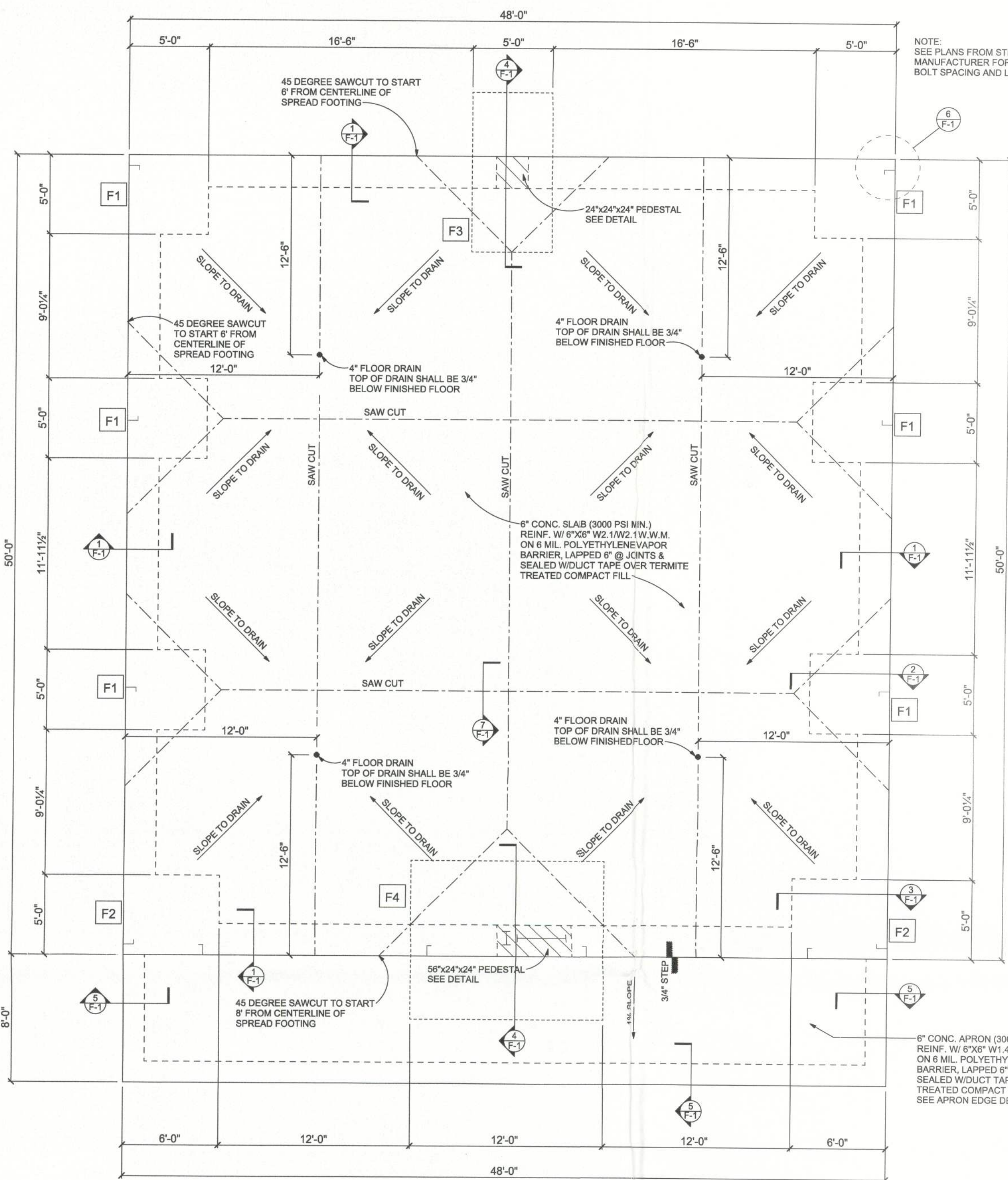
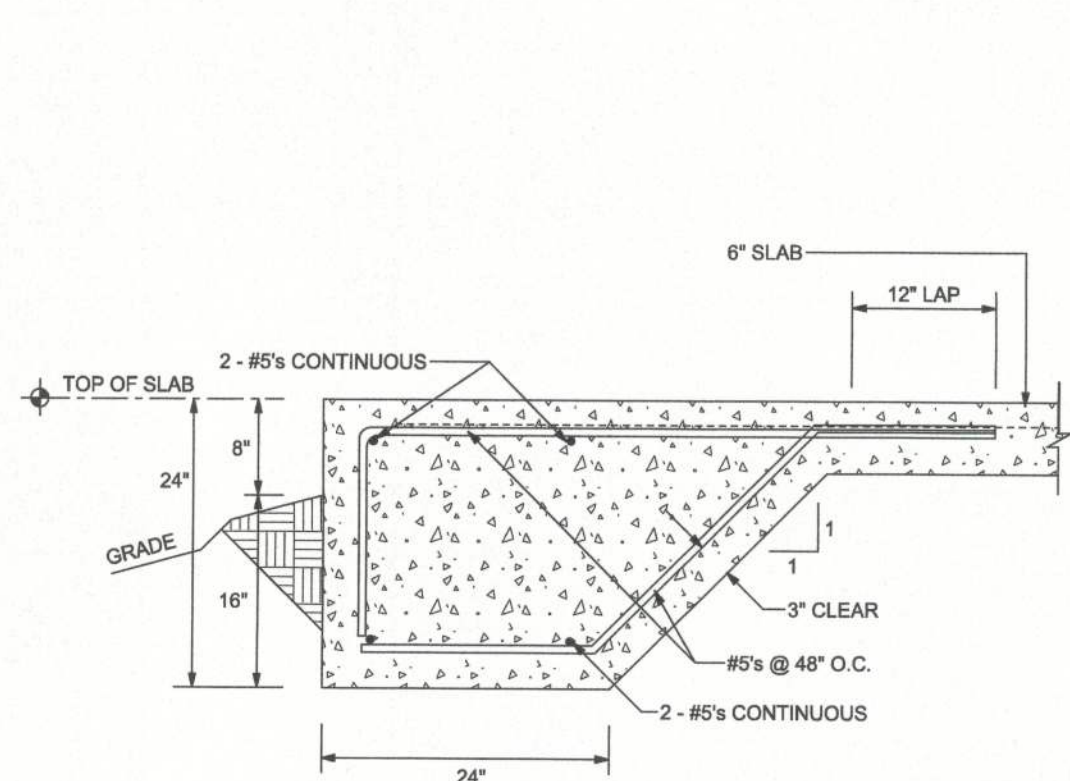
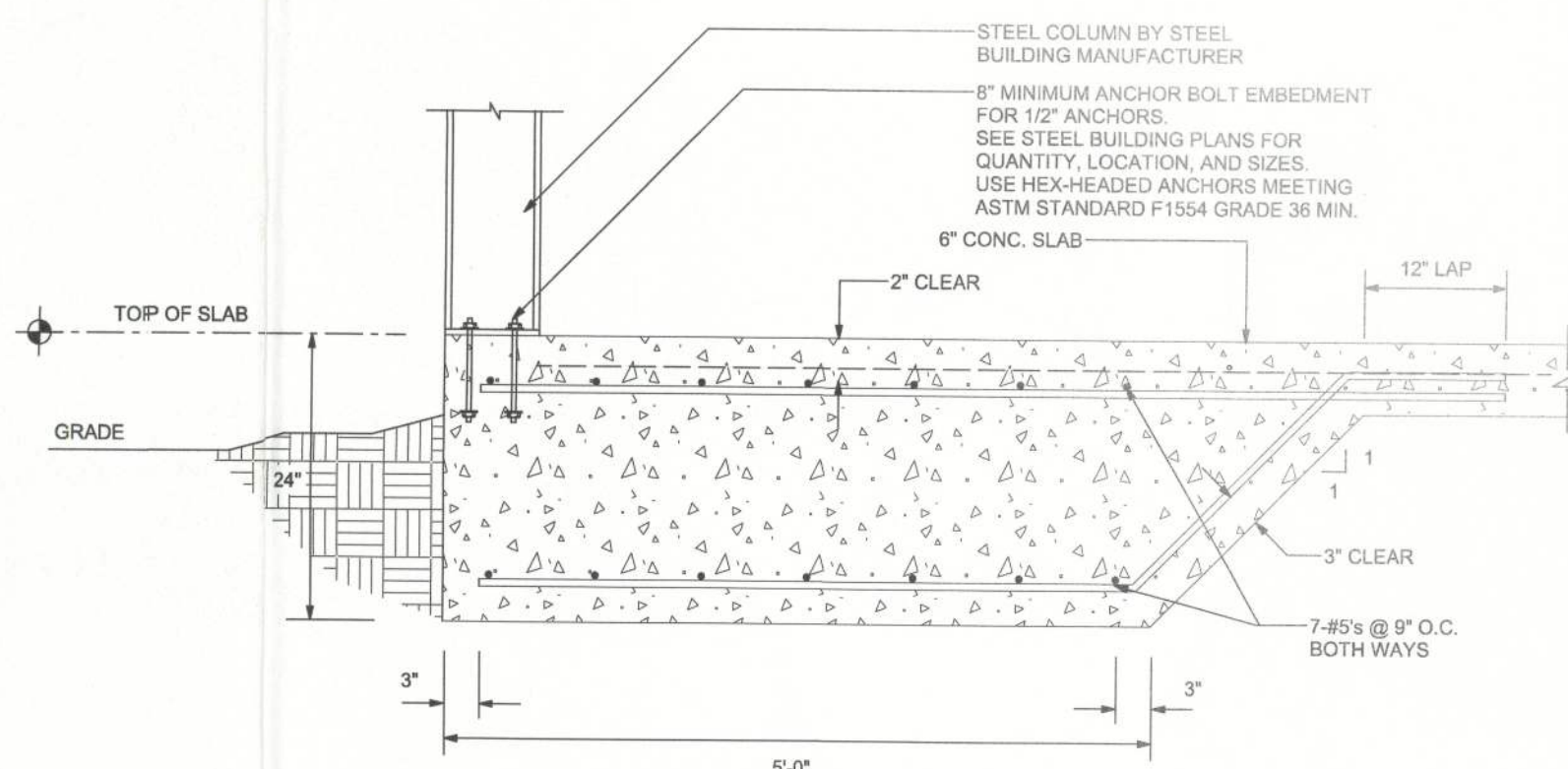




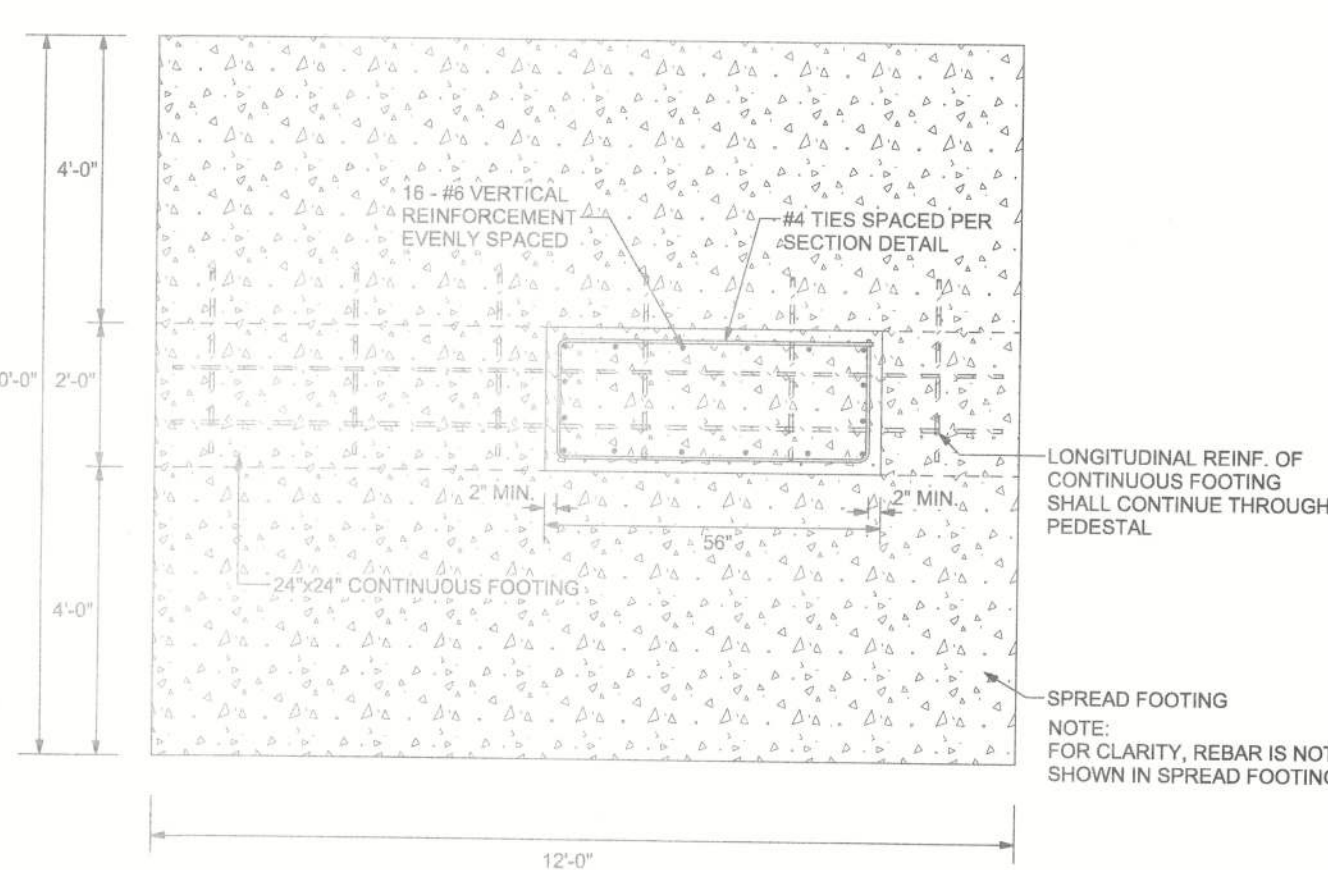
FOUNDATION PLAN
SCALE: 3/16" = 1'-0"



