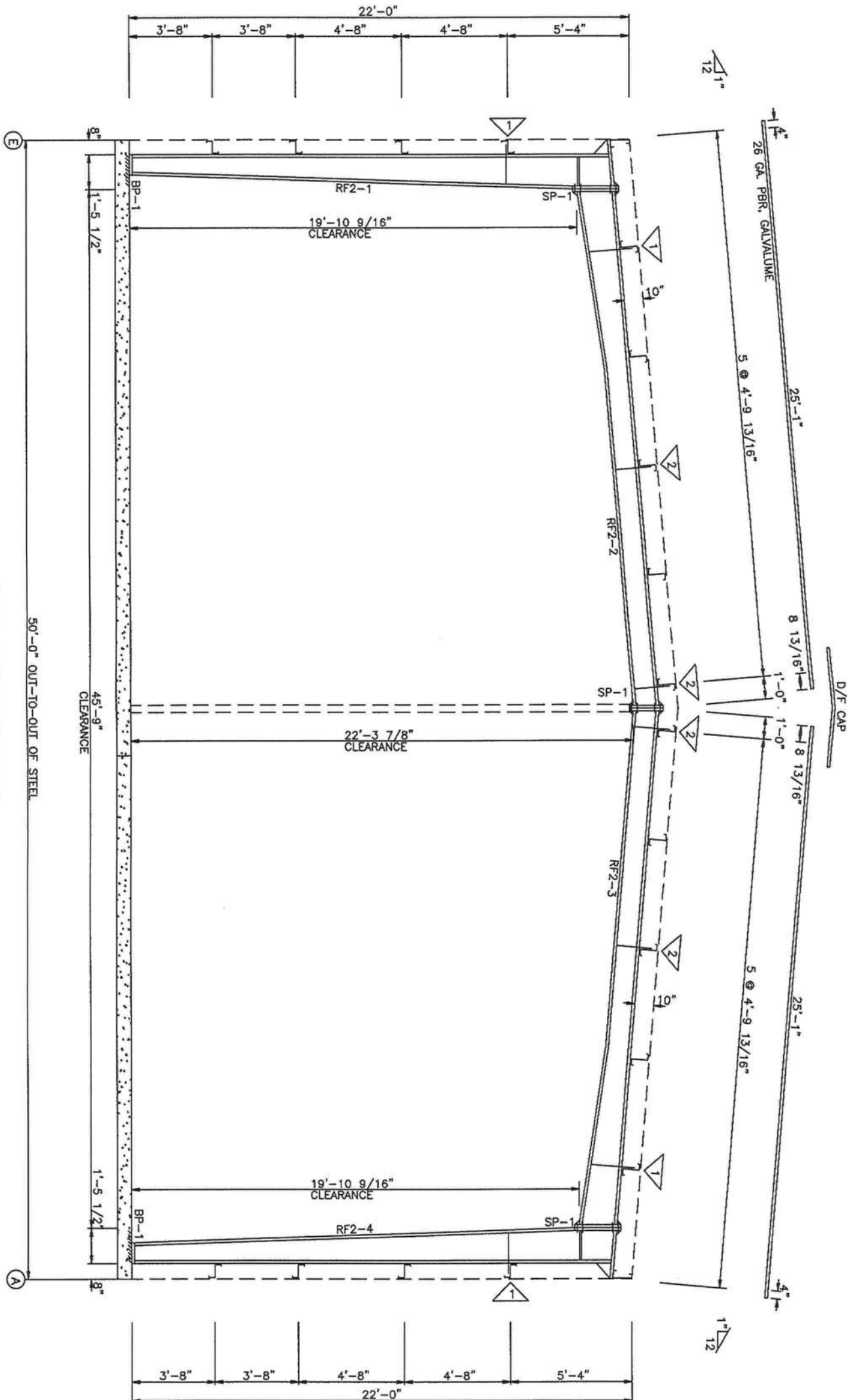
REVISIONS		CUSTOMER:		BUCK STEEL, INC.	
[1]		JOB NO:	1480_BLDG#1	DATE:	6/ 1/11
[2]		LOCATION:	LAKE CITY, FL		
[3]		DRAWING NAME:	RIGID FRAME CROSS SECTION	SCALE:	NONE
		DRAWING NO:	PAGE 2.1	DRAWN BY:	JDH
				CHECKED BY:	BHM



Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 880-4874

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

SPICE BOLTS		QUAN		BOLT	
MARK	Top/Bottom	Type	DIA	Length	
SP-1	4	0	A325	5/8"	2"
FLANGE BRACE TABLE		FRAME LINE		MARK	
FLANGE LINE	5	MARK	LENGTH		
1	1	FB3	2'-6 1/2"		
2	1	FB1	2'-4 1/2"		
BASE PLATES		PLATE SIZE			
COL	MARK	Width	Thick	Length	
BP-1	1	6"	3/8"	8 1/4"	



MEMBER SIZE TABLE		OUTSIDE FLANGE		INSIDE FLANGE	
MARK	WEB DEPTH	WEB PLATE	W x T x LENGTH	W x T x LENGTH	W x T x LENGTH
RF2-1	78/99	0.134	4'-5 3/16"	5 x 1/4" x 20'-0"	5 x 1/4" x 19'-6 3/8"
RF2-2	99/170	0.134	15'-1 1/4"	5 x 1/4" x 20'-0"	5 x 1/4" x 19'-6 3/8"
RF2-3	170/170	0.134	15'-1 1/4"	5 x 1/4" x 20'-0"	5 x 1/4" x 19'-6 3/8"
RF2-4	170/170	0.134	15'-1 1/4"	5 x 1/4" x 20'-0"	5 x 1/4" x 19'-6 3/8"

RIGID FRAME ELEVATION
FOR FRAME LINE 5

BUCK STEEL, INC.

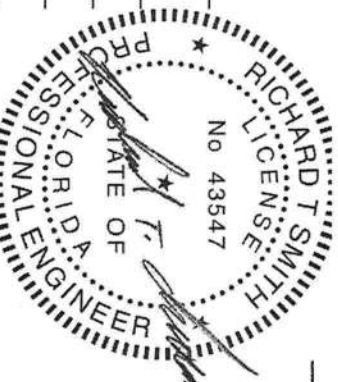
CUSTOMER:
Aaron Nickelson/Global Innovation, LLC.

JOB NO:
1480_BLDG#1

LOCATION:
LAKE CITY, FL

DRAWING NAME:
RIGID FRAME CROSS SECTION

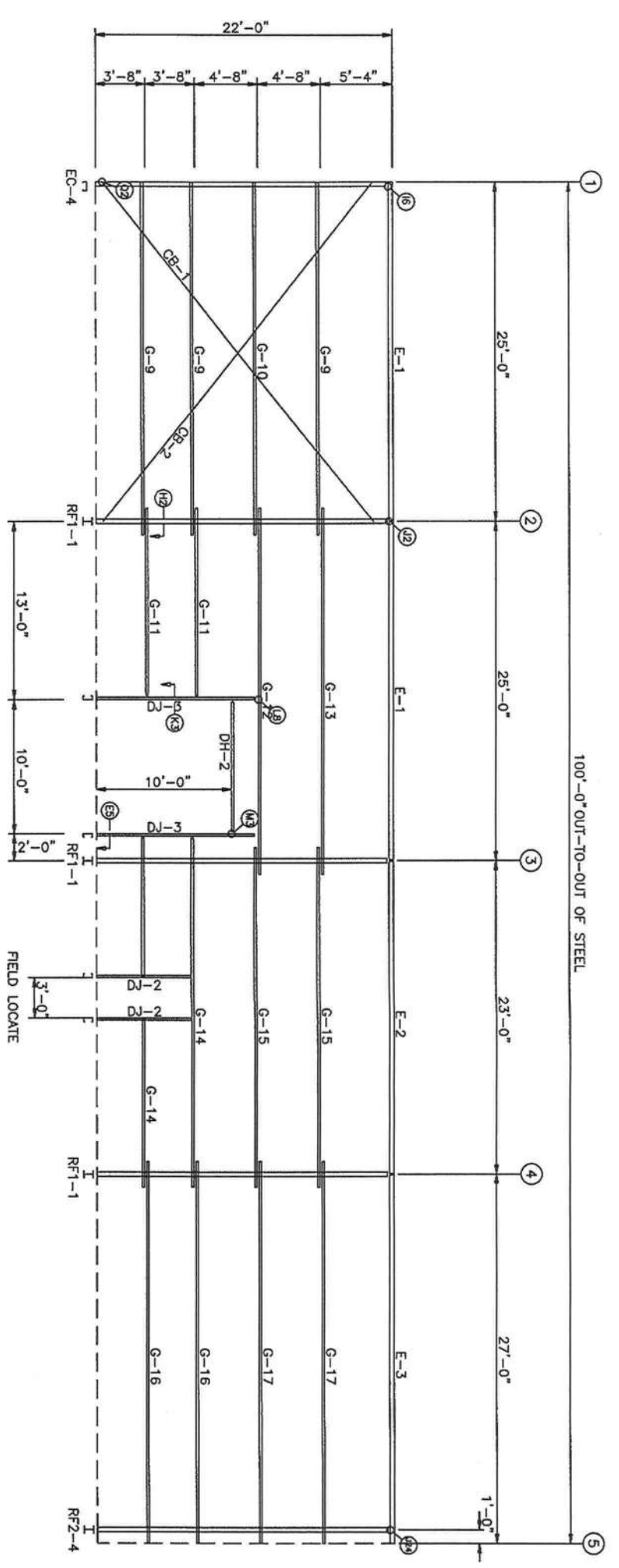
DRAWING NO:
PAGE 2.2



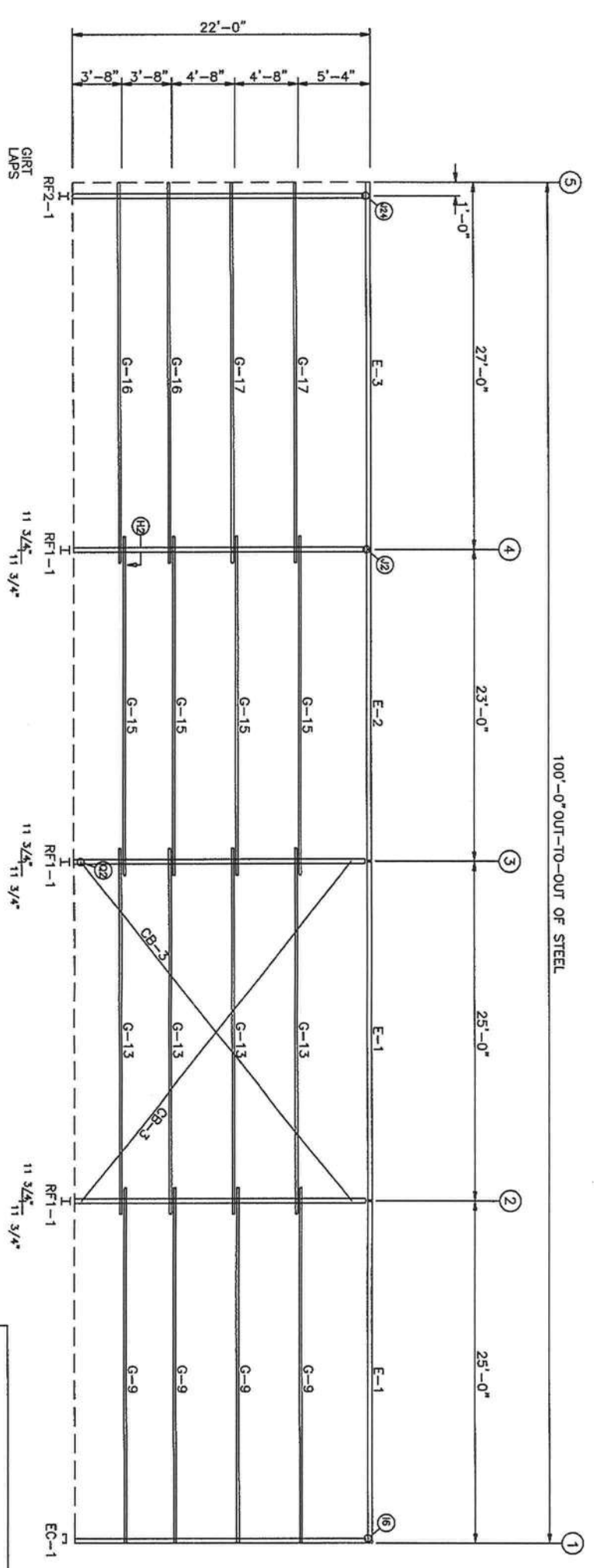
Richard T. Smith
PE # 43547
102 Main Street, Ste 212
Lagrange, Georgia Pk. (706) 888-4874

REVIEWED
By Richard T. Smith at 3:24 pm, Jun 08, 2017

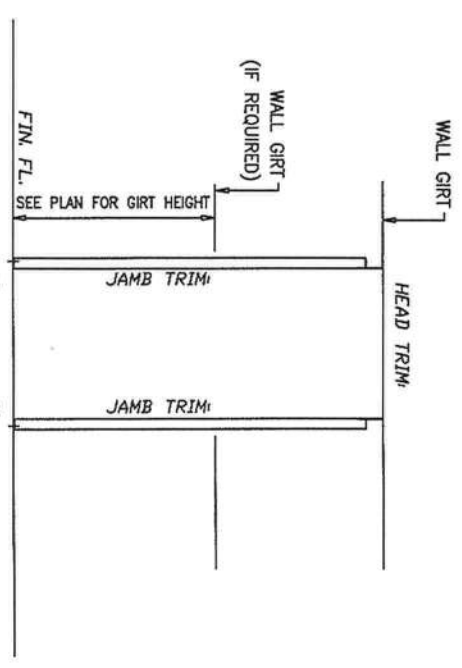
MEMBER TABLE		
MARK	PART	LENGTH
DJ-2	8x25C16	7'-4"
DJ-3	8x35C16	12'-0"
DH-2	8x35C16	10'-0"
E-1	10ES14@1	24'-11 1/2"
E-2	10ES14@1	22'-11 1/2"
E-3	10ES14@1	26'-11 1/2"
G-9	8x25Z16	25'-11 1/2"
G-10	8x25Z16	25'-11 1/2"
G-11	8x25Z16	13'-7 1/2"
G-12	8x25Z14	26'-11 1/2"
G-13	8x25Z16	26'-11 1/2"
G-14	8x25Z16	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"



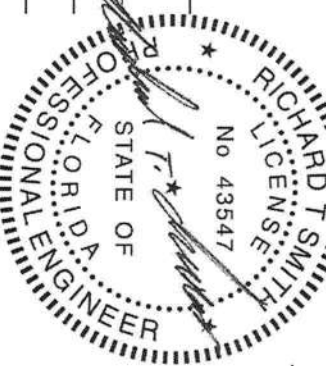
SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE E



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)



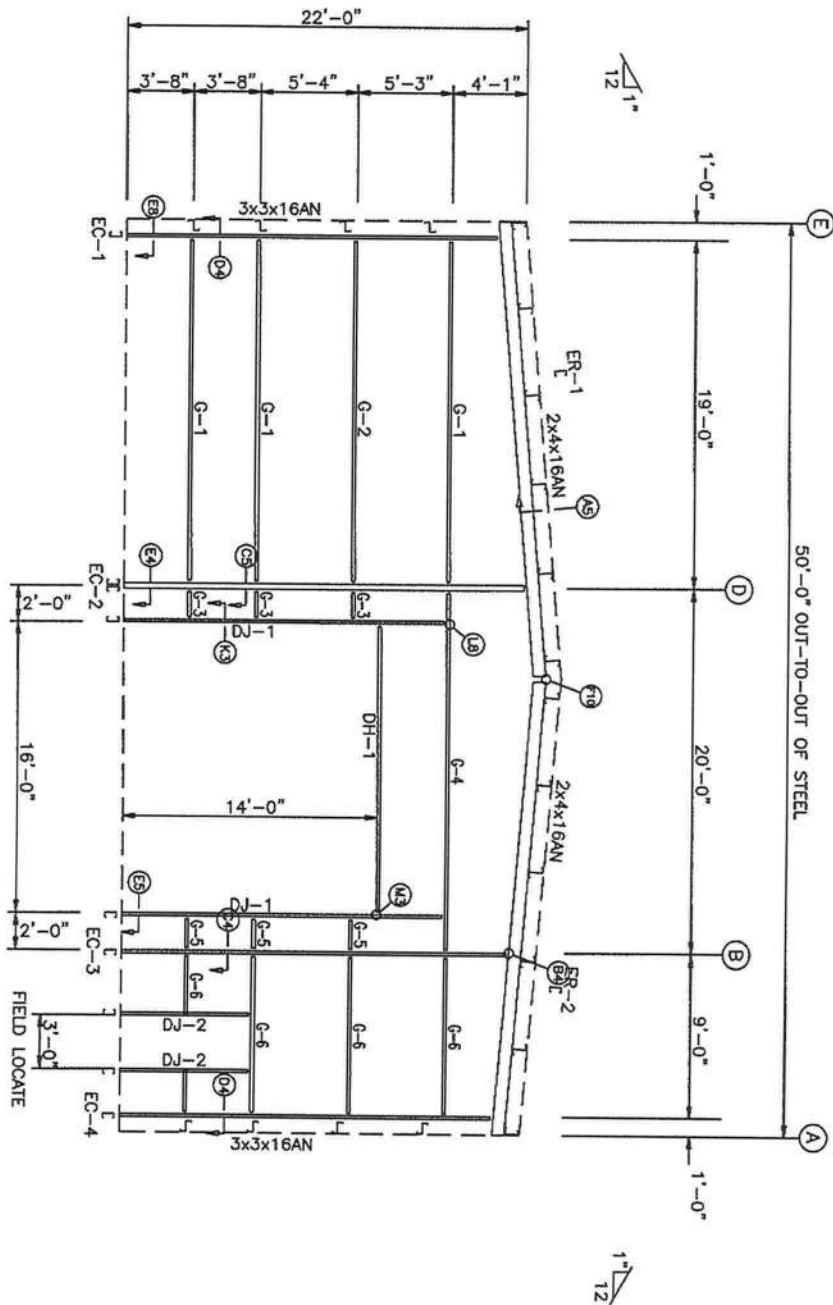
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

BUCK STEEL, INC.	
CUSTOMER:	Aaron Nickelson/Global Innovation, LLC.
JOB NO:	1480_BLDG#1
DATE:	6/ 1/11
LOCATION:	LAKE CITY, FL
DRAWING NAME:	SIDEWALL FRAMING LAYOUT
DRAWN BY:	JDH
CHECKED BY:	BHM
SCALE:	NONE
REVIEWED By Richard T. Smith at 3:21 pm, Jun 08, 2011	

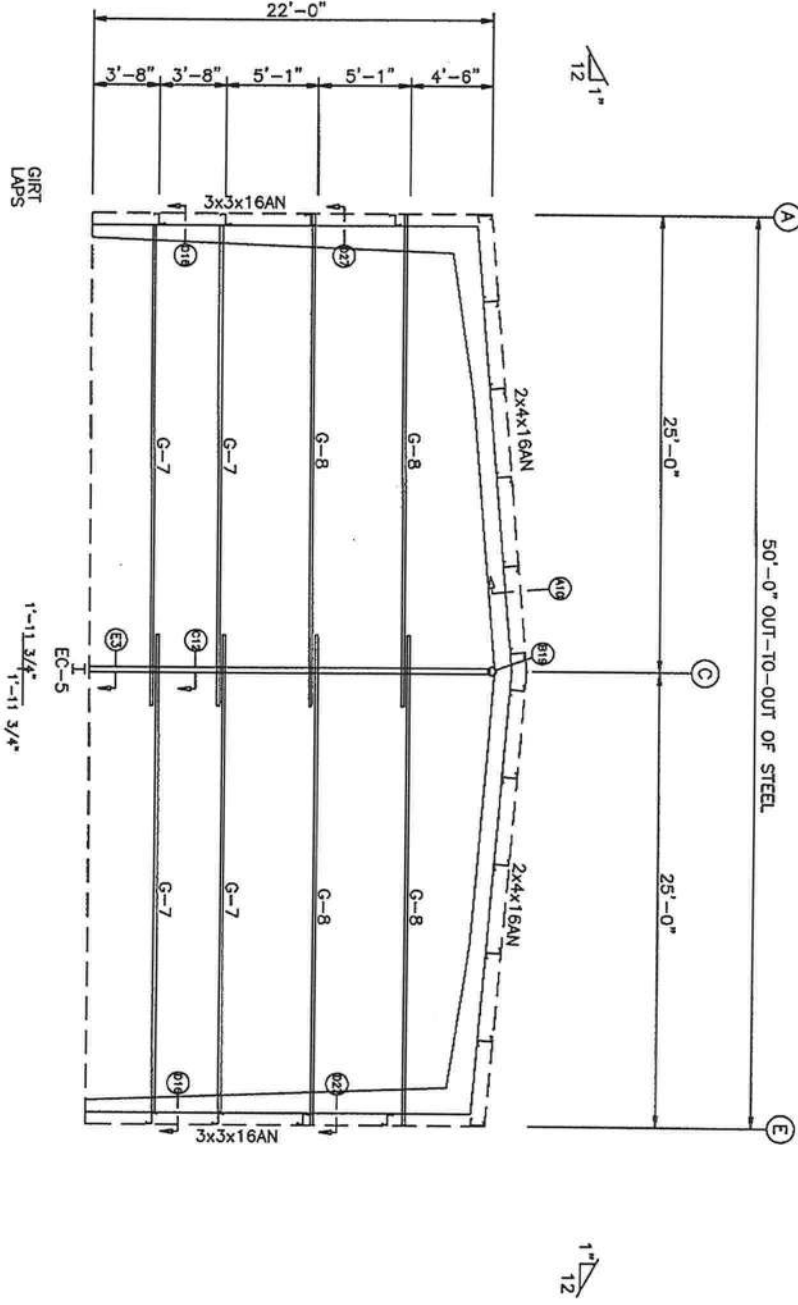
REVISIONS
[1]
[2]
[3]

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

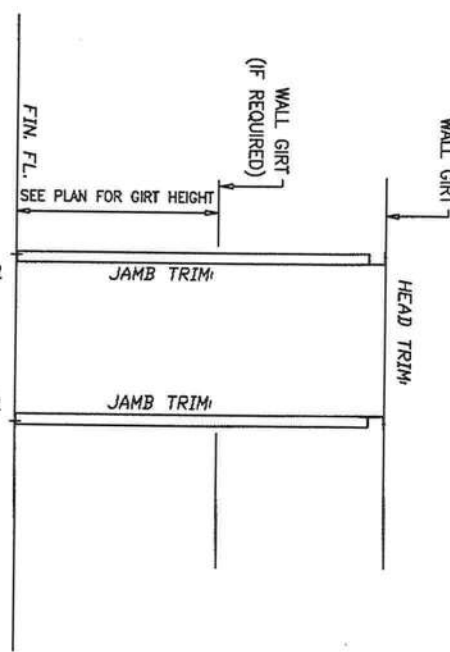
MEMBER TABLE			
MARK	PART	LENGTH	
EC-1	10X35C14	19'-11 15/16"	
EC-2	10X7DC12	21'-6 15/16"	
EC-3	10X35C12	20'-8 15/16"	
EC-4	10X35C14	19'-11 15/16"	
EC-5	B10X12.9	21'-8 15/16"	
ER-1	12X35C12	25'-0 13/16"	
ER-2	12X35C12	25'-0 13/16"	
DJ-1	8X35C14	17'-4 1/2"	
DJ-2	8X25C16	16'-0"	
DH-1	8X35C16	18'-7 1/2"	
G-1	8X25Z16	18'-7 1/2"	
G-2	8X25Z14	18'-7 1/2"	
G-3	8X25Z16	19'-3 1/2"	
G-4	8X25Z12	19'-7 1/2"	
G-5	8X25Z16	1'-7 1/2"	
G-6	8X25Z16	8'-7 1/2"	
G-7	8X25Z16	26'-3 1/2"	
G-8	8X25Z16	26'-11 1/2"	



ENDWALL FRAMING: FRAME LINE 1



ENDWALL FRAMING: FRAME LINE 5



FIELD LOCATED 3070 F.O.

