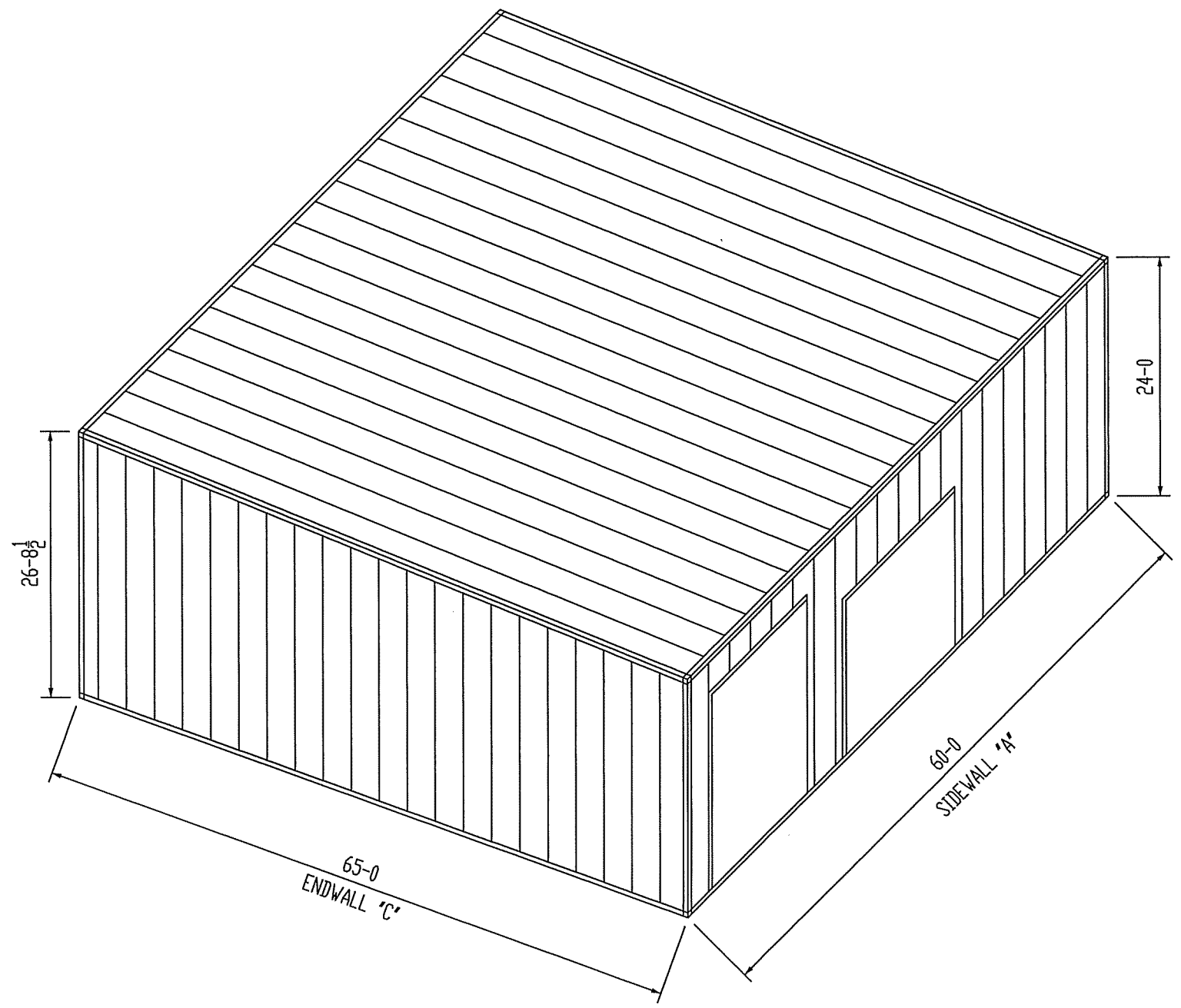


BUILDING CODE: INTERNATIONAL BUILDING CODE 2009  
 OCCUPANCY CATEGORY: 2  
 LIVE LOAD:  
 ROOF LIVE LOAD: 20 (PSF)  
 ROOF LIVE LOAD REDUCTION ALLOWED: YES  
 COLLATERAL LOAD: 5.0 (PSF)  
 SNOW LOAD:  
 GROUND SNOW LOAD (Pg): 5.0 (PSF)  
 FLAT-ROOF SNOW LOAD (Pf): 5.0 (PSF)  
 SNOW EXPOSURE FACTOR (Ce): 1.0  
 SNOW LOAD IMPORTANCE FACTOR (I): 1.0  
 THERMAL FACTOR (Ct): 1.0  
 WIND LOAD:  
 BASIC WIND SPEED (3-SECOND GUST): 130 (MPH)  
 WIND IMPORTANCE FACTOR (I): 1.0  
 WIND EXPOSURE: B  
 ENCLOSURE CLASSIFICATION: ENCLOSED  
 INTERNAL PRESSURE COEFFICIENT: +/-0.18  
 SEISMIC DATA:  
 SEISMIC IMPORTANCE FACTOR (I): 1.0  
 SEISMIC USE GROUP: N/A  
 MAPPED SPECTRAL ACCELERATIONS:  
 Ss: 12.00 % (g) S1: 5.30 % (g)  
 SEISMIC ZONE: N/A  
 SITE CLASS: D  
 SPECTRAL RESPONSE COEFFICIENTS:  
 Sds: 0.128 (g) Sd1: 0.085 (g)  
 SEISMIC DESIGN CATEGORY: B  
 BASIC SEISMIC-FORCE-RESISTING SYSTEMS:  
 ORDINARY STEEL MOMENT FRAMES:  
 SEISMIC RESPONSE COEFFICIENT (Cs): 0.0366  
 RESPONSE MODIFICATION FACTOR (R): 3.50  
 ORDINARY STEEL CONCENTRICALLY BRACED FRAMES:  
 SEISMIC RESPONSE COEFFICIENT (Cs): 0.0394  
 RESPONSE MODIFICATION FACTOR (R): 3.25  
 ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

TABLE OF CONTENTS

DRAWING NO.	DRAWING TITLE
C1	COVER PAGE
A1 - 2	ANCHOR BOLT PLAN AND REACTIONS

BUILDING WIDTH : 65'-0"  