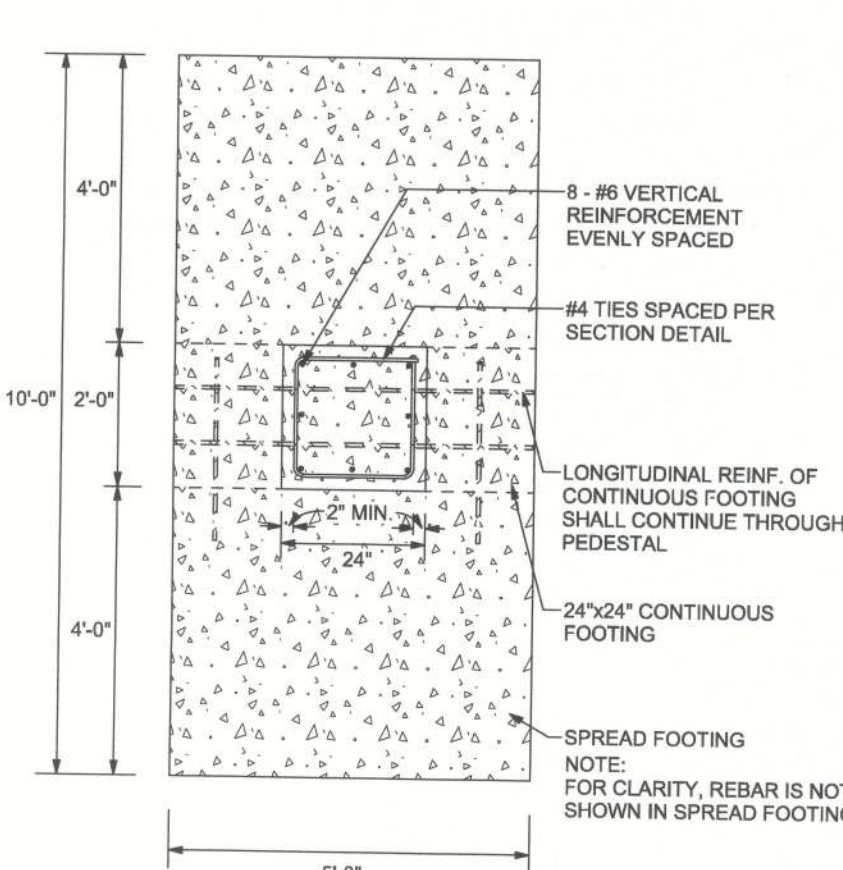
1 FOOTING SECTION
SCALE: 3/4" = 1'-0"



2 FOOTING SECTION
SCALE: 3/4" = 1'-0"

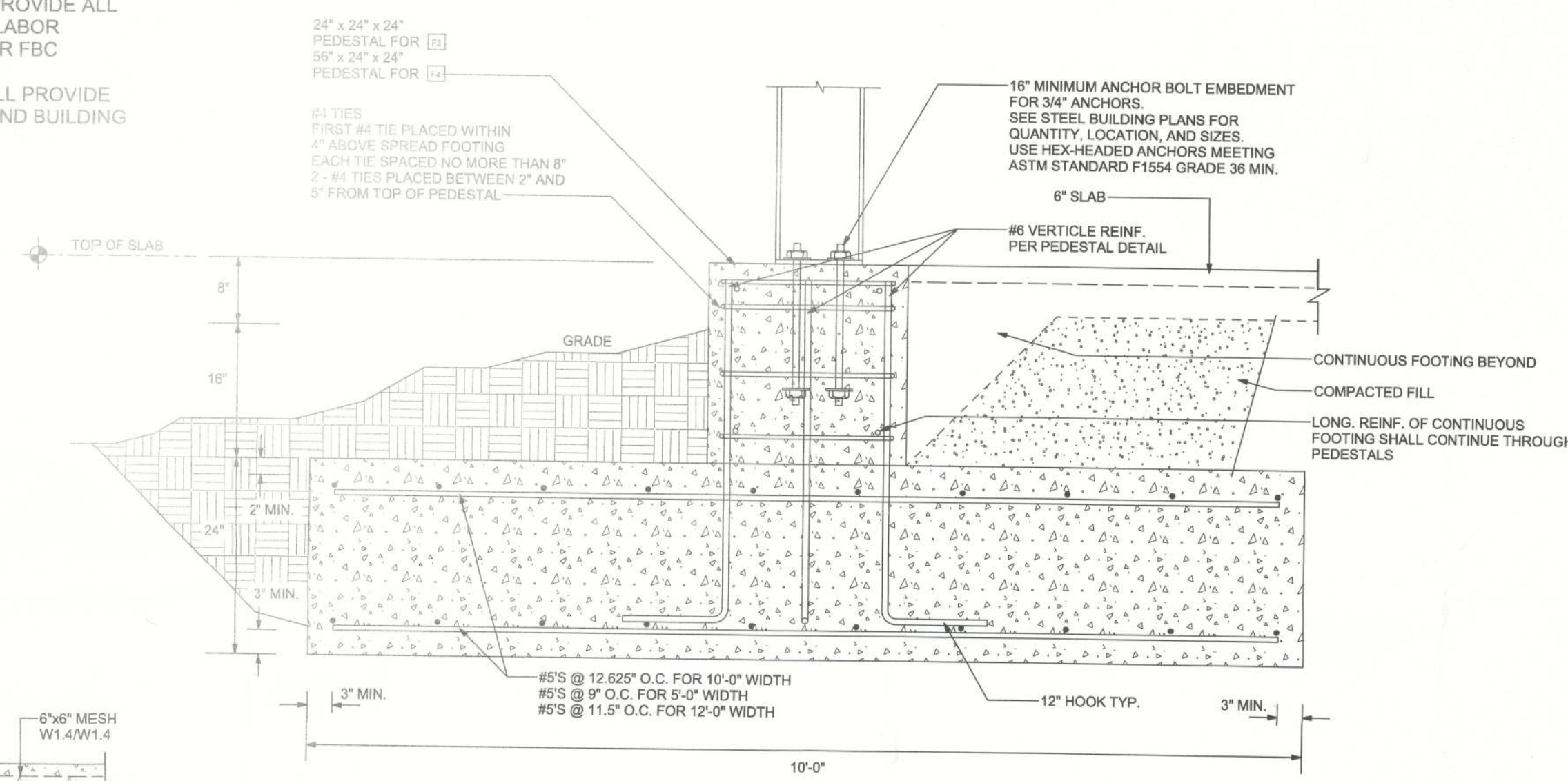


PEDESTAL DETAIL PLAN VIEW F4
SCALE: 3/8" = 1'-0"



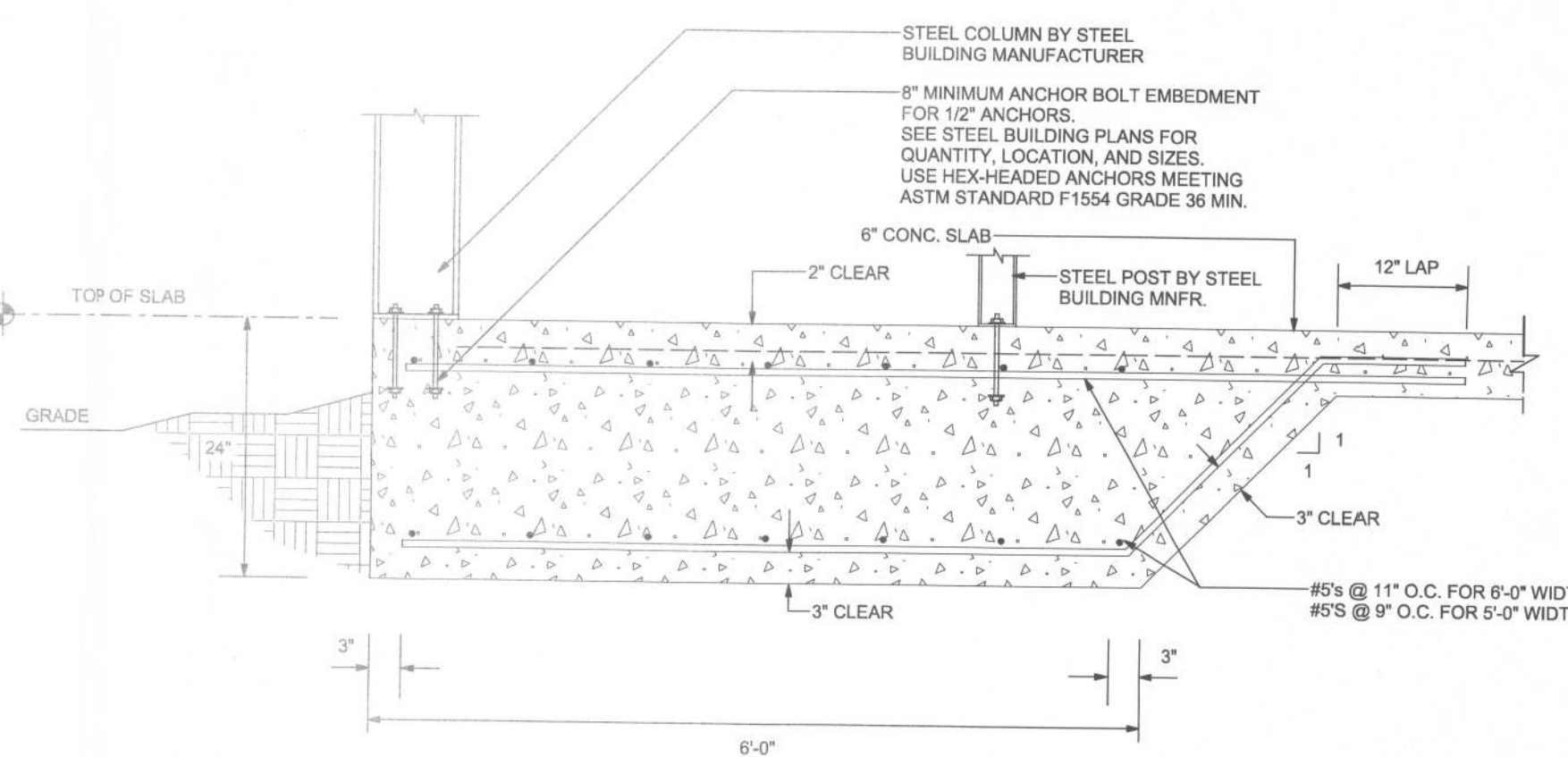
PEDESTAL DETAIL PLAN VIEW F3
SCALE: 3/8" = 1'-0"

PLUMBING NOTES
PLUMBING CONTRACTOR SHALL PROVIDE TRAP PRIMER AT ALL FLOOR DRAINS
COUNTY SHALL PROVIDE FLOOR DRAINS
PLUMBING CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS AND LABOR TO INSTALL FLOOR DRAINS PER FBC
PLUMBING CONTRACTOR SHALL PROVIDE SANITARY WASTE TO 10' BEYOND BUILDING FOUNDATION

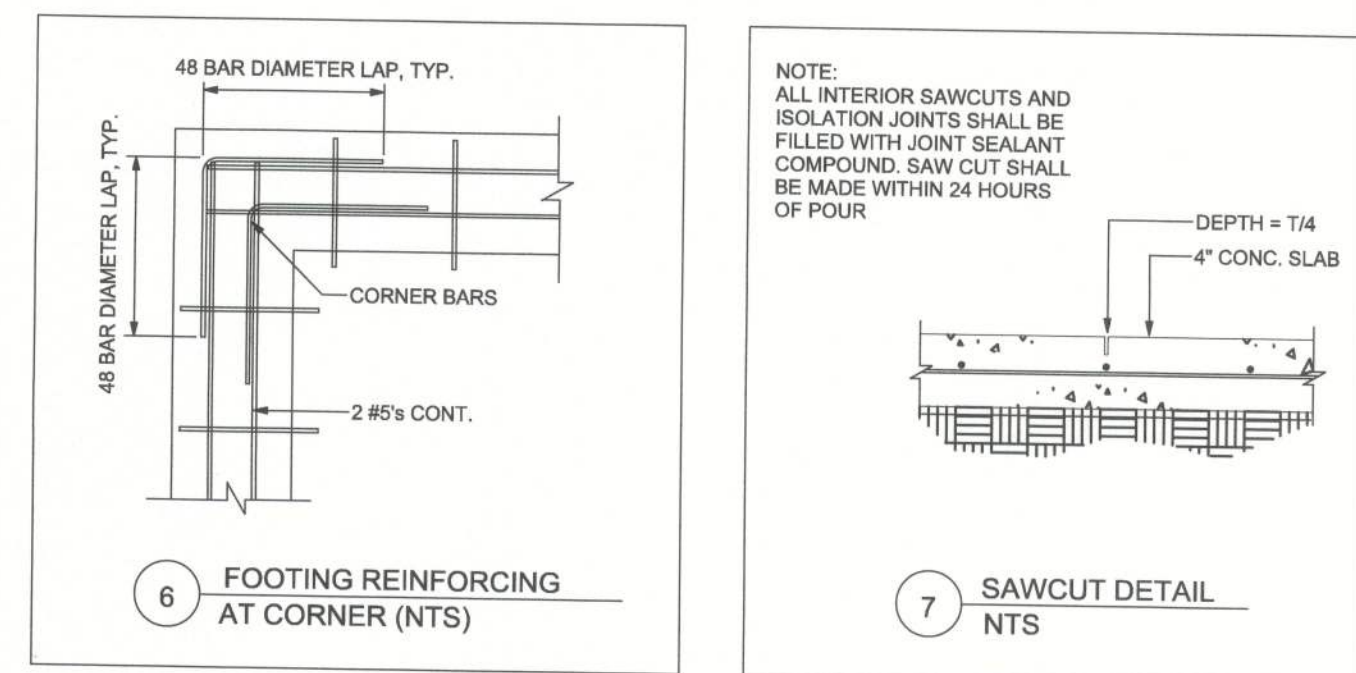


4 FOOTING SECTION
SCALE: 3/4" = 1'-0"
F3 AND F4 SIMILAR

5 APRON EDGE DETAIL
SCALE: 3/4" = 1'-0"



3 FOOTING SECTION
SCALE: 3/4" = 1'-0"



6 FOOTING REINFORCING AT CORNER (NTS)

7 SAWCUT DETAIL (NTS)

- FOUNDATION NOTES**
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
REINFORCING STEEL SHALL BE MINIMUM GRADE 60.
COVER OVER REINFORCING STEEL FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE:
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST THE EARTH OR EXPOSED TO THE EARTH IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1 1/4 INCH FOR FINE GROUT OR 1 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER.
REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:
1. ALL REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.
EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.
GALVANIZATION:
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.
- CONCRETE SLABS ON GRADE:**
1. ALL INTERIOR AND EXTERIOR SLABS AND WALKWAYS AS SHOWN ON THE STRUCTURAL OR ARCHITECTURAL PLANS, SHALL BE FOUR INCHES THICK MINIMUM REINFORCED WITH 6 X 6 - W2.1 X W2.1 WELDED WIRE FABRIC (UNLESS OTHERWISE NOTED).
2. ALL SLABS ON GRADE TO BE CONSTRUCTED IN ACCORDANCE WITH LATEST A.C.I. - "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION" (A.C.I. - 302.1R).
3. JOINTS SHALL BE PROVIDED IN ALL INTERIOR SLABS ON GRADE AT COLUMN CENTER-LINES DIVIDING THE SLAB INTO SQUARE PANELS NOT TO EXCEED 20 FT. IN SIZE. CAST SLAB IN LONG ALTERNATE STRIPS. PROVIDE A CONTRACTION JOINT BETWEEN EACH STRIP. SEE PLAN FOR SAW-CUT, CONTRACTION AND ISOLATION JOINT DETAILS.
4. PROVIDE SAW-CUT JOINTS AT ALL SIDEWALKS AT A MAXIMUM SPACING OF FIVE FEET ON CENTERS AND ISOLATION JOINTS AT 20 FEET O.C. (U.O.N.).
5. FILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12" AND COMPACTED TO 98 % MODIFIED PROCTOR (ASTM D-1557) WITHIN A DISTANCE OF 3 FEET BEYOND ALL FOOTING EDGES. TAKE AT LEAST ONE DENSITY TEST FOR EACH 1,000 SQ.FT. OF AREA AND 12" BELOW SURFACE. SEND RESULTS OF THE TEST TO OWNER, ARCHITECT AND ENGINEER.
6. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY MECHANICAL VIBRATION DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT AND EMBEDDED FIXTURES AND ALL FORMS AND KEYWAYS.
- TERMITE PROTECTION NOTES:**
SOIL CHEMICAL BARRIER METHOD:
1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 154.2.6
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
8. MINIMUM 8 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.8
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 12'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