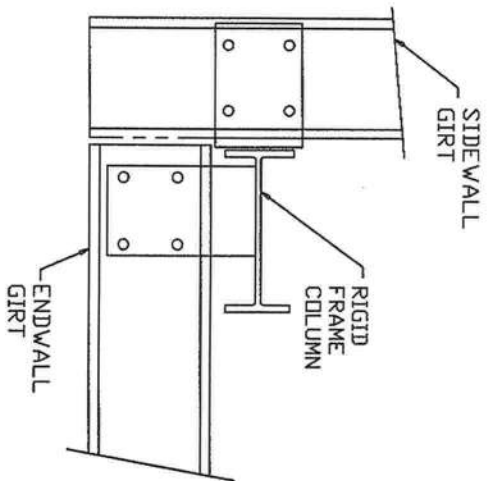
1. FIELD CUT AND WORK GIRTS, PANELS, AND TRIM AS REQUIRED.
2. REFER TO DETAIL PAGES FOR APPLICABLE TRIM DETAILS (SEE DETAIL PAGE S1)



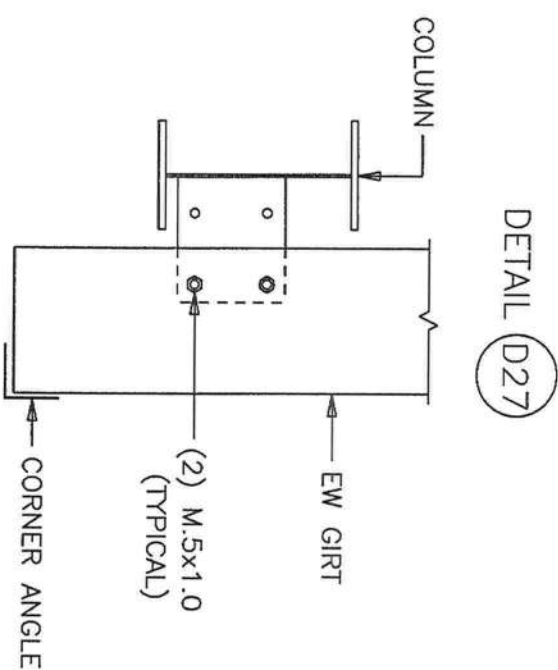
Richard T. Smith
PE # 43347
102 Main Street, Ste#212
Lagrange, Georgia, Ph: (706) 888-4874

BUCK STEEL, INC.	
CUSTOMER:	Aaron Nickelson/Global Innovation, LLC.
JOB NO.:	1480-BLDG#1
LOCATION:	LAKE CITY, FL
DRAWING NAME:	ENDWALL FRAMING LAYOUT
DRAWING NO.:	PAGE 4
DRAWN BY:	JDH
CHECKED BY:	BHM
SCALE:	NONE
DATE:	6/1/11

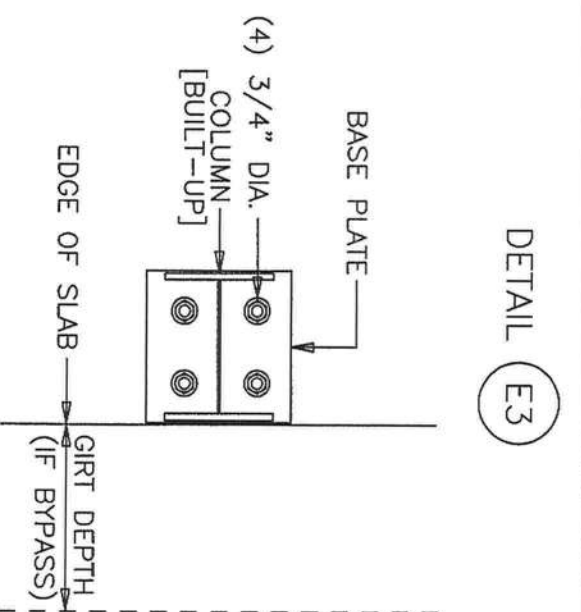
REVIEWED
By Richard T Smith at 3:21 pm, Jun 06, 2011



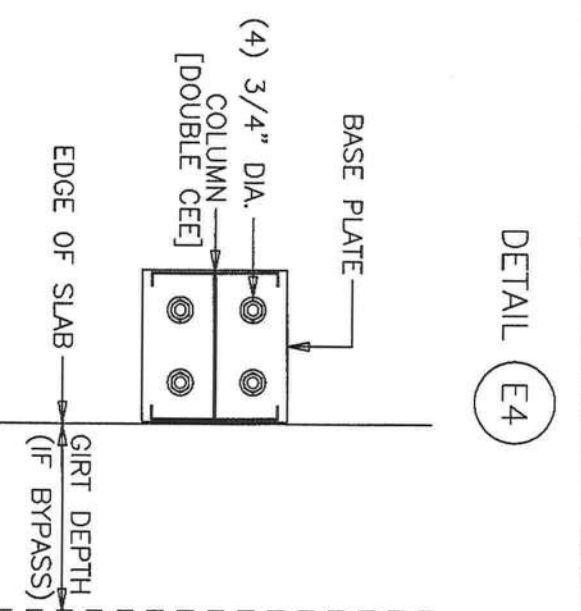
D16 CORNER COLUMN TO WALL GIRTS



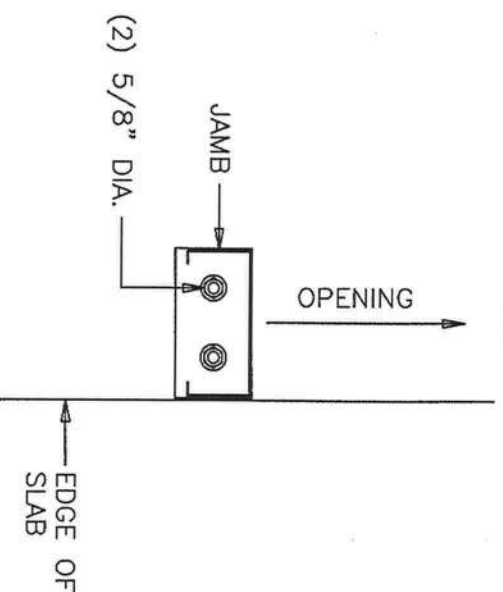
GIRTS TO CORNER COLUMN



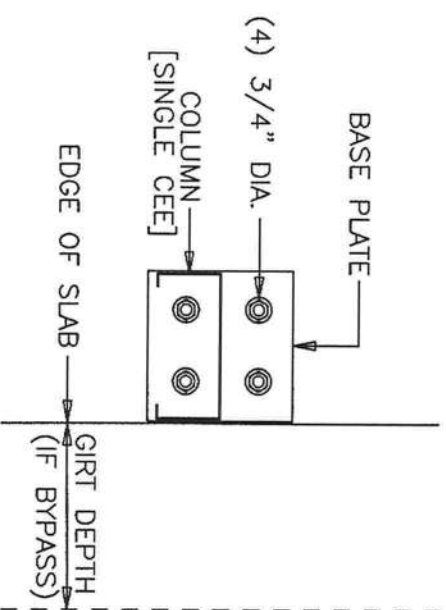
ENDWALL COLUMN BASE DETAIL



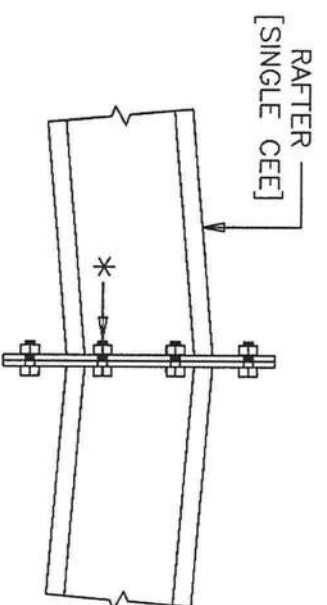
ENDWALL COLUMN BASE DETAIL



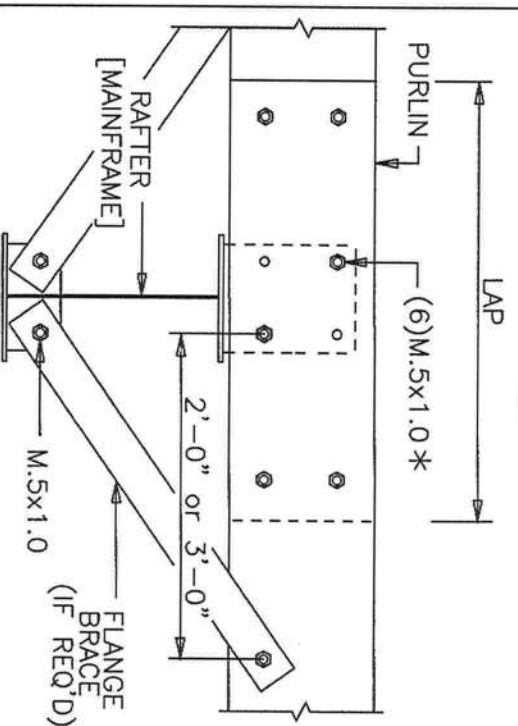
FRAMED OPENING JAMB BASE DETAIL



ENDWALL COLUMN BASE DETAIL



RAFTER DETAIL AT RIDGE



DETAIL G2

* UNLESS NOTED ON DRAWING 2.
PURLIN TO MAINFRAME RAFTER

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

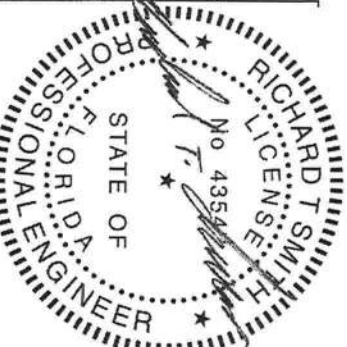
LOCATION: LAKE CITY, FL

DRAWING NAME: FRAMING DETAILS

DRAWING NO: PAGE 5.1

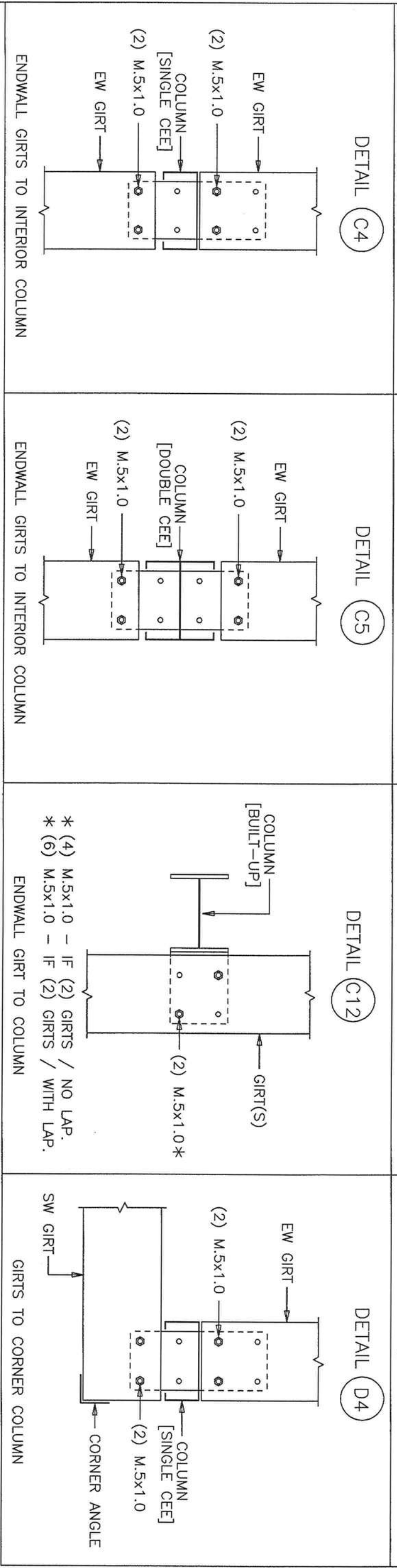
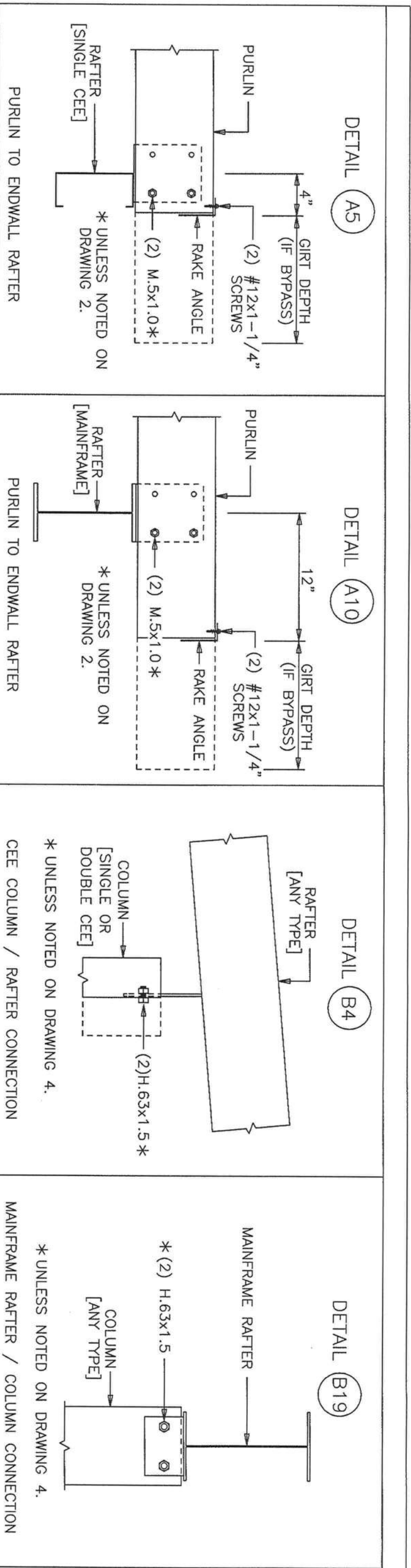
DRAWN BY: JDH

CHECKED BY: BHM



REVIEWED

By Richard T Smith at 3:21 pm, Jun 08, 20



Richard T. Smith
 PE # 43547
 102 Main Street Ste#112
 Lagrange, Georgia Pk. (706) 889-4874

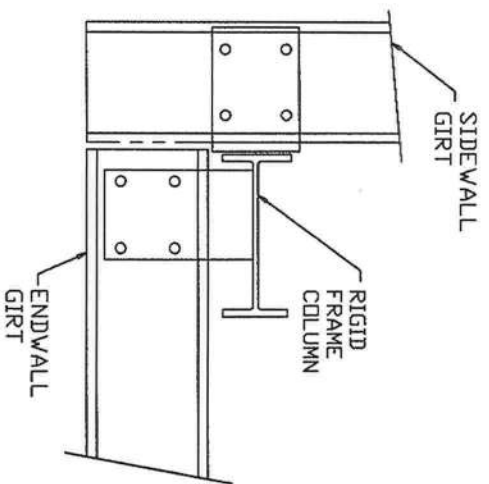
BUCK STEEL, INC.
 CUSTOMER: Aaron Nickelson/Global Innovation, LLC.
 JOB NO: 1480_BLDG#1
 LOCATION: LAKE CITY, FL
 DATE: 6 / 1 / 11

REVISIONS

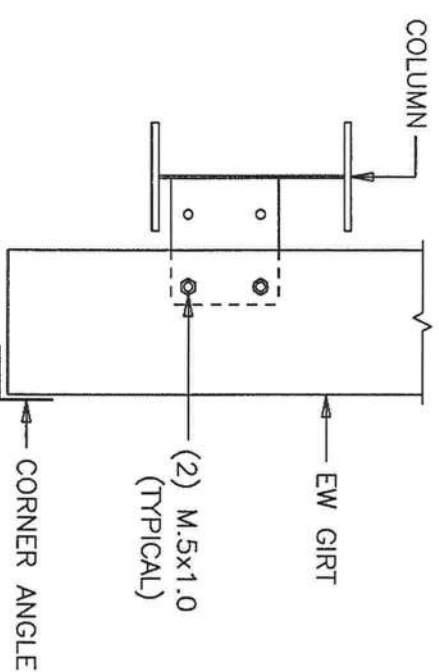
NO.	DESCRIPTION	DATE
[1]	LAKE CITY, FL	6 / 1 / 11
[2]	FRAMING DETAILS	
[3]	PAGE 5	

SCALE: NONE
CHECKED BY: BHM
DRAWN BY: JDH

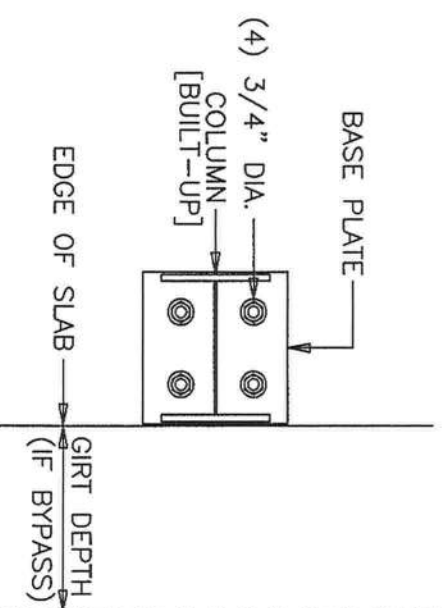
REVIEWED
 By Richard T. Smith at 3:21 pm, Jun 08, 2011