 BUILDING LENGTH : 60'-0"  
 EAVE HGT. SIDEWALL "A" : 24'-0"  
 EAVE HGT. SIDEWALL "B" : 26'-8 1/2"  
 ROOF PITCH : 1/2 : 12  
 BAY SPACING : 3 @ 20'-0"  
 ROOF PANEL TYPE AND COLOR : PBR 26GA. G/LUME  
 WALL PANEL TYPE AND COLOR : PBR 26GA. L/STONE



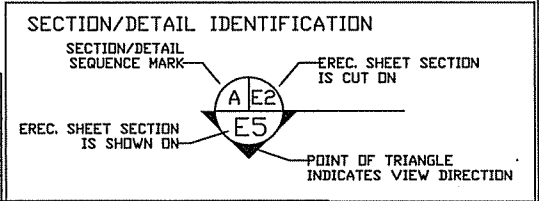
\*Roof System Conforms To Underwriters Laboratories Class 90, Construction No. 161, 1982 Edition.\*  
 Panel:  
 26 Ga. "PBR" Panel  
 Purlin:  
 16 Ga. MIN.  
 50 KSI MIN.  
 5'-0" Space Max.  
 Fasteners:  
 6" D.C. Panel To Purlin At End Laps  
 12" D.C. Panel To Purlin All Other  
 20" D.C. Panel To Panel

THIS DRAWING, INCLUDING THE HEREON, REMAINS THE PROPERTY OF RUFFIN BUILDING SYSTEMS.  
 IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF RUFFIN BUILDING SYSTEMS.

IMPORTANT!!

NOTE:  
 INSTALLING METALLIC COATED STEEL PANELS WITH THE BOTTOM CUT EDGES RESTING ON THE CONCRETE OR EVEN ON BASE TRIM IS NOT RECOMMENDED. THERE SHOULD BE AN AIR GAP BETWEEN THE BOTTOM OF THE PANEL AND THE SURFACE BELOW. ONE QUARTER OF AN INCH IS RECOMMENDED. THE GAP PREVENTS THE STEEL FROM RESTING IN A MOIST ENVIRONMENT. WHEN DIRECT CONTACT OR TOO LITTLE GAP EXISTS A GALVANIC CELL CAN BE PRODUCED WITH THE WATER BEING THE ELECTROLYTE. IF SUCH A CELL IS ALLOWED TO FORM, THE REACTION PREMATURELY CONSUMES THE ZINC OR GALVALUME COATING AND MAY GREATLY REDUCE THE LIFE OF THE MATERIALS

