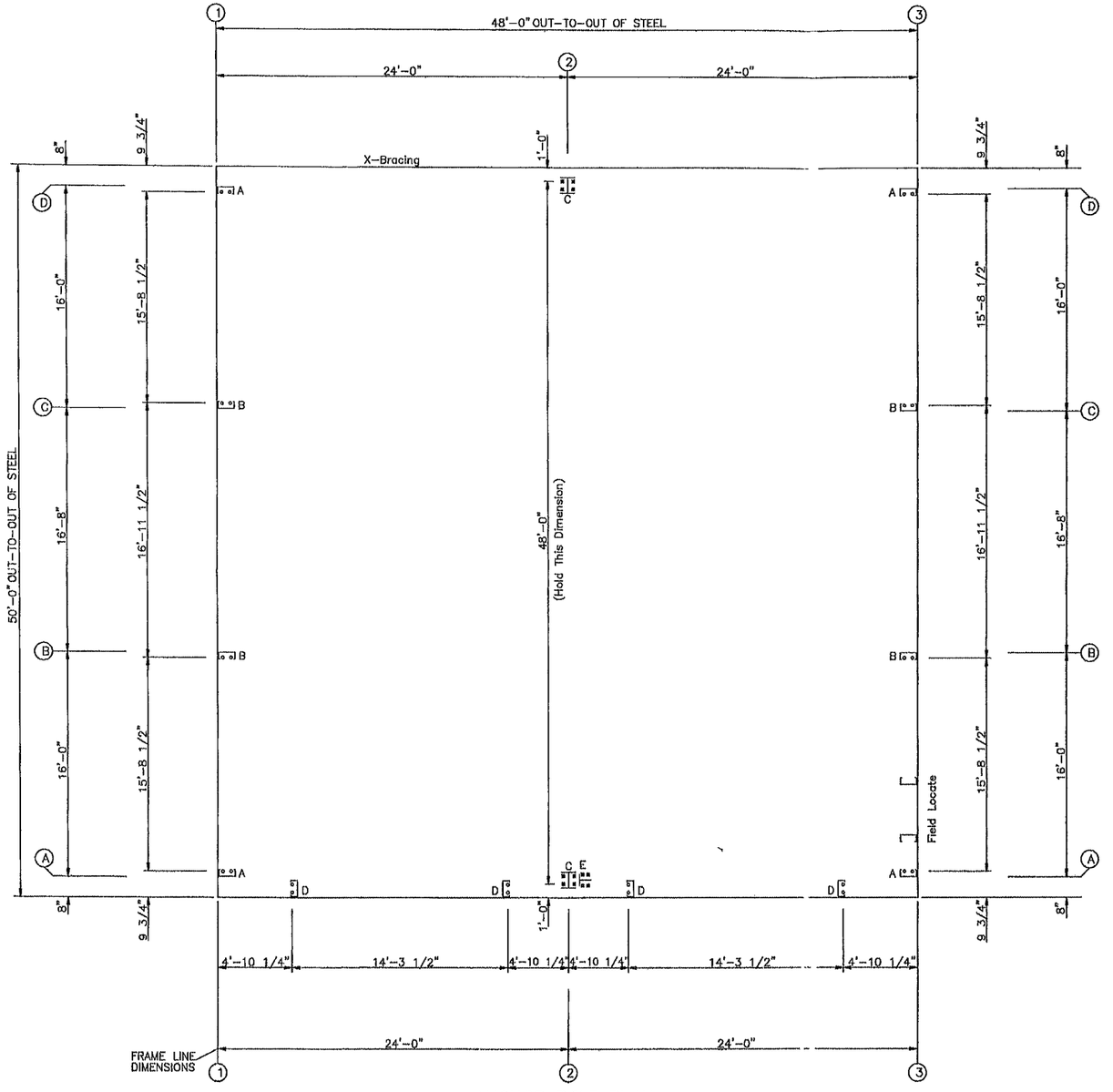
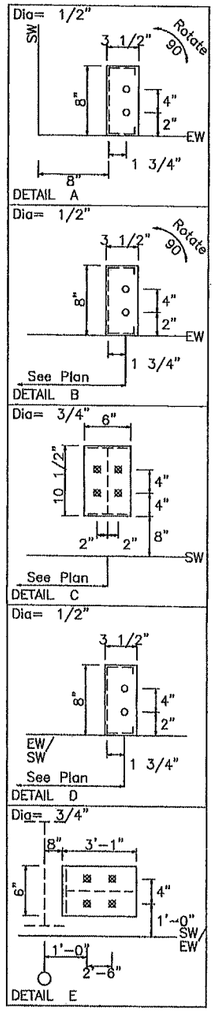


ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)



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:	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 LICENSE No 54419 PROFESSIONAL ENGINEER STATE OF GEORGIA
10-10-17

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	REVISION	TITLE/LOCATION: GRAY'S PORTABLE BUILDINGS INC (COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C) LAKECITY, FL
DRAWN BY: E KELLEY	SALES: J RAGLAND	DATE:	PLAN: ANCHOR BOLT PLAN
BUILDING SIZE: 50'X48'X16'			JOB # 8900-AB
			SHEET 1 OF 11

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

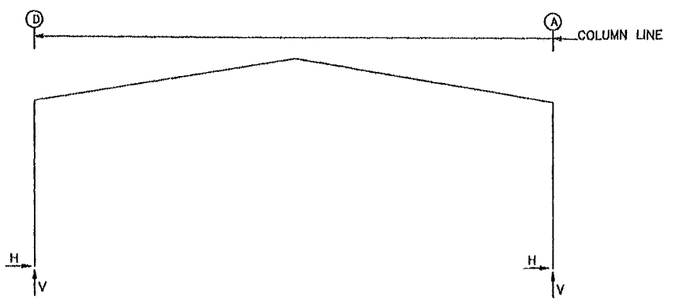
ANCHOR BOLT SUMMARY

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

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions (k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft) Wind	Seis
L_EW	1						45	2
F_SW	A	Wind Column In Wall						
R_EW	3						42	2
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) Load ID	Hmax H	Vmax V	Load ID	Hmin H	Vmin V	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
2	D	1	5.1	12.3	2	-5.0	-8.5	4	0.750	6.000	10.50	0.500	0.0
					4	-0.2	-9.1						
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)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 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

Frame Line	Column Line	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long 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)

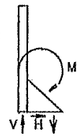
Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert	Seis Left Vert
1	D	0.3	0.1	1.7	-2.3	-1.5	-2.2	-1.3	0.0	0.0	-1.9	-1.2	0.0
1	C	0.8	0.2	4.4	-6.2	-4.0	-6.4	-4.1	-3.3	3.6	-4.8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

Frm Line	Col Line	Seis Right Vert
1	D	0.0
1	C	0.0
1	B	0.0
1	A	0.0
3	A	0.0
3	B	0.0
3	C	0.0
3	D	0.0

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

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

WIND COLUMN REACTIONS



Wall Loc	Col Line	R/L	Load_ID	± Reactions Horz (k)	Vert (k)	Moment (f-k)	Anc_Bolt Qty	Dia	Base_Plate(in) Width	Length	Thick
F_SW	A	2	R	Wind	4.7	27.3	66.5	4	0.750	6.000	37.000	0.500
				Seismic	1.1	6.3	15.4					