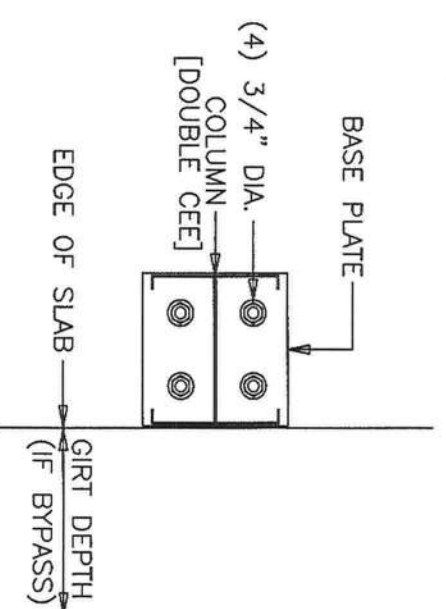
D16 CORNER COLUMN TO WALL GIRTS



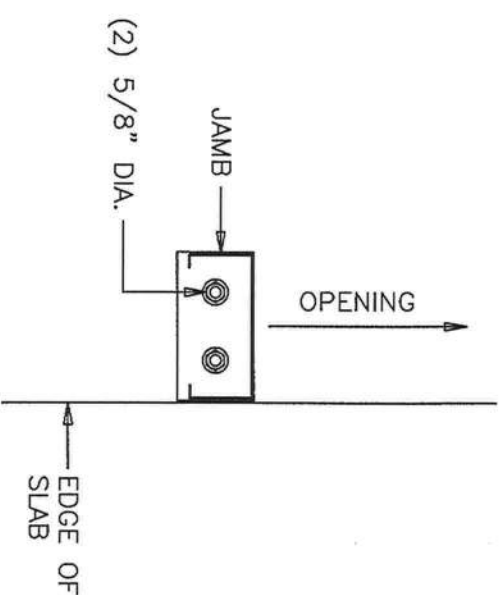
GIRTS TO CORNER COLUMN



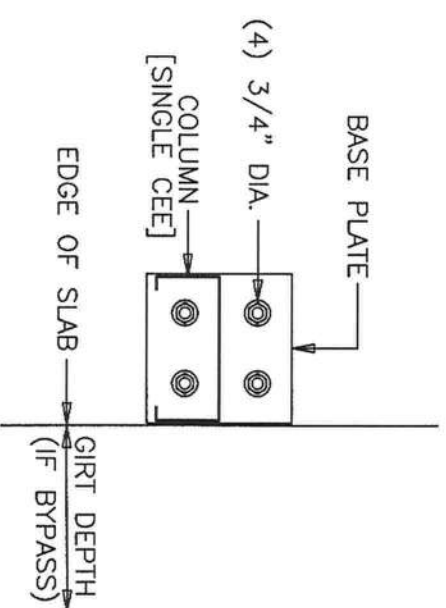
ENDWALL COLUMN BASE DETAIL



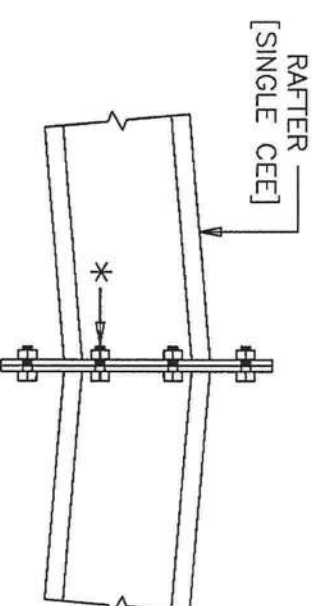
ENDWALL COLUMN BASE DETAIL



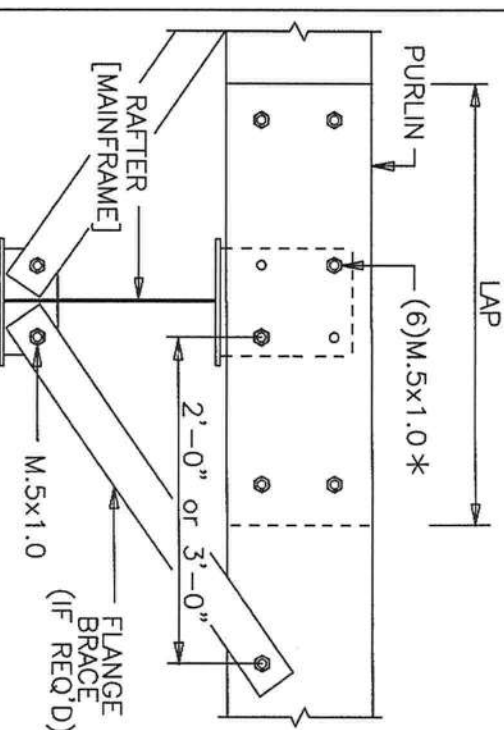
FRAMED OPENING JAMB BASE DETAIL



ENDWALL COLUMN BASE DETAIL



RAFTER DETAIL AT RIDGE



ENDWALL COLUMN BASE DETAIL

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4974

BUCK STEEL, INC.

CUSTOMER:

Aaron Nickelson/Global Innovation, LLC.

JOB NO: 1480_BLDG#1

REVISIONS

LOCATION: LAKE CITY, FL

DRAWING NAME: FRAMING DETAILS

DRAWING NO:

PAGE 5.1

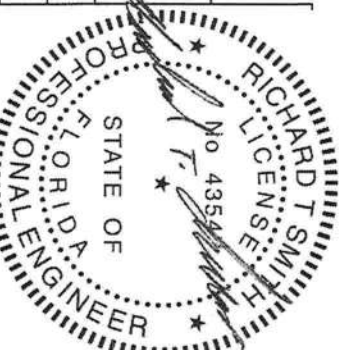
DATE: 6/1/11

SCALE: NONE

CHECKED BY: BHM

DRAWN BY: JDH

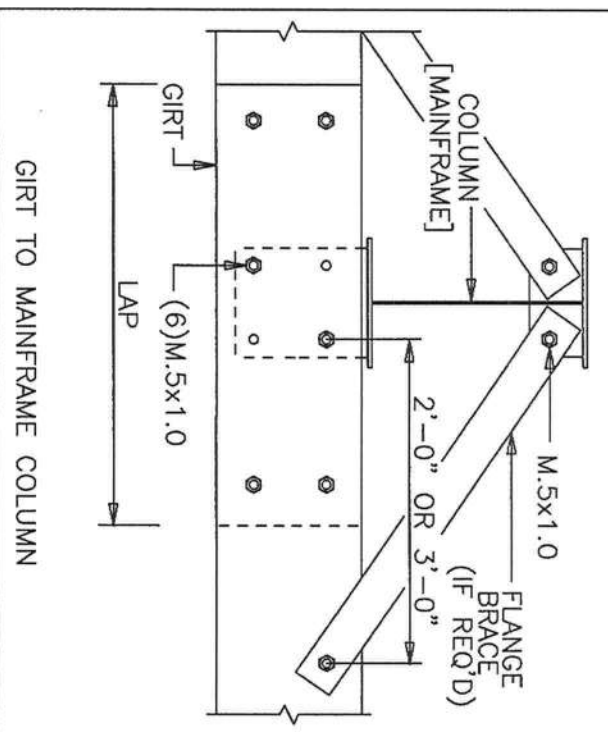
PE # 43547



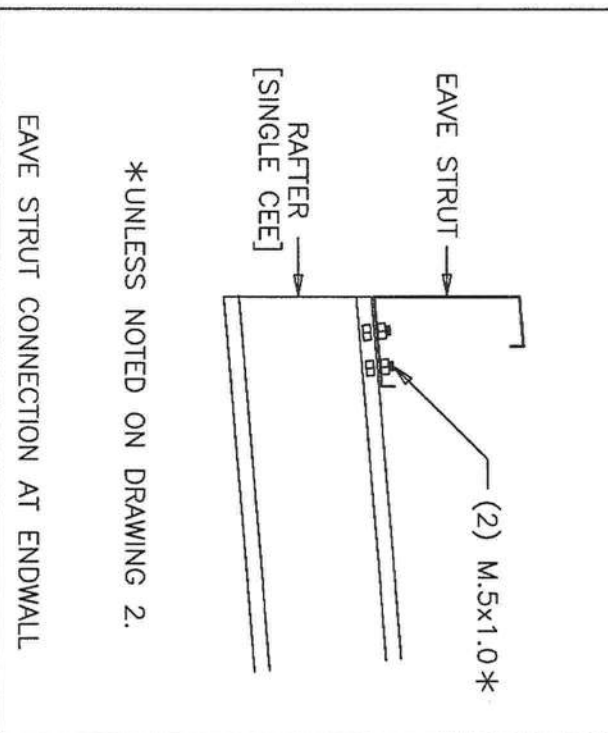
REVIEWED

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

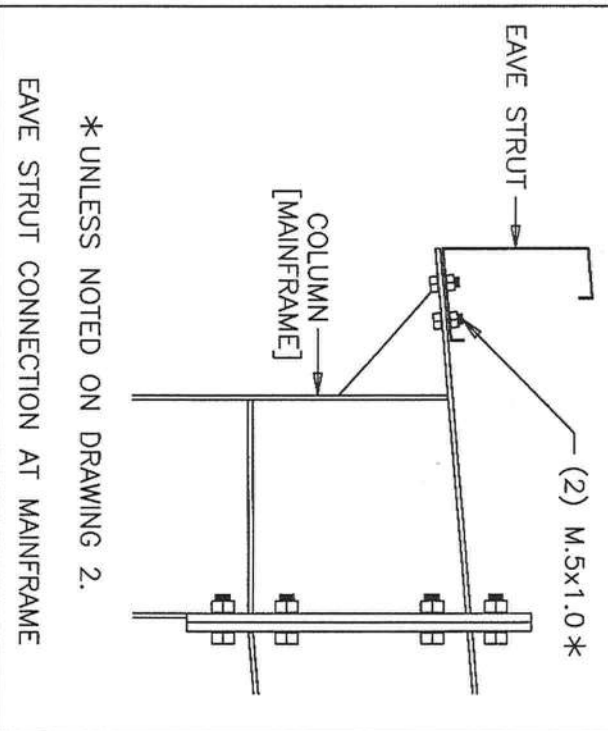
DETAIL H2



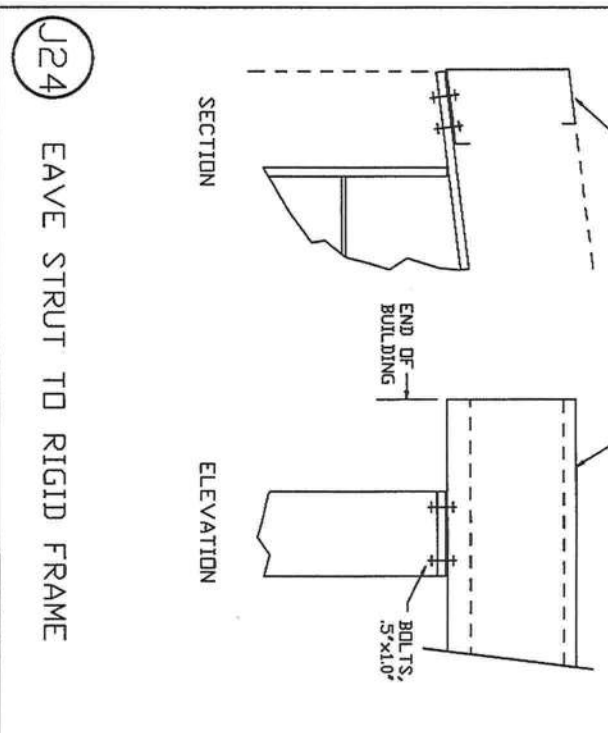
DETAIL I6



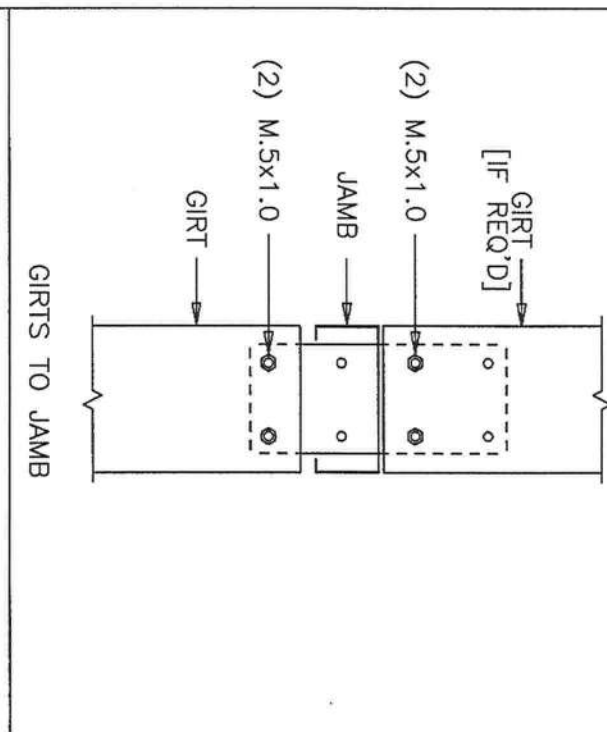
DETAIL J2



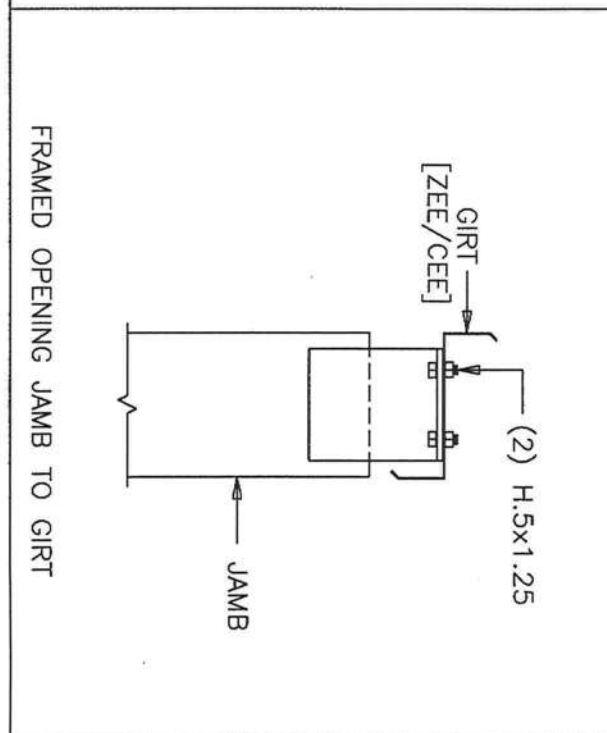
SECTION ELEVATION



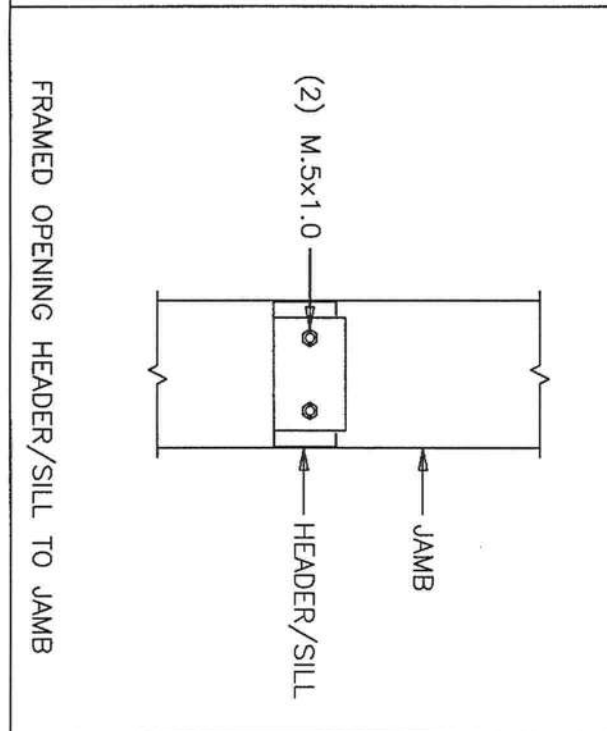
DETAIL K3



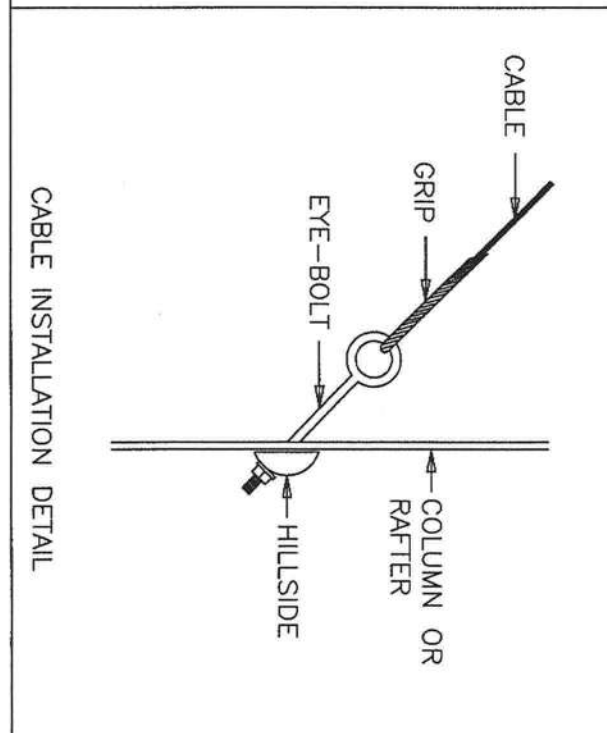
DETAIL L8



DETAIL M3



DETAIL Q2



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.