Donald F. Lee and Associates, Inc.
SURVEYORS - ENGINEERS
140 Northwest Ridgewood Avenue
Lake City, Florida 32055
Certificate of Authorization # 29834
Phone: (386) 755-6166 FAX: (386) 755-6167

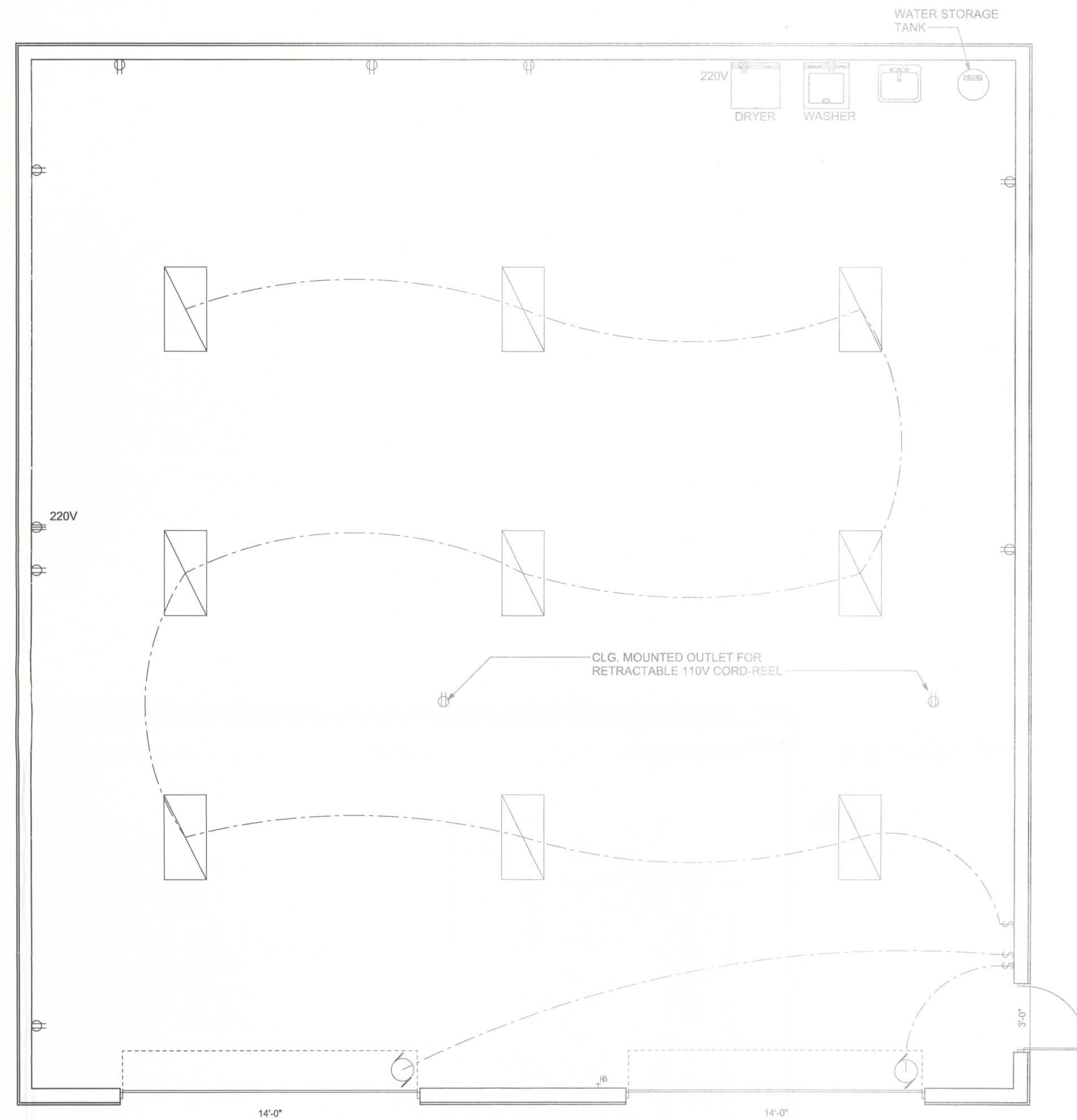
Brett A. Crews, P.E. 65592

DRAWN BY:
TM
APPROVED BY:
BC

COLUMBIA COUNTY FIRE STATIONS - TRUCK BAYS

FOUNDATION PLAN

CES PROJECT NO.:
2013-055
SHEET:
F-1



FIXTURE LOCATIONS
SCALE: 1/4" = 1'-0"

ELECTRICAL	COUNT	SYMBOL
4' ATLAS HIGH BAY FLUORESCENT	9	
OVERHEAD DOOR MOTOR	2	
OUTLET 110	11	
OUTLET 220V	2	
SWITCH	3	

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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Lake City, Florida 32055
Certificate of Authorization # 29834
Phone: (386) 755-6166 FAX: (386) 755-6167

Brett A. Crews
10-25-2013

Brett A. Crews, P.E. 65592

DRAWN BY:

TM

APPROVED BY:

BC

**COLUMBIA COUNTY
FIRE STATIONS - TRUCK BAYS**

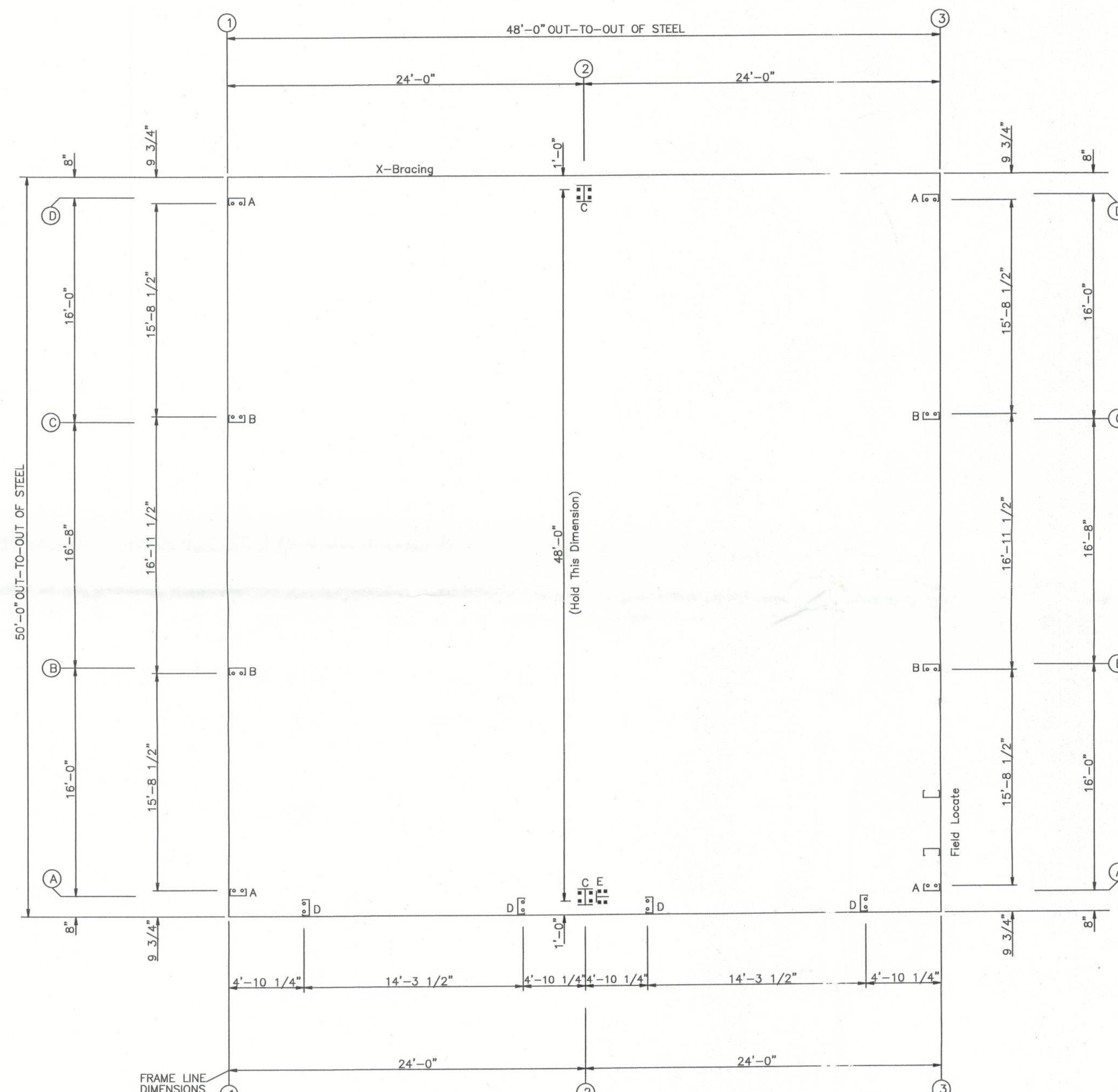
FIXTURE LAYOUT

CES PROJECT NO.:

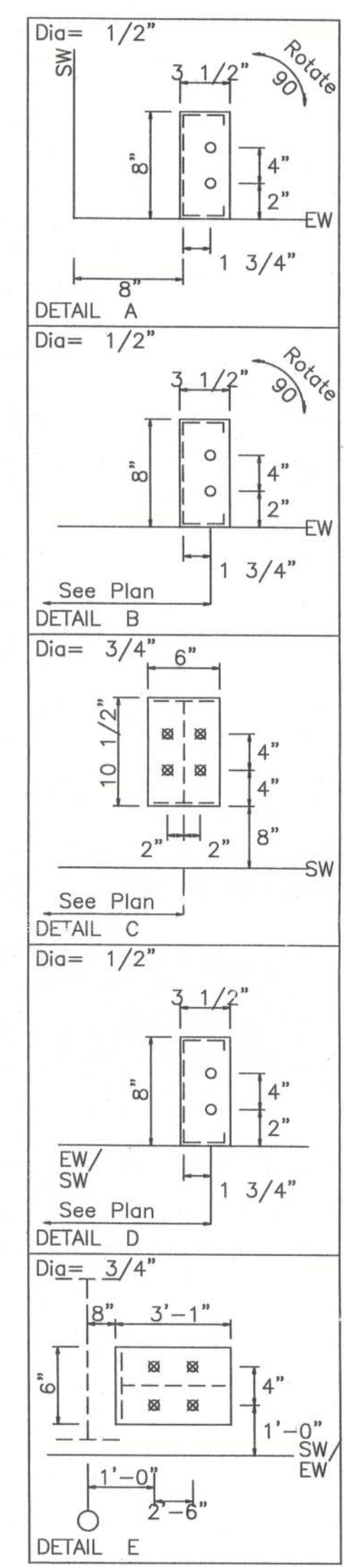
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SHEET:

E-1



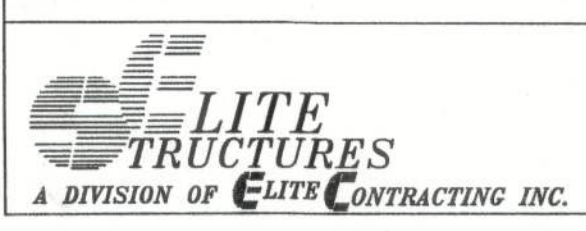
ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)



DESIGN CRITERIA

BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	10 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY:	IV
SEISMIC USE GROUP:	I
ENCLOSURE CLASSIFICATION:	ENCLOSED

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P.E. # 54419



PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S.	DATE: 10-08-13
DRAWN BY: E KELLEY	SALES: J RAGLAND
BUILDING SIZE:	50'X48'X16'

REVISION	DATE

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

PLAN:
ANCHOR BOLT PLAN

JOB # 8900-AB
SHEET 1 OF 11



10-10-17

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	50.0
Length (ft)	=	48.0
Eave Height (ft)	=	16.0/ 16.0
Roof Slope (rise/12)	=	2.0/ 2.0
Dead Load (psf)	=	2.5
Collateral Load (psf)	=	1.0
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	12.0
Wind Speed (mph)	=	130.0
Wind Code	=	FBC 10 (IBC 12)
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.15
Importance Seismic	=	1.50
Seismic Zone	=	C
Seismic Coeff (Fa/Ss)	=	0.17

ID Description

1	Dead+Collateral+Live
2	0.6Dead+0.6Wind_Left1
3	0.6Dead+0.6Wind_Right1
4	0.6Dead+0.6Wind_Long1
5	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
6	0.6Dead+0.6Wind_Left2+0.6Wind_Suction
7	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1
8	0.6Dead+0.6Wind_Right2+0.6Wind_Suction
9	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2
10	0.6Dead+0.6Wind_Right1+0.6Wind_Suction