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

DESIGN CRITERIA

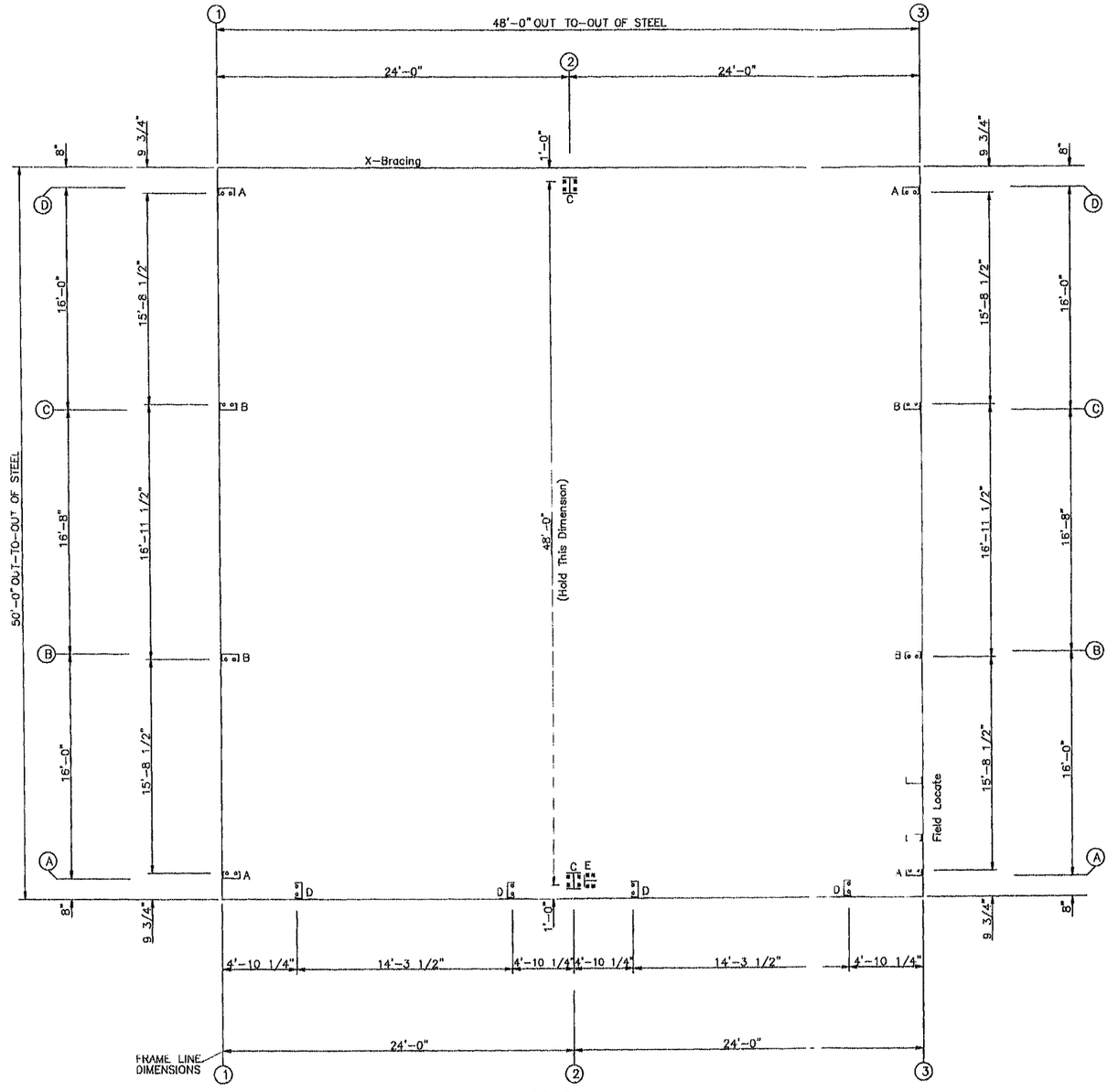
BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	1 PSF
SNOW LOAD:	0 PSF
WIND LOAD: (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY	IV
SEISMIC USE GROUP	I
ENCLOSURE CLASSIFICATION	ENCLOSED

GREGORY S. BARFIELD LICENSE No 54419 STATE OF GEORGIA PROFESSIONAL ENGINEER

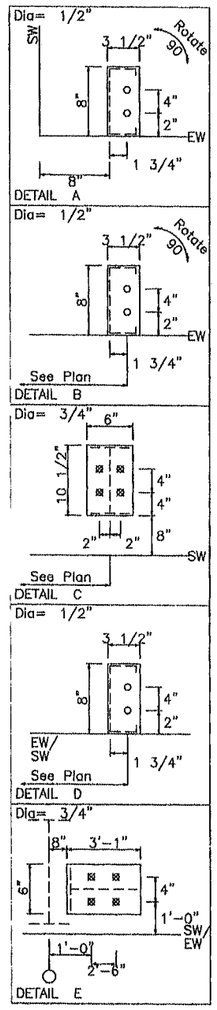
10-10-13

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	REVISION	TITLE/LOCATION: GRAY'S PORTABLE BUILDINGS INC. (COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C) LAKECITY, FL
DRAWN BY: E KELLEY	SALES: J RAGLAND	DATE:	PLAN: COLUMN REACTIONS
BUILDING SIZE: 50'X48'X16'			JOB # 8900-CR
			SHEET 2 OF 11



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



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	II
SEISMIC USE GROUP	II
ENCLOSURE CLASSIFICATION	ENCLOSED

GREGORY S. BARFIELD LICENSE No 54419 PROFESSIONAL ENGINEER STATE OF GEORGIA

10-10-17

ELITE STRUCTURES
A DIVISION OF ELITE CONTRACTING INC.
PH 229-896-7569
FAX 229-896-7660
P.O. BOX 207
ADEL, GA 31620

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

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

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

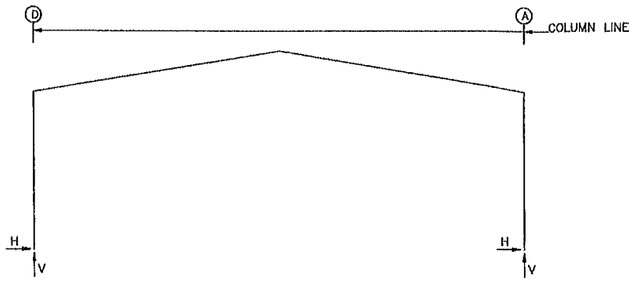
ANCHOR BOLT SUMMARY

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

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions (k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft) Wind	Seis
L_EW	1						45	2
F_SW	A	Wind Column In Wall						
R_EW	3						42	2
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) Load ID	Hmax H	V Vmax	Load ID	Hmin H	V Vmin	Anc Bolt Qty	Dia	Base Plate (in) Width	Length	Thick	Grout (in)
2	D	1	5.1	12.3	2	-5.0	-8.5	4	0.750	6.000	10.50	0.500	0.0
					4	-0.2	-9.1						
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)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 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

Frame Line	Column Line	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long 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)

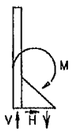
Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert	Seis Left Vert
1	D	0.3	0.1	1.7	-2.3	-1.5	-2.2	-1.3	0.0	0.0	-1.9	-1.2	0.0
1	C	0.8	0.2	4.4	-6.2	-4.0	-6.4	-4.1	-3.3	3.6	-4.8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