THICKNESS	COLOR	CODE'S	NUMBER
18GA	BLUE		1
18GA	GREEN		2
18GA	ORANGE		3
18GA	YELLOW		4
16GA	WHITE		5



NOTE:  
 1. DESIGNED WITHOUT VISITING THE SITE OF INSTALLATION.  
 2. SEALING OF THESE DRAWINGS DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE RUFFIN BUILDING SYSTEMS ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. FURTHERMORE, SEALING OF THESE DRAWINGS DOES NOT IMPLY RESPONSIBILITY OF ANY AREA, EXCEPT THE STRUCTURAL STEEL DESIGN SPECIFICALLY SHOWN ON THESE SIGNED DRAWINGS.  
 3. QUALITY CONTROL AND ASSURANCE FOR SITE ADAPTATION, COMPETENT FOUNDATION, ERECTION, MATERIALS, AND COMPLIANCE WITH APPLICABLE CODES TO BE ACCOMPLISHED BY OTHERS.  
 4. HARDWARE SUCH AS WINDOWS, OVERHEAD DOORS, AND ASSOCIATED ATTACHMENTS THAT ARE SUPPLIED BY OTHERS MUST HAVE THE SAME LEVEL OF WIND RESISTANCE AS WALL PANELS.  
 5. BUILDING MANUFACTURER INFORMATION: RUFFIN BUILDING SYSTEMS 6914 HWY. 2 - OAK GROVE, LA 71263-PH:318-428-2305  
 6. THE PROFESSIONAL ENGINEER WHO SEALED THIS DRAWING IS AN ENGINEER OR SUBCONTRACTED ENGINEER FOR RUFFIN BUILDING SYSTEMS.

COVER SHEET

REV. 0

SHEET C1

JOB R-4747

JOB NAME: RAY HORVATH

JOB LOCATION: SLIDELL, LA.

DATE 11-07-12

DATE 11-07-12

SCALE: NTS

DRAWN: KA

CHECKED: KA

PERMIT/APP: DATE

REVISION

DWN. CKD.

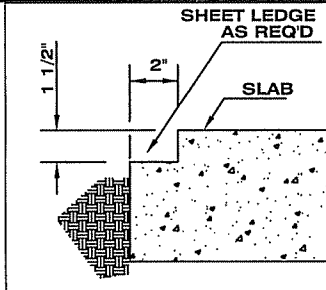
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MBM RUFFIN BUILDING SYSTEMS

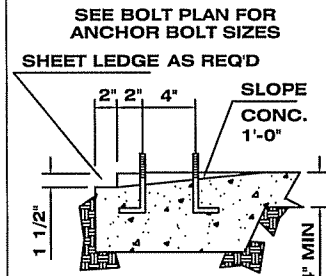
Hwy. 2 West - Oak Grove, La. - (318)428-2305

