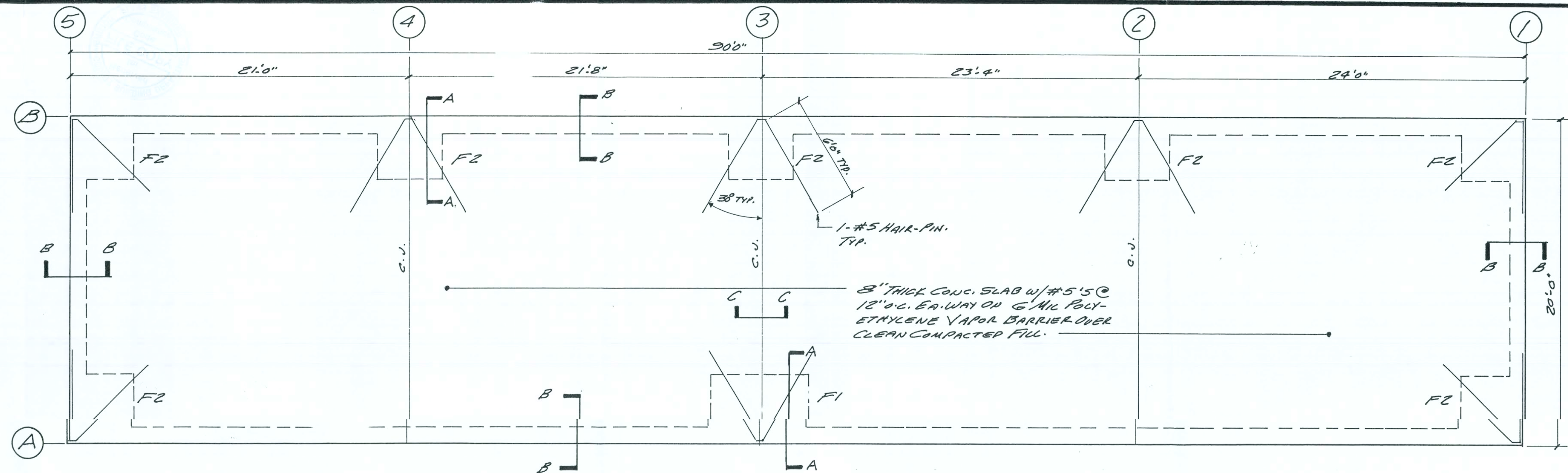




Foundation Plan

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

GENERAL STRUCTURAL NOTES

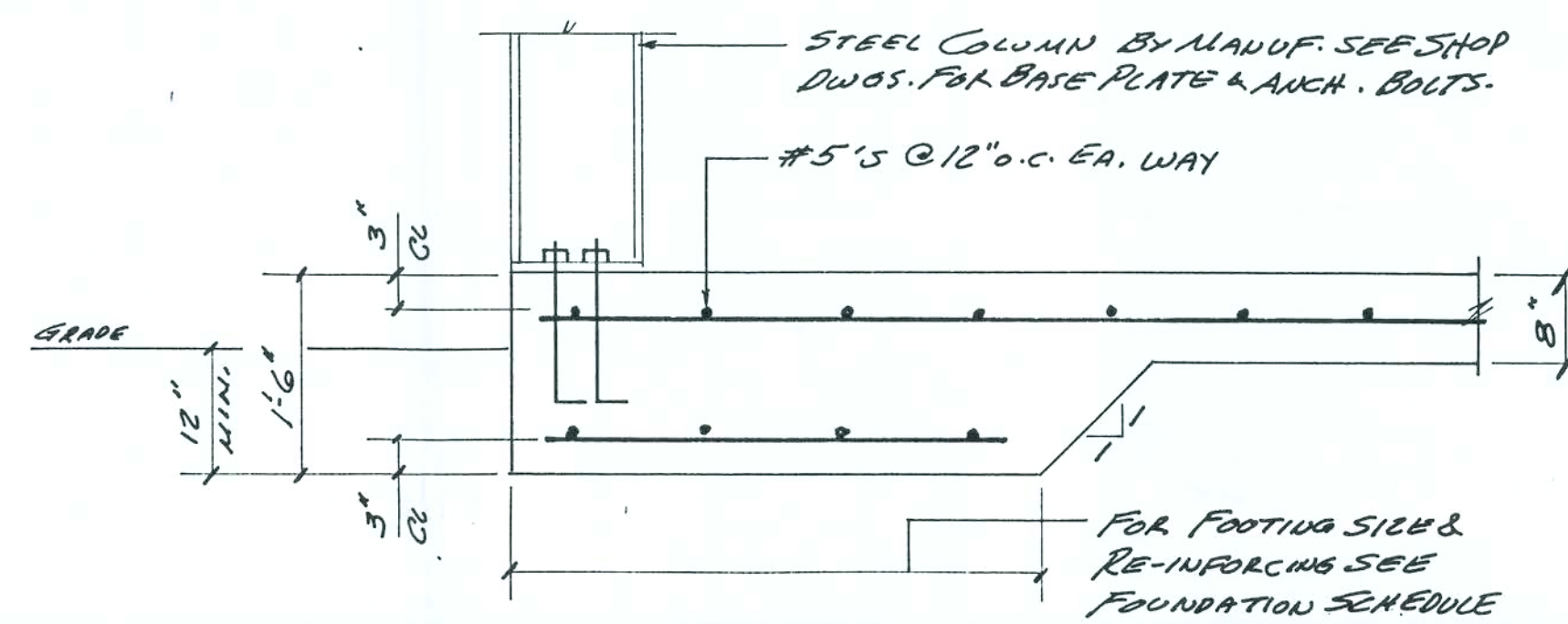
- Codes: Florida Building Code 2004 w/2006 Supplements, American Concrete Institute, American Institute of Steel Construction and American Welding Society.
- Live Loads:

Roof Tributary Area:	0 - 200 sf	201 - 600 sf	over 600 sf	Flat	20 psf	16 psf	12 psf	Slope	16 psf	14 psf	12 psf
- Wind Loads:

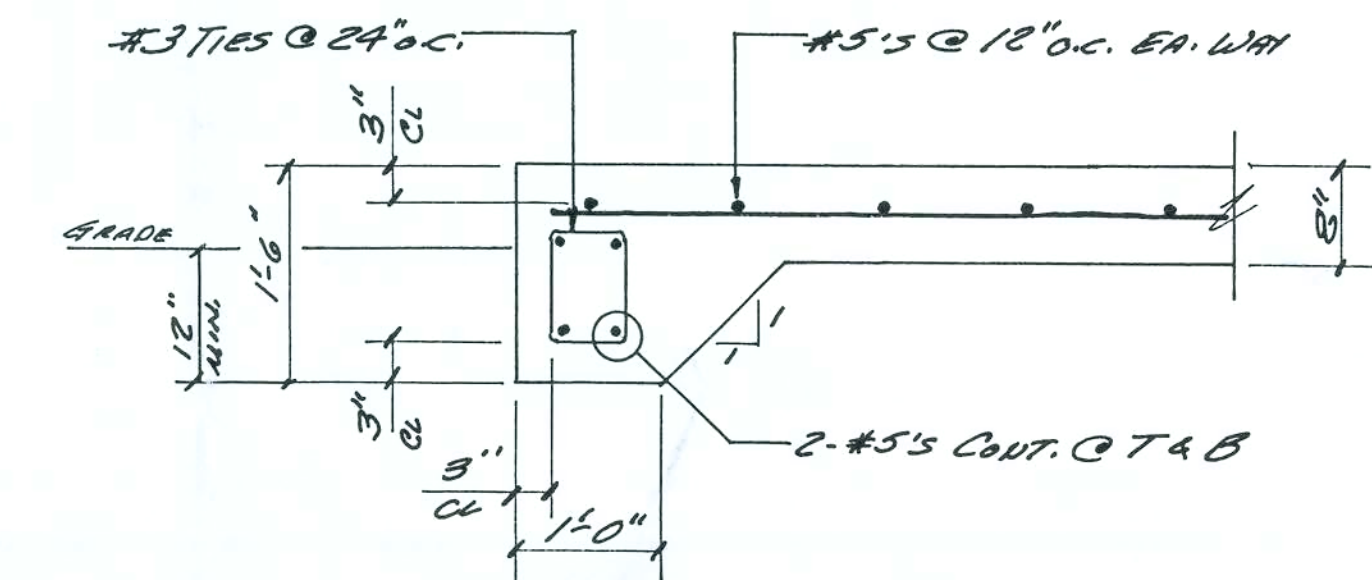
Codes: Florida Building Code 2004 and ASCE 7-02
 Basic Wind Speed: 110 mph
 Wind Importance Factor: $I = 1.0$
 Building Category: II
 Wind Exposure: B
 Enclosure: Enclosed Building
- Allowable Soil Bearing: 1500 psf
- Soil Compaction:

Soil under slab on grade and foundation shall be compacted to 95% modified proctor max. dry density (ASTM D-1557).
- Materials:

	Concrete (Normal weight-28 days)	4000 psi
Reinforcing Bar	ASTM A615, Gr. 60	
Welded Wire Fabric	ASTM A185	
Anchor Bolts	ASTM A307 or A36	
Welds	AWS E70 or E60	
- For anchor bolt size and layout for building, see manufacturer's drawings.