Frm Line	Col Line	Seis Right Vert
1	D	0.0
1	C	0.0
1	B	0.0
1	A	0.0
3	A	0.0
3	B	0.0
3	C	0.0
3	D	0.0

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

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

WIND COLUMN REACTIONS



Wall Loc	Wall Line	Col Line	R/L	Load_ID	± Reactions Horz (k)	Vert (k)	Moment (f-k)	Anc_Bolt Qty	Dia	Base_Plate(in) Width	Length	Thick
F_SW	A	2	R	Wind	4.7	27.3	66.5	4	0.750	6.000	37.000	0.500
				Seismic	1.1	6.3	15.4					

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	I
ENCLOSURE CLASSIFICATION	ENCLOSED

GREGORY S. BARFIELD LICENSE No 54419 STATE OF GEORGIA PROFESSIONAL ENGINEER

10-10-13

ELITE STRUCTURES
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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

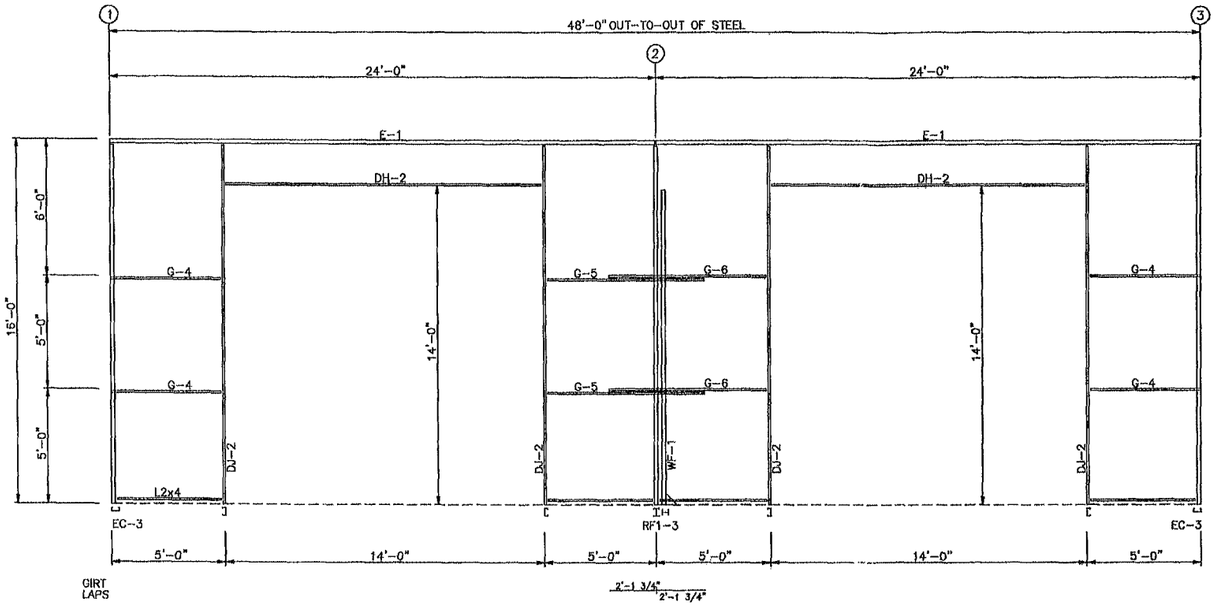
DATE:	

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

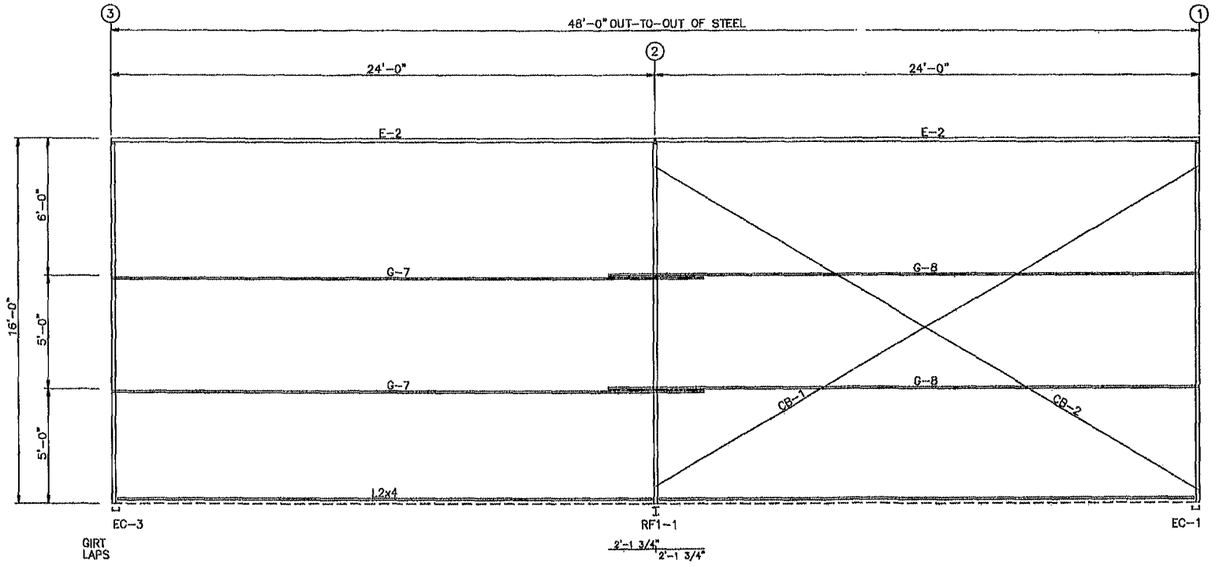
PLAN: COLUMN REACTIONS

JOB # 8900-CR

SHEET 2 OF 11



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	II
SEISMIC USE GROUP	V
ENCLOSURE CLASSIFICATION	I ENCLOSED

GREGORY S. BARFIELD LICENSE No 64419 STATE OF FLORIDA PROFESSIONAL ENGINEER

10-10-13

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'

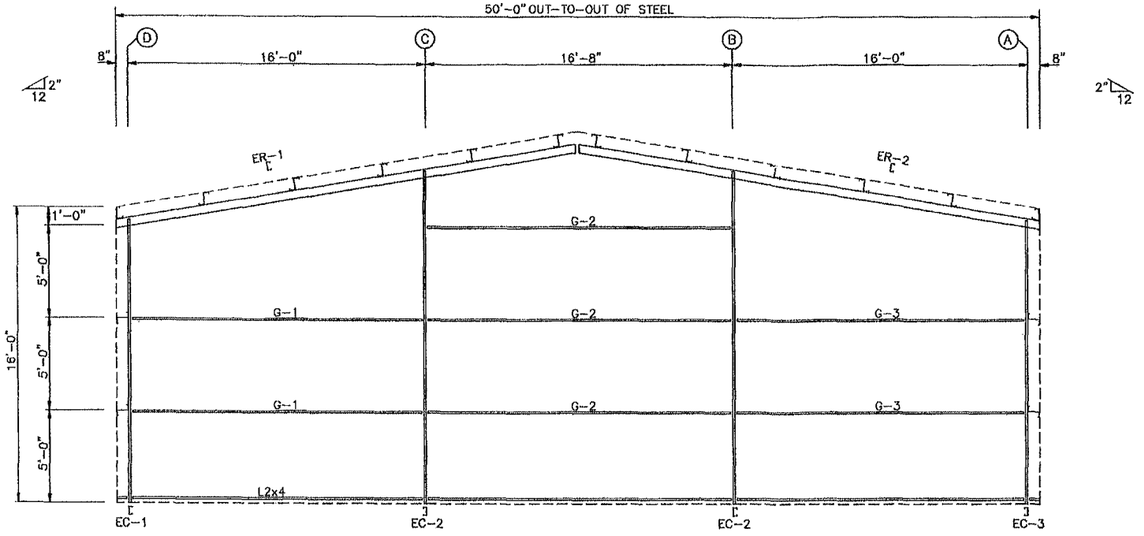
REVISION
DATE:

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

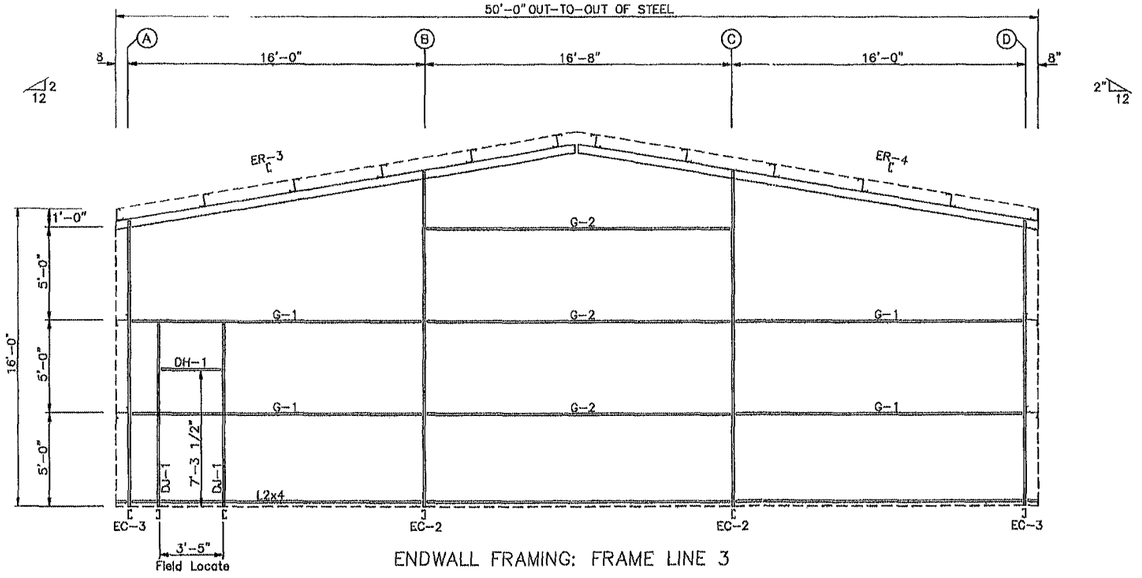
PLAN: SIDEWALL FRAMING

JOB # 8900-SF

SHEET 3 OF 11



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"

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

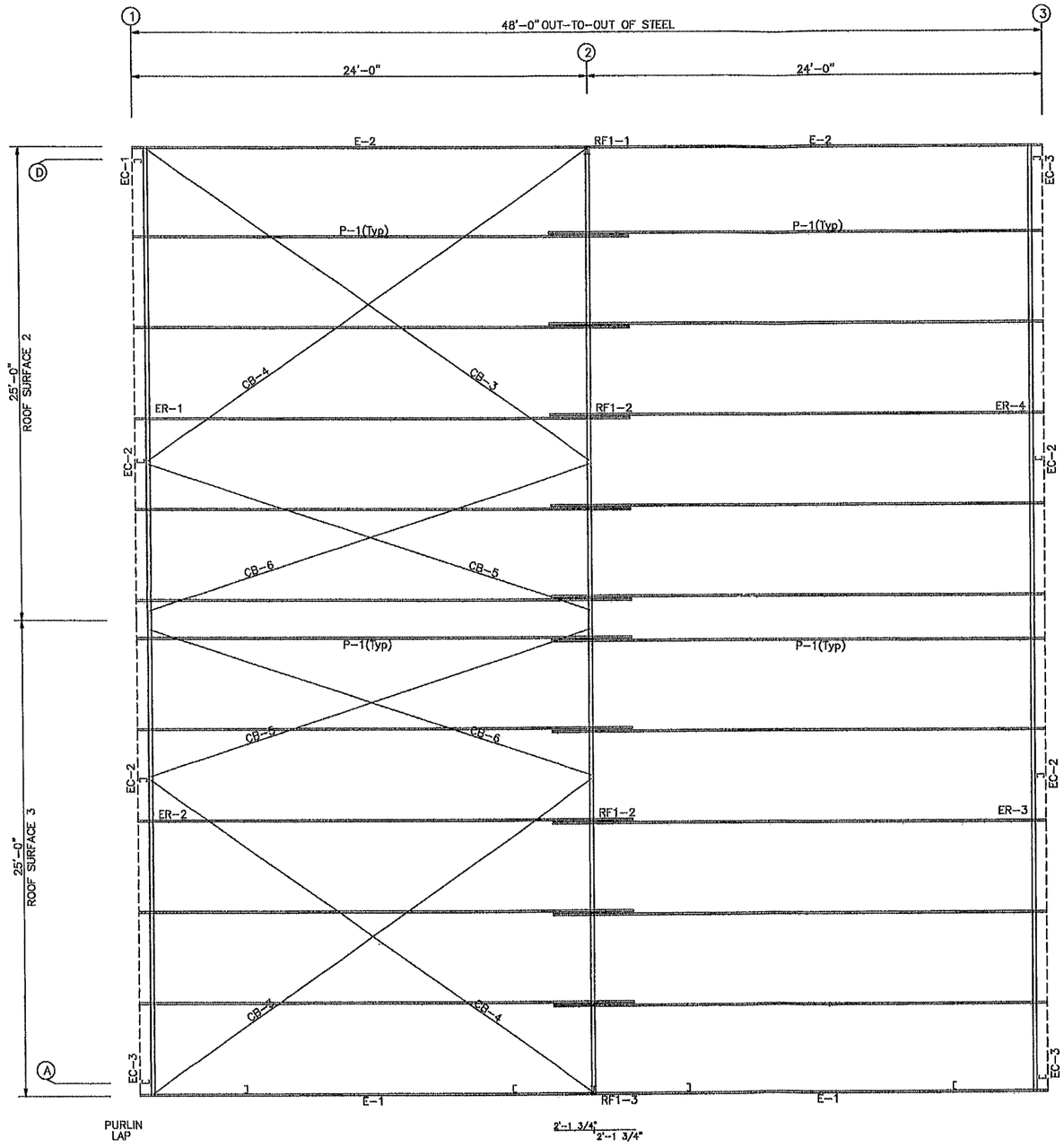
GREGORY S. BARFIELD
2149 NELL PURVIS ROAD
ADEL, GA 31620
P.E. # 54419

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

10-10-13

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	REVISION	TITLE/LOCATION: GRAY'S PORTABLE BUILDINGS INC. (COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C) LAKECITY, FL
DRAWN BY: E KELLEY	SALES: J RAGLAND	DATE:	PLAN: ENDWALL FRAMING
BUILDING SIZE: 50'X48'X16'			JOB # 8900-EF
			SHEET 4 OF 11



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"

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	I
ENCLOSURE CLASSIFICATION	ENCLOSED