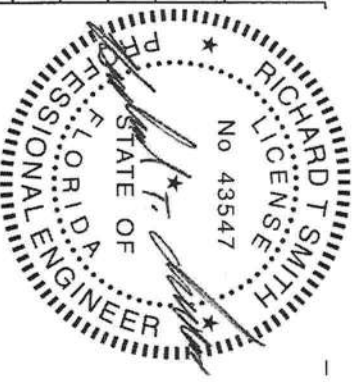
JOB NO: 1480_BLDG#1
DATE: 6/1/11

LOCATION: LAKE CITY, FL

DRAWING NAME: FRAMING DETAILS

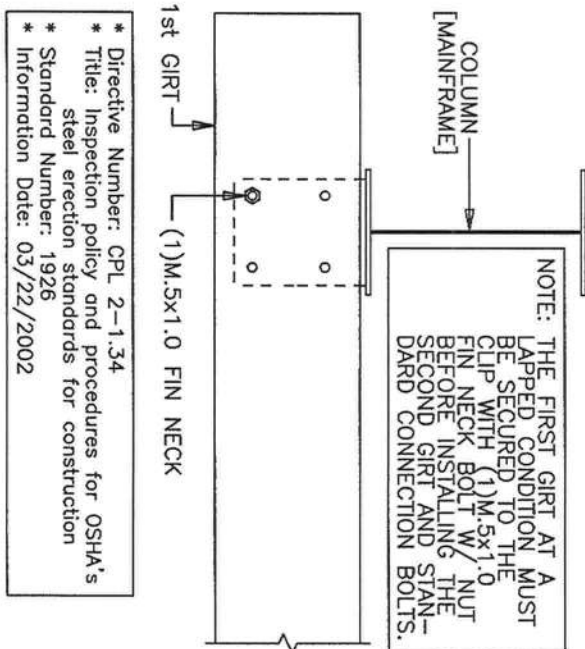
DRAWING NO: PAGE 5.2

DRAWN BY: JDH
CHECKED BY: BHM

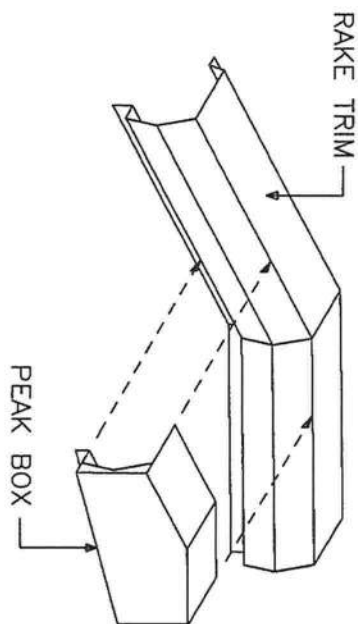


REVIEWED
By Richard T. Smith at 3:21 pm, Jun 08, 2011

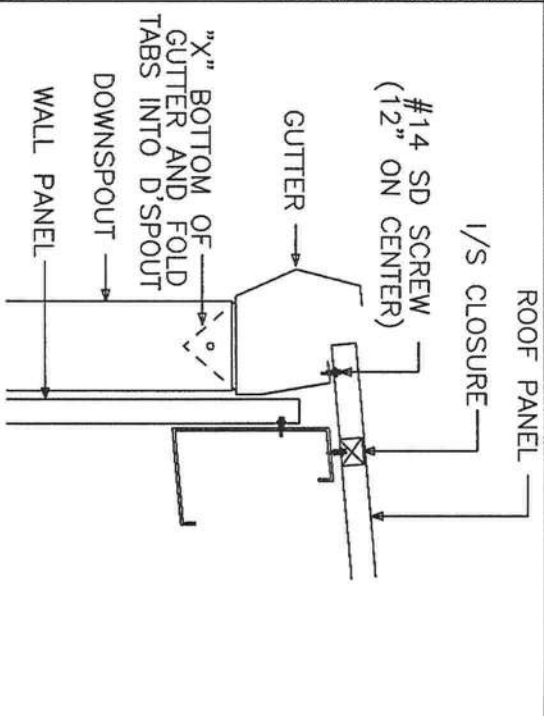
OSHA REQUIREMENT



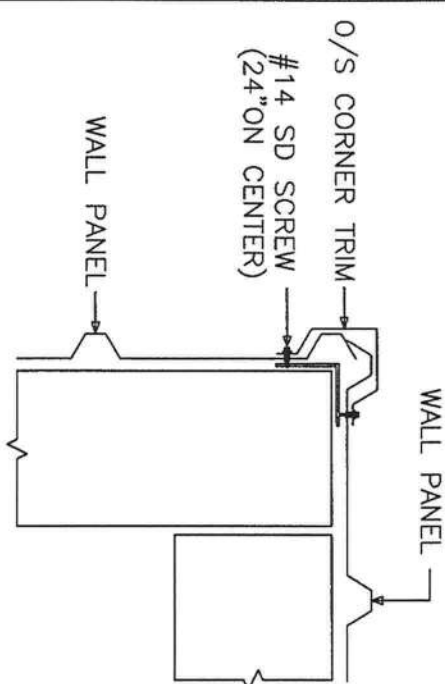
LAPPED GIRTS TO MAINFRAME COLUMN



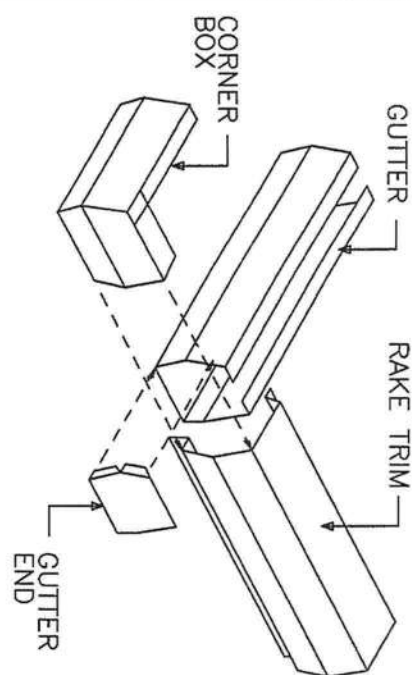
TRIM_4
PEAK BOX DETAIL



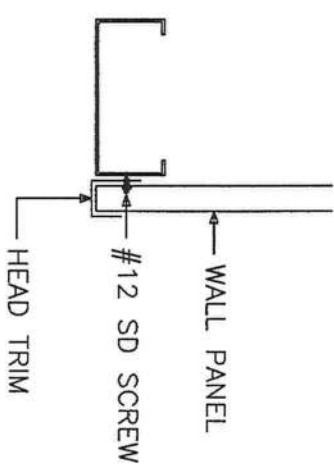
TRIM_1
GUTTER DETAIL



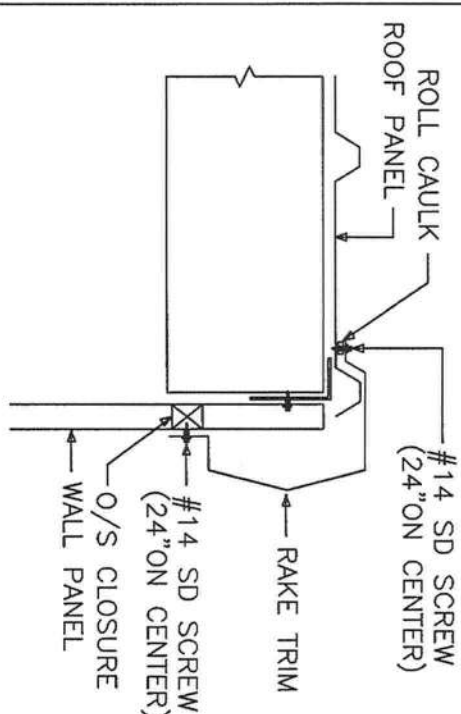
TRIM_5
O/S CORNER DETAIL



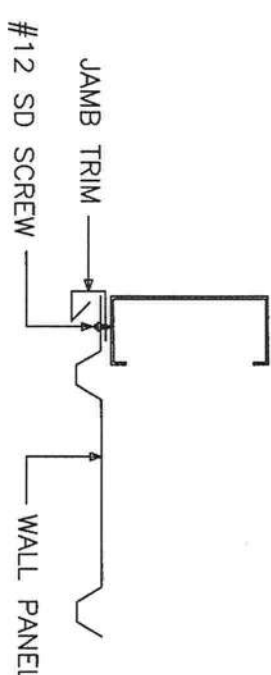
TRIM_2
GUTTER END DETAIL



TRIM_6
HEAD TRIM DETAIL AT HEADER

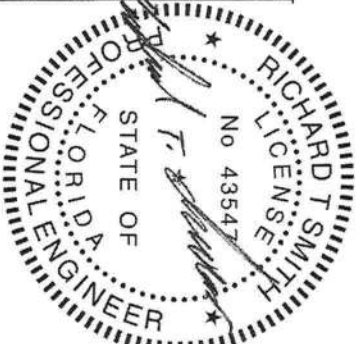


TRIM_3
RAKE TRIM DETAIL



TRIM_8
JAMB TRIM DETAIL AT JAMB

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PE # 43547
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

LOCATION: LAKE CITY, FL

DRAWING NAME: FRAMING DETAILS

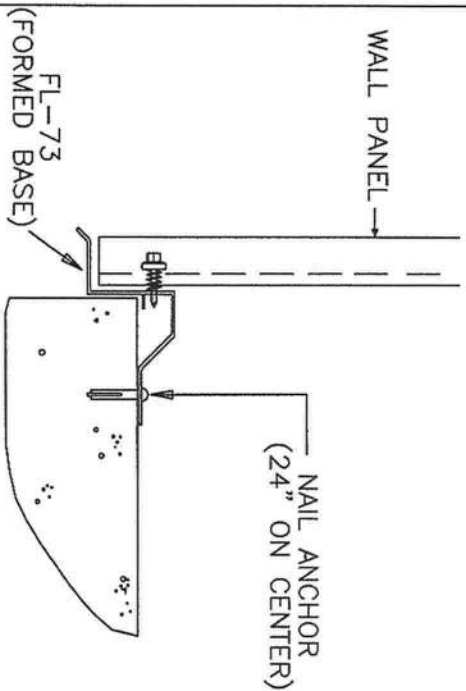
DRAWING NO: PAGE 5.3

DRAWN BY: JDH

CHECKED BY: BHM

REVIEWED

By Richard T Smith at 3:21 pm, Jun 08, 20



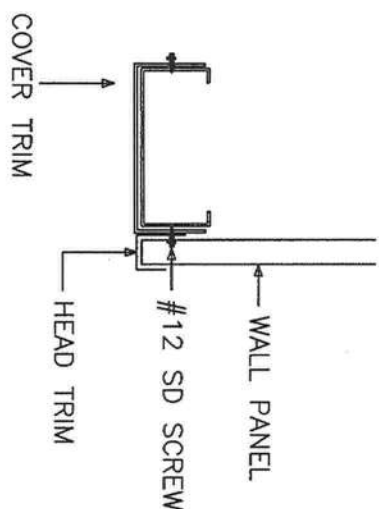
FORMED BASE DETAIL

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/552.0 OR H/752.7/5)

TURN-OF-NUT TIGHTENING: IN ALL HOLES OF THE CONNECTION AND BROUGHT BOLTS SHALL BE TIGHTENED 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 SPECIFIED AMOUNT OF TURN. THE TURN SHALL BE DETERMINED BY THE FOLLOWING TABLE. THE TURN SHALL BE TAKEN FROM THE PART NOT TURNED BY THE WRENCH. TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT TO THE FREE EDGES.

BOLT LENGTH UP TO AND INCLUDING 4 DIAMETERS	REQUIRED ROTATION
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.



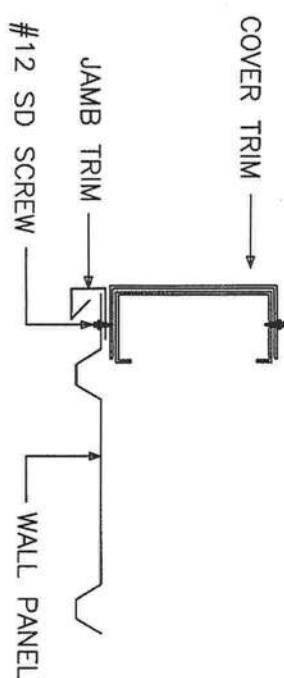
COVER TRIM DETAIL AT HEADER

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.)

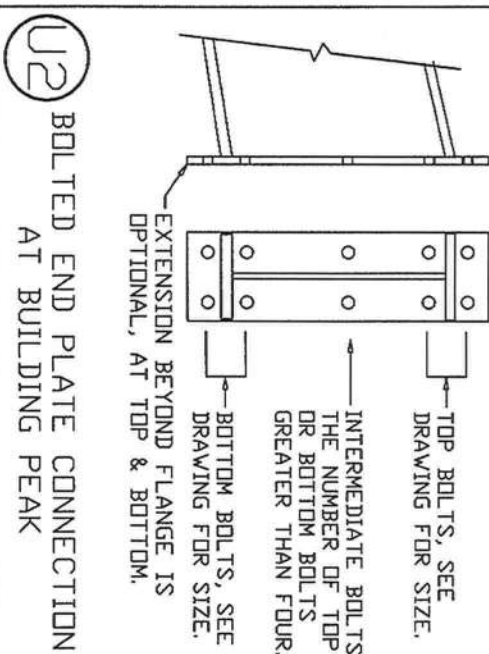
ANY FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE ERECTOR AND MBM IS NOT LIABLE FOR LABOR CHARGES NOR DAMAGES DUE TO ERROR.



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.



BOLTED END PLATE CONNECTION AT BUILDING PEAK

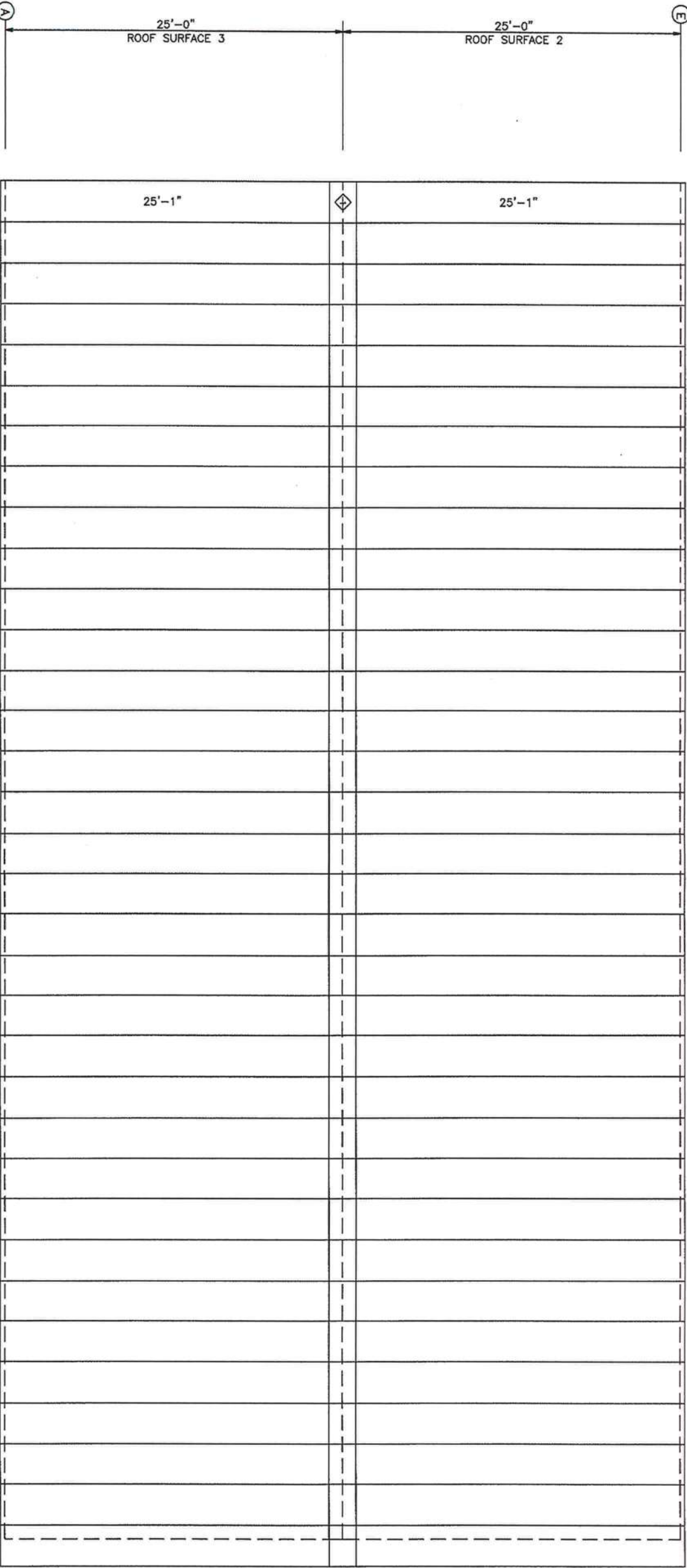
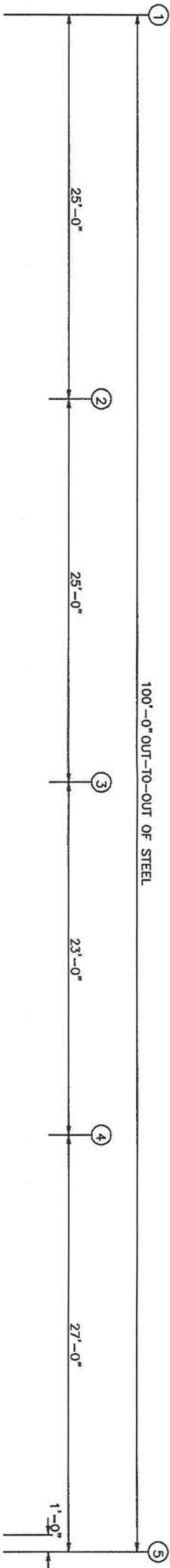
BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation, LLC.			
JOB NO: 1480_BLDG#1		DATE: 6 / 1 / 11	
[1]	LOCATION: LAKE CITY, FL	SCALE:	
[2]	DRAWING NAME: FRAMING DETAILS	NONE	
[3]	DRAWING NO: PAGE 5.4	DRAWN BY: JDH	CHECKED BY: BHM

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PROFESSIONAL ENGINEER
FLORIDA
No 43547
Richard T. Smith

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

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



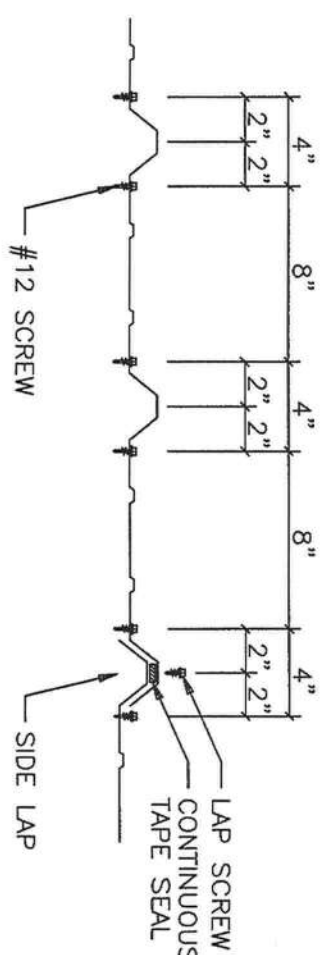
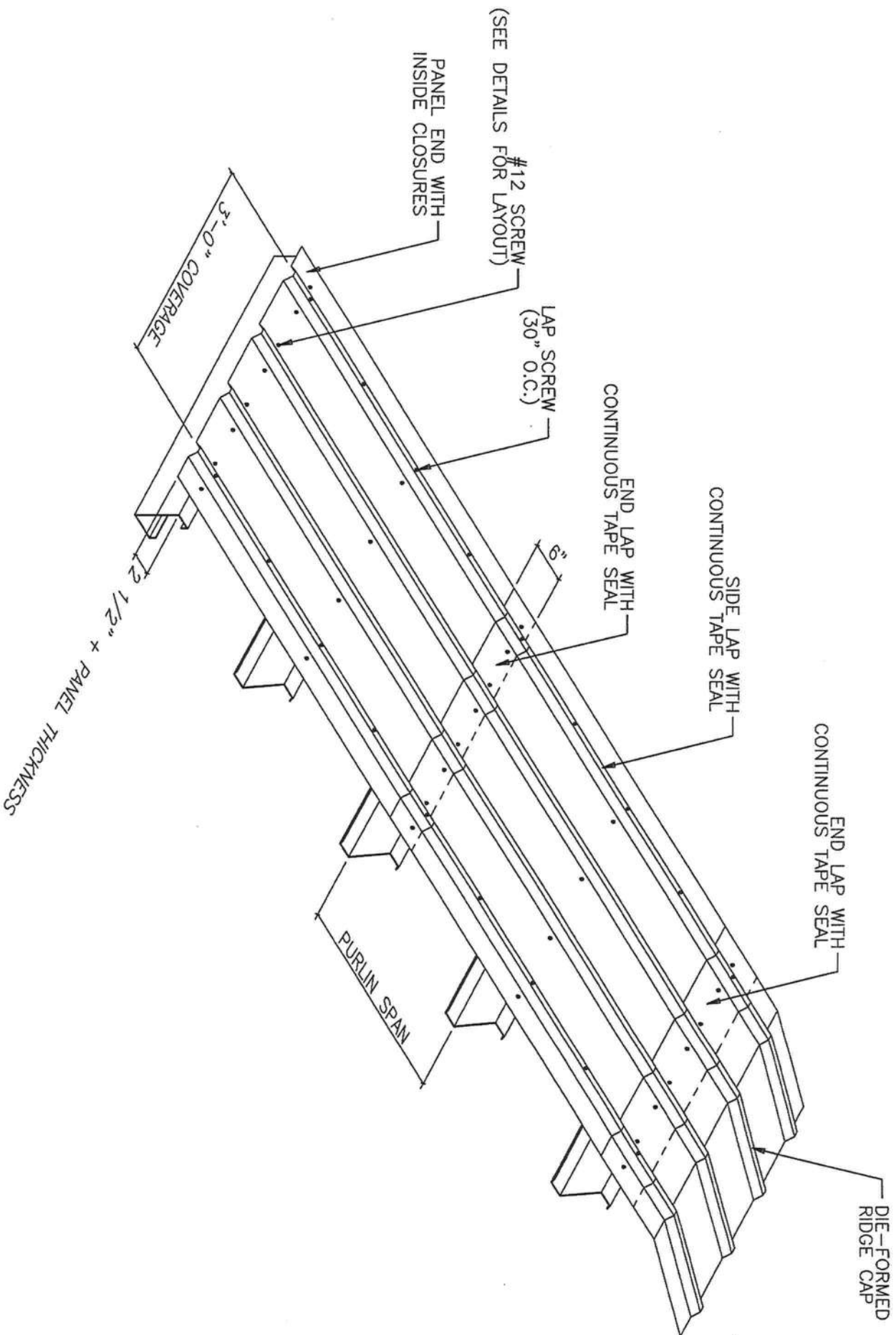
ROOF SHEETING PLAN
PANELS: 26 GA. PBR - GALVALUME

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
SCALE: NONE	
CHECKED BY: BHM	

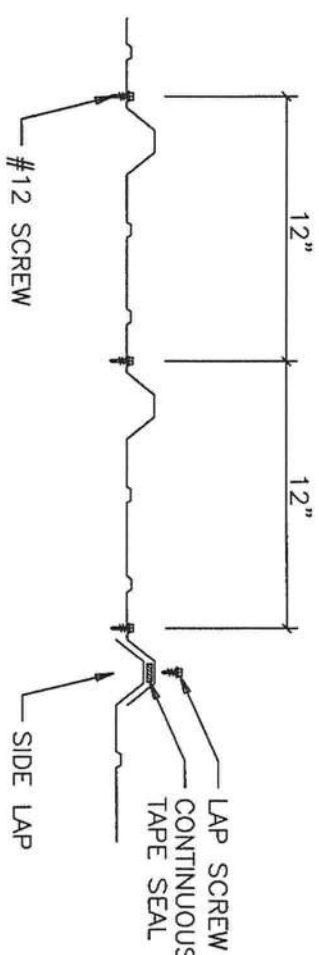
Richard T. Smith
PE # 43547
102 Main Street Ste#12
Lagrange, Georgia Ph: (706) 888-4874

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

PROFESSIONAL ENGINEER
STATE OF FLORIDA
RICHARD T. SMITH
NO. 43547



DETAIL AT PANEL END

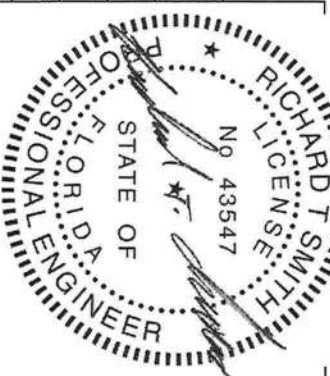


DETAIL AT INTERIOR OF PANEL

NOTES:

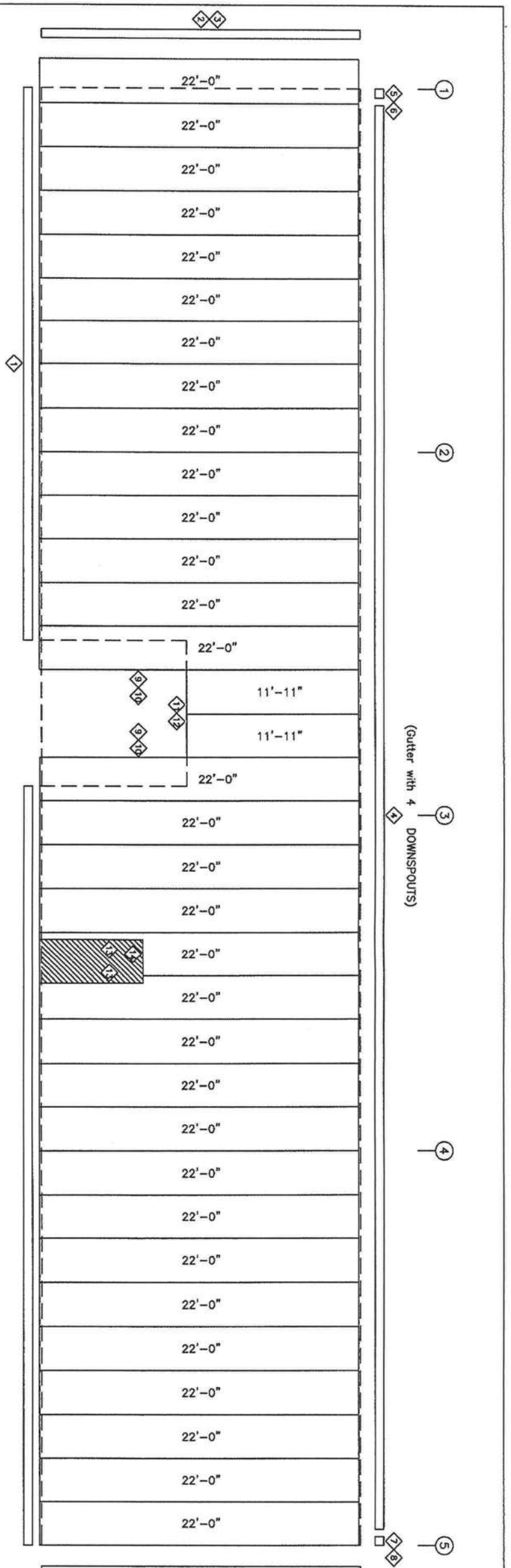
- [1] ALL END LAPS MUST BE A MINIMUM OF 6".
- [2] METAL SHAVINGS MUST BE SWEEPED FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [3] TAPE SEAL MUST BE APPLIED WITH NO GAPS OR BREAKS.
- [4] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL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

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

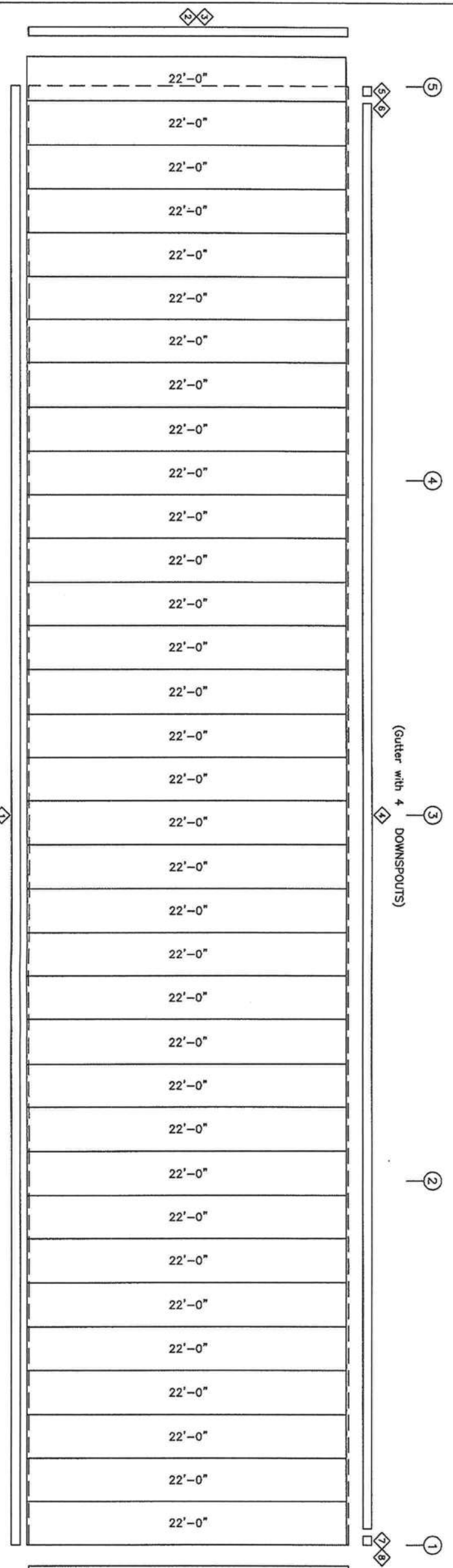


Richard T. Smith
 PE # 43547
 102 Main Street Ste#212
 Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
 By Richard T. Smith at 3:21 pm, Jun 08, 2



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 R	1'-0"	TRIM-2
7 GUTEND R	1'-0"	TRIM-2
8 CORBOX R	1'-0"	TRIM-1
9 CTR	10'-1"	TRIM-8
10 R JAMB	10'-3"	TRIM-8
11 CTR	10'-0"	TRIM-11
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

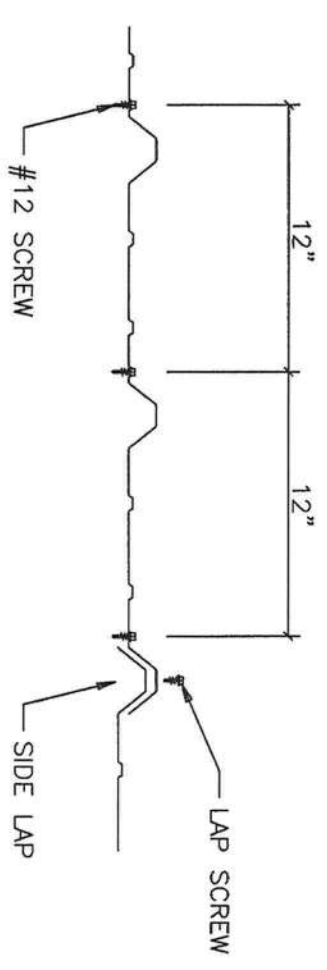
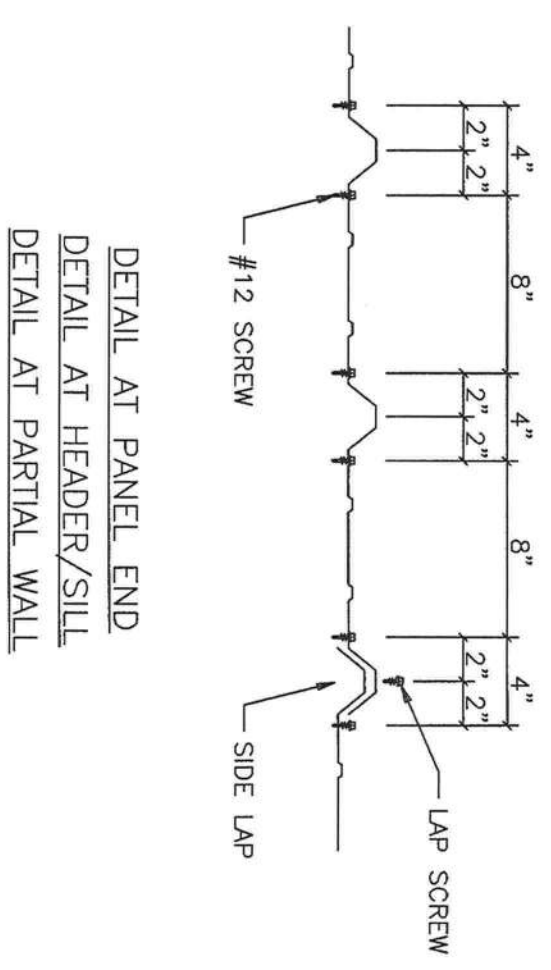
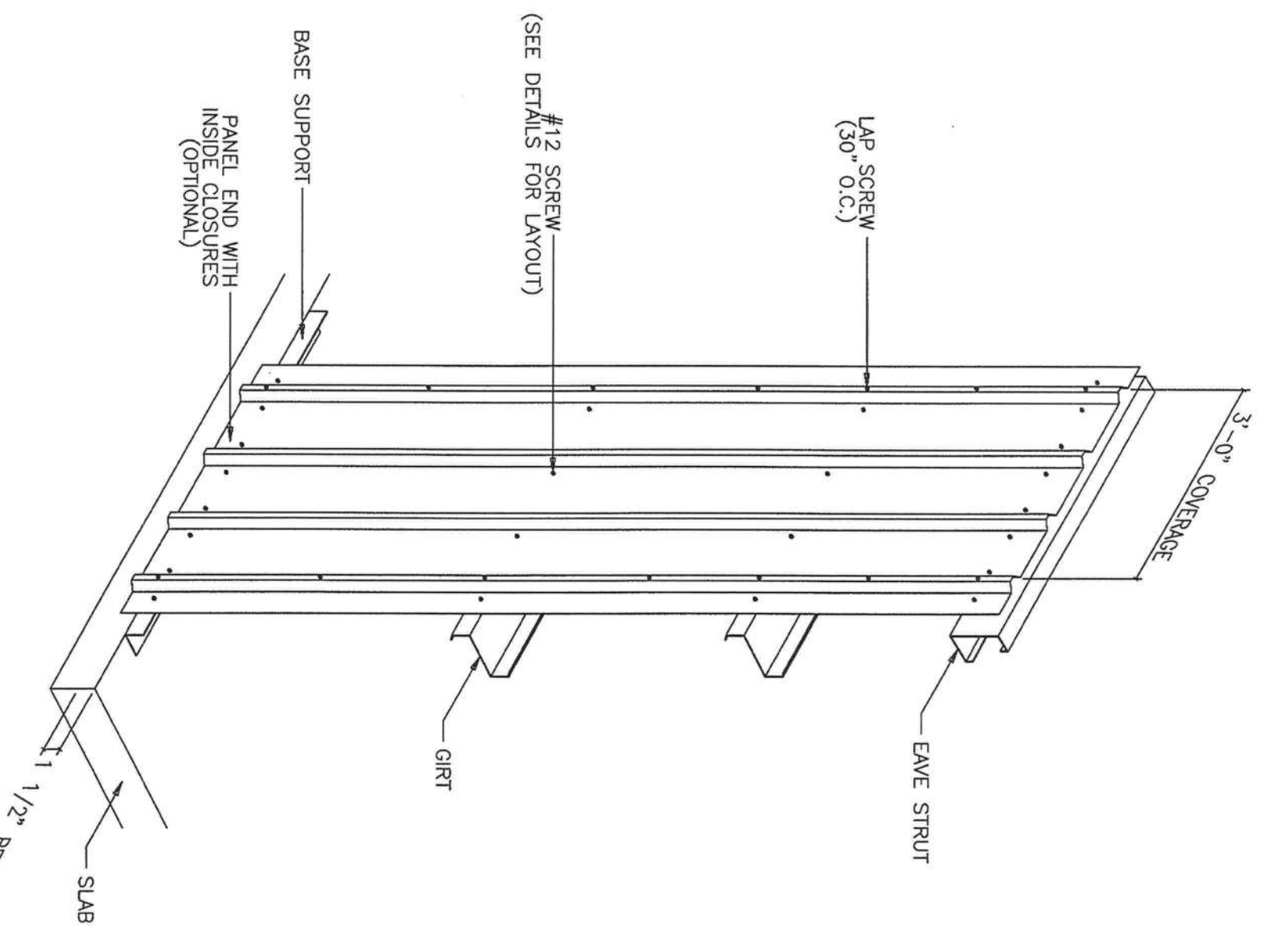
BUCK STEEL, INC.			
CUSTOMER:			
Aaron Nickelson/Global Innovation, LLC.			
JOB NO:		DATE:	
1480_BLDG#1		6/ 1/11	
REVISIONS			
[1]	LOCATION:		
	LAKE CITY, FL		
[2]	DRAWING NAME:		SCALE:
	SIDEWALL PANELS & TRIM		NONE
[3]	DRAWING NO:	DRAWN BY:	CHECKED BY:
	PAGE 7	JDH	BHM

Richard T. Smith
PE # 43547
102 Main Street Ste#112
Lagrange, Georgia Ph: (706) 888-4874



REVIEWED
By Richard T Smith at 3:21 pm, Jun 08, 20

- 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.



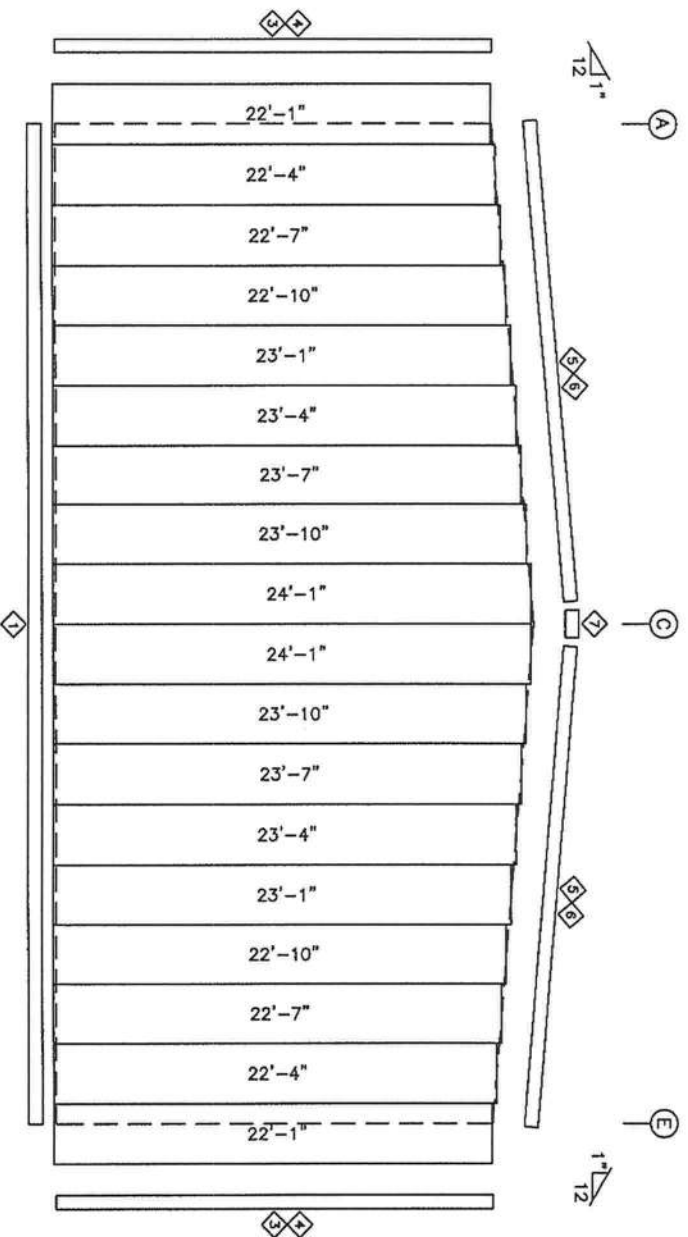
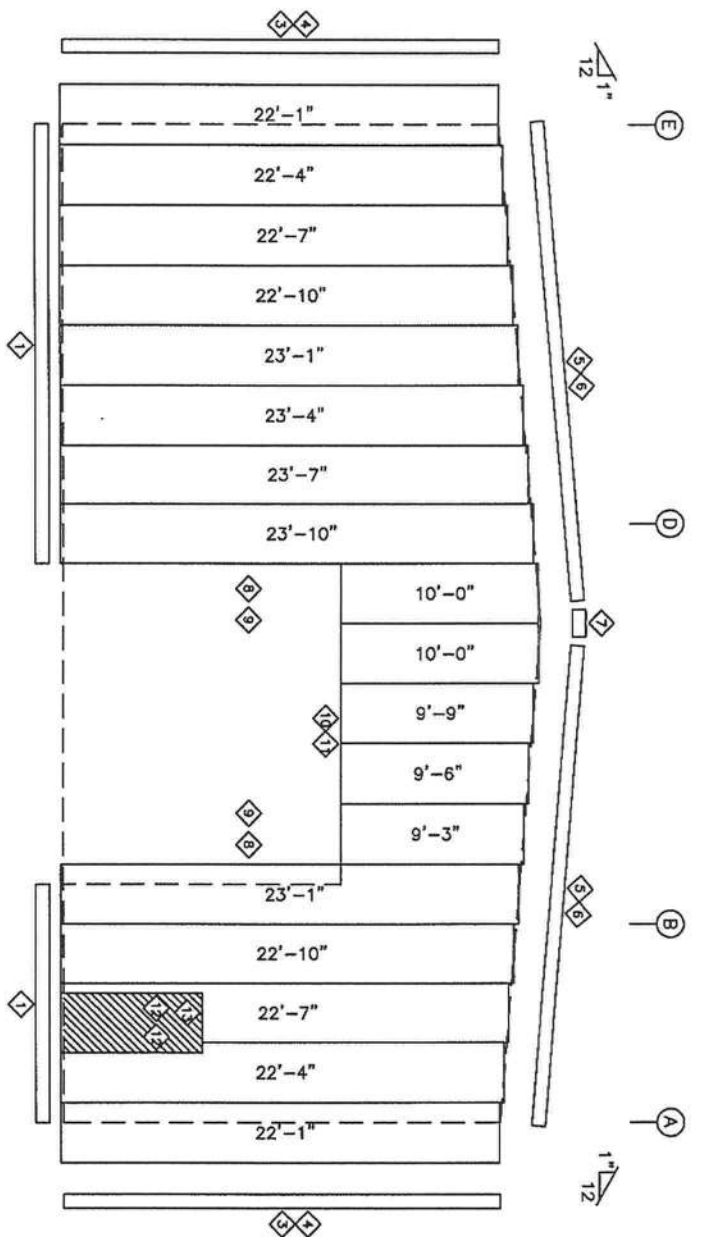
BUCK STEEL, INC.		CUSTOMER:	
1480_BLDG#1		Aaron Nickelson/Global Innovation, LLC.	
LAKE CITY, FL		DATE:	
6 / 1 / 11		SCALE:	
NONE		DRAWING NO:	
PAGE 7.1		DRAWN BY:	
JDH		CHECKED BY:	
BHM		REVIEWED	

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

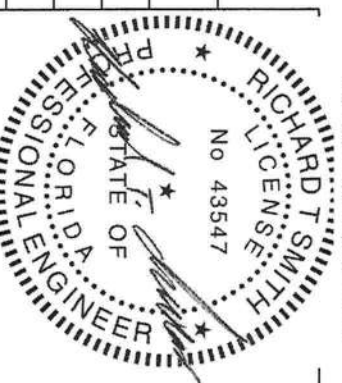
PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 No 43547

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

TRIM TABLE			
FRAME LINE 1 & 5			
ID	PART	LENGTH	DETAIL
1	FL-73	20'-0"	TRIM_9
3	O/S CORN	20'-3"	TRIM_5
4	O/S CORN	2'-2"	TRIM_5
5	RAKE TRM	20'-3"	TRIM_3
6	RAKE TRM	5'-2"	TRIM_3
7	PEAK BOX	1'-4"	TRIM_4
8	CTB	14'-1"	TRIM_1
9	R JAMB	14'-3"	TRIM_8
10	CTB	16'-0"	TRIM_10
11	R HEAD	16'-3"	TRIM_6
12	R JAMB	7'-3"	TRIM_8
13	R HEAD	3'-3"	TRIM_6

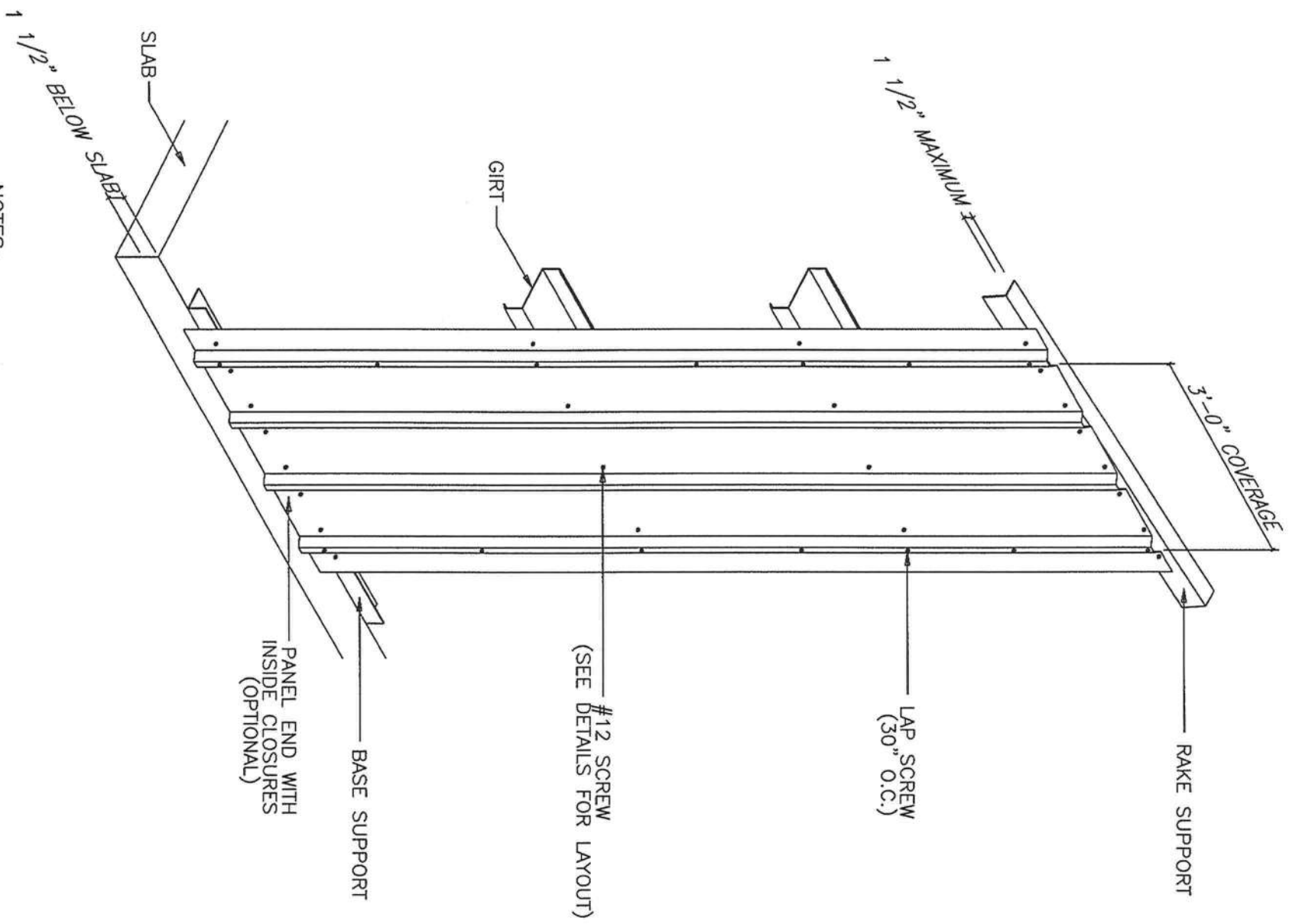


BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.			
JOB NO: 1480_BLDG#1		DATE: 6 / 1/11	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: ENDWALL PANELS & TRIM		SCALE: NONE
[3]	DRAWING NO: PAGE 8	DRAWN BY: JDH	CHECKED BY: BHM