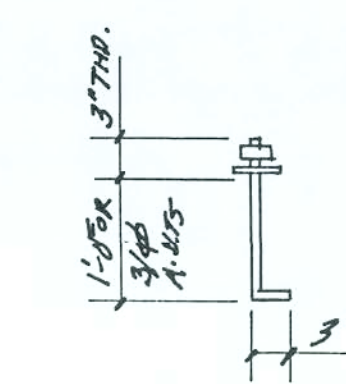


Section A-A



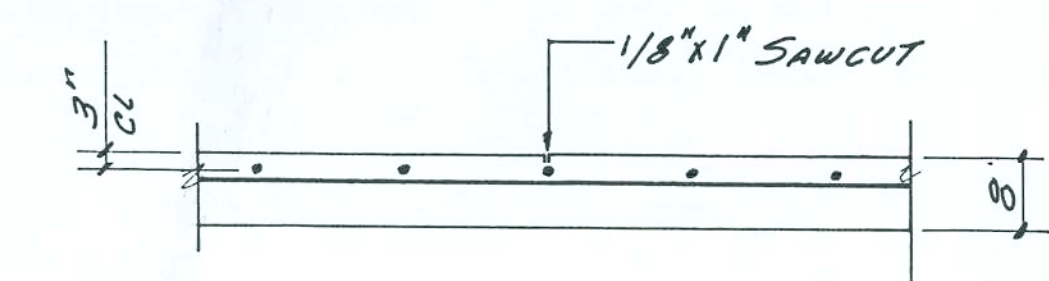
Section B-B

Foundation Schedule			
NO.	SIZE	RE-INFORCING	REMARKS
F1	6'-0" x 4'-0" x 1'-6"	4-#5'S LD	TURN DOWN
F2	4'-0" x 4'-0" x 1'-6"	4-#5'S E.W.	TURN DOWN



Anchor Bolt Detail

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



control joint

Section C-C

Arrowhead Maintenance

PLAN NO.

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ISSUED 12-28-08
REVISIONS 01-26-08

Contractor and owner shall verify all notes, dimensions, and adherence to all applicable building codes prior to commencement of any construction. Any discrepancy shall be brought to the attention of the office for correction. Neither the plan nor any portion of this plan shall be copied, reproduced, or modified except by Larry Willis and Associates, Inc.

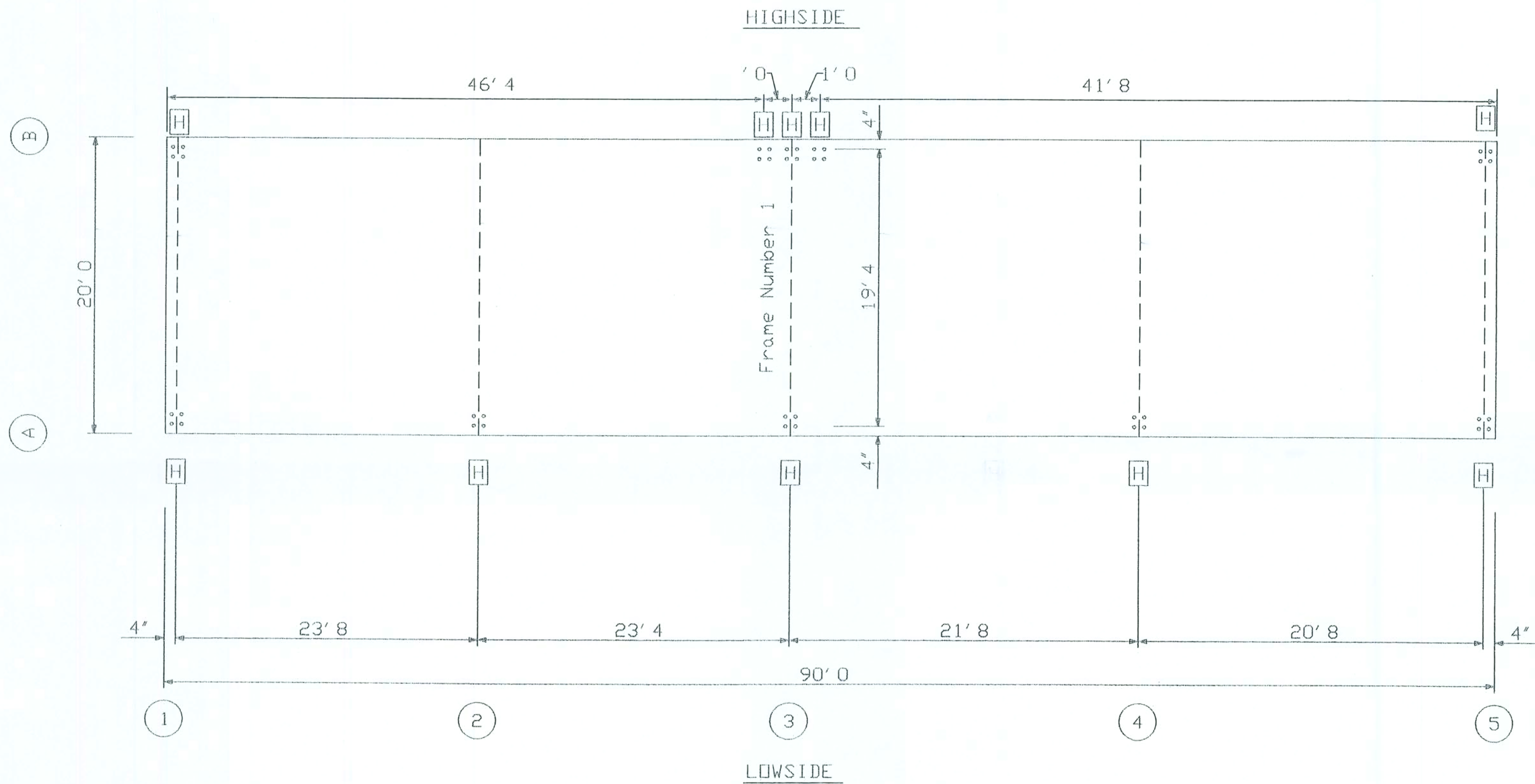
LARRY WILLIS AND ASSOCIATES, INC.
Designers And Planners
Jacksonville, FL
Phone (904) 268-3814
Fax (904) 268-5628

LEE J. ENGINEERING, INC.
Lee J. Lee P.E.
10325 N. 15th Ave.
Jacksonville, FL 32256
PH 904-315-1594
CELL 904-255-5171