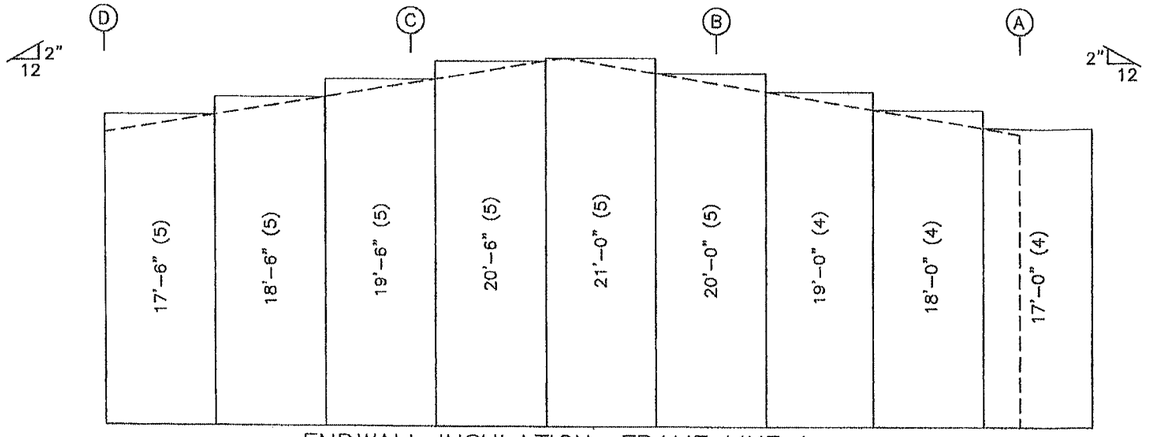
GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER
10-10-13

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'

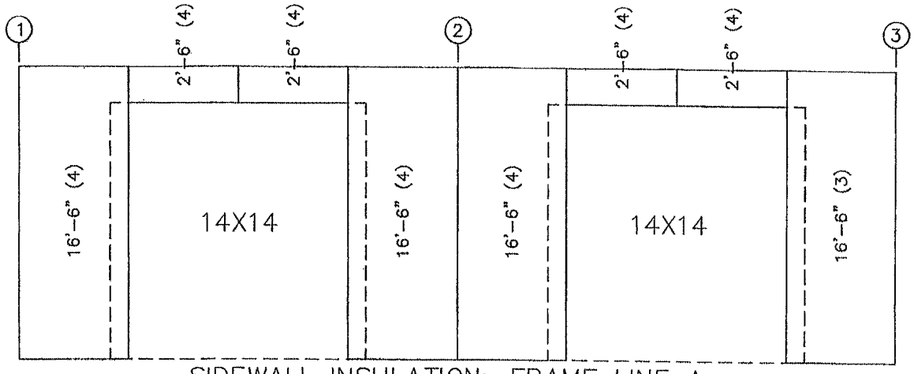
REVISION	
DATE:	

TITLE/LOCATION	GRAY'S PORTABLE BUILDINGS INC. (COLUMBIA, CO, FIREHOUSE, BLD'S A,B,C) LAKECITY, FL
PLAN:	ROOF FRAMING
JOB #	8900-RF
SHEET	5 OF 11



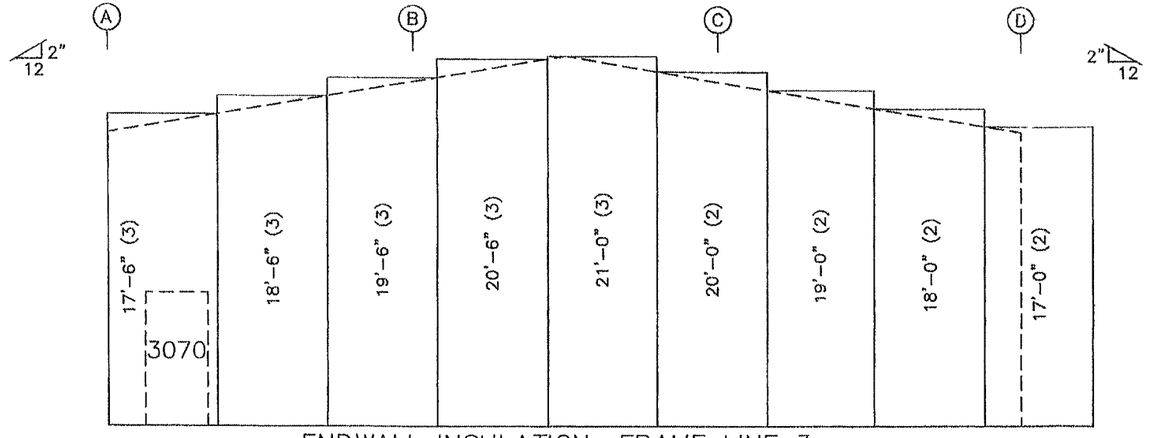
ENDWALL INSULATION: FRAME LINE 1

INSULATION: 3.00" Thick VR



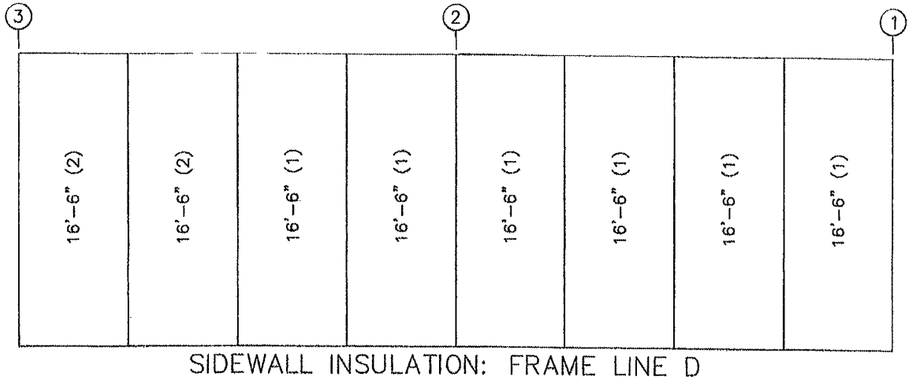
SIDEWALL INSULATION: FRAME LINE A

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:	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 LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

10-10-13

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'