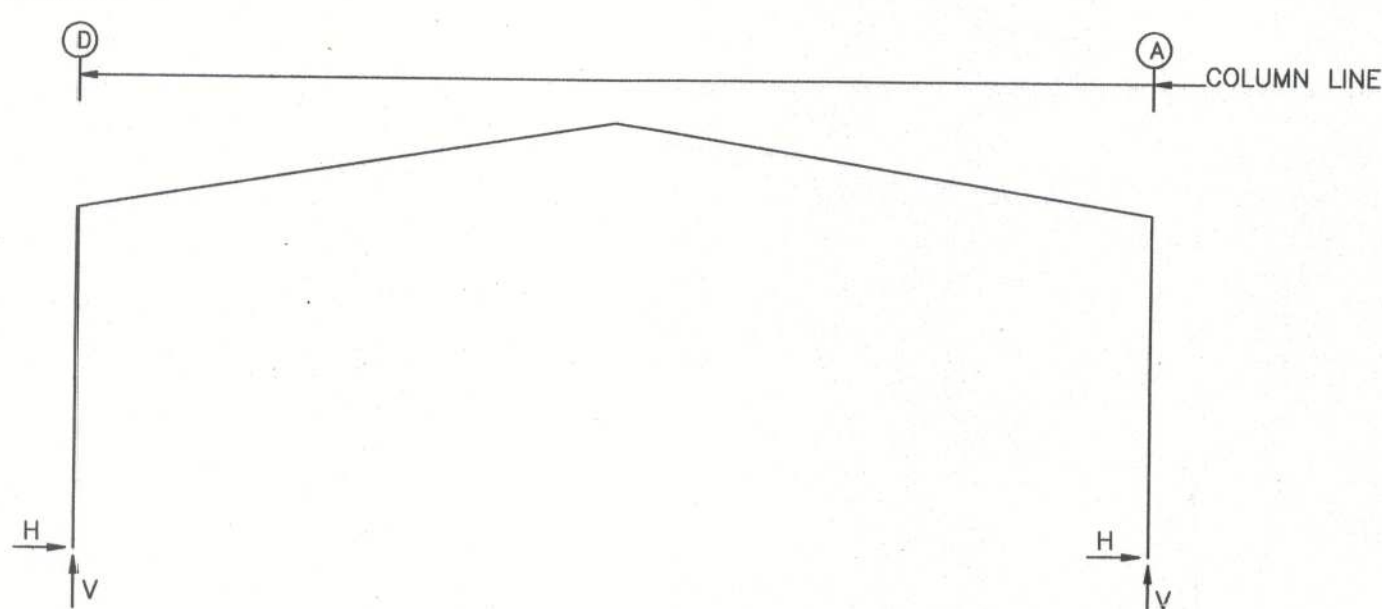
ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type
8	Jamb	1/2"	
16	Endwall	1/2"	
8	Frame	3/4"	
4	WindCol	3/4"	

BUILDING BRACING REACTIONS

		± Reactions (k)				Panel Shear (lb/ft)	
Wall Loc	Line	Wind	Seismic	Horz	Vert	Wind	Seis
L_EW	1					45	2
F_SW	A	Wind	Column In Wall			42	2
R_EW	3						
B_SW	D	2.1	4.7	2.7	0.3	0.2	

FRAME LINES: 2



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

Frm Line	Col Line	Column Reactions (k)						Anc. Qty	Bolt Dia	Base_Plate (in)			Grout (in)
		Load ID	Hmax H	V Vmax	Load ID	Hmin H	V Vmin			Width	Length	Thick	
2	D	1	5.1	12.3	2	-5.0	-8.5	4	0.750	6.000	10.50	0.500	0.0
2	A	3	5.0	-8.5	1	-5.1	12.3	4	0.750	6.000	10.50	0.500	0.0
		1	-5.1	12.3	3	5.0	-8.5						

RIGID FRAME: BASIC COLUMN REACTIONS (k)

		Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
Frame Line	Column Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2	D	1.0	2.5	0.3	0.8	3.8	9.0	-9.3	-16.7	-0.7	-11.2	-8.7	-9.7
2	A	-1.0	2.5	-0.3	0.8	-3.8	9.0	0.7	-11.2	9.3	-16.7	0.1	-4.3
		Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right		Seismic_Long	
Frame Line	Column Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2	D	-0.1	-4.3	-1.2	-17.7	-2.3	-15.2	-0.3	-0.2	0.3	0.2	0.0	-0.4
2	A	8.7	-9.7	2.3	-12.5	1.2	-14.9	-0.3	0.2	0.3	-0.2	0.0	0.0

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

		Dead	Collat	Live	Wind Left1	Wind Right1	Wind Left2	Wind Right2	Wind Press	Wind Suction	Wind Long1	Wind Long2	Seis Left
Frm Line	Col Line	Vert	Vert	Vert	Vert	Vert	Vert	Vert	Horz	Horz	Vert	Vert	Vert
1	D	0.3	0.1	1.7	-2.3	-1.5	-2.2	-1.3	0.0	0.0	-1.9	-1.2	0.0
1	C	0.8	0.2	4.4	-6.2	-4.0	-6.4	-4.1	-3.3	3.6	-4.8	-3.1	0.0
1	B	0.8	0.2	4.4	-6.2	-4.1	-6.4	-4.1	-3.3	3.6	-4.8	-3.1	0.0
1	A	0.3	0.1	1.7	-1.5	-2.3	-1.3	-2.2	0.0	0.0	-1.2	-1.9	0.0
3	A	0.3	0.1	1.7	-2.3	-1.5	-2.2	-1.3	0.0	0.0	-1.2	-1.9	0.0
3	B	0.8	0.2	4.4	-6.2	-4.0	-6.4	-4.1	-3.3	3.6	-4.8	-3.1	0.0
3	C	0.8	0.2	4.4	-6.2	-4.1	-6.4	-4.1	-3.3	3.6	-4.8	-3.1	0.0
3	D	0.3	0.1	1.7	-1.5	-2.3	-1.3	-2.2	0.0	0.0	-1.2	-1.9	0.0
		Seis Right											
Frm Line	Col Line	Vert	Vert										
1	D	0.0	0.0										
1	C	0.0	0.0										
1	B	0.0	0.0										
1	A	0.0	0.0										
3	A	0.0	0.0										
3	B	0.0	0.0										
3	C	0.0	0.0										
3	D	0.0	0.0										

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

Frm Line	Col Line	Column Reactions (k)						Anc. Qty	Bolt Dia	Base_Plate (in)			Grout (in)
		Load ID	Hmax H	V Vmax	Load ID	Hmin H	V Vmin			Width	Length	Thick	
1	D	5 1	0.0 0.0	-1.2 2.1	5	0.0	-1.2	2	0.500	3.500	8.000	0.250	0.0
1	C	6 1	2.1 0.0	-3.4 5.4	7 6	-2.0 2.1	-2.4 -3.4	2	0.500	3.500	8.000	0.250	0.0
1	B	8 1	2.1 0.0	-3.4 5.4	9 8	-2.0 2.1	-2.4 -3.4	2	0.500	3.500	8.000	0.250	0.0
1	A	10 1	0.0 0.0	-1.2 2.1	10	0.0	-1.2	2	0.500	3.500	8.000	0.250	0.0
3	A	5 1	0.0 0.0	-1.2 2.1	5	0.0	-1.2	2	0.500	3.500	8.000	0.250	0.0
3	B	6 1	2.1 0.0	-3.4 5.4	7 6	-2.0 2.1	-2.4 -3.4	2	0.500	3.500	8.000	0.250	0.0
3	C	8 1	2.1 0.0	-3.4 5.4	9 8	-2.0 2.1	-2.4 -3.4	2	0.500	3.500	8.000	0.250	0.0
3	D	10 1	0.0 0.0	-1.2 2.1	10	0.0	-1.2	2	0.500	3.500	8.000	0.250	0.0

WIND COLUMN REACTIONS

		± Reactions		Moment		Anc. Bolt		Base_Plate (in)		
Wall Loc	Line	Horz (k)	Vert (k)	(f-k)	(f-k)	Qty	Dia	Width	Length	Thick
F_SW	A	4.7	27.3	66.5	15.4	4	0.750	6.000	37.000	0.500
		1.1	6.3							



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2149 NELL PURVIS ROAD
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P E # 54419

DESIGN CRITERIA

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LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY:	IV
SEISMIC USE GROUP:	I
ENCLOSURE CLASSIFICATION:	ENCLOSED



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P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S.	DATE: 10-08-13
DRAWN BY: E KELLEY	SALES: J RAGLAND
BUILDING SIZE:	50'X48'X16'

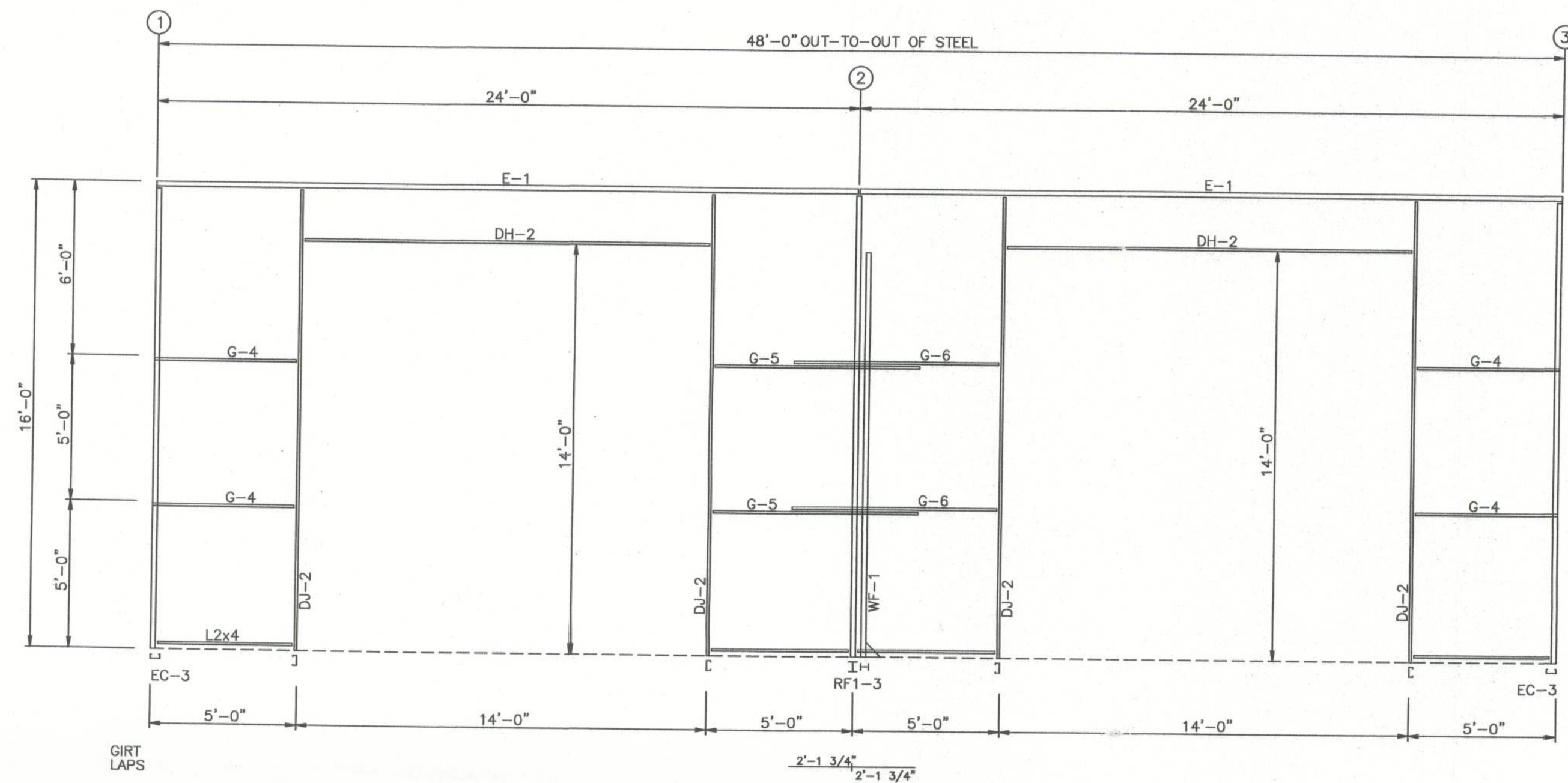
REVISION	
DATE:	

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS, INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

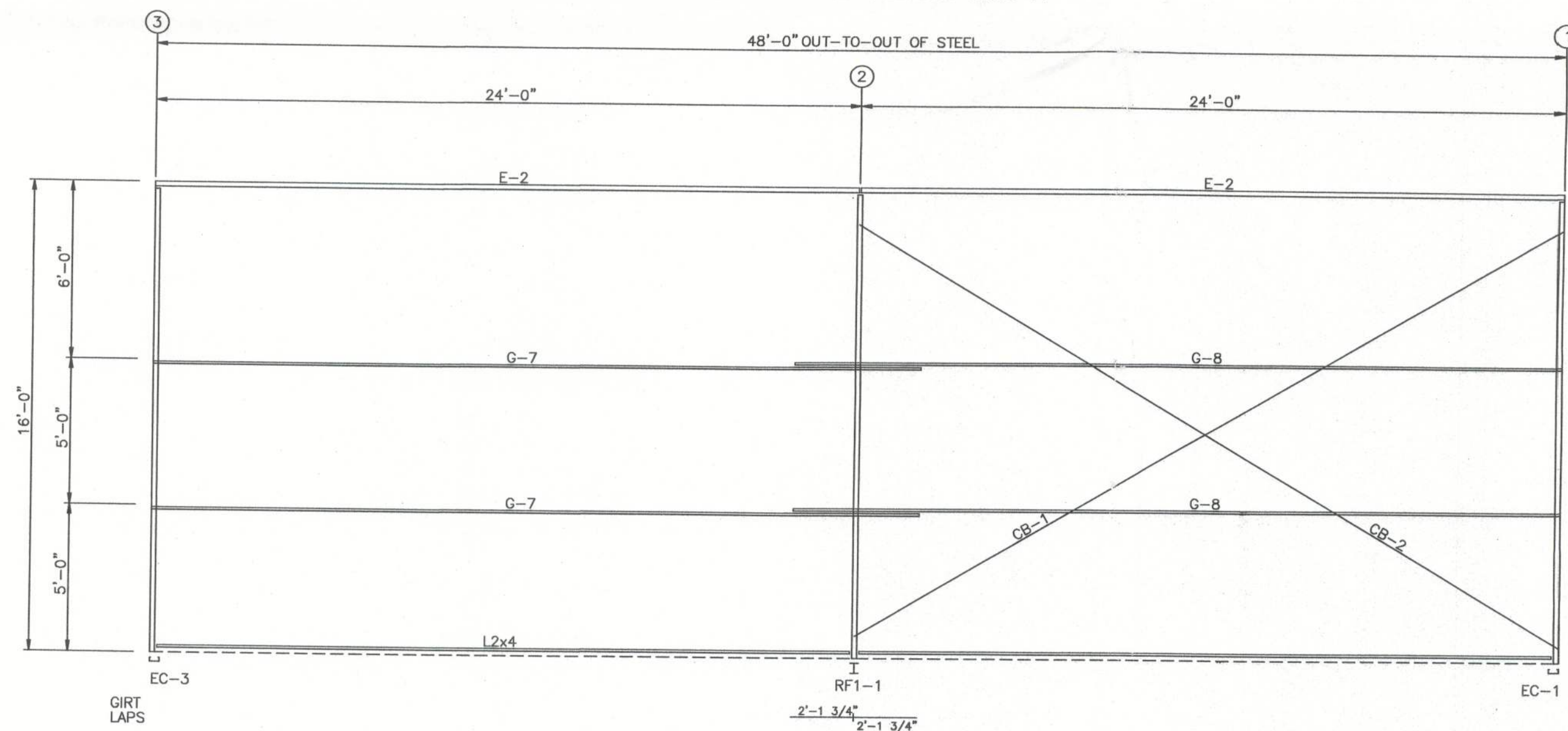
PLAN:
COLUMN REACTIONS

JOB # 8900-CR
SHEET 2 OF 11

10-10-13



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE D

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

MEMBER TABLE			
FRAME LINE A & D			
QUAN	MARK	PART	LENGTH
1	WF-1	W8X18	14'-0"
4	DJ-2	8X35C14	15'-5 1/4"
2	DH-2	8X35C14	13'-11 1/2"
2	E-1	8E214L2	23'-11 1/2"
2	E-2	8E214L2	23'-11 1/2"
4	G-4	8X25Z16	4'-8"
2	G-5	8X25Z16	6'-10"
2	G-6	8X25Z16	6'-10"
2	G-7	8X25Z16	26'-1 1/2"
2	G-8	8X25Z16	26'-1 1/2"
1	CB-1	1/4_CBL	27'-10"
1	CB-2	1/4_CBL	28'-3"

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P.E. # 54419

DESIGN CRITERIA		
BUILDING CODE:	FBC	2010
LIVE LOAD TO FRAMES:	12	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	1	PSF
SNOW LOAD:	0	PSF
WIND LOAD: (3 SECOND GUST)	130	MPH
WIND IMPORTANCE FACTOR:	1.15	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	IV	
SEISMIC USE GROUP		
ENCLOSURE CLASSIFICATION	ENCLOSED	



ELITE
STRUCTURES
A DIVISION OF ELITE CONTRACTING INC.

PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

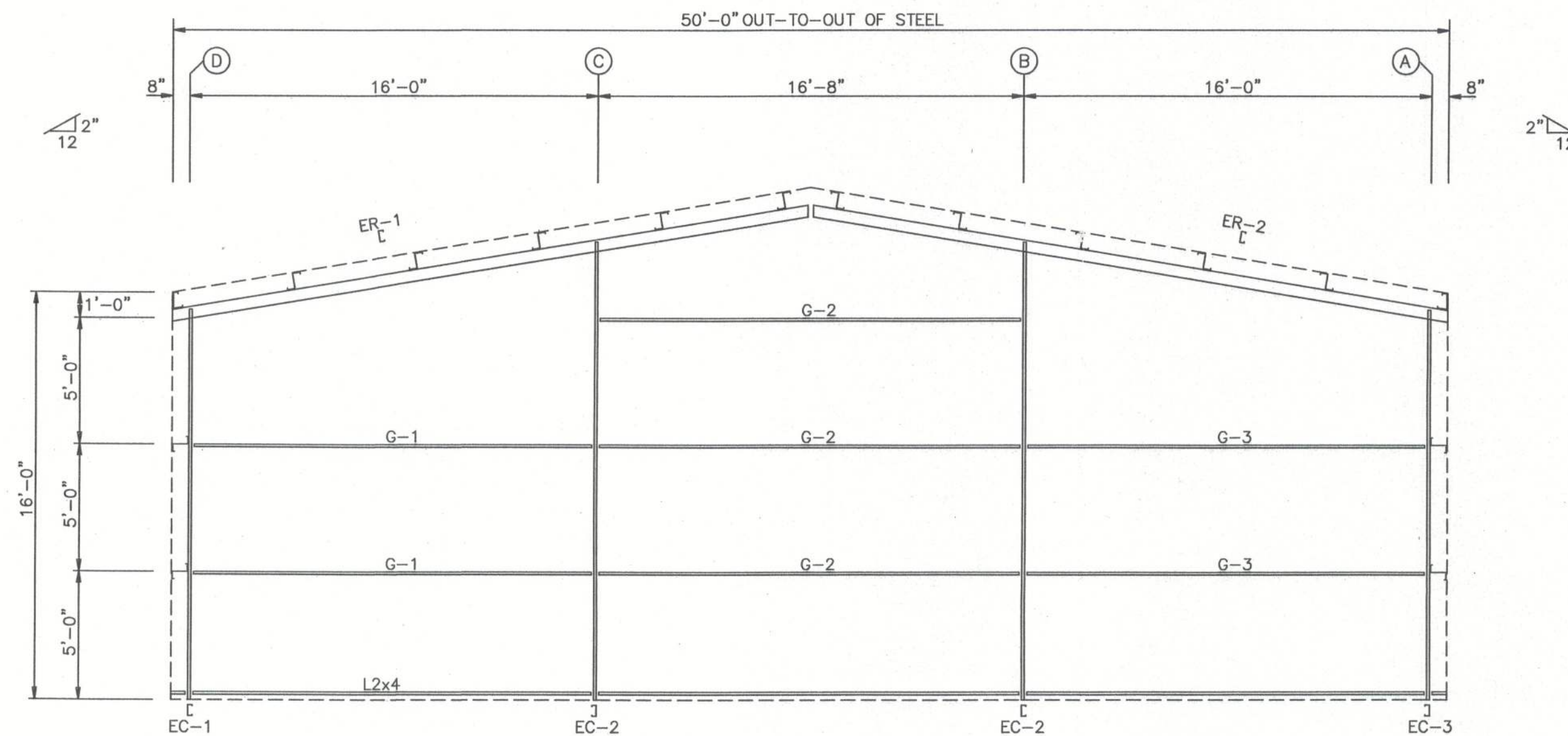
REVISION
DATE:

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

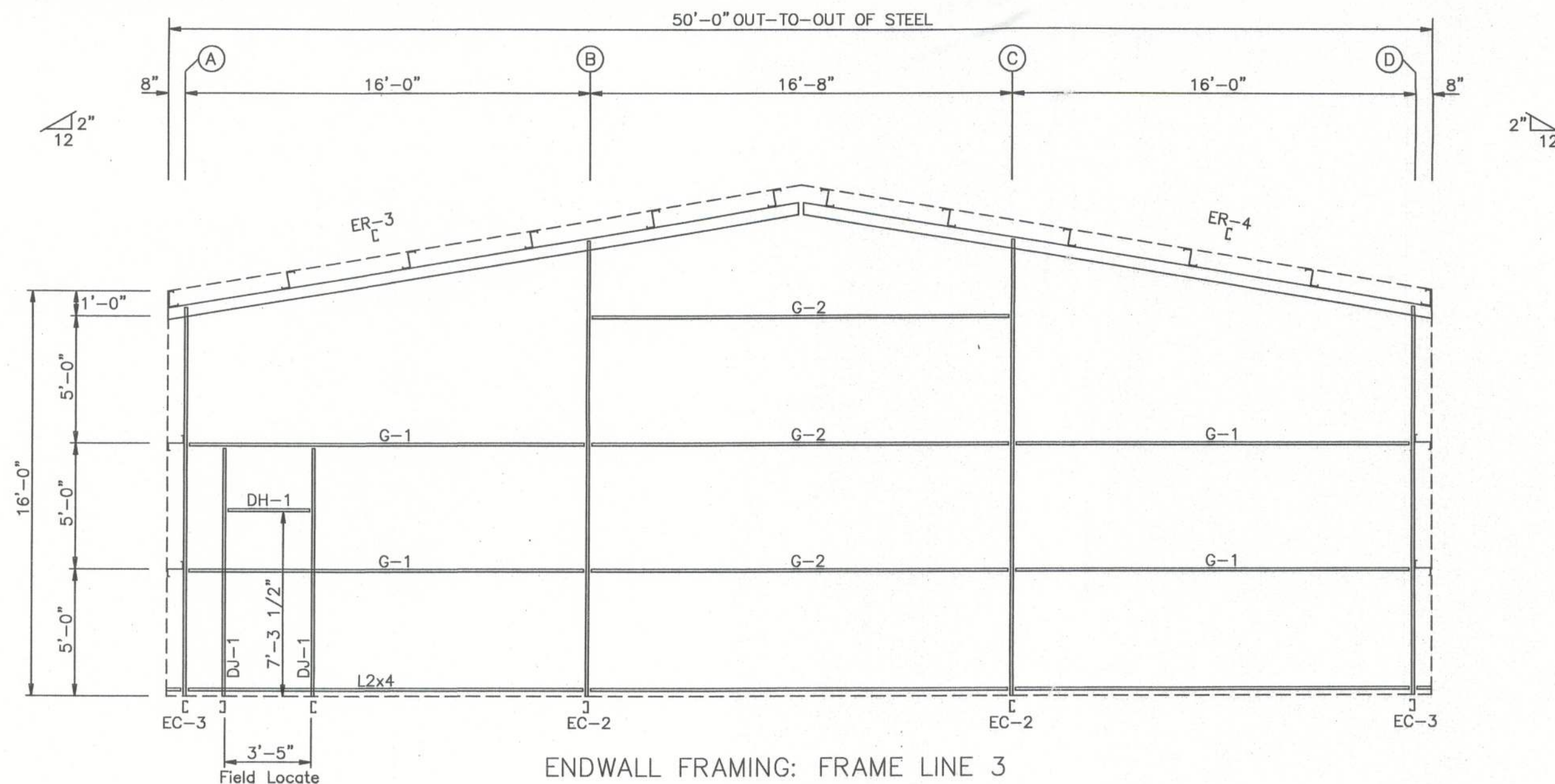
PLAN:
SIDEWALL FRAMING

JOB # 8900-SF
SHEET 3 OF 11

10-10-13



ENDWALL FRAMING: FRAME LINE 1



ENDWALL FRAMING: FRAME LINE 3

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

MEMBER TABLE		
FRAME LINE 1 & 3		
MARK	PART	LENGTH
EC-1	8X35C14	15'-5 1/2"
EC-2	8X35C12	18'-0 15/16"
EC-3	8X35C14	15'-5 1/2"
ER-1	8X35C12	24'-9 1/16"
ER-2	8X35C12	24'-9 1/16"
ER-3	8X35C12	24'-9 1/16"
ER-4	8X35C12	24'-9 1/16"
DJ-1	8X25C14	10'-0"
DH-1	8X25C14	3'-4 1/2"
G-1	8X25Z16	15'-4 1/2"
G-2	8X25Z16	16'-7 1/2"
G-3	8X35Z16	15'-4 1/2"

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
PE # 54419

DESIGN CRITERIA

BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY:	IV
SEISMIC USE GROUP:	I
ENCLOSURE CLASSIFICATION	ENCLOSED

PLAN:

ENDWALL FRAMING

JOB # 8900-EF

SHEET 4 OF 11



10-10-13

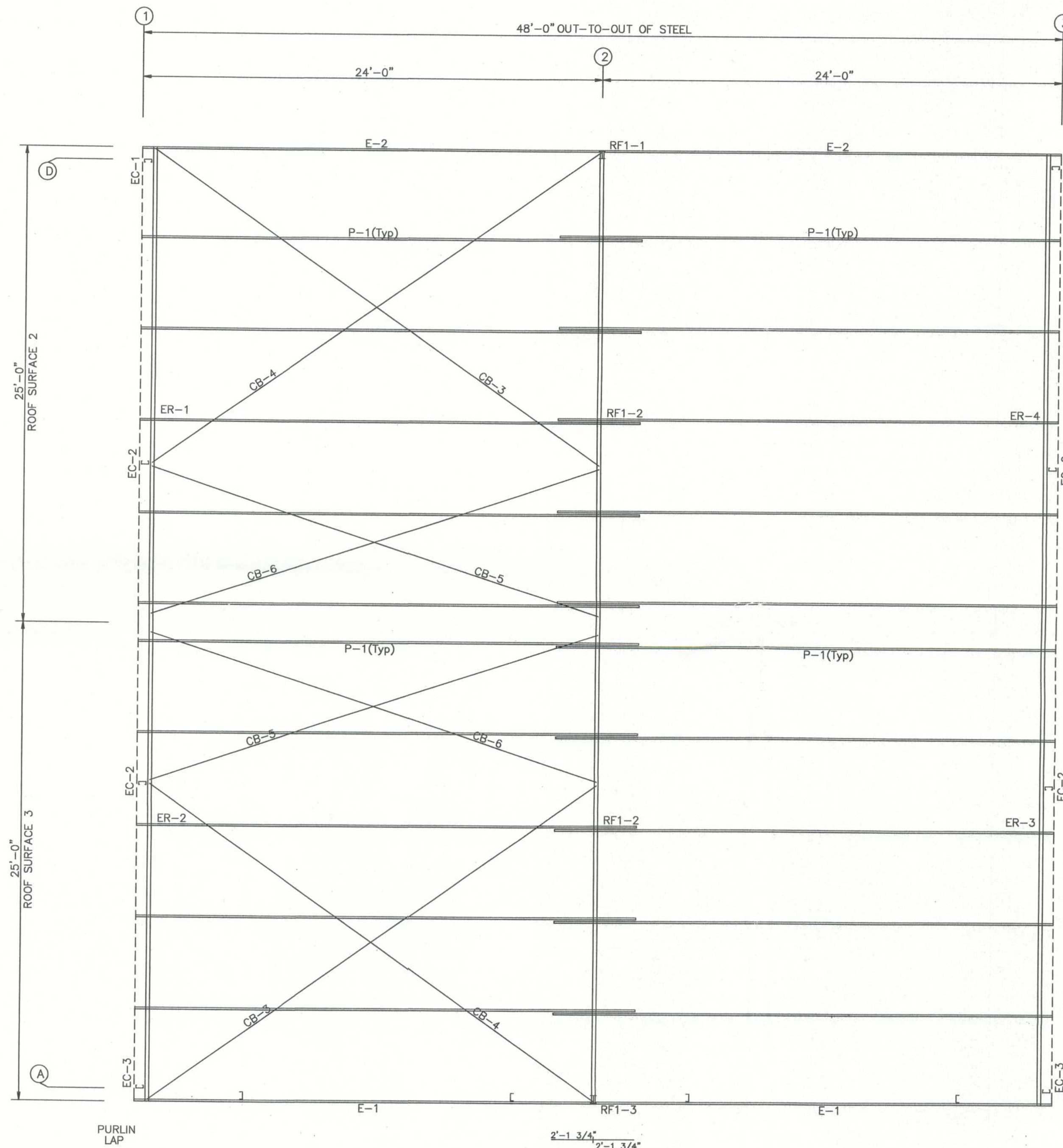
LITE TRUCTURES
A DIVISION OF ELITE CONTRACTING INC.

PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

REVISION

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL



ROOF FRAMING PLAN

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	8X25Z14	26'-1 1/2"
E-1	8E214L2	23'-11 1/2"
E-2	8E214L2	23'-11 1/2"
CB-3	1/4_CBL	28'-4"
CB-4	1/4_CBL	28'-8"
CB-5	1/4_CBL	25'-4"
CB-6	1/4_CBL	25'-3"

DESIGN CRITERIA

BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COL LATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY:	IV
SEISMIC USE GROUP:	ENCLOSURE CLASSIFICATION
ENCLOSURE CLASSIFICATION:	ENCLOSURE

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
PE # 54419



PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

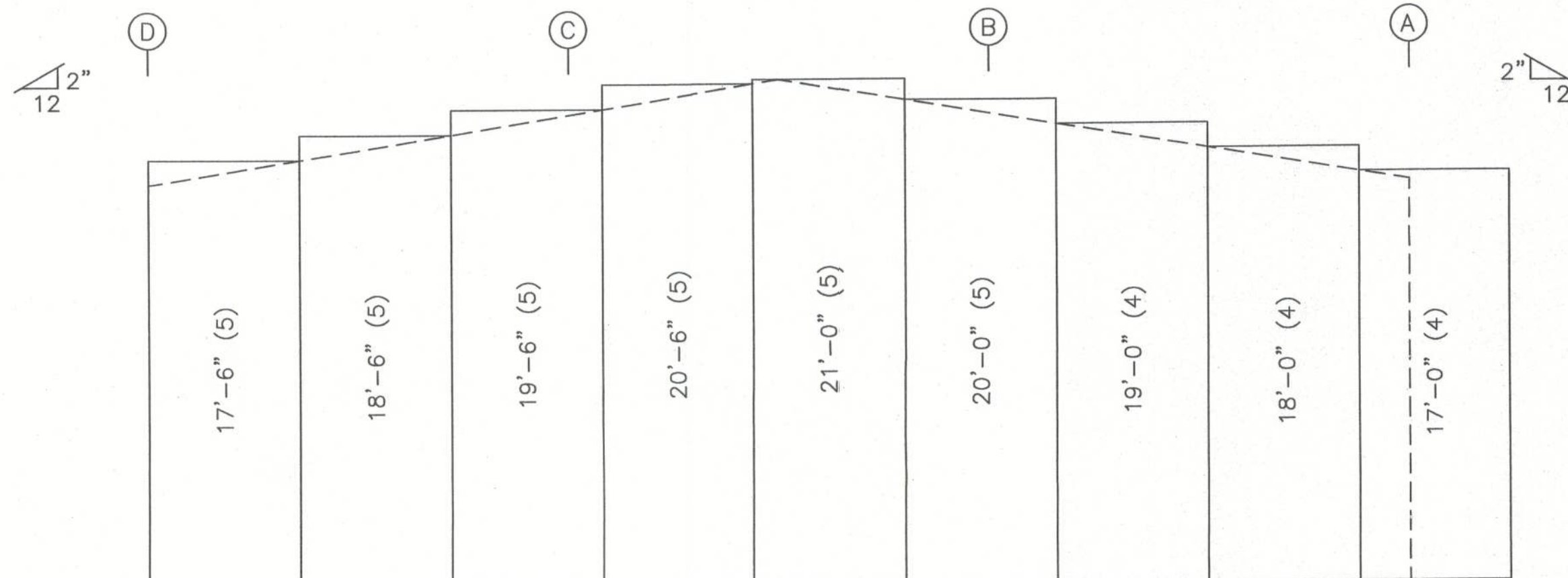
REVISION	
DATE:	

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

PLAN:
ROOF FRAMING

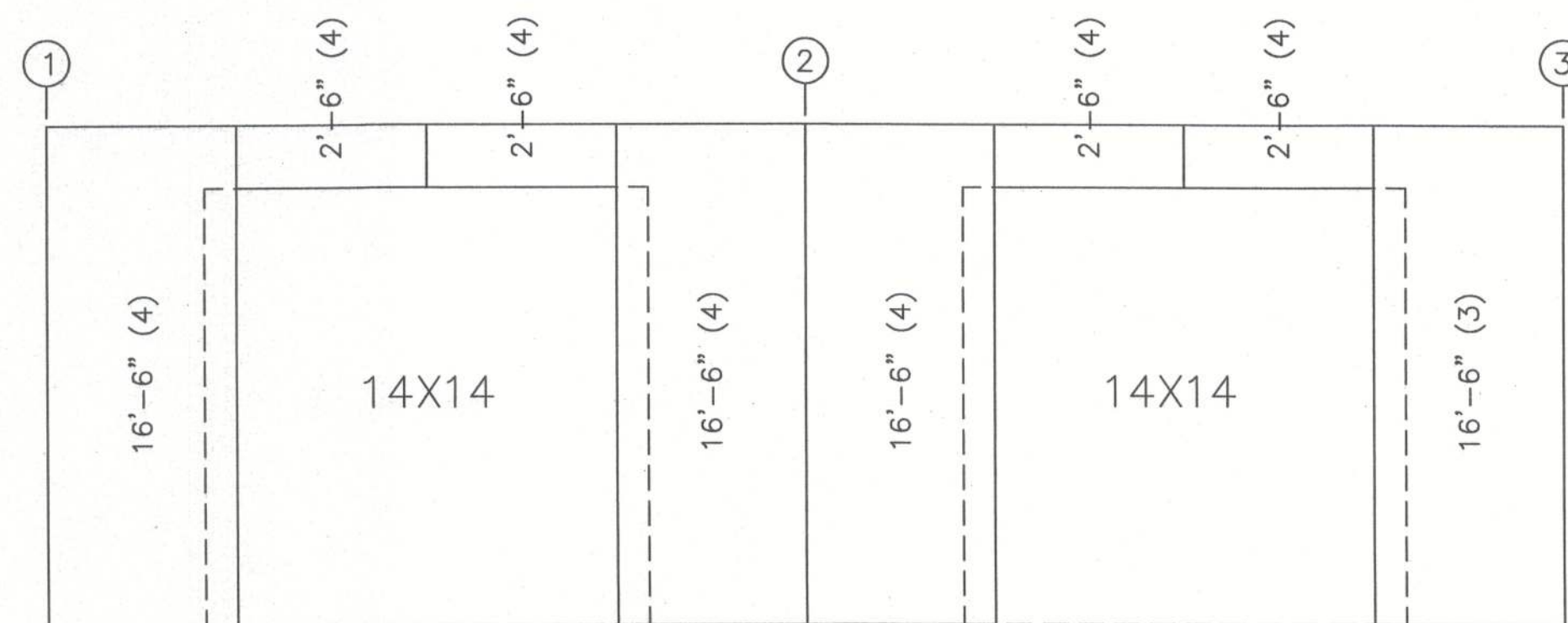
JOB # 8900-RF
SHEET 5 OF 11

10-10-13



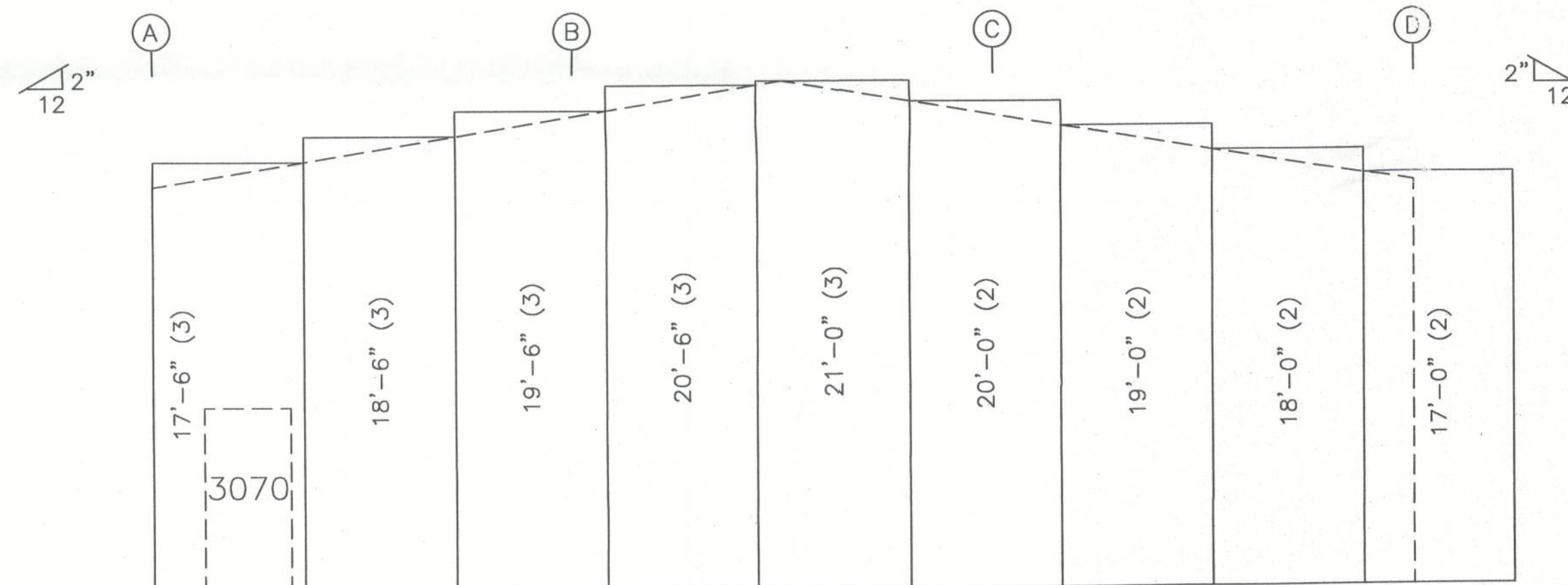
ENDWALL INSULATION: FRAME LINE 1

INSULATION: 3.00" Thick VR



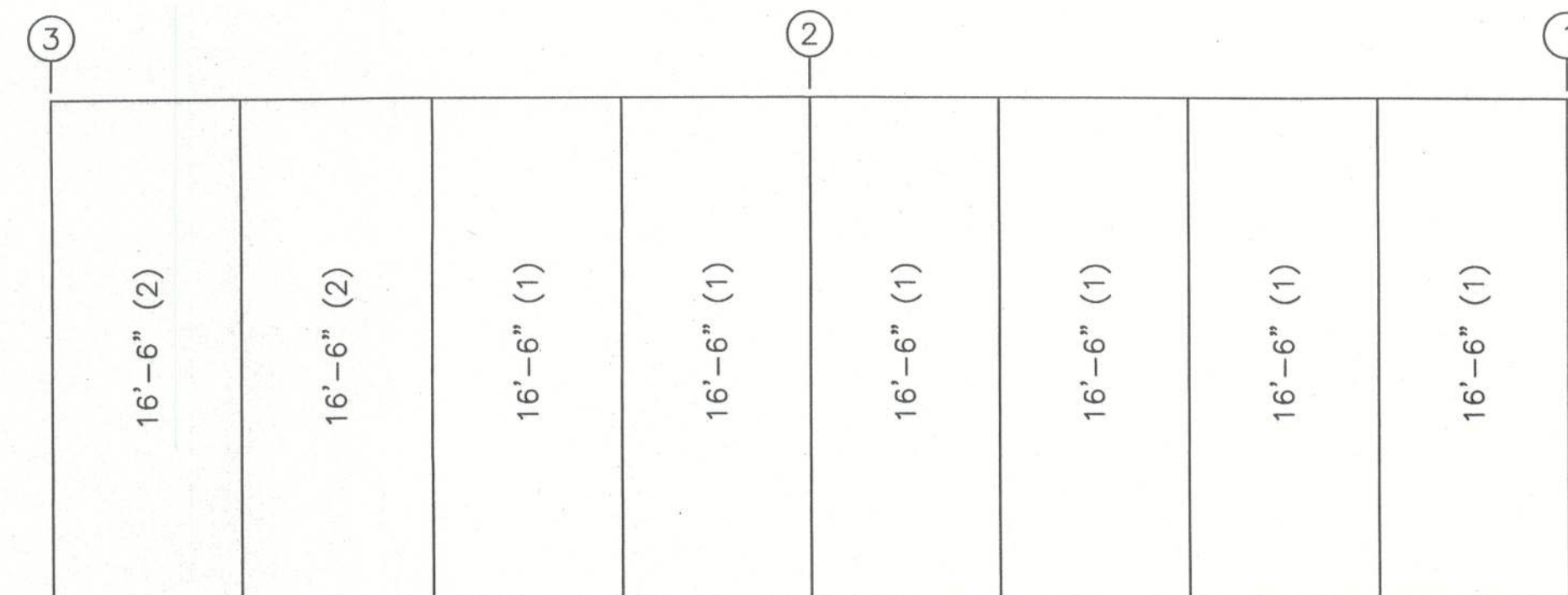
SIDEWALL INSULATION: FRAME LINE A

INSULATION: 3.00" Thick VR



ENDWALL INSULATION: FRAME LINE 3

INSULATION: 3.00" Thick VR



SIDEWALL INSULATION: FRAME LINE D

INSULATION: 3.00" Thick VR

INSULATION TABLE FRAME LINE 1 A 3 D				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	1	WI-1	6'-0"	99'-0"
2	1	WI-2	6'-0"	107'-0"
3	1	WI-3	6'-0"	113'-6"
4	1	WI-4	6'-0"	113'-6"
5	1	WI-5	6'-0"	117'-0"

LEGEND:
99'-0" (1)
Length (Roll #)

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P.E. # 54419

DESIGN CRITERIA	
BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	10 PSF
SNOW LOAD:	130 PSF
WIND LOAD: (3 SECOND GUST)	115 MPH
WIND IMPORTANCE FACTOR:	1.0
WIND EXPOSURE:	TV
BUILDING OCCUPANCY CATEGORY	ENCLOSED
SEISMIC USE GROUP	
ENCLOSURE CLASSIFICATION	



LITE
STRUCTURES
A DIVISION OF ELITE CONTRACTING INC.

PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

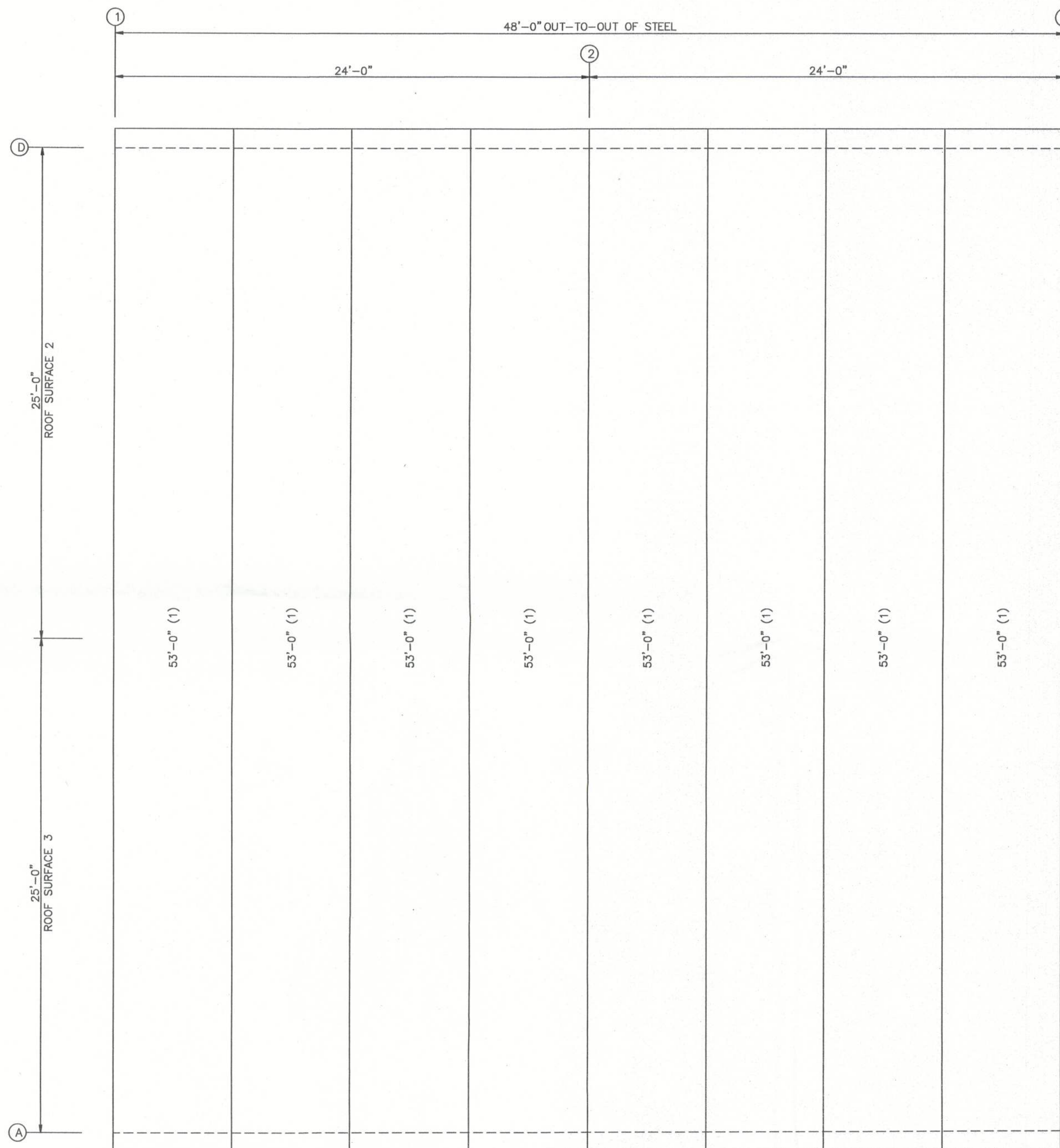
REVISION	
DATE:	

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKE CITY, FL

PLAN:
WALL INSULATION

JOB # 8900-WI
SHEET 6 OF 11

10-10-13

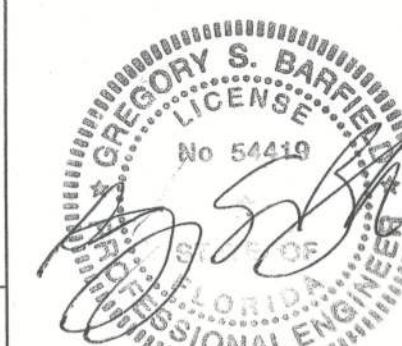


ROOF INSULATION
INSULATION: 3.00" Thick VR

INSULATION TABLE ROOF PLAN				
ROLL	QUAN	MARK	WIDTH	LENGTH
1	8	RI-1	6'-0"	53'-0"

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
PE # 54419

DESIGN CRITERIA	
BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY	IV
SEISMIC USE GROUP	I
ENCLOSURE CLASSIFICATION	ENCLOSED



PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S.	DATE: 10-08-13
DRAWN BY: E KELLEY	SALES: J RAGLAND
BUILDING SIZE:	50'X48'X16'

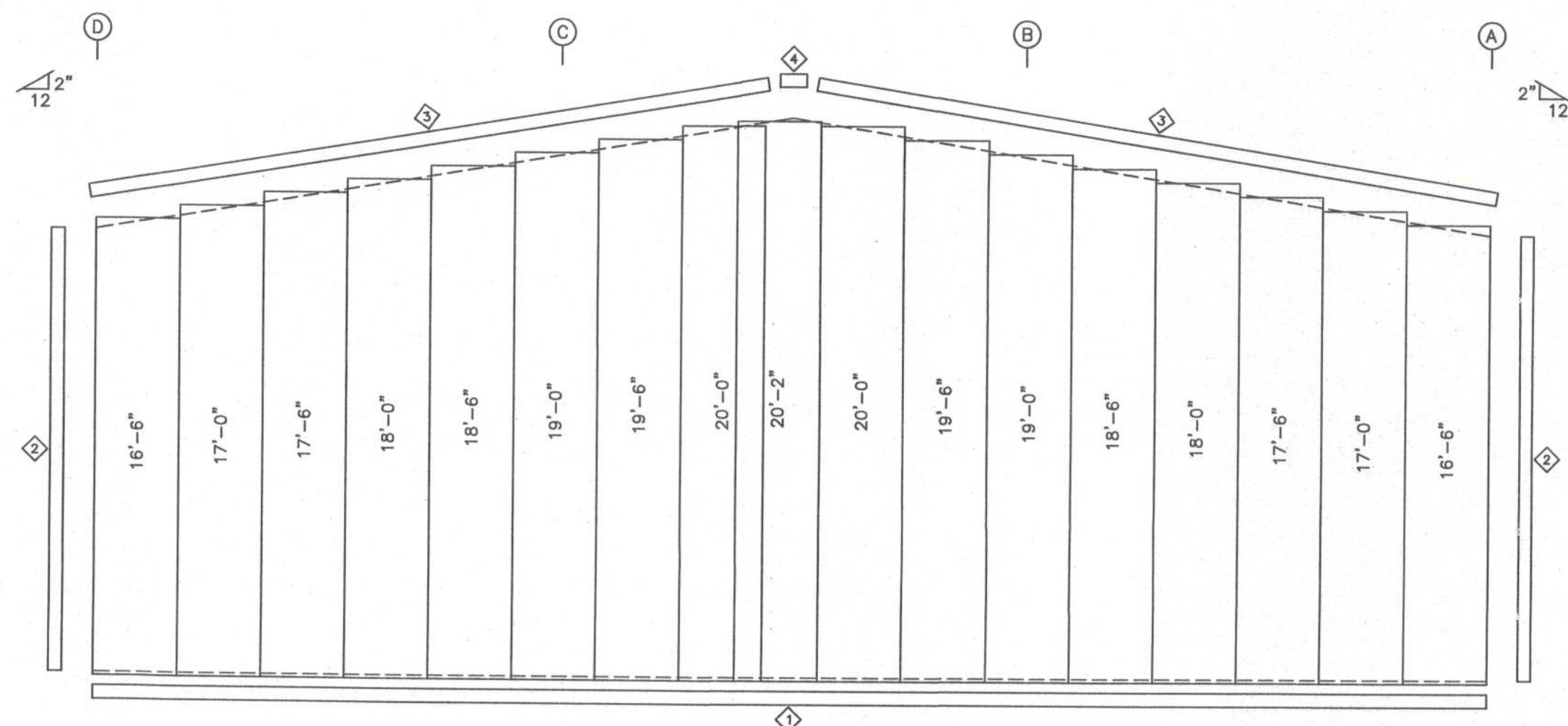
REVISION	
DATE:	

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

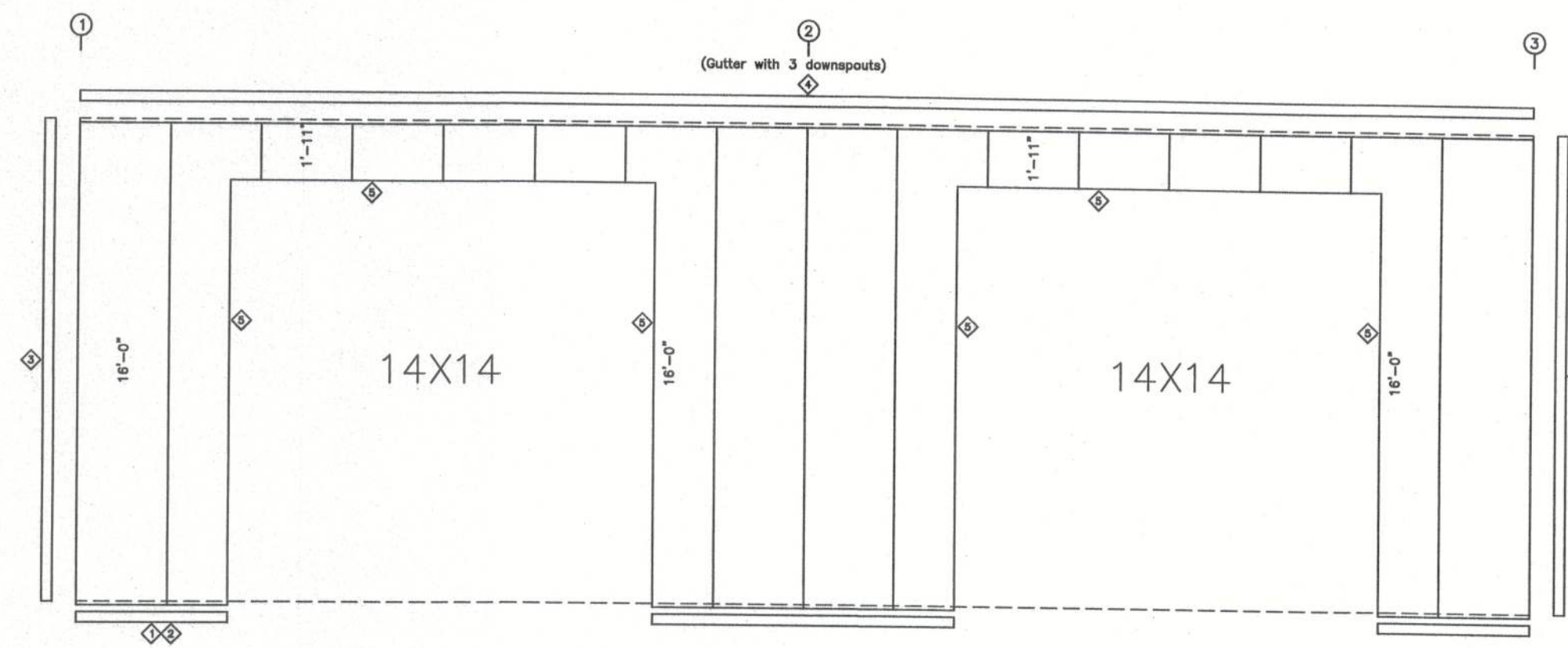
PLAN:
ROOF INSULATION

JOB # 8900-RI
SHEET 7 OF 11

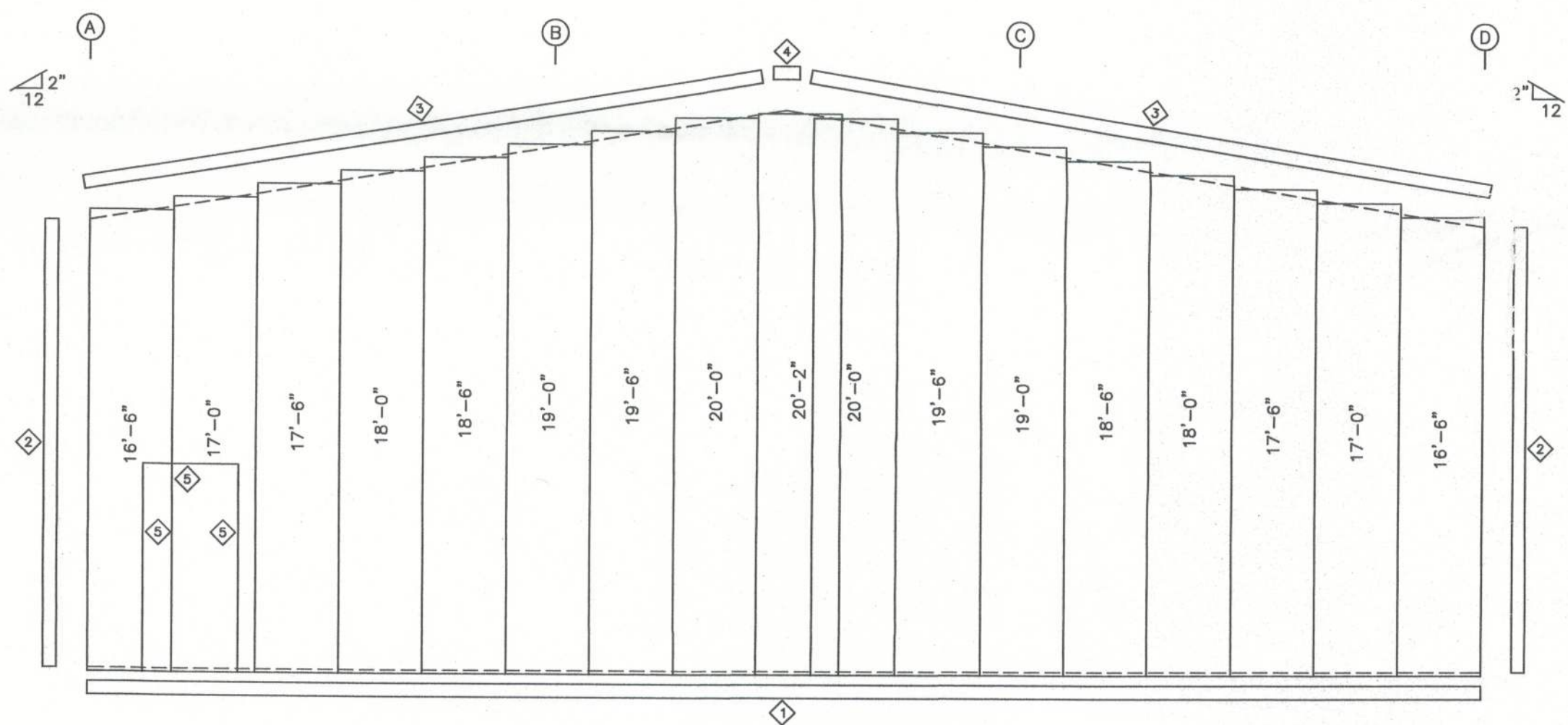
10-10-13



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



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



ENDWALL SHEETING & TRIM: FRAME LINE 3
PANELS: 26 Ga. PBR - NEED COLOR

TRIM TABLE		
FRAME LINE 1 & 3		
◇ID	PART	DETAIL
1	E-108	TRIM_9
2	ER-105	TRIM_6
3	ER-101	TRIM_2
4	FL-13C	
5	ER-103	TRIM_4

TRIM TABLE			
FRAME LINE A & D			
DI	QUAN	PART	DETAIL
1	2	E-108	TRIM_9
2	1	E-108	TRIM_9
3	4	ER-105	TRIM_6
4	6	E-114	TRIM_19
5	6	ER-103	TRIM_4
6	3	E-108	TRIM_9