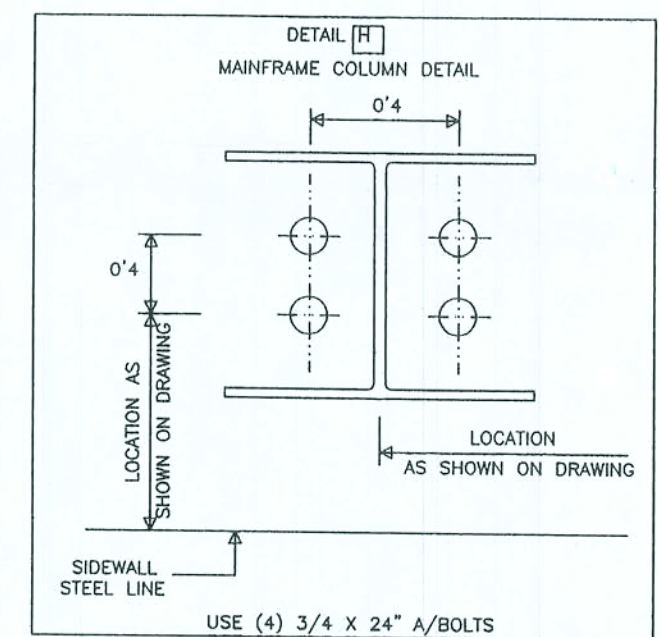
SHEET

101

Columbia Co., FL



QTY	DESCRIPTION	PROJECTION (IN)
40	AB, 75X24	2.00



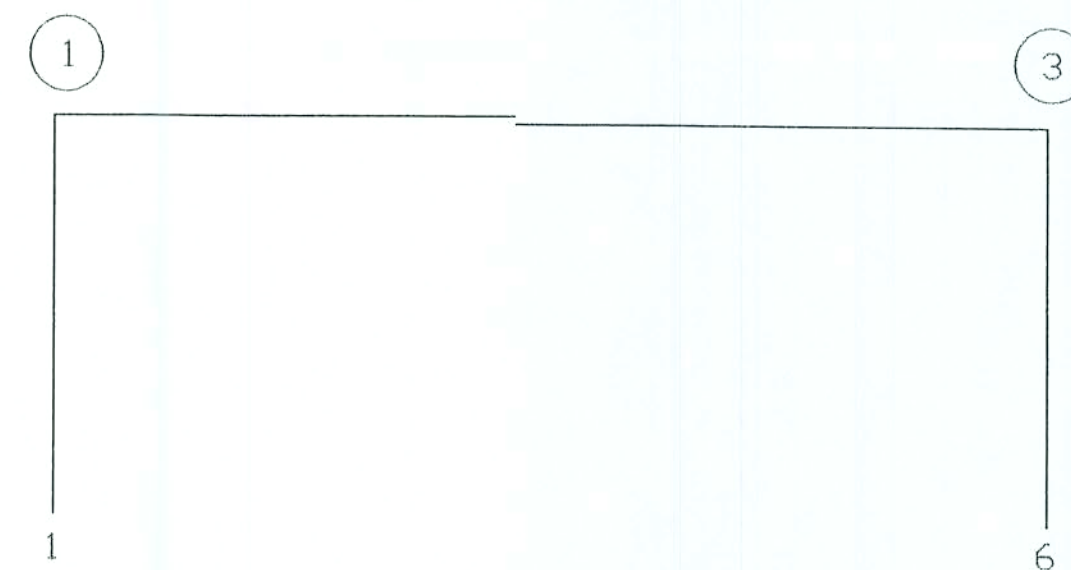
DESIGN CRITERIA		HARRY V. WHIDDON, P.E. P.O. BOX 207 ADEL, GA. 31620 (229) 896-7569 LICENSE NO 38968
BUILDING CODE:	FBC	
LIVE LOAD TO FRAMES:	16 PSF	JOB # 6954-AB
LIVE LOAD TO PURLINS:	20 PSF	
COLLATERAL LOAD:	0 PSF	SHEET 1 OF 8
SNOW LOAD:	0 PSF	
WIND LOAD: (3 SECOND GUST)	110 MPH	12-17-08
WIND IMPORTANCE FACTOR:	1.0	
WIND EXPOSURE:	1	ANCHOR BOLT PLAN
CATEGORY: (SEISMIC USE GROUP)	1	
PLAN:		



Frame Number 1

NOTE: POSITIVE REACTIONS ARE UP AND TO THE LEFT.

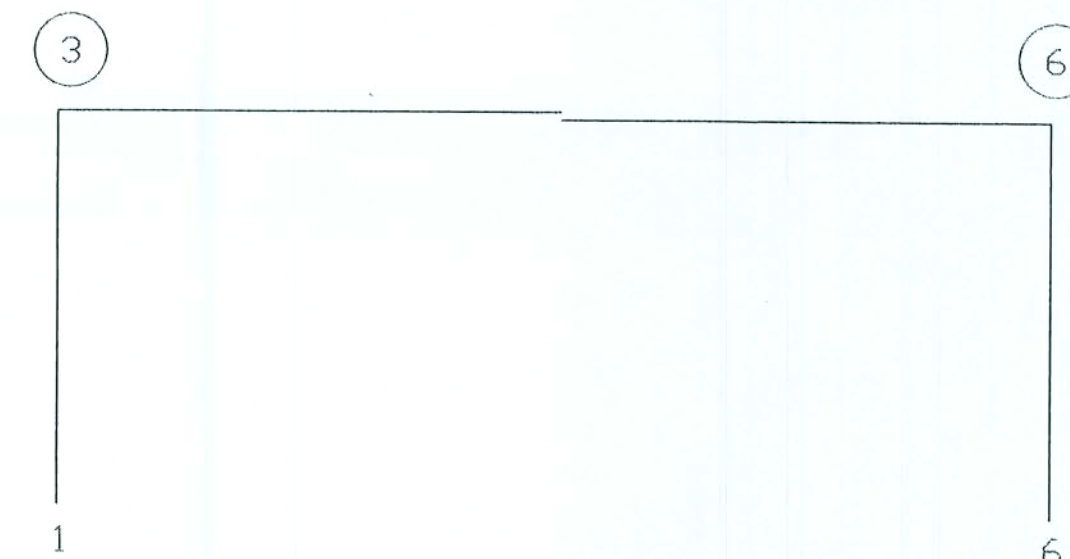
DESCRIPTION		REACTION (KIPS)		
		SUPPORT	HORIZ	VERT
19 D+L+C		1	-.25	4.02
19 D+L+C		6	.25	7.38
20 D+L+W C1IP L		1	.88	-3.78
20 D+L+W C1IP L		6	4.92	.73
21 D+L+W C1IP R		1	-5.73	4.45
21 D+L+W C1IP R		6	-1.31	-2.21
22 D+L+W C1IS L		1	5.23	.89
22 D+L+W C1IS L		6	.57	5.40
23 D+L+W C1IS R		1	-1.38	9.12
23 D+L+W C1IS R		6	-5.66	2.46
24 D+L+W C2IP L		1	-4.52	-.40
24 D+L+W C2IP L		6	4.02	-2.64
25 D+L+W C2IP R		1	-4.30	.27
25 D+L+W C2IP R		6	4.26	1.98
26 D+L+W C2IS L		1	-.17	4.26
26 D+L+W C2IS L		6	-.32	2.02
27 D+L+W C2IS R		1	.05	4.93
27 D+L+W C2IS R		6	-.08	6.65
28 O.6D+W C1IP L		1	1.13	-7.54
28 O.6D+W C1IP L		6	4.67	-5.67
29 O.6D+W C1IP R		1	-5.48	.69
29 O.6D+W C1IP R		6	-1.56	-8.60
30 O.6D+W C1IS L		1	5.47	-2.87
30 O.6D+W C1IS L		6	.32	-1.00
31 O.6D+W C1IS R		1	-1.13	5.36
31 O.6D+W C1IS R		6	-5.90	-3.94
32 O.6D+W C2IP L		1	-4.27	-4.16
32 O.6D+W C2IP L		6	3.77	-9.04
33 O.6D+W C2IP R		1	-4.05	-3.49
33 O.6D+W C2IP R		6	4.02	-4.42
34 O.6D+W C2IS L		1	.07	.51
34 O.6D+W C2IS L		6	-.57	-4.38
35 O.6D+W C2IS R		1	.30	1.17
35 O.6D+W C2IS R		6	-.33	.25
36 D+C		1	-.02	.47
36 D+C		6	.02	1.33



JACK FRAME 1

NOTE: POSITIVE REACTIONS ARE UP AND TO THE LEFT.