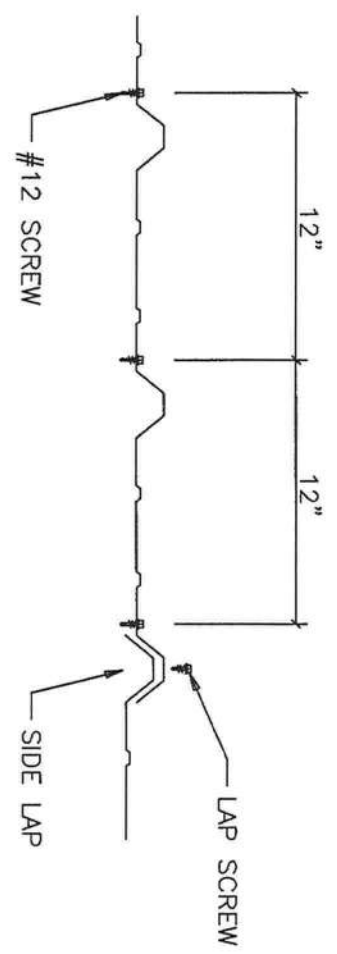
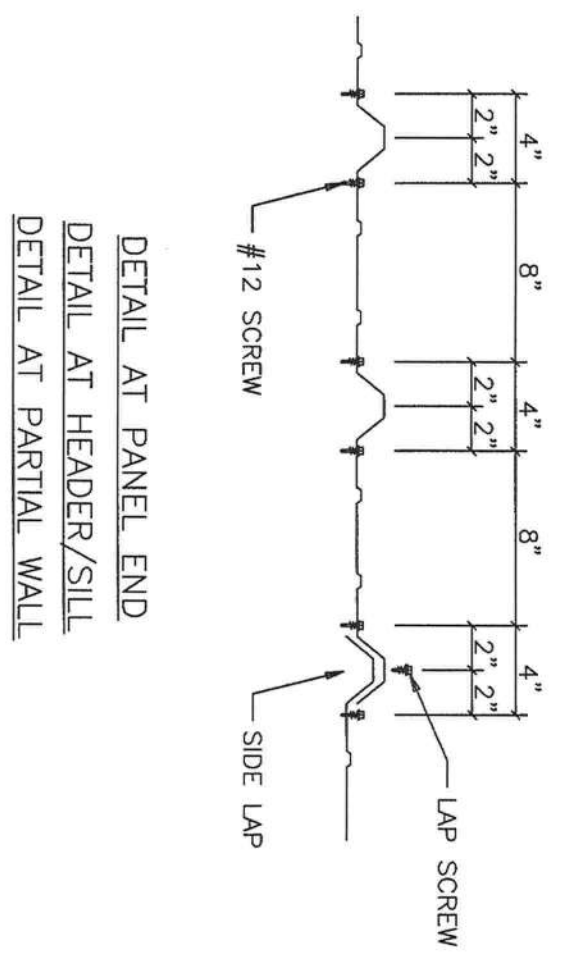
Richard T. Smith
 PE # 43547
 102 Main Street Ste#212
 Lagrange, Georgia Pn: (706) 888-4374

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



NOTES:

- [1] METAL SHAVINGS MUST BE SWEEPED 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.

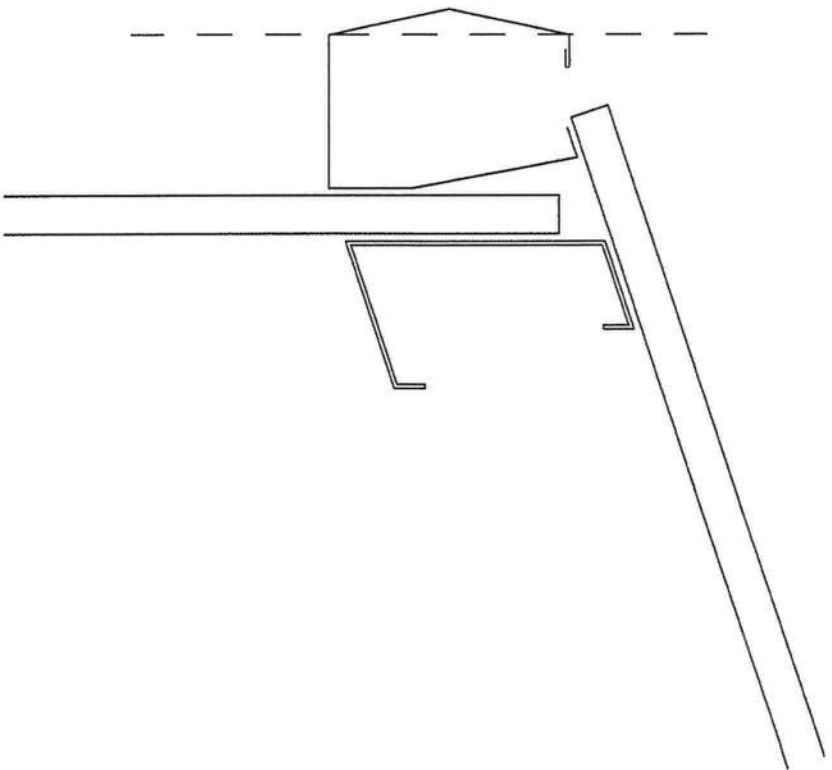


BUCK STEEL, INC.			
CUSTOMER: Aaron Nickelson/Global Innovation,LLC.			
JOB NO: 1480_BLDG#1		DATE: 6/ 1/11	
REVISIONS			
[1]	LOCATION: LAKE CITY, FL		SCALE: NONE
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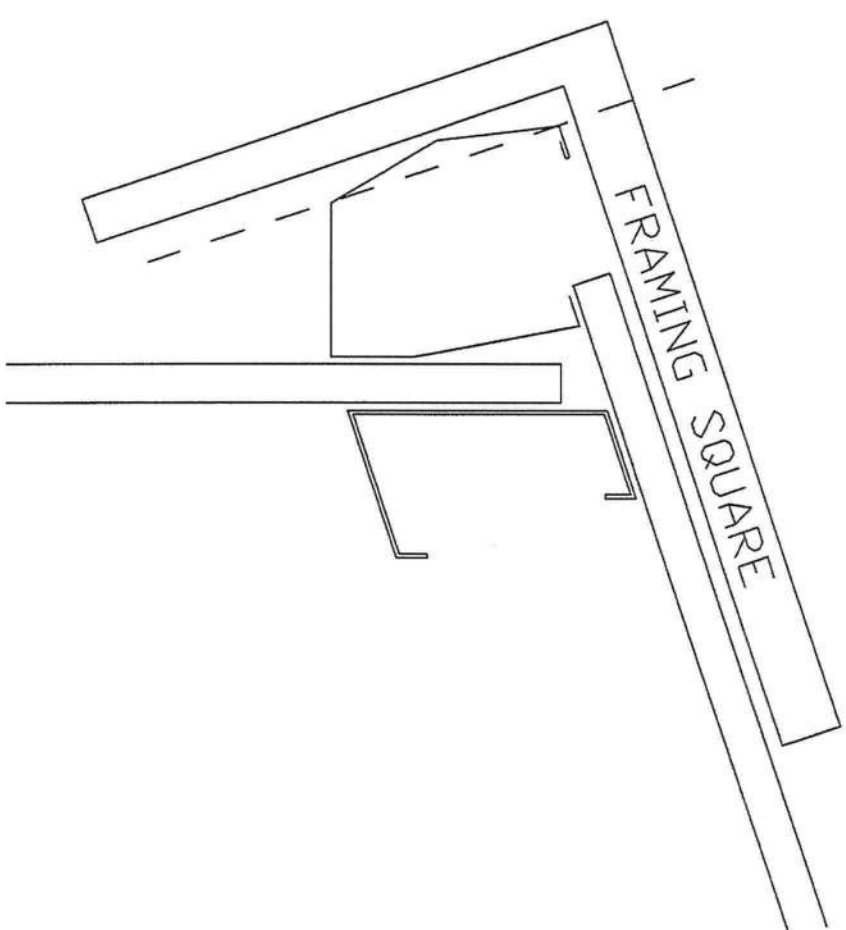


Richard T. Smith
 PE # 43547
 102 Main Street Ste#212
 Lagrange, Georgia Pk. (706) 888-4874

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



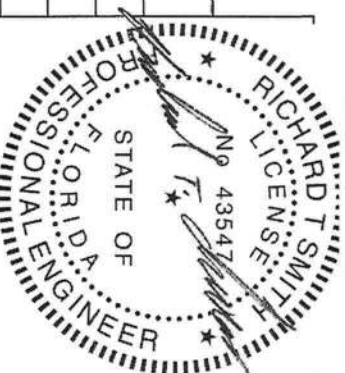
DO NOT INSTALL GUTTER WITH
OUTSIDE FACE PERPENDICULAR
TO THE GROUND.



INSTALL GUTTER WITH
OUTSIDE FACE PERPENDICULAR
TO THE ROOF.

GUTTER INSTALLATION DETAIL

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

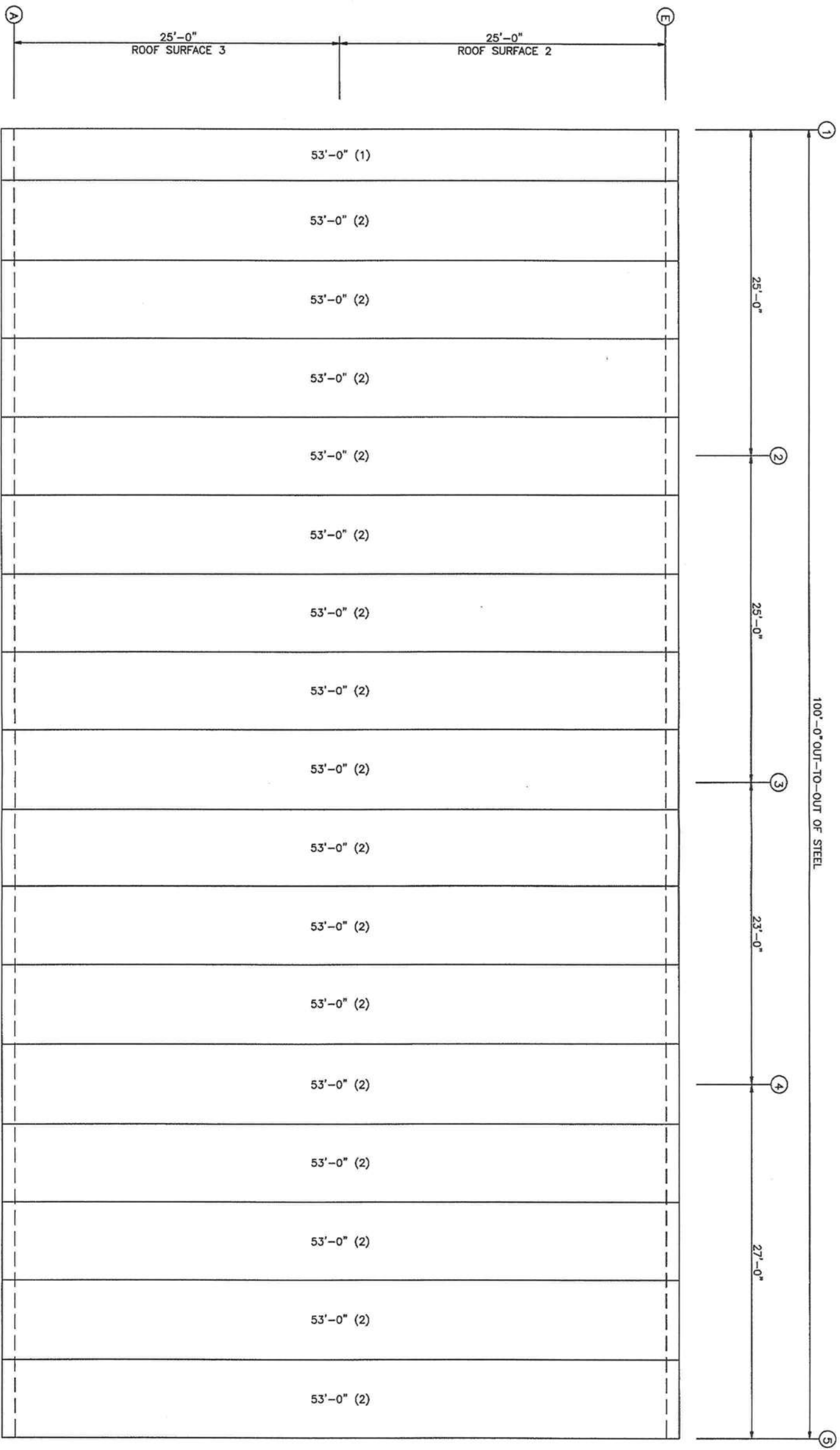


Richard T. Smith
PE # 43547
102 Main Street, Ste#212
Lagrange, Georgia Ph: (706) 888-4874

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

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)



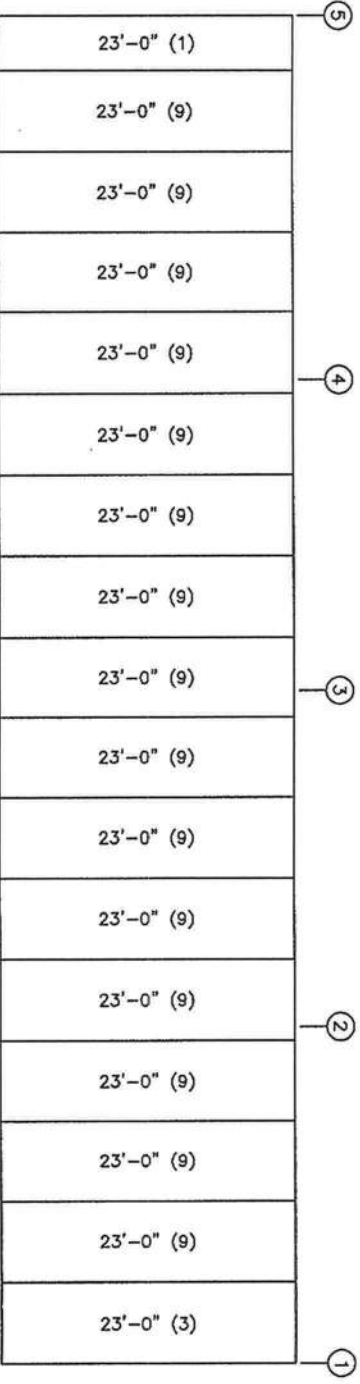
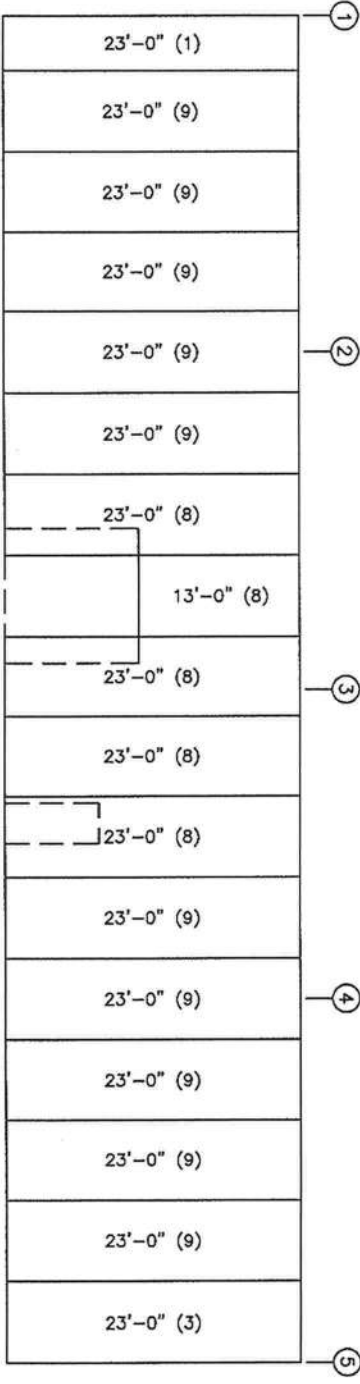
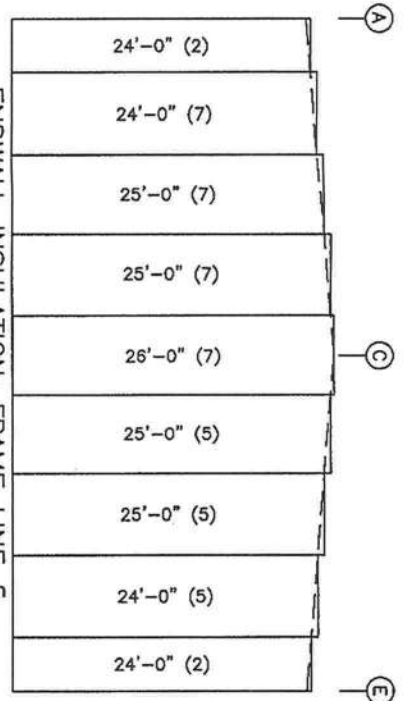
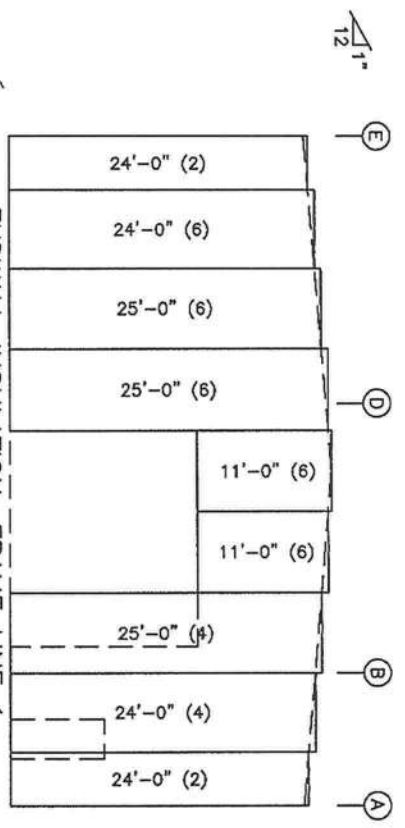
ROOF INSULATION
INSULATION: 3.00" Thick RE

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		SCALE: NONE	
DRAWING NO: PAGE 10		DRAWN BY: JDH	
REVISIONS		CHECKED BY: BHM	
[1]			
[2]			
[3]			

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Pk: (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.