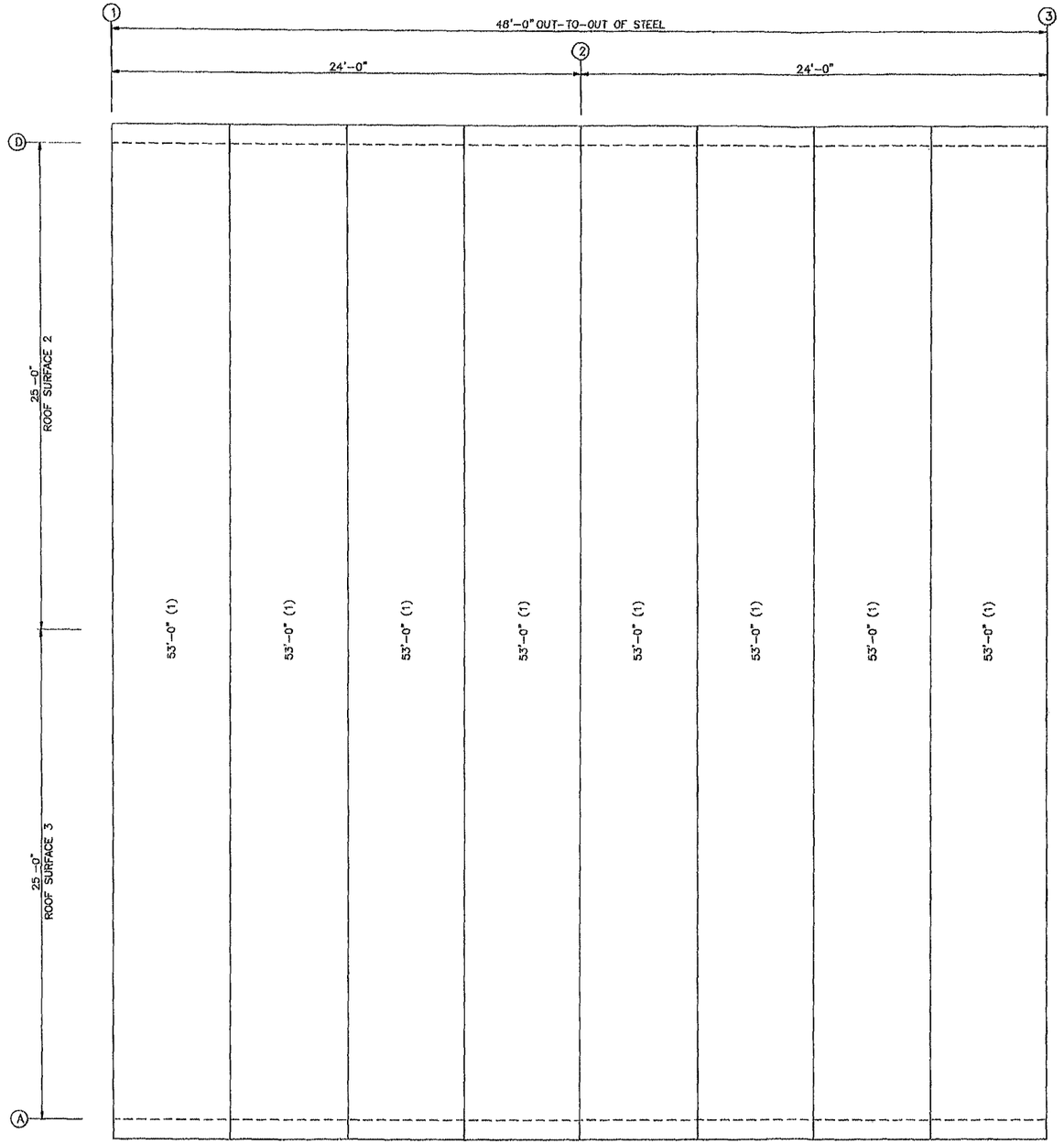
REVISION
DATE:

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

PLAN.
WALL INSULATION

JOB # 8900-WI

SHEET 6 OF 11



ROOF INSULATION
INSULATION: 3.00# Thick VR

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

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	V
SEISMIC USE GROUP	I
ENCLOSURE CLASSIFICATION	ENCLOSED

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

GREGORY S. BANFIELD LICENSE No 64419 PROFESSIONAL ENGINEER STATE OF GEORGIA

10-10-13

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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'

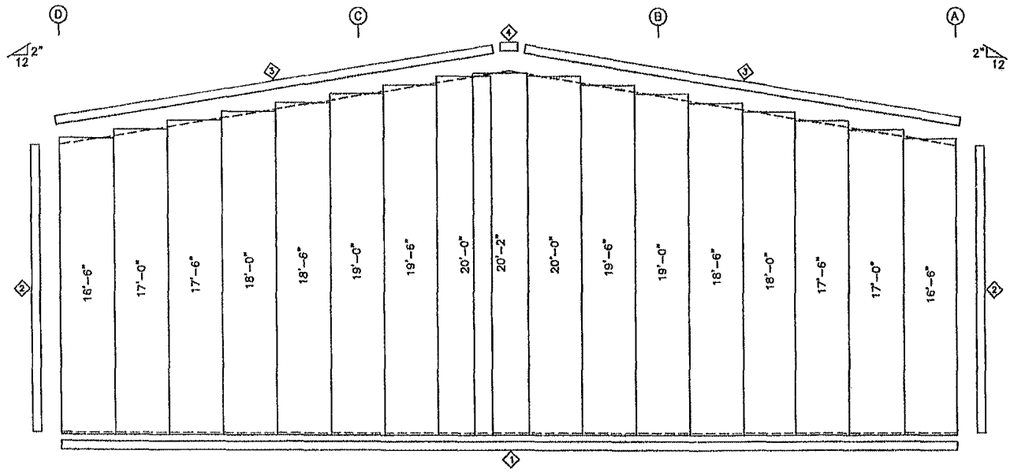
REVISION
DATE:

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

PLAN:
ROOF INSULATION

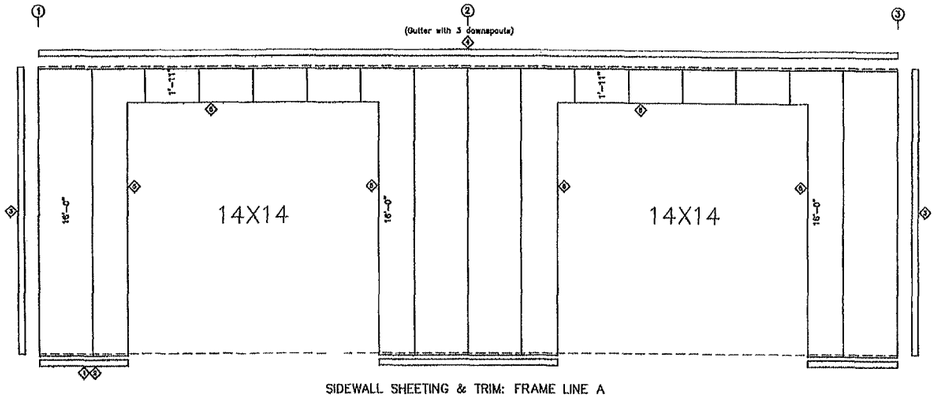
JOB # 8900-RI

SHEET 7 OF 11



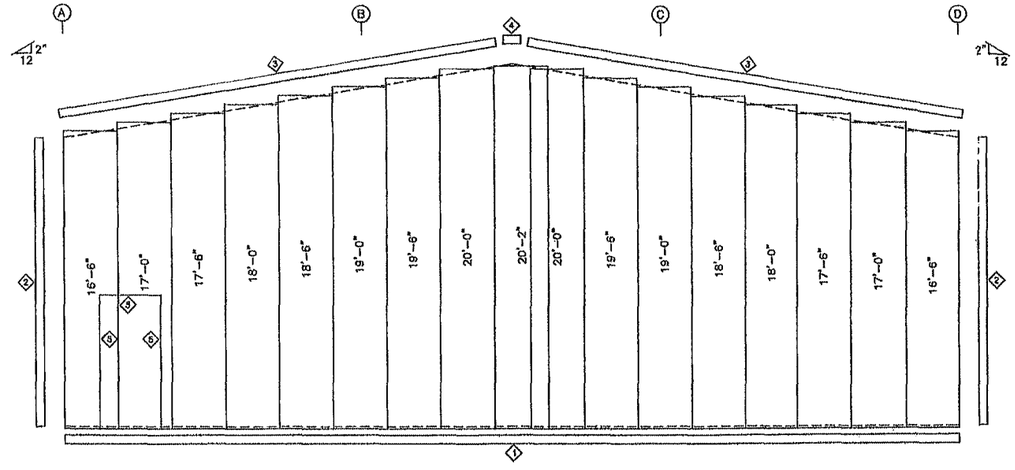
ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. PBR – NEED COLOR