DESCRIPTION		REACTION (KIPS)		
		SUPPORT	HORIZ	VERT
19 .6D+W C2IP L		1	-0.163	-4.086
19 .6D+W C2IP L		6	-0.933	-5.279
20 .6D+W C2IP R		1	0.933	-5.279
20 .6D+W C2IP R		6	0.163	-4.087
21 D+L+C L		1	0.167	4.053
21 D+L+C L		6	0.928	5.245
22 D+L+C R		1	-0.928	5.245
22 D+L+C R		6	-0.167	4.053

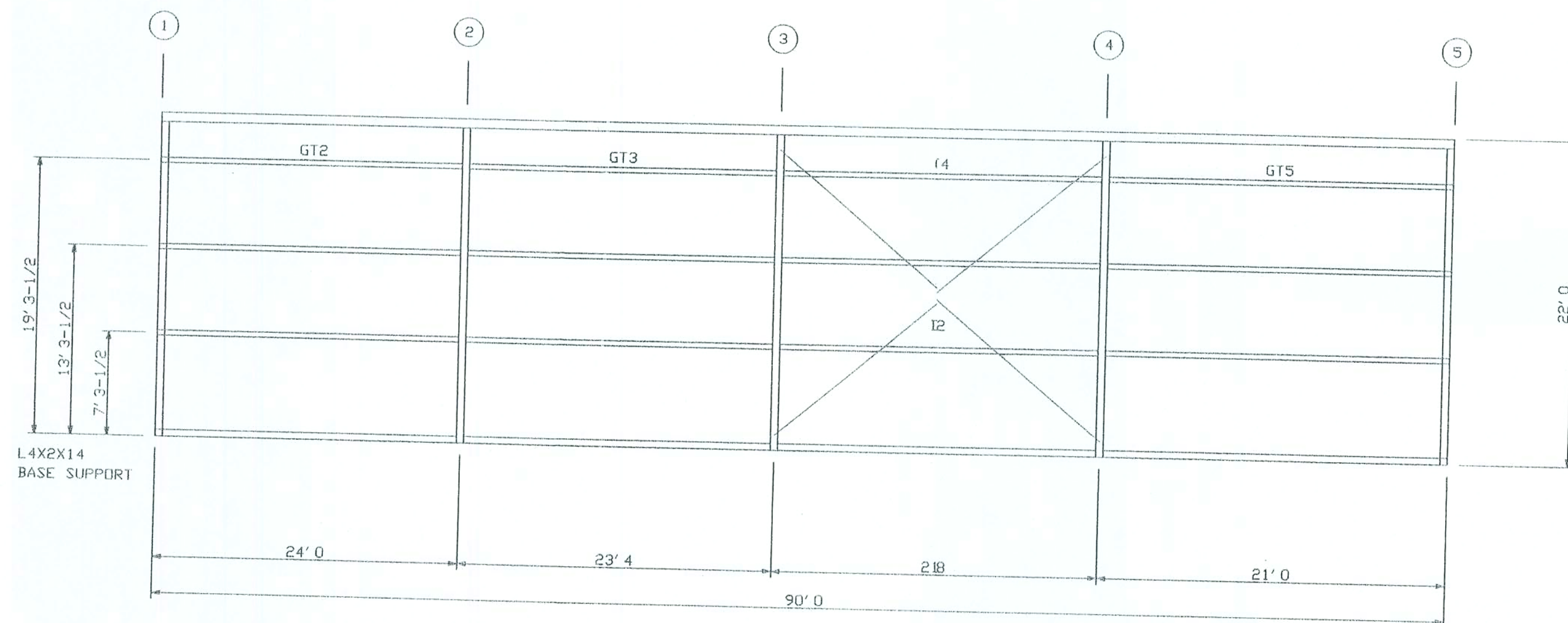


JACK FRAME 2

NOTE: POSITIVE REACTIONS ARE UP AND TO THE LEFT.

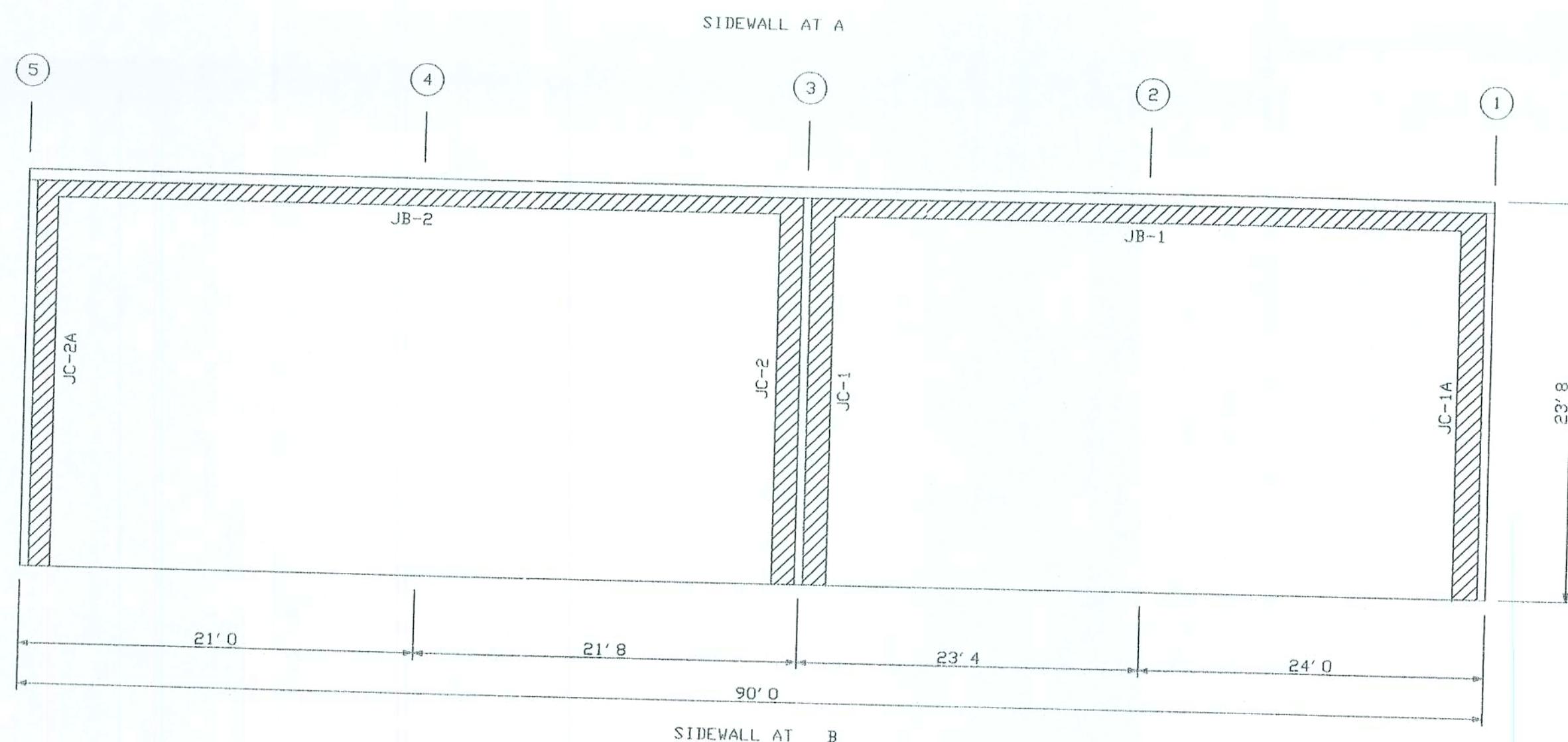
DESCRIPTION		REACTION (KIPS)		
		SUPPORT	HORIZ	VERT
19 .6D+W C2IP L		1	-0.033	-4.149
19 .6D+W C2IP L		6	-1.136	-5.210
20 .6D+W C2IP R		1	1.136	-5.210
20 .6D+W C2IP R		6	-0.033	-4.149
21 D+L+C L		1	0.026	4.123
21 D+L+C L		6	1.129	5.185
22 D+L+C R		1	1.129	5.184
22 D+L+C R		6	0.026	4.124

DESIGN CRITERIA BUILDING CODE: FBC LIVE LOAD TO FRAMES: 16 PSF LIVE LOAD TO PURLINS: 20 PSF COLLATERAL LOAD: 0 PSF SNOW LOAD: 0 PSF WIND LOAD: (3 SECOND GUST) 110 MPH WIND IMPORTANCE FACTOR: 1.0 WIND EXPOSURE: B CATEGORY: (SEISMIC USE GROUP) I		HARRY V. WHIDDON, P.E. P.O. BOX 207 ADEL, GA. 31620 (229) 896-7569 LICENSE NO 38968
PLAN: COLUMN REACTIONS	JOB # 6954-CR SHEET 2 OF 8	 12-17-08



QTY	PART MARK	DESCRIP	LENGTH	LAP TOWARD LINE # 1	LAP TOWARD LINE # 5
2	DB2	CAB . 25	29' 6		
3	GT2	1 1/2 2 5 2	23' 1- 3/ 4		
3	GT3	1 1/2 2 5 2	22' 9- 3/ 4		
3	GT4	1 1/2 2 5 2	21' 1- 3/ 4		
3	GT5	1 1/2 2 5 2	20' 1- 3/ 4		

NOTE:
1: FIELD SLOT GIRTS FOR CABLE
OR RELOCATE CONNECTIONS ON COLUMNS
FOR CABLES, USING ANGLE PROVIDED.