INSULATION TABLE				
FRAME LINE 1 A S 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		SCALE: NONE
[3]	DRAWING NO: PAGE 10.1	DRAWN BY: JDH	CHECKED BY: BHM

Richard T. Smith

PE # 43547

102 Main Street Ste#212

Lagrange, Georgia Ph: (706) 888-4874

STATE OF FLORIDA

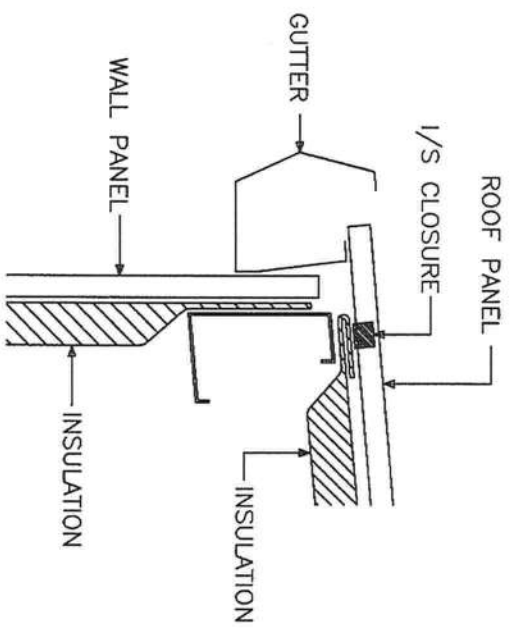
PROFESSIONAL ENGINEER

Richard T. Smith

43547

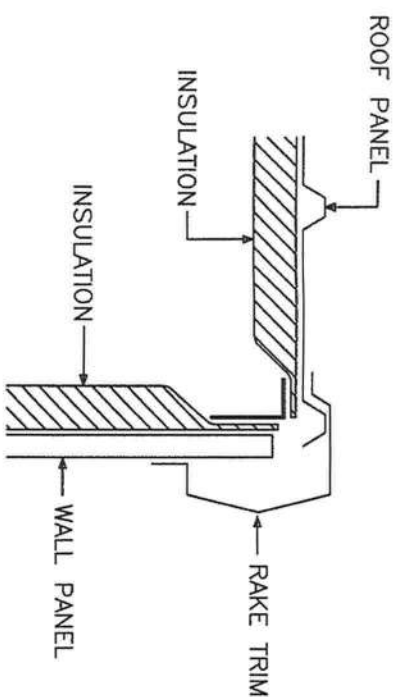
REVIEWED

By Richard T Smith at 3:21 pm, Jun 08, 20

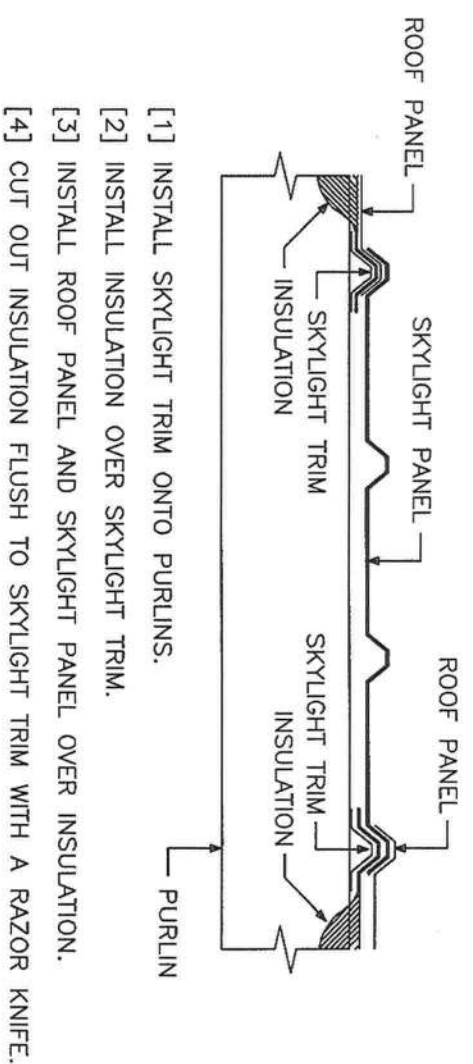


EAVE DETAIL

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

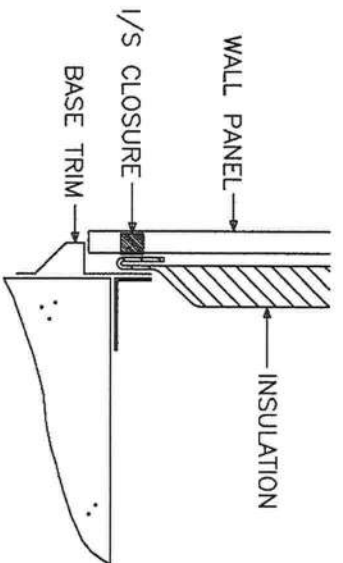


RAKE DETAIL



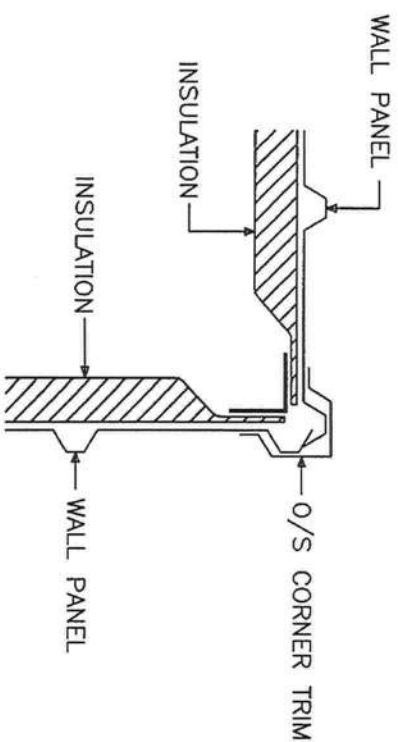
SKYLIGHT TRIM DETAIL

- [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.



BASE DETAIL

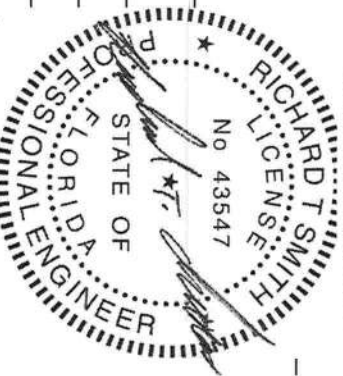
NOTE: FOLD INSULATION BACK 3" TO 6".



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



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

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

GLOBAL INNOVATION, LLC

SOP 11-02

SITE PLAN FOR:

ABRAM HUBER

GLOBAL INNOVATION, LLC

496 SW RING CT

LAKE CITY, FL 32025

386.752.4502

CES

Crews Engineering Services, LLC

P.O. BOX 970

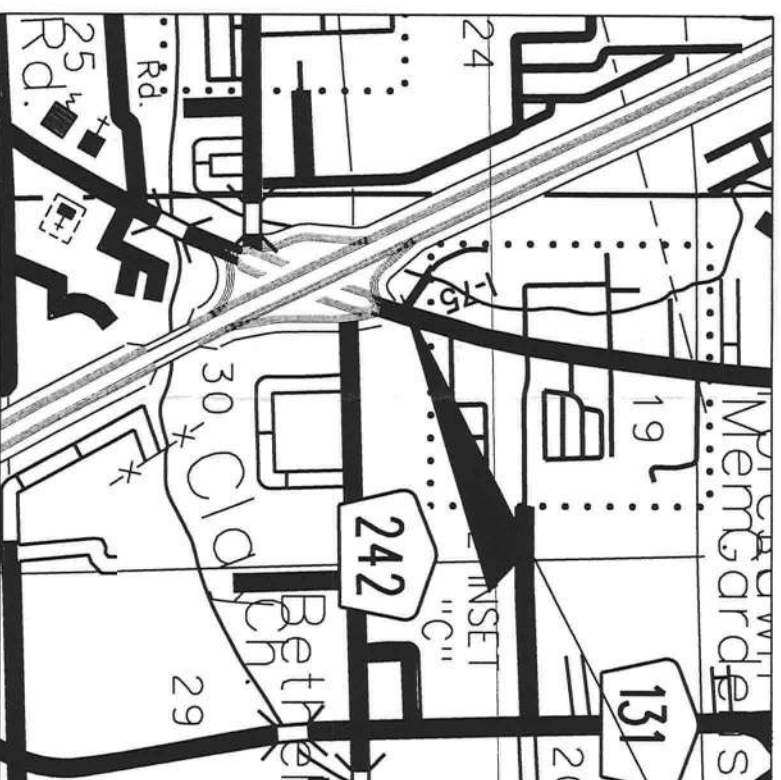
LAKE CITY, FL 32056

PHONE: 386.754.4085

www.crewsengineering.com

CERTIFICATE OF AUTHORIZATION: NO. 28022

BRETT A. CREWS, P.E. 65592



PROJECT LOCATION

LOCATION MAP

SECTION 19, TOWNSHIP 4 SOUTH, RANGE 17 EAST
COLUMBIA, FLORIDA

LOT 9, CANNON CREEK CENTER

PARCEL # 19-4S-17-08558-109

INDEX OF SHEETS

GENERAL NOTES
MISCELLANEOUS NOTES AND DETAILS
EXISTING CONDITIONS
SITE PLAN
PAVING AND DRAINAGE PLAN
PAVING AND DRAINAGE NOTES AND DETAILS
SURFACE WATER MANAGEMENT FACILITY
APPLICABLE FDOT DESIGN STANDARDS

DET1
DET2
SIT1
SIT2
PAV1
PAV2
SWM1

Brett A. Crews
6/2/2011

CES PROJECT ID:
2010-008

REVISIONS

06-02-2011 REVISED SITE PER SRWMD AND CLIENT

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY & PRIOR TO PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE AT ALL TIMES IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
3. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
4. THE STORM WATER MANAGEMENT SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SRWMD RULES AND REGULATIONS (CH. 40B-4 F.A.C.).
5. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
6. THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.
7. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.
8. SITE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT LIMITS.
9. ALL PROPOSED CONSTRUCTION SHALL CONFORM TO CURRENT FDOT DESIGN STANDARDS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. ALL STORM SEWER PIPES SHALL HAVE A MINIMUM COVER OF 6". LIMEROCK BACKFILL SHALL BE USED IF PIPE UNDER PAVEMENT HAS LESS THAN 12" COVER.
11. ALL SWALES, DEPRESSION AREAS AND RETENTION PONDS SHALL BE INSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHOULD BE REPAIRED AS SOON AS POSSIBLE. IF A SOLUTION PIPE SINKHOLE FORMS WITHIN THE STORM WATER SYSTEM, THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH A LOW PERMEABILITY MATERIAL. A 2'-FOOT CAP THAT EXTENDS 2 FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOIL SHOULD HAVE AT LEAST 20% PASSING THE NUMBER 200 SIEVE, COMPACTED TO 95% OF STANDARD PROCTOR, AND COMPACTED IN A WET CONDITION WITH MOISTURE 2%-4% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT PONDING AND RE-VEGETATED.
12. ALL NEW TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CURRENT FDOT DESIGN STANDARDS.
13. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH CURRENT FDOT DESIGN STANDARDS.
14. CONTRACTOR SHALL CONTACT COLUMBIA COUNTY BUILDING AND ZONING DEPARTMENT TO PERFORM THE FOLLOWING SITE INSPECTIONS:
A) EROSION AND SEDIMENT CONTROL - PRIOR TO BEGINNING CONSTRUCTION
B) SITE COMPLIANCE - ONCE BUILDING FOUNDATION IS POURED AND IMPROVEMENTS ARE STAKED OUT
C) FINAL SITE COMPLIANCE - ONCE ALL IMPROVEMENTS ARE FINALIZED
15. CONTRACTOR SHALL CONTACT SRWMD AND ENGINEER OF RECORD 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
16. ANY UNSUITABLE MATERIAL (SPOTIC, CLAY, OTHER IMPERMEABLE SOILS) SHALL BE REMOVED FROM THE SURFACE WATER MANAGEMENT FACILITIES. THIS UNSUITABLE MATERIAL SHALL NOT BE USED AS FILL MATERIAL IN CONSTRUCTION OF THE BERMS. CONTRACTOR SHALL CONTACT ENGINEER OF RECORD TO INSPECT SURFACE WATER MANAGEMENT FACILITY ONCE EXCAVATED TO FINISH GRADE TO DETERMINE IF LINED WITH SUITABLE MATERIAL.

UTILITY NOTES

1. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. THIS INCLUDES VERIFYING LOCATION (HORIZONTAL AND VERTICAL) AT ANY CONNECTION POINT OF THE EXISTING UTILITY. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES EXISTING BETWEEN THE CONSTRUCTION PLANS AND ACTUAL FIELD CONDITIONS. EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY AND SHALL BE VERIFIED IN THE FIELD BY NON-DESTRUCTIVE METHODS.
2. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES, BUT IS NOT LIMITED TO, MANHOLE CORING, WET TAPPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.
3. ALL UTILITY CONSTRUCTION SHALL CONFORM TO CURRENT CITY OF LAKE CITY UTILITY STANDARDS.
4. ALL NEW AND RELOCATED WATER MAIN PIPES, FITTINGS, APPURTENANCES AND WATER WORKS ASSOCIATION (AWWA) STANDARDS AND/OR MANUFACTURES RECOMMENDATIONS.
5. SUFFICIENT VALVES SHALL BE PROVIDED IN NEW AND RELOCATED WATER MAINS TO MINIMIZE INCONVENIENCE AND SANITARY HAZARDS DURING REPAIRS.
6. AT HIGH POINTS WHERE AIR CAN ACCUMULATE IN NEW AND RELOCATED WATER MAINS, HYDRANTS OR AIR RELEASE VALVES SHALL BE PROVIDED TO REMOVE AIR.
7. AUTOMATIC AIR RELEASE VALVES ON NEW AND RELOCATED WATER MAINS SHALL NOT BE LOCATED WHERE FLOODING OF THE VALVE MANHOLE OR CHAMBER COULD OCCUR.
8. HYDRANT DRAINS, FLUSHING DEVICES, AIR RELEASE VALVES OR CHAMBERS, MANHOLES CONTAINING VALVES, BLOW-OFFS, METERS, OR OTHER APPURTENANCES PROVIDED IN CONJUNCTION WITH NEW AND RELOCATED WATER MAINS SHALL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER.
9. STONES FOUND IN TRENCHES FOR NEW AND RELOCATED WATER AND SANITARY SEWER MAINS SHALL BE REMOVED TO A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF PIPE. CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THESE TRENCHES. THIS BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND PIPE TO A SUFFICIENT HEIGHT ABOVE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE.
10. ALL TEES, BENDS, PLUGS, AND HYDRANTS IN NEW AND RELOCATED WATER MAINS SHALL BE PROVIDED WITH RESTRAINED JOINTS TO PREVENT MOVEMENT. MEGALUG MECHANICAL JOINT RESTRAINTS OR APPROVED ALTERNATIVE (NOT THRUST BLOCKS) SHALL BE USED WITH MANUFACTURES RECOMMENDATIONS. ALL RESTRAINED JOINTS SHALL BE LEFT OPEN UNTIL INSPECTED BY THE CITY.
11. A 24" MINIMUM COVER HEIGHT SHALL BE PROVIDED ABOVE ANY NEW OR RELOCATED WATER OR SANITARY SEWER MAIN CROSSING UNDER ANY SURFACE WATER. PROVIDE THE FOLLOWING FEATURES IF WIDTH OF SURFACE WATER IS GREATER THAN 15' AT THIS CROSSING:
A) FLEXIBLE WATER TIGHT JOINTS THROUGHOUT THE CROSSING
B) EASILY ACCESSIBLE VALVES LOCATED IN A MANHOLE
C) PERMANENT TAPS ON EACH SIDE OF VALVE WITHIN THE MANHOLE TO ALLOW FOR SAMPLING AND INSERTION OF A SMALL METER TO DETERMINE LEAKAGE
12. PROPER BACKFLOW PREVENTION SHALL BE PROVIDED IN ACCORDANCE WITH RULE 62-555.360 F.A.C. (CROSS-CONNECTION CONTROL FOR PUBLIC WATER SYSTEMS).
13. THIS PROJECT SHALL NOT INCLUDE ANY INTERCONNECTION BETWEEN PREVIOUSLY SEPARATE PUBLIC WATER SYSTEMS HAVING SEPARATE WATER SUPPLY SOURCES.
14. ANY NEW AND RELOCATED WATER LATERALS SHALL CROSS ABOVE SANITARY SEWER PIPE OR PROVIDE PROTECTION TO PREVENT CONTAMINATION AS REQUIRED BY FDEP AND OTHER APPLICABLE STANDARDS.

EROSION CONTROL NOTES

1. CONTRACTORS SHALL ADHERE TO THE STORM WATER POLLUTION PREVENTION PLAN, EROSION AND SEDIMENT CONTROL REGULATIONS AS SET BY SRWMD AND OTHER GOVERNING AUTHORITIES AND USE (AS A MINIMUM) THE MEASURES DESCRIBED ON THE EROSION CONTROL NOTES AND DETAILS SHEET.
2. ALL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND WATER MANAGEMENT FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ADDITIONAL MEASURES AS REQUIRED FOR PROPER EROSION AND SEDIMENT CONTROL. THE CONTRACTOR SHOULD USE BMPs IN THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTORS MANUAL TO IMPLEMENT A PLAN THAT WILL WORK AND MEET ACTUAL FIELD CONDITIONS.
4. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
5. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED IMMEDIATELY AND RIP RAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
6. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS. SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE.
7. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
8. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY TO PREVENT EROSION. SLOPES GREATER THAN 1V:4H SHALL BE STABILIZED WITH SOD. STABLE SOD SHALL BE USED ON SLOPES GREATER THAN 1V:2H. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK-GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS: FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
9. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN THREE (3) DAYS.
10. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS AND EXCESS DIRT REMOVED DAILY.
11. THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE WATER QUALITY STANDARDS.
12. QUALIFIED PERSONNEL SHALL INSPECT THE STOCKPILE AREAS, SILT FENCE, CONSTRUCTION ENTRANCE, AND ALL DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS AFTER A STORM OF 0.5 INCHES OR GREATER. CORRECTIVE ACTIONS SHALL BE TAKEN IMMEDIATELY.
13. CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS DURING PROPOSED CONSTRUCTION.

REVISIONS			
DATE	BY	DESCRIPTION	



CES

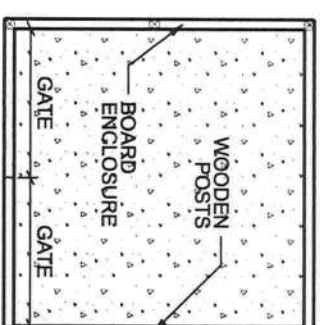
CERTIFICATE OF AUTHORIZATION
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PHONE: 386.754.4085

Crews Engineering Services, LLC

Brett A. Crews
6.3.2011
Brett A. Crews, P.E. 65592

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APPROVED BY: BC		SHEET: DET1

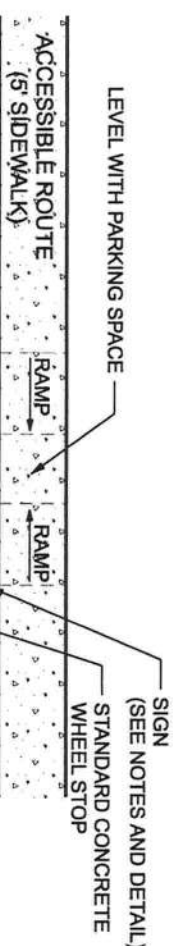


PLAN VIEW



SECTION

4" THICK, 2500 PSI CONCRETE
WITH FIBER MESH
PROVIDE 1/8" - 1/4" CONTRACTION JOINTS
ON 10' CENTERS MAXIMUM




NOTES:

1. ALL ACCESSIBLE ROUTES SHALL MEET ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. ACCESS AISLE MAY BE PLACED ON RIGHT OR LEFT SIDE OF PARKING STALL.
3. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED ACCESSIBLE PARKING SPACES.
4. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN.
5. INTERNATIONAL SYMBOL OF ACCESS SHALL BE 3 - 5 FT HIGH AND BLUE IN COLOR.
6. RAMP SHALL PROVIDE NON-SLIP FINISH AND HAVE A MAXIMUM SLOPE OF 1:12.
7. PAINT EDGE OF SIDEWALK WITH CONTRASTING PAINT AT RAMP TRANSITION. 3" WIDTH ON TOP AND ON FACE OF TRANSITION.
6. SEE SITE PLAN FOR ADDITIONAL PARKING SPACE DIMENSIONS.