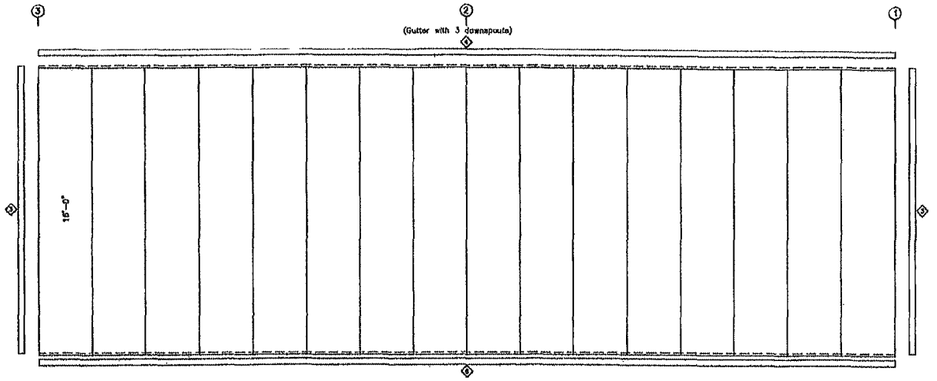
SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR – NEED COLOR



ENDWALL SHEETING & TRIM: FRAME LINE 3

PANELS: 26 Ga. PBR – NEED COLOR



SIDEWALL SHEETING & TRIM. FRAME LINE D

PANELS: 26 Ga. PBR – NEED COLOR

TRIM TABLE FRAME LINE 1 & 3			
◇ID	QUAN	PART	DETAIL
1	2	E-108	TRIM_9
2	1	ER-105	TRIM_6
3	4	ER-101	TRIM_2
4	1	FL-13C	
5	6	ER-103	TRIM_4

TRIM TABLE FRAME LINE A & D			
◇ID	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

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

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

10-10-13

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'	

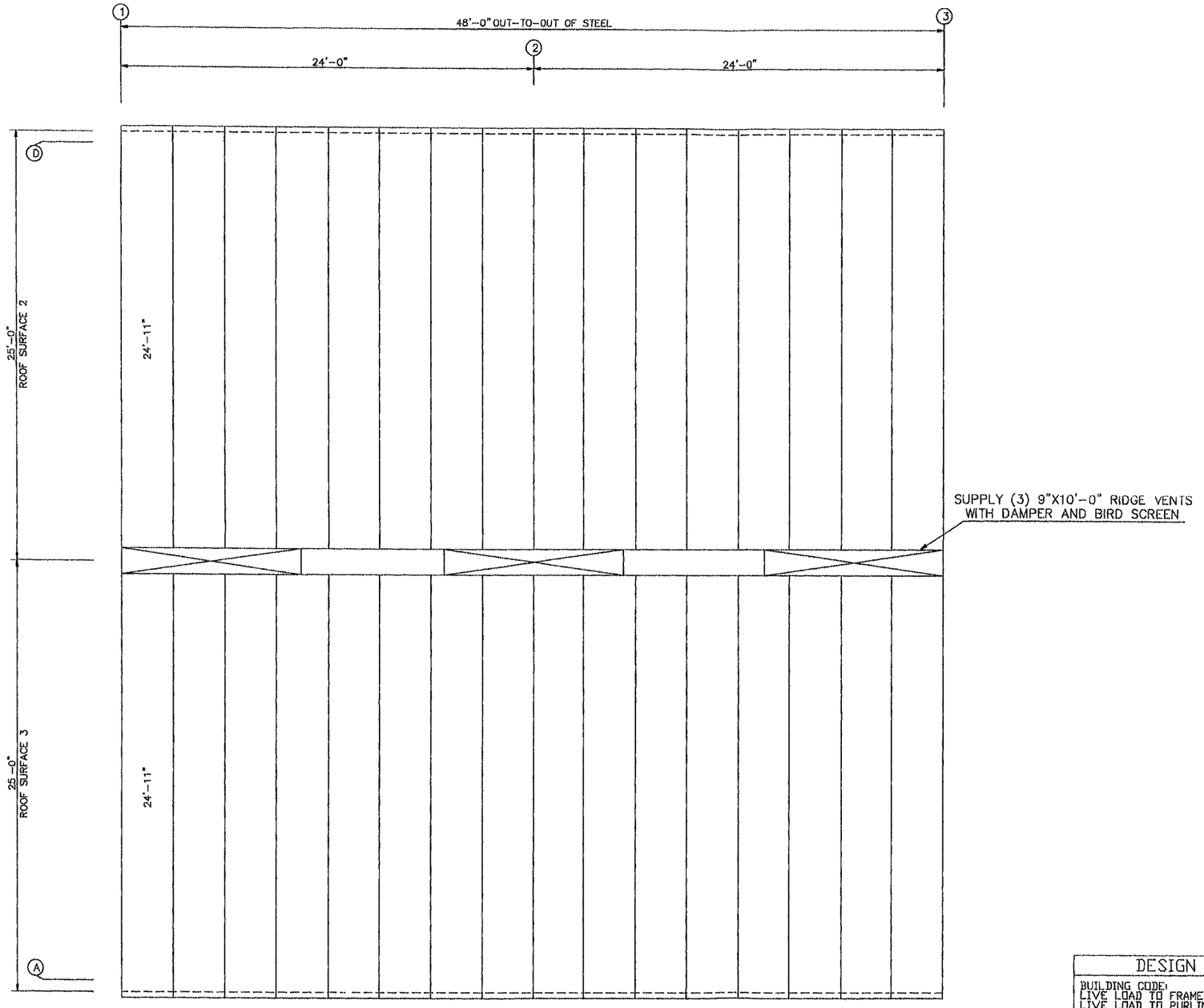
REVISION	DATE:

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

PLAN: WALL SHEETING

JOB # 8900-WS

SHEET 8 OF 11



ROOF SHEETING PLAN

PANELS: 26 Ga. PBR – Galvalume

DESIGN CRITERIA	
BUILDING CODE:	FBC 2010
LIVE LOAD TO FRAMES:	12 PSF
LIVE LOAD TO PURLINS:	20 PSF
COLLATERAL LOAD:	5 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

GREGORY S. BARFIELD LICENSE No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER

10-10-13

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'