DESIGN CRITERIA			
BUILDING CODE:	FBC	HARRY V. WHIDDON, P.E.	
LIVE LOAD TO FRAMES:	16 PSF	P.O. BOX 207	
LIVE LOAD TO PURLINS:	20 PSF	ADEL, GA. 31620	
COLLATERAL LOAD:	0 PSF	(229) 896-7569	
SNOW LOAD:	0 PSF	LICENSE NO 38968	
WIND LOAD: (3 SECOND GUST)	110 MPH		
WIND IMPORTANCE FACTOR:	1		
WIND EXPOSURE:	B		
CATEGORY: (SEISMIC USE GROUP)	1		
PLAN:		JOB # 6954-SF	
		SHEET 3 OF 8	

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

SCALE: N.T.S. DATE: 12/05/2008

DRAWN BY: JESSICA KALINOWSKI

BUILDING SIZE: 20x90x22

REVISION

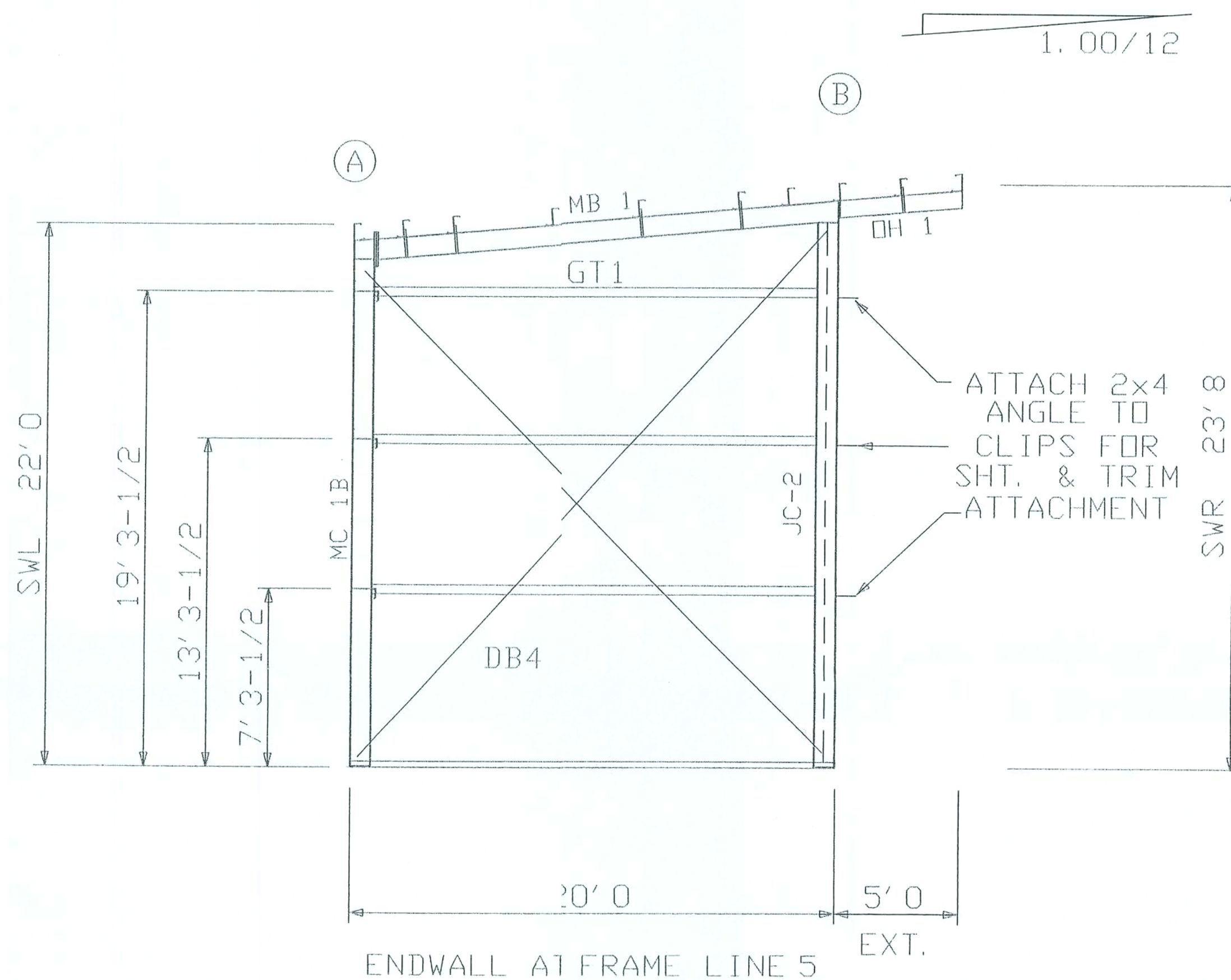
DATE: DESCRIPTION

TITLE/LOCATION

ARROWHEAD MAINTENANCE
COLUMBIA CO, FL.

SIDEWALL FRAMING

[Signature]
12-17-08



QTY	PART MARK	DESCRIP	LENGTH	LAP TOWARD LINE #: A	LAP TOWARD LINE #: B
3	GT1	8Z2.5 2	18' 5- 3/ 8		
2	DB4	CAB . 25	28' (		

LITE

ONTRACTING INC.

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

SCALE: N.T.S. DATE: 12/05/2008
DRAWN BY: JESSICA KALINOWSKI
BUILDING SIZE: 20x90x22

REVISION
DATE: DESCRIPTION

TITLE/LOCATION
ARROWHEAD MAINTENANCE
COLUMBIA CO, FL.

DESIGN CRITERIA

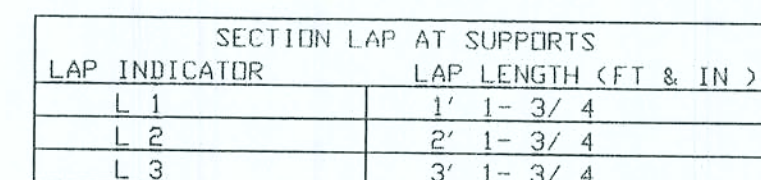
BUILDING CODE: FBC
LIVE LOAD TO FRAMES: 16 PSF
LIVE LOAD TO PURLINS: 20 PSF
COLLATERAL LOAD: 0 PSF
SNOW LOAD: 0 PSF
WIND LOAD: (3 SECOND GUST) 110 MPH
WIND IMPORTANCE FACTOR: 1.0
WIND EXPOSURE: 1
CATEGORY: (SEISMIC USE GROUP) I

HARRY V. WHIDDON, P.E.
P.O. BOX 207
ADEL, GA. 31620
(229) 896-7569
LICENSE NO 38968

PLAN:
ENDWALL FRAMING

JOB # 6954-EF
SHEET 4 OF 8

H. V. Whiddon
12-17-08



- QTY	PART MARK	DESCRIP	LENGTH	LAP TOWARD LINE #: 1	LAP TOWARD LINE #: 5
2	DB1	CAB . 25	28' 6		
2	DB3	CAB . 25	30' 8		
8	PR1	8Z2.5 6	27' 1- 1/ 2	3 (3)	
8	PR2	8Z2.5 6	27' 7- 1/ 2	3 (3)	1 (1)
8	PR3	8Z2.5 6	24' 11- 1/ 2	1 (1)	2 (2)
8	PR4	8Z2.5 6	23' 1- 1/ 2		2 (2)
1	ES1	8 ES 14	23' 11- 1/ 2		
1	ES2	8 ES 14	23' 3- 1/ 2		
1	ES3	8 ES 14	21' 7- 1/ 2		
1	ES4	8 ES 14	20' 11- 1/ 2		
1	ES5	8ESDS12	23' 11- 1/ 2		
1	ES6	8ESDS12	23' 3- 1/ 2	DOWN SLOPE	
1	ES7	8ESDS12	21' 7- 1/ 2	DOWN SLOPE	
1	ES8	8ESDS12	20' 11- 1/ 2	DOWN SLOPE	

CONTRACTING INC.