STRIPING LEGEND	
YELLOW CURBING AND BOLLARDS - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY AND METAL SURFACES FREE OF HEAVY RUST 2 COATS SHERWIN WILLIAMS - KEM 4000 ACRYLIC ALKYD ENAMEL SAFETY YELLOW B55Y300
STRIPING - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY TOP COAT SHERWIN WILLIAMS - PRO MAR TRAFFIC MARKING PAINT WHITE TM5494
HANDICAP STRIPING - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY TOP COAT SHERWIN WILLIAMS - PRO MAR TRAFFIC MARKING PAINT "H.C." BLUE

TYPICAL OFF-STREET PARKING DETAIL
NTS

REVISIONS	
DATE	DESCRIPTION



CES

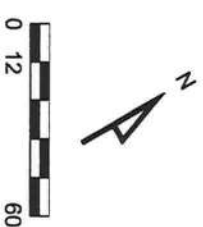
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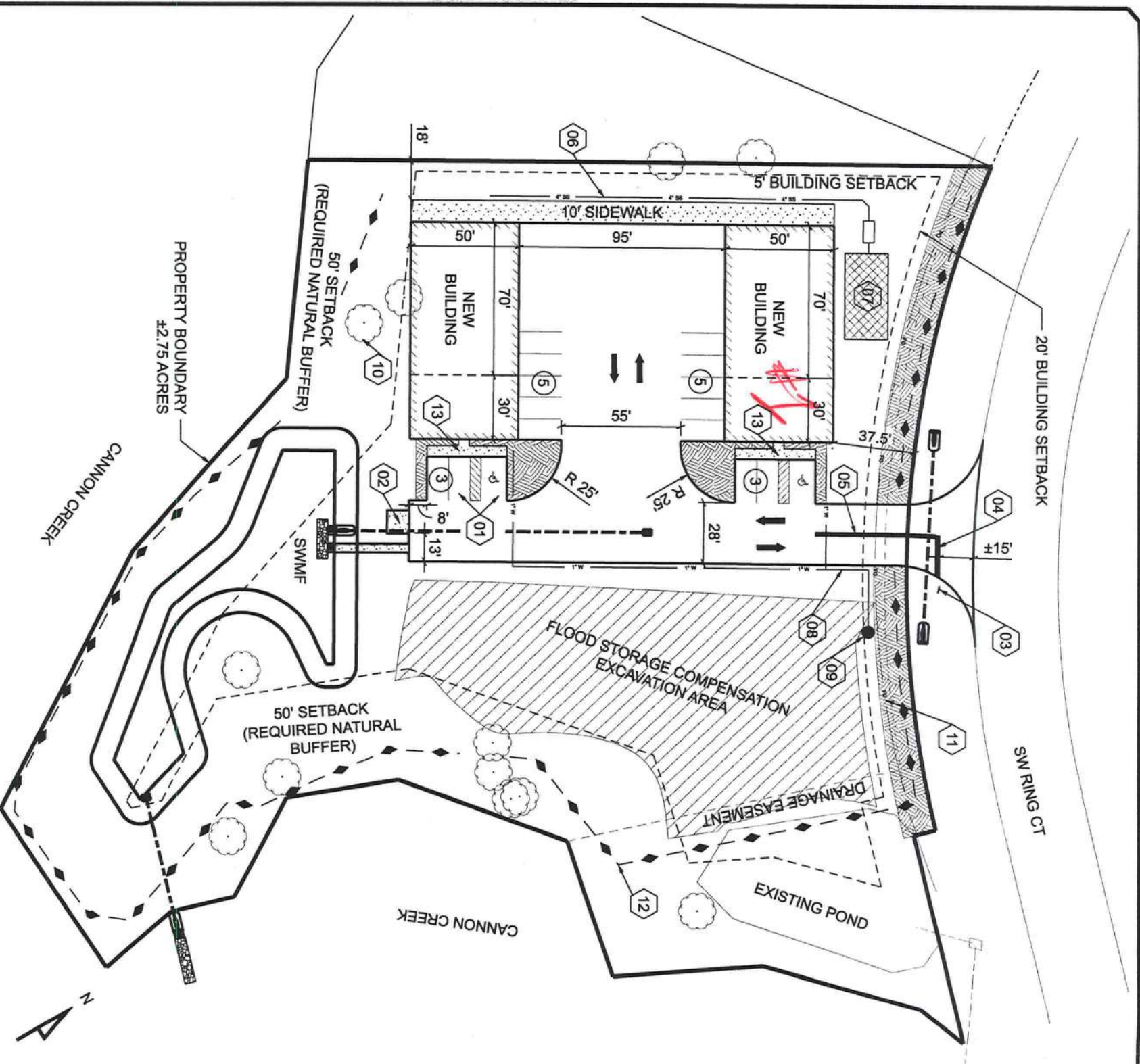
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MISCELLANEOUS NOTES AND DETAILS			SHEET: DET2



1. 26" OAK TREE
2. 18" PECAN TREE
3. 15" OAK TREE
4. 18" OAK TREE
5. 18" OAK TREE
6. 24" OAK TREE
7. 48" OAK TREE
8. 18" OAK TREE
9. 18" OAK TREE
10. 18" OAK TREE
11. 48" OAK TREE
12. 30" HICKORY TREE
13. 30" HICKORY TREE
14. 26" OAK TREE
15. 18" CEDAR TREE
16. 34" OAK TREE
17. 30" OAK TREE
18. 18" OAK TREE
19. 12" OAK TREE
20. 24" PINE TREE

BENCHMARK
ELEVATION = 74.36'

GLOBAL INNOVATION, LLC COMMERCIAL SITE	CES PROJECT NO. 2010-00
EXISTING CONDITIONS	SHEET: SIT1



LANDSCAPING
REQUIRED LANDSCAPED AREA:
10% OF NEW PARKING AREA = 13,875 SF * 10% = 1,388 SF

LANDSCAPE AREA PROVIDED = +2,000 SF

REQUIRED TREES
1 TREE PER 200 SF OF REQUIRED LANDSCAPED AREA
OF REQUIRED TREES = 1,388 / 200 = 7 TREES

NOTES

- 01 OFFSTREET PARKING (TYP.)
SEE DETAILS
- 02 10'X10' CONCRETE DUMPSTER PAD
SEE DETAIL
- 03 30" X 30"
FDOT R1-1 "STOP" SIGN
FDOT INDEX 11860 AND 17302
- 04 24" WHITE STOP BAR
- 05 6" DOUBLE YELLOW
- 06 4" SANITARY GRAVITY,
PLACE CLEANOUTS AS REQUIRED
SEE ARCHITECTURAL PLANS FOR CONTINUATION
- 07 SEPTIC SYSTEM LOCATION
- 08 1" WATER LINE, #270 LF
SEE ARCHITECTURAL PLANS FOR CONTINUATION
- 09 WATER WELL
- 10 EXISTING TREE TO REMAIN (TYP)
SHALL BE PROTECTED DURING CONSTRUCTION
- 11 BURIED FIBER OPTIC CABLE
COORDINATE WITH PROVIDER
PRIOR TO CONSTRUCTION
USE EXTREME CAUTION
- 12 TYPE IV SILT FENCE, #1,100 LF
FDOT INDEX 102
- 13 5' WIDE CONCRETE SIDEWALK

LEGEND

- 10 AVAILABLE PARKING SPACES
- TRAFFIC FLOW
- AREA TO BE LANDSCAPED WITH GRASS,
PLANTS, SHRUBS AND/OR TREES

LAND USE AND ZONING

FUTURE LAND USE: COMMERCIAL
ZONING: COMMERCIAL HIGHWAY INTERCHANGE

DEVELOPMENT DATA

TOTAL SITE AREA = 119,256 SF = 2.74 ACRES
EXISTING CONDITIONS IMPERVIOUS AREAS
NONE

PROPOSED CONDITIONS IMPERVIOUS AREAS
BUILDING (NEW) = 10,000 SF
ASPHALT PAVEMENT (NEW) = 17,900 SF
CONCRETE PAVEMENT (NEW) = 2,200 SF

TOTAL IMPERVIOUS AREA = 30,100 SF (25.23% SITE AREA)
FAR = 10,000 SF / 119,256 SF = 0.083

MINIMUM BUILDING/YARD SETBACKS PER LDR
FRONT YARD = 20'
SIDE YARD = 5'
REAR YARD = 15'

PARKING CALCULATIONS
COMMERCIAL SERVICE (SHOWROOM):
1 SPACE PER 150 SF NON-STORAGE FLOOR AREA
REQUIRED PARKING = 1000 SF / 150 = 7 SPACES

OFFICE SPACE:
1 SPACES PER 500 SF OF FLOOR AREA
REQUIRED PARKING = 2,000 SF / 500 = 4 SPACES

WAREHOUSING AND STORAGE:
1 SPACE PER 1,500 SF OF FLOOR AREA
REQUIRED PARKING = 7,000 SF / 1500 = 5 SPACES

ACCESSIBLE PARKING:
1 PER 25 REQUIRED SPACES = 1 SPACE

STANDARD PARKING PROVIDED = 14 SPACES
ACCESSIBLE PARKING PROVIDED = 2 SPACE

BOUNDARY AND TOPOGRAPHICAL SURVEY
THE BOUNDARY AND TOPOGRAPHICAL SURVEY INFORMATION
SHOWN IN THESE PLANS IS BASED ON A SURVEY BY BRITT
SURVEYING AND ASSOCIATES, INC., LB 7593

ELEVATIONS BASED ON NAVD 88 DATUM

UTILITIES

WATER SERVICE: TO BE PROVIDED BY PRIVATE WELL,
DESIGN AND PERMITTED BY OTHERS

WASTEWATER SERVICE: TO BE PROVIDED BY PRIVATE
ON-SITE SEPTIC SYSTEM, DESIGNED AND PERMITTED BY OTHERS

ELECTRIC SERVICE: PROVIDED BY CONNECTION TO
CLAY ELECTRIC FACILITIES

DRAINAGE

THE PROPOSED STORMWATER MANAGEMENT SYSTEM IS DESIGNED TO
MEET SRWMD RULES AND REGULATIONS AS A DRY RETENTION FACILITY

DRAWN BY:

BC

GLOBAL INNOVATION, LLC
COMMERCIAL SITE

CES PROJECT NO
2010-00

APPROVED BY:

BC

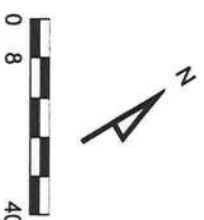
SITE PLAN

SHEET:
SIT2

REVISIONS			
DATE	BY	DESCRIPTION	
06-02-2011	BC	REVISED SITE	

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6/3/2011
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- ### PAVING AND DRAINAGE LEGEND



DENOTES STANDARD DUTY ASPHALT PAVEMENT
 WITH WHITE PARKING STRIPING
 SEE DETAIL

DENOTES CONCRETE PAVEMENT



SECTION	A
NTS	-

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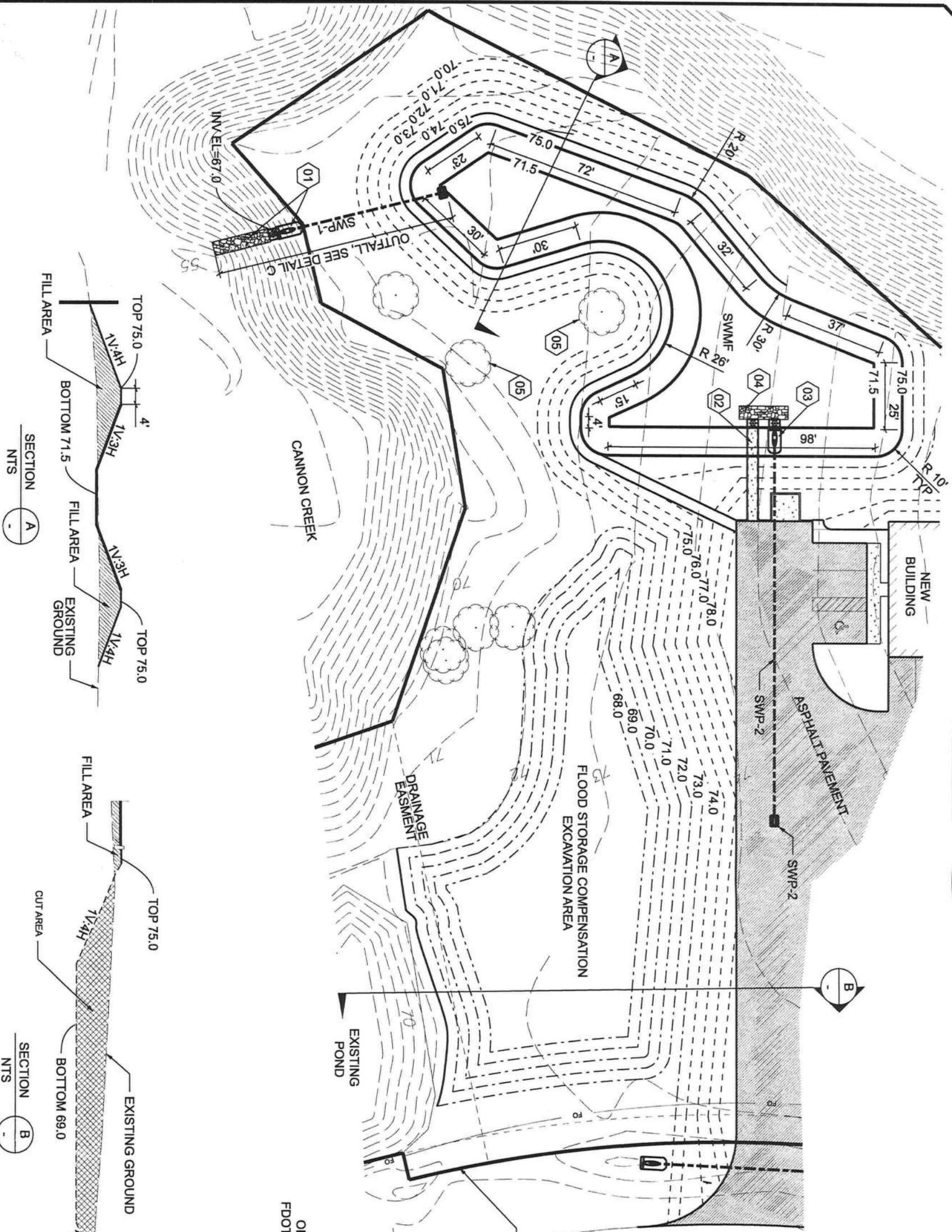
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COMMERCIAL SITE

DAYING AND DRAINAGE

CES PROJECT NUMBER
2010-00

SHEET:



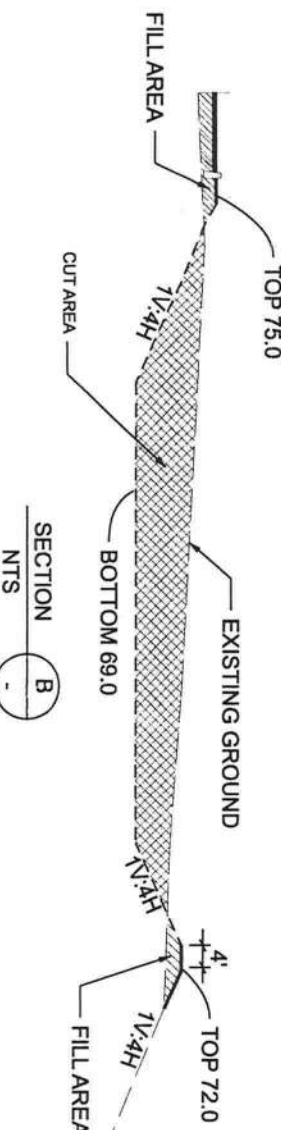
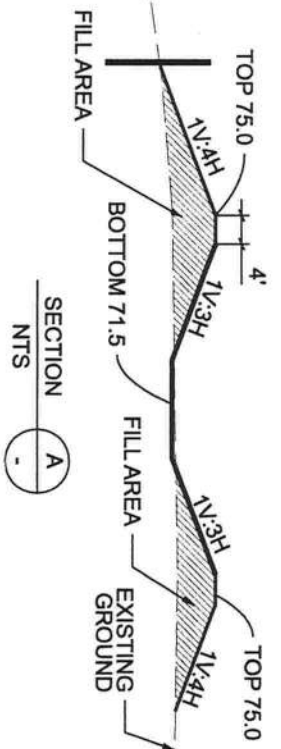
SPECIAL NOTE:

MATERIAL USED FOR SWMF BOTTOM AND SIDE SLOPES SHALL BE SUITABLE FOR DRAINAGE. ANY CLAY ENCOUNTERED SHALL BE REMOVED 2' BEYOND SWMF SURFACE.



NOTES

- 01 CONCRETE MES, FDOT INDEX 272
- 02 CONCRETE FLUME
- 03 CONCRETE MES, FDOT INDEX 272
- 04 20' X 5' RIP RAP
- 05 EXISTING TREE TO REMAIN (TYP) SHALL BE PROTECTED DURING CONSTRUCTION



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
6-2-11	JK	REVISED SWMF			

CES

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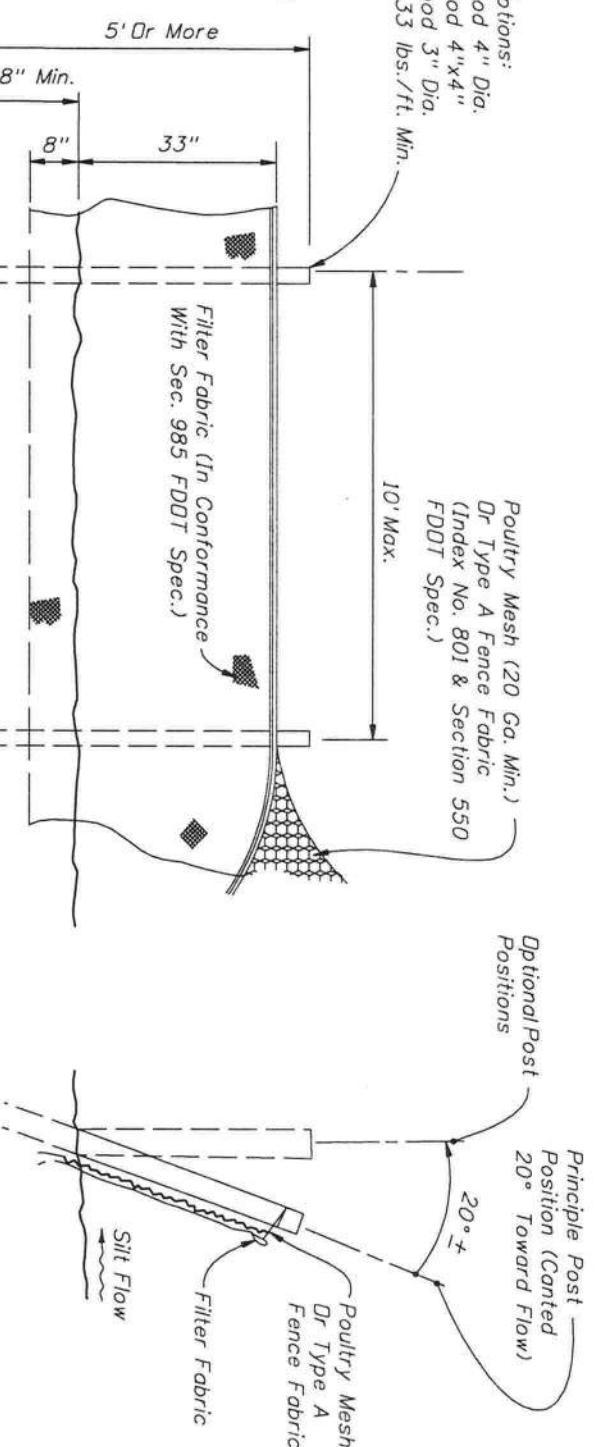
Brett A. Crews, P.E. 65592

GLOBAL INNOVATION, LLC
COMMERCIAL SITE

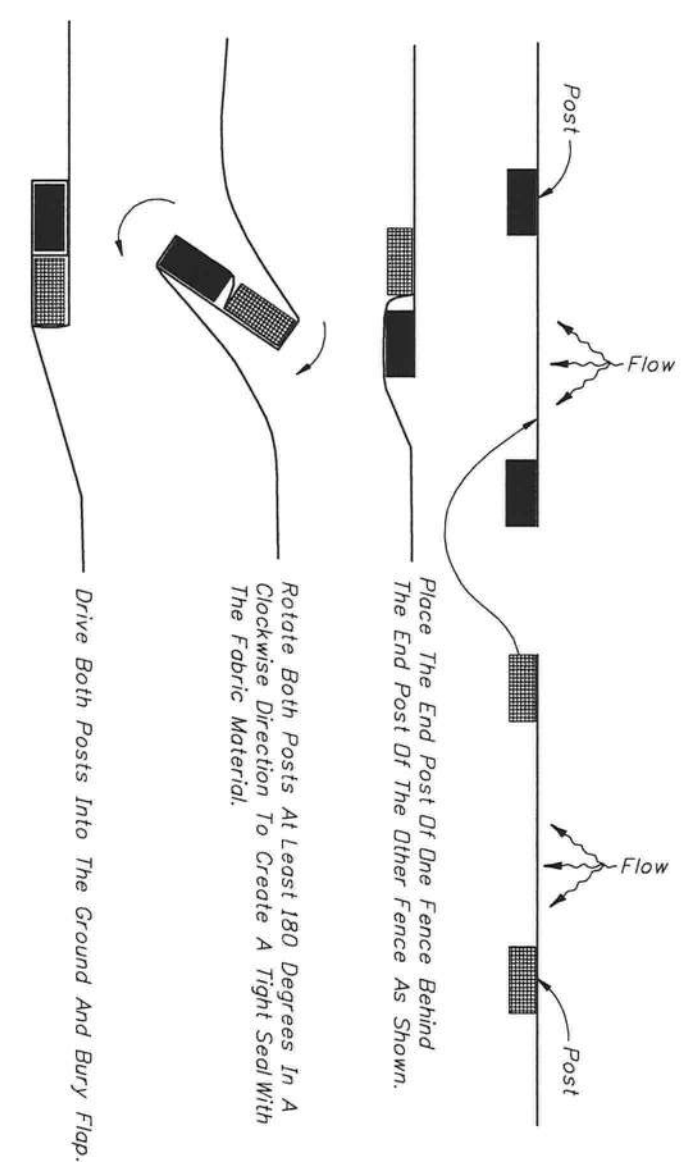
SURFACE WATER
MANAGEMENT SYSTEM

CES PROJECT NO.
2010-00

SHEET:
SWM1



TYPE IV SILT FENCE



PLAN VIEW

JOINING TWO SILT FENCES

NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt Fence shall be in accordance with Chart 1, Sheet 1.
 2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.
 3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
 4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
 5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (L.F.).