DESIGN CRITERIA		
BUILDING CODE:		FBC 2010
LIVE LOAD TO FRAMES:	12	PSF
LIVE LOAD TO PURLINS:	20	PSF
COLLATERAL LOAD:	1	PSF
SNOW LOAD:	0	PSF
WIND LOAD: (3 SECOND GUST)	130	MPH
WIND IMPORTANCE FACTOR:	1.15	
WIND EXPOSURE:	B	
BUILDING OCCUPANCY CATEGORY	IV	
SEISMIC USE GROUP	I	
ENCLOSURE CLASSIFICATION		ENCLOSED

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419



PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE:	N.T.S.	DATE:	10-08-13
DRAWN BY: E KELLEY		SALES: J RAGLAND	
BUILDING SIZE:			
50'X48'X16'			

REVISION

TITLE/LOCATION	GRAY'S PORTABLE BUILDINGS, INC. (COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C) LAKECITY, FL
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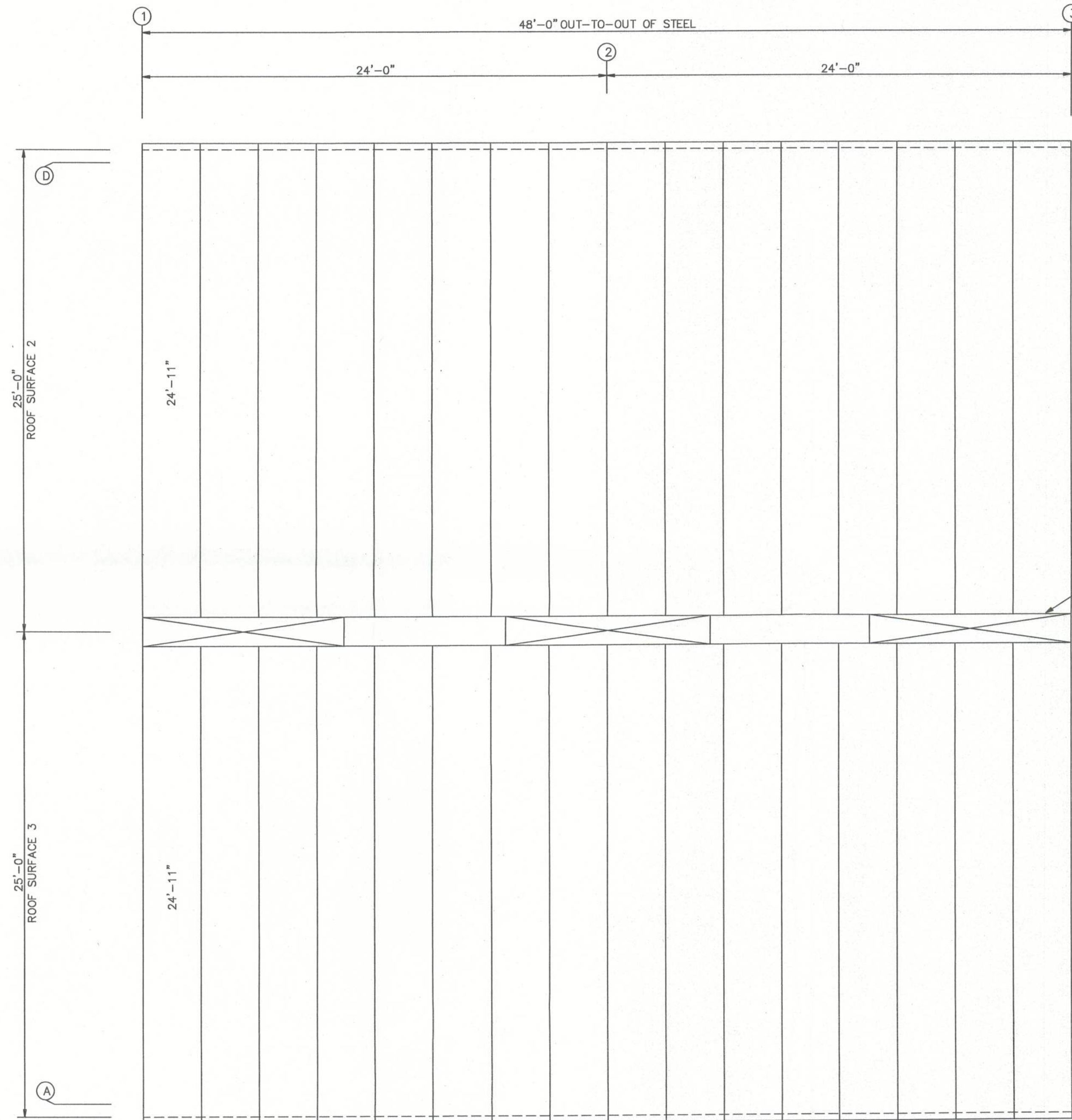
PLAN:

WALL SHEETING

JOB # 8900-WS

SHEET 8 OF 11

10-10-13



SUPPLY (3) 9"X10'-0" RIDGE VENTS
WITH DAMPER AND BIRD SCREEN

ROOF SHEETING PLAN
PANELS: 26 Ga. PBR - Galvalume

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
PE # 54419

DESIGN CRITERIA	
BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY	IV
SEISMIC USE GROUP	I
ENCLOSURE CLASSIFICATION	ENCLOSED



10-10-13



PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

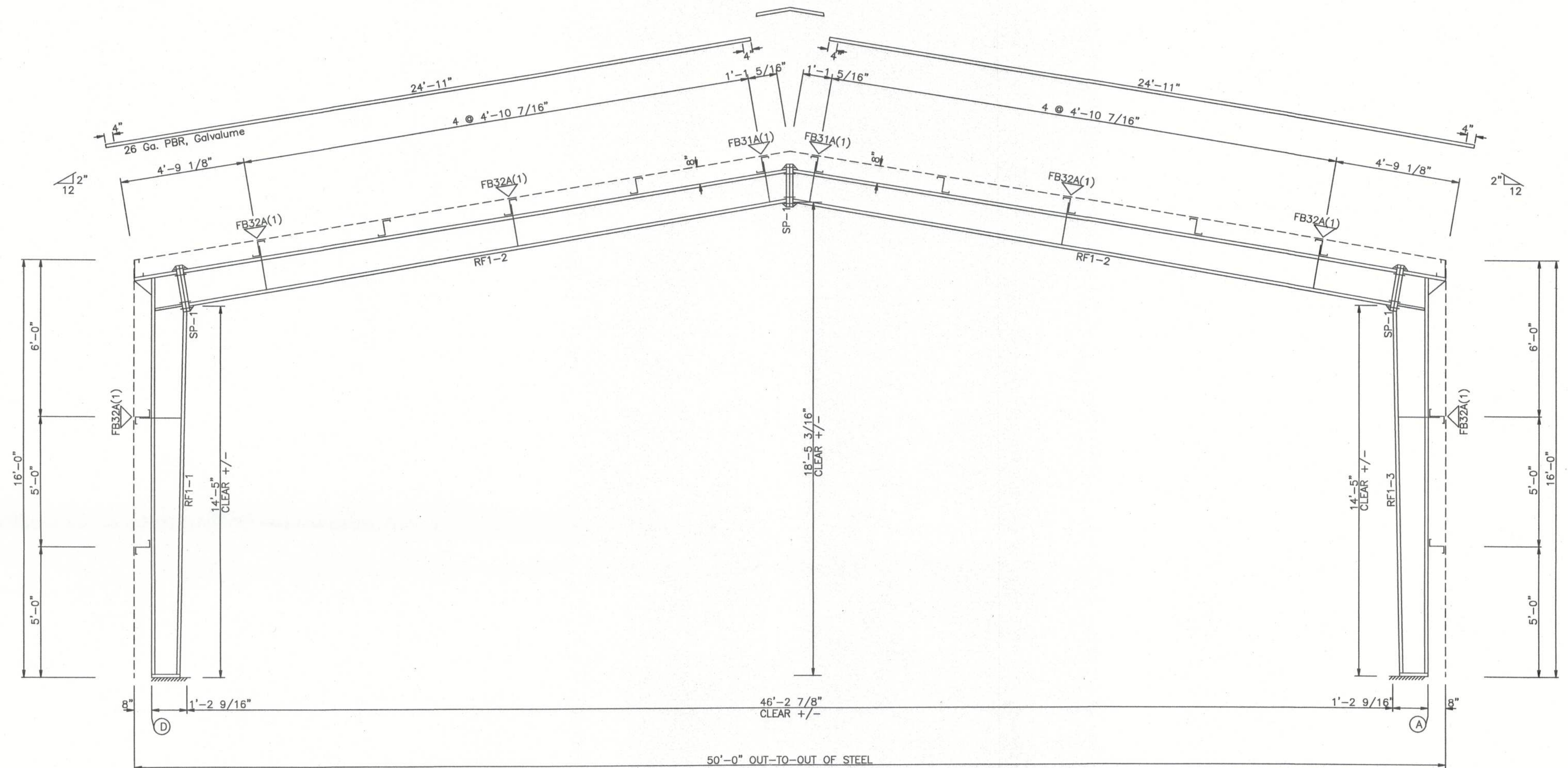
SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

REVISION	
DATE:	

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

PLAN:
ROOF SHEETING

JOB # 8900-RS
SHEET 9 OF 11



RIGID FRAME ELEVATION: FRAME LINE 2

MEMBER TABLE					
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length
	Start/End	Thick	Length		
RF1-1	10.0/11.2	0.135	49.9		6 x 1/4" x 184.5
	11.2/14.1	0.135	119.0		6 x 1/4" x 19.6
	14.1/11.1	0.188	17.5		
RF1-2	14.0/13.2	0.135	119.0		6 x 1/4" x 240.0
	13.2/12.3	0.135	119.0		6 x 1/4" x 43.1
	12.3/12.0	0.135	45.1		
RF1-3	11.1/14.1	0.188	17.5		6 x 1/4" x 19.6
	14.1/11.2	0.135	119.0		6 x 1/4" x 184.5
	11.2/10.0	0.135	49.9		

SPlice BOLT TABLE						
Mark	Qty		Int	Type	Dia	Length
	Top	Bot				
SP-1	4	4	0	A325	0.750	3.00

▽ FLANGE BRACES: Both Sides(U.N.)
FBxxA(1): xx=length(in)
A - L2X2X14G

DESIGN CRITERIA

BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	10 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY:	IV
SEISMIC USE GROUP:	I
ENCLOSURE CLASSIFICATION	ENCLOSED

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P.E. # 54419



PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

REVISION

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

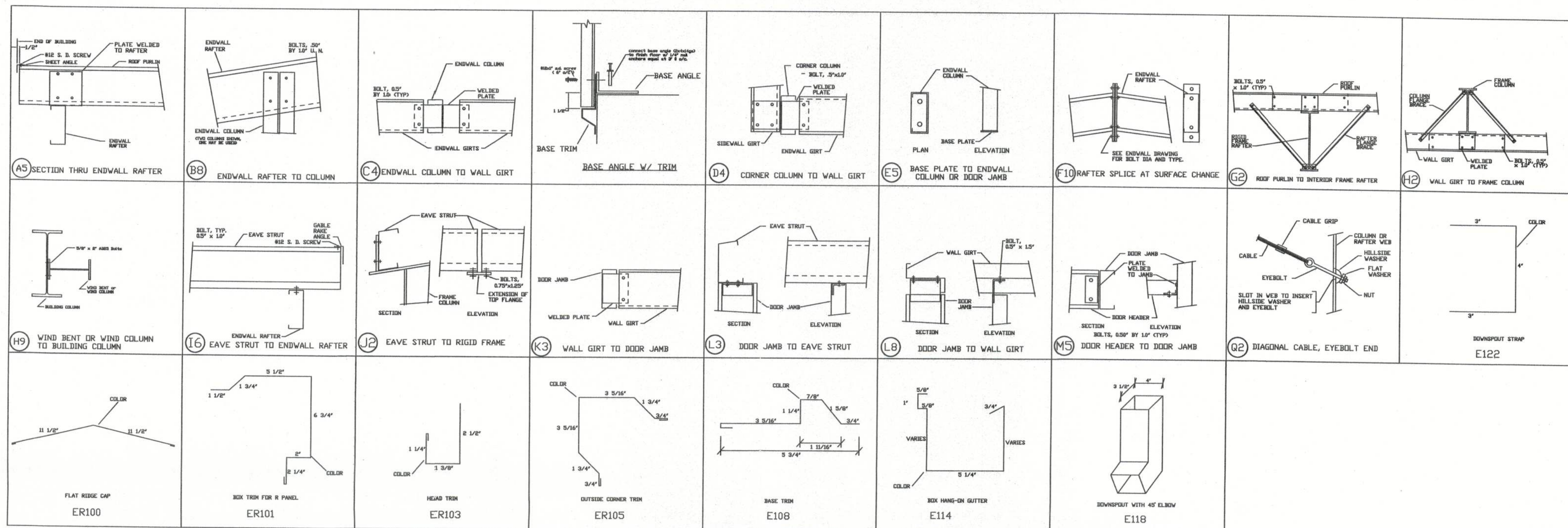
PLAN:

CROSS SECTION

JOB # 8900-XS

SHEET 10 OF 11

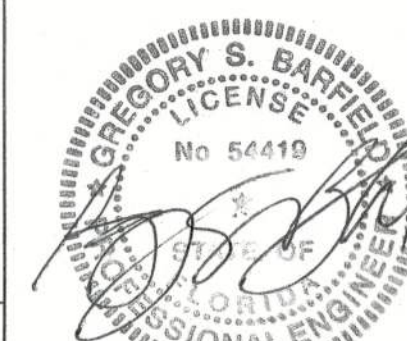
10-10-13



GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P.E. # 54419

DESIGN CRITERIA

BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (<3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY:	IV
SEISMIC USE GROUP:	1
ENCLOSURE CLASSIFICATION:	ENCLOSED



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ADEL, GA 31620

SCALE: N.T.S. DATE: 10-08-13
DRAWN BY: E KELLEY SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

REVISION

TITLE/LOCATION
GRAY'S PORTABLE BUILDINGS INC.
(COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C)
LAKECITY, FL

PLAN:
DETAIL DRAWINGS

JOB # 8900-DD
SHEET 11 OF 11

10-10-13