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

SCALE: N.T.S.	DATE: 12/05/2008
DRAWN BY: JESSICA KALINOWSKI	
BUILDING SIZE: 20x90x22	

	REVISION
DATE:	DESCRIPTION:

TITLE/LOCATION	
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100	100

ARROWHEAD MAINTENANCE
COLUMBIA CO, FL.

DESIGN CRITERIA

```

BUILDING CODE:
LIVE LOAD TO FRAMES:
LIVE LOAD TO PURLINS:
COLLATERAL LOAD:
SNOW LOAD:
WIND LOAD: (3 SECOND Gust)
WIND IMPORTANCE FACTOR:
WIND EXPOSURE:
CATEGORY: (SEISMIC USE GROUP)

```

FBC		HARRY V. WHIDDON, P.E.
16	PSF	P.O. BOX 207
20	PSF	ADEL, GA. 31620
0	PSF	(229) 896-7569
0	PSF	LICENSE NO 38968
110	MPH	
1		

PLAN:

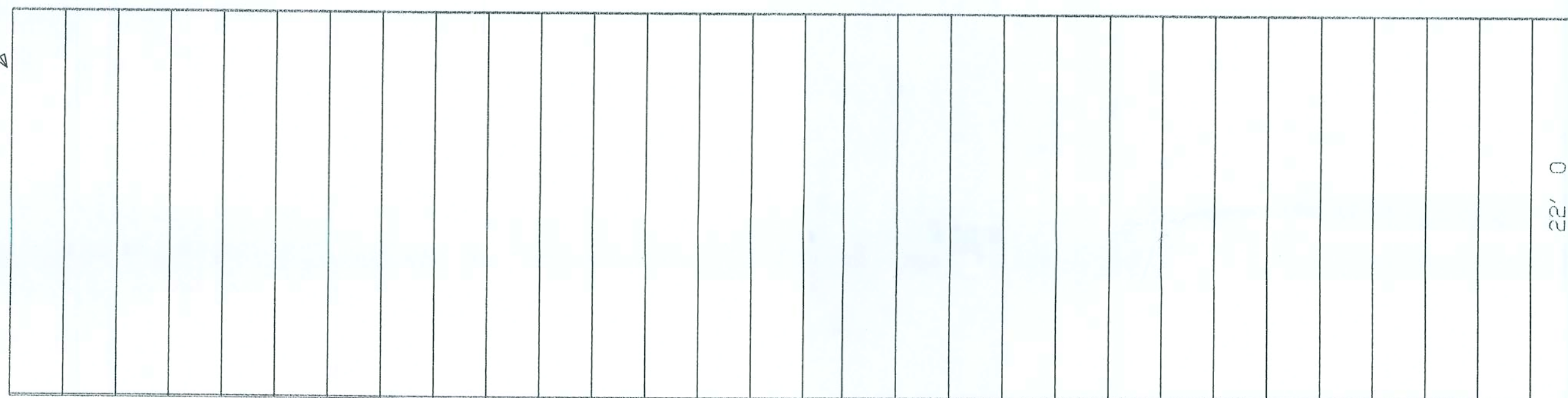
ROOF FRAMING

JOB # 6954-RF

SHEET 5 OF 8

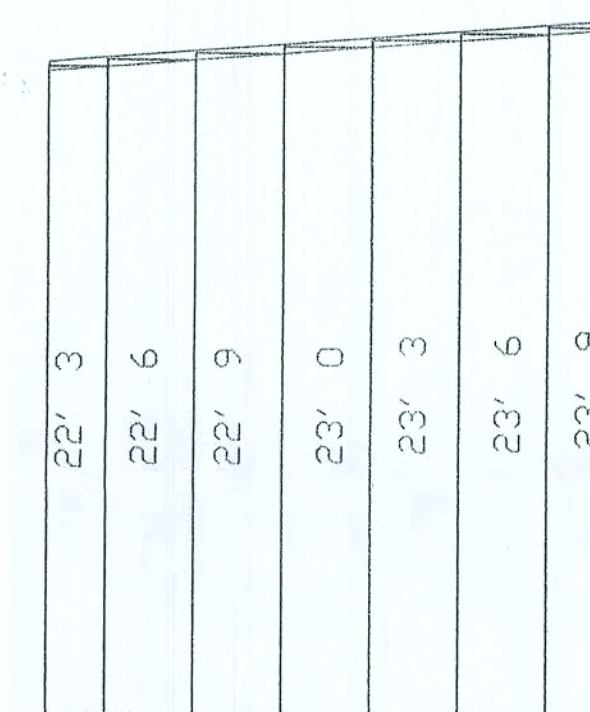
12-17-08

FASTEN 2x4 ANGLE TO COLUMN
FOR CORNER TRIM AND SHEET
ATTACHMENT (THIS CORNER)



SIDEWALL AT A

FASTEN 2x4 ANGLE TO CLIPS ON
COLUMN FOR CORNER TRIM AND SHEET
ATTACHMENT (THIS CORNER)



NOTE: ENDWALL AT 5

PANEL FOR ENDWALL IS R C 26
PANEL FOR SIDEWALL IS R C 26

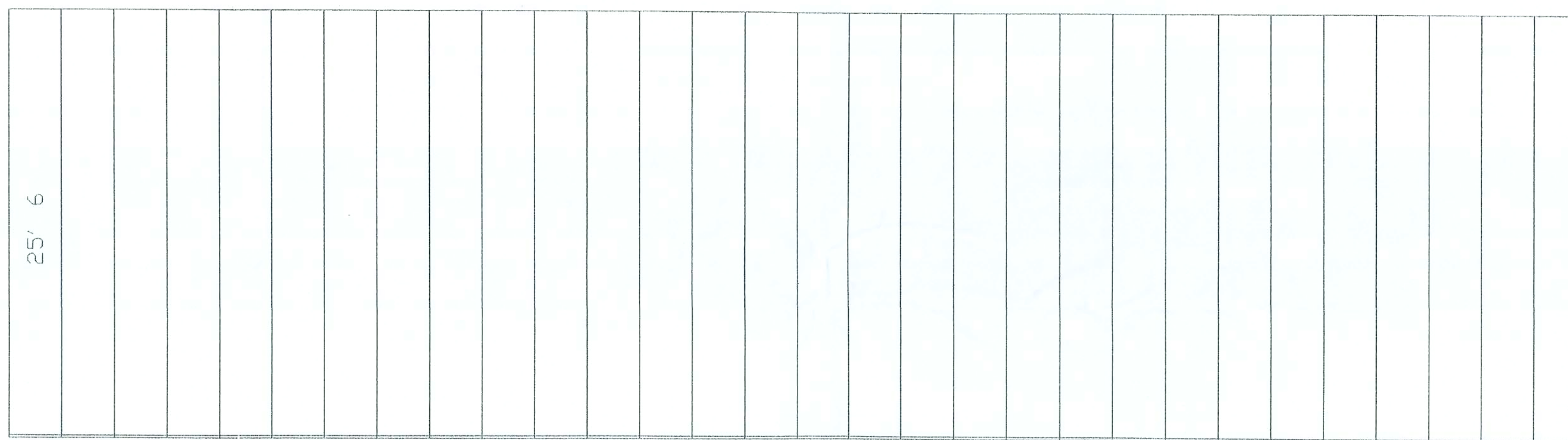
LITE
CONTRACTING INC.
PH 229-896-7569
FAX 229-896-7560
P.O. BOX 207
ADEL, GA 31620

SCALE: N.T.S.	DATE: 12/05/2008	REVISION
DRAWN BY: JESSICA KALINOWSKI	DATE:	DESCRIPTION
BUILDING SIZE: 20x90x22		

TITLE/LOCATION
ARROWHEAD MAINTENANCE
COLUMBIA CO, FL.