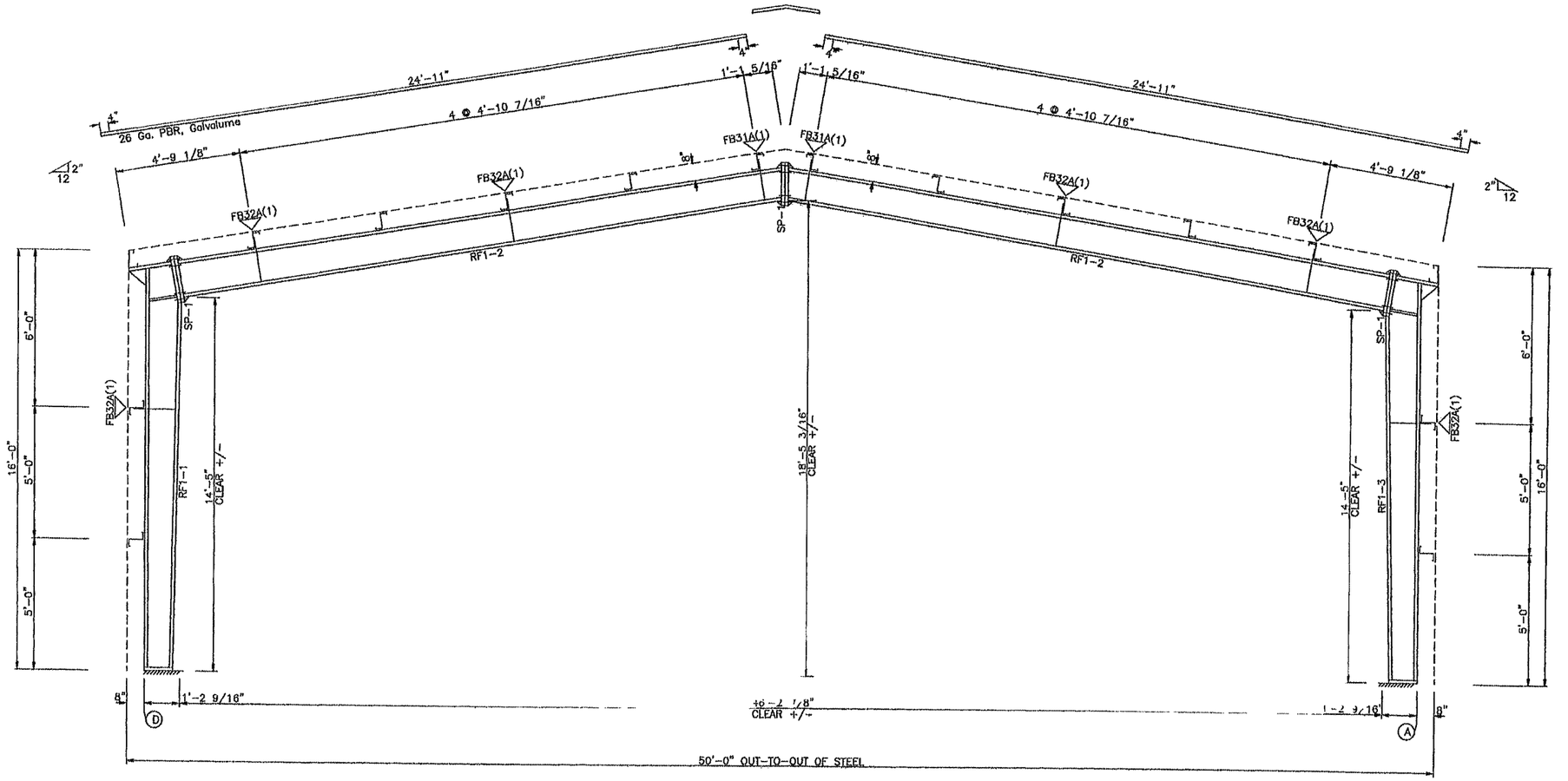
REVISION	
DATE:	

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

PLAN: ROOF SHEETING

JOB # 8900-RS

SHEET 9 OF 11



RIGID FRAME ELEVATION: FRAME LINE 2

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	10.0/11.2	0.135	49.9	6 x 1/4" x 184.5	6 x 1/4" x 168.9
	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	6 x 1/4" x 240.0
	13.2/12.3	0.135	119.0	6 x 1/4" x 43.1	6 x 1/4" x 41.1
	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	6 x 1/4" x 168.9
	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 Top	Bot	Int	Type	Dia	Length
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:	2 PSF
SNOW LOAD:	0 PSF
WIND LOAD (3 SECOND GUST)	130 MPH
WIND IMPORTANCE FACTOR:	1.15
WIND EXPOSURE:	B
BUILDING OCCUPANCY CATEGORY	II
SEISMIC USE GROUP	V
ENCLOSURE CLASSIFICATION	ENCLOSED

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

GREGORY S. BARFIELD LICENSE No 54419 STATE OF GEORGIA REGISTERED PROFESSIONAL ENGINEER

10-10-13

ELITE STRUCTURES
A DIVISION OF ELITE CONTRACTING INC.
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL , GA 31620

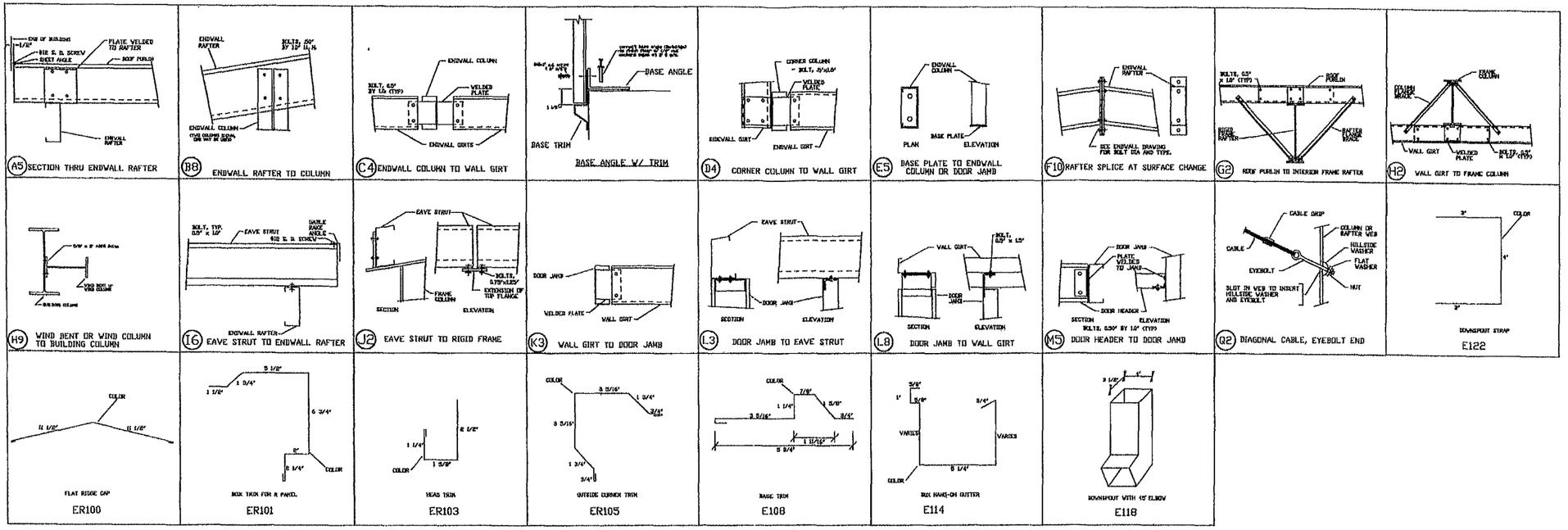
SCALE: N.T.S. | DATE: 10-08-13
DRAWN BY: E KELLEY | SALES: J RAGLAND
BUILDING SIZE: 50'X48'X16'

REVISION
DATE:

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

PLAN: CROSS SECTION

JOB # 8900-XS
SHEET 10 OF 11



DESIGN CRITERIA

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

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

GREGORY S. BARFIELD LICENSE No 54419 STATE OF GEORGIA PROFESSIONAL ENGINEER

10-10-13

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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
DATE:

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