DESIGN CRITERIA			HARRY V. WHIDDON, P.E. P.O. BOX 207 ADEL, GA. 31620 (229) 896-7569 LICENSE NO 38968
BUILDING CODE:	FBC		
LIVE LOAD TO FRAMES:	16	PSF	
LIVE LOAD TO PURLINS:	20	PSF	
COLLATERAL LOAD:	0	PSF	
SNOW LOAD:	0	PSF	
WIND LOAD: (3 SECOND GUST)	110	MPH	
WIND IMPORTANCE FACTOR:	1		
WIND EXPOSURE:	B		
CATEGORY: (SEISMIC USE GROUP)	I		
PLAN:	WALL SHEETING		JOB # 6954-WS
			SHEET 6 OF 8

H. Wein
12-17-08



ROOF PANEL LAYOUT
 PANEL FOR ROOF IS GALV. 26 GA.

DESIGN CRITERIA		HARRY V. WHIDDON, P.E. P.O. BOX 207 ADEL, GA. 31620 (229) 896-7569 LICENSE NO 38968
BUILDING CODE:	FBC	
LIVE LOAD TO FRAMES:	16 PSF	
LIVE LOAD TO PURLINS:	20 PSF	
COLLATERAL LOAD:	0 PSF	
SNOW LOAD:	0 PSF	
WIND LOAD: (3 SECOND GUST)	110 MPH	
WIND IMPORTANCE FACTOR:	1	
WIND EXPOSURE:	B	
CATEGORY: (SEISMIC USE GROUP)	I	

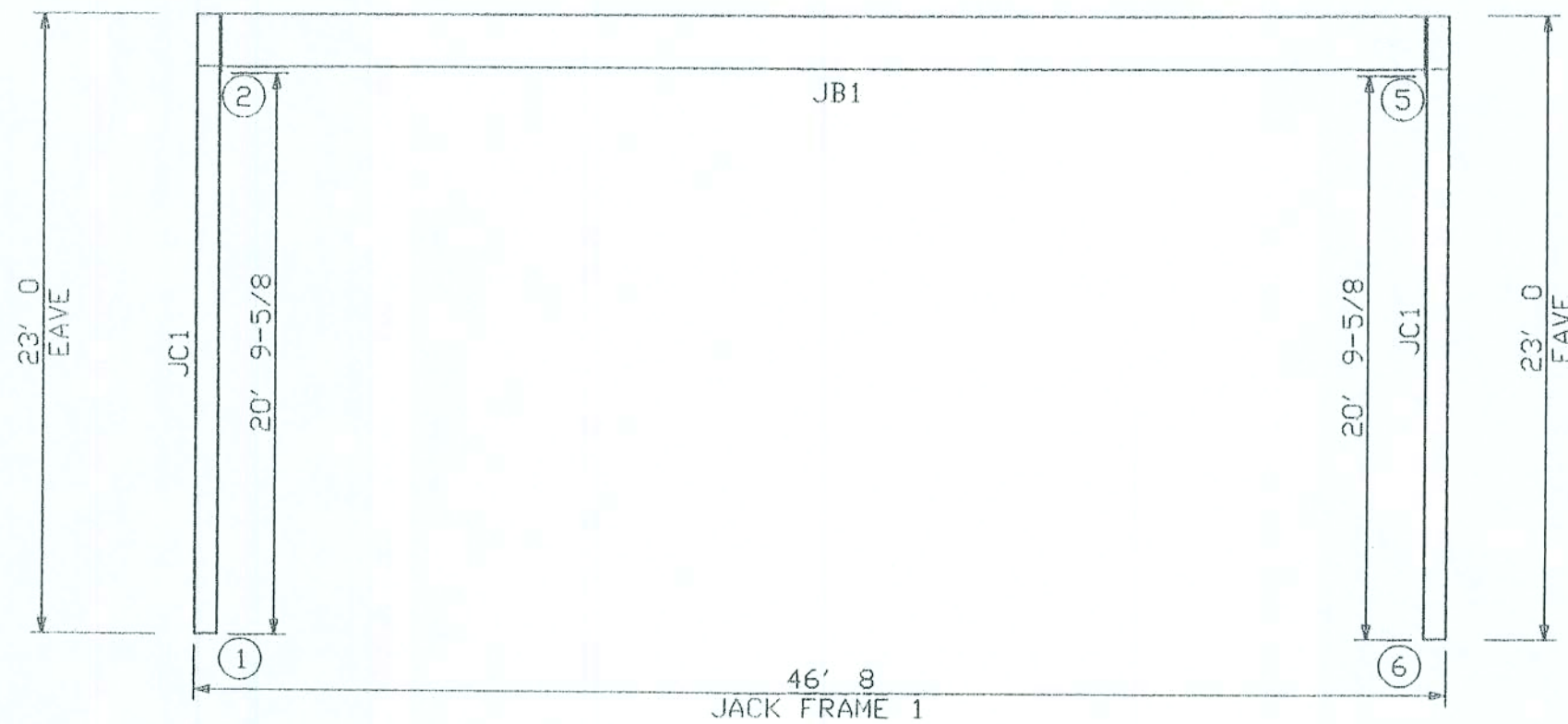
PLAN:	ROOF SHEETING	JOB #	6954-RS
		SHEET	7 OF 8

[Signature]
12-17-08

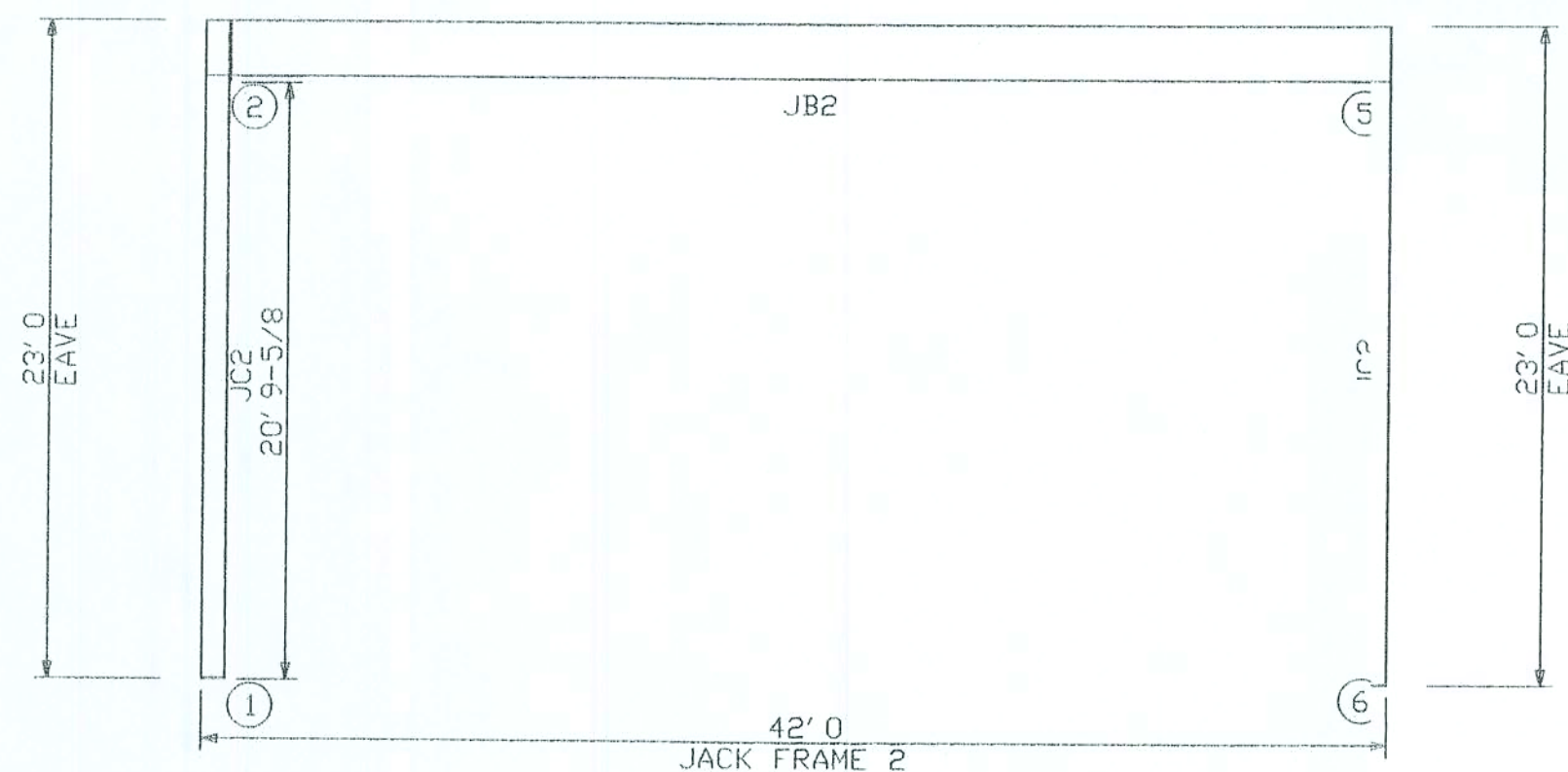
LITE CONTRACTING INC
 PH 229-896-7569
 FAX 229-896-7560
 P.O. BOX 207
 ADEL, GA 31620

SCALE:	N.T.S.	DATE:	12/05/2008
DRAWN BY:	JESSICA KALINOWSKI	DATE:	
BUILDING SIZE:	20x20x22	REVISION	

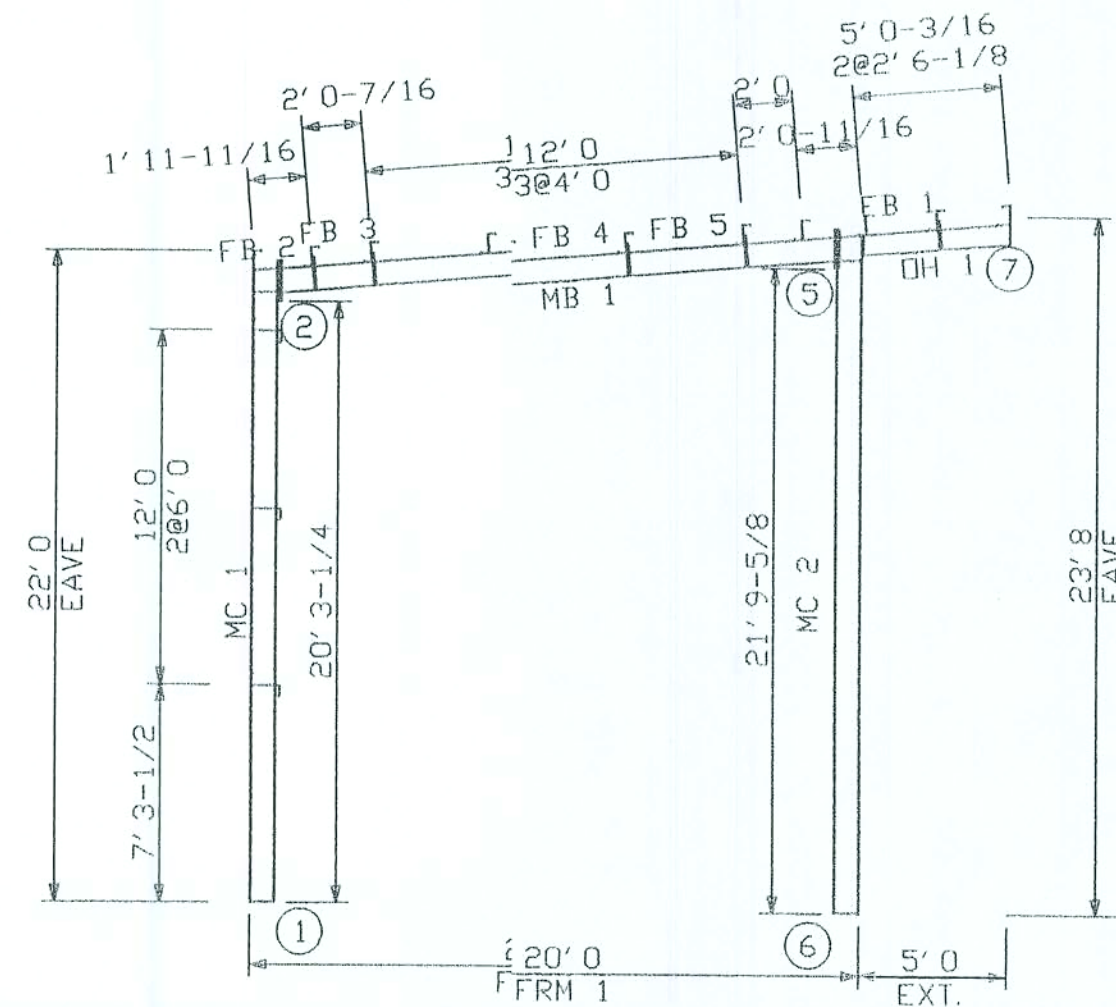
TITLE/LOCATION	ARROWHEAD MAINTENANCE COLUMBIA CO. FL
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JOINT INFORMATION					
JOINT	PARTMARK	DEPTH	THICKNESS	BOLT QTY	DESCRIPTION
1	JC1	9-7/16	0.2300	4	AB. 75X24
2	JC1	9-7/16	0.2300	8	H. 75X200
6	JC1	9-7/16	0.2300	4	AB. 75X24
5	JC1	9-7/16	0.2300	8	H. 75X200
2	JB1	1' 11	0.1345		
5	JB1	1' 11	0.1345		
3	JB1	1' 11	0.1345		



JOINT INFORMATION					
JOINT	PARTMARK	DEPTH	THICKNESS	BOLT QTY	DESCRIPTION
1	JC 2	9-7/16	0.1900	4	AB. 75X24
2	JC 2	9-7/16	0.1900	8	H. 75X200
6	JC 2	9-7/16	0.1900	4	AB. 75X24
5	JC 2	9-7/16	0.1900	8	H. 75X200
2	JB 2	1' 11	0.1345		
5	JB 2	1' 11	0.1345		
3	JB 2	1' 11	0.1345		



JOINT INFORMATION					
JOINT	PARTMARK	DEPTH	THICKNESS	BOLT QTY	DESCRIPTION
1	MC 1	9-7/16	0.2400	4	AB. 75X24
2	MC 1	9-7/16	0.2400	8	H1. 0X325
6	MC 2	9-7/16	0.2400	4	AB. 75X24
5	MC 2	9-7/16	0.2400	8	H1. 0X325
5	DH 1	8	0.1345	4	H. 75X200
7	DH 1	8	0.1345		
2	MB 1	9-7/16	0.2400		
5	MB 1	9-7/16	0.2400		
3	MB 1	9-7/16	0.2400		

FLANGE BRACE TABLE				
PARTMARK	LENGTH	PLACEMENT	QTY/FRAME	QTY/BLDG
FB 1	2' 4-15/16	NS	1	5
FB 2	2' 5-1/2	NS	1	5
FB 3	2' 5-1/2	NS	1	5
FB 4	2' 5-1/2	NS	1	5
FB 5	2' 5-1/2	NS	1	5

DESIGN CRITERIA		
BUILDING CODE:	FBC	HARRY V. WHIDDON, P.E.
LIVE LOAD TO FRAMES:	16 PSF	P.O. BOX 207
LIVE LOAD TO PURLINS:	20 PSF	ADEL, GA. 31620
COLLATERAL LOAD:	0 PSF	(229) 896-7569
SNOW LOAD:	0 PSF	LICENSE NO 38968
WIND LOAD: (3 SECOND GUST)	110 MPH	
WIND IMPORTANCE FACTOR:	1.0	
WIND EXPOSURE:	1.0	
CATEGORY: (SEISMIC USE GROUP)	1.0	

LITE
CONTRACTING INC.

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

SCALE: N.T.S. DATE: 12/05/2008
DRAWN BY: JESSICA KALINOWSKI
BUILDING SIZE: 20x90x22

REVISION
DESCRIPTION

TITLE/LOCATION
ARROWHEAD MAINTENANCE
COLUMBIA CO, FL.

CROSS SECTION

JOB # 6954-XS
SHEET 8 OF 8

J. Whiddon
12-17-08