APPROVED

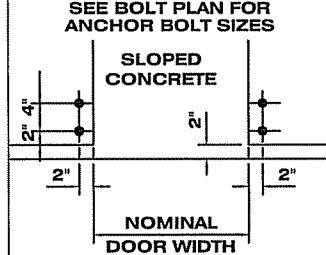
PROFESSIONAL ENGINEER



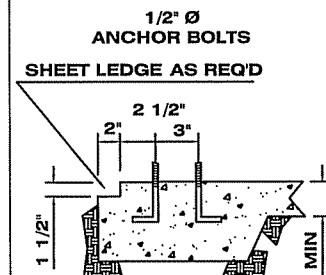
SECTION @ SHEET LEDGE



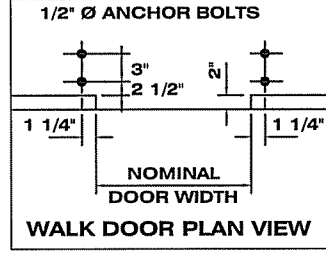
OVERHEAD DOOR CROSS SECTION



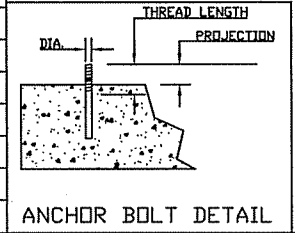
OVERHEAD DOOR PLAN VIEW



WALK DOOR CROSS SECTION

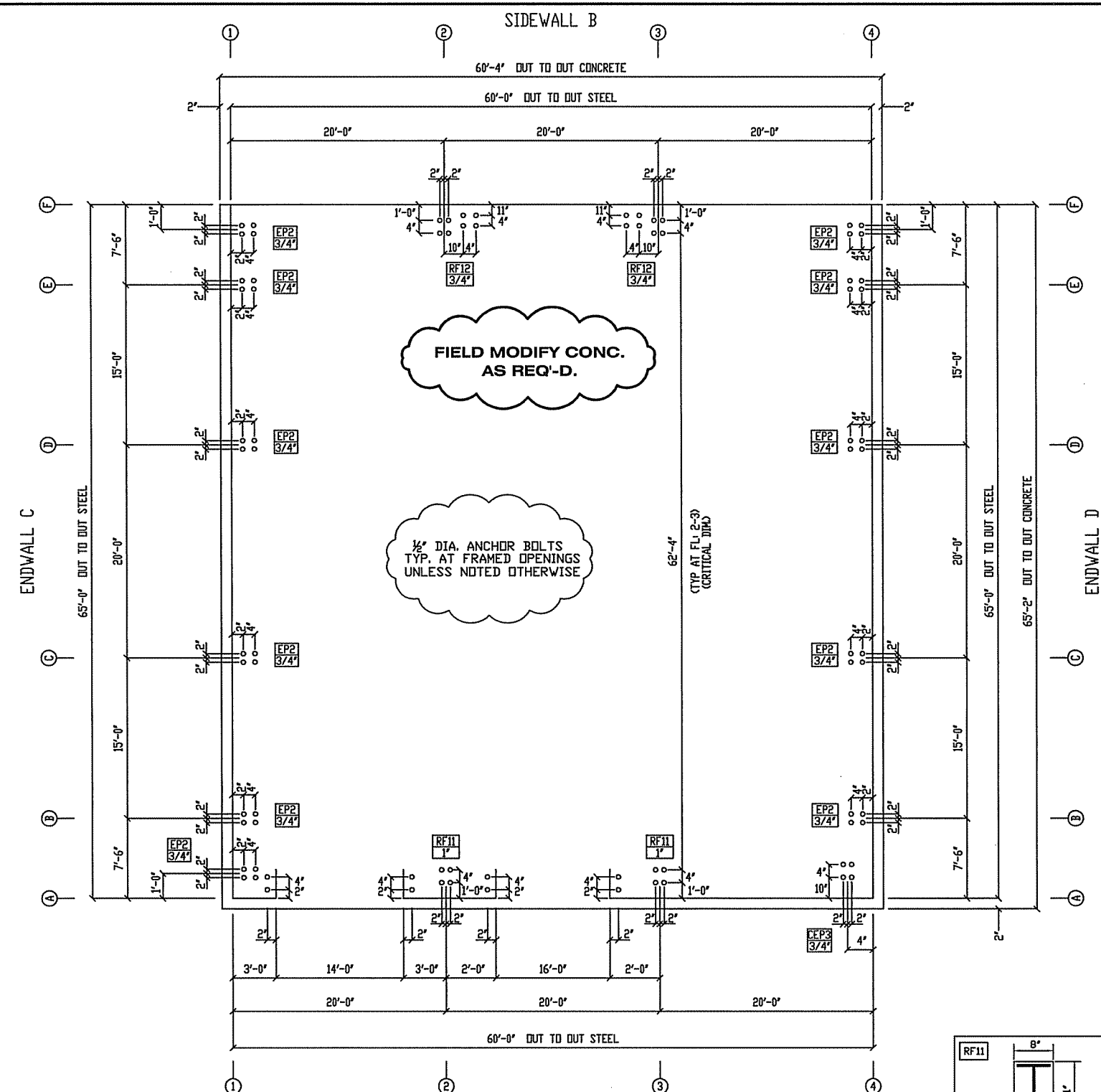


ANCHOR BOLT SCHEDULE				
DIAMETER	THREAD	PROJECTION	QTY.	
1/2"	FOR PERSONAL DOORS AND FIELD LOCATED FRAMED OPENINGS (NOT SHOWN)		16	
1/2"	2"	1 1/2"	8	
3/4"	3"	3"	64	
1"	3"	3"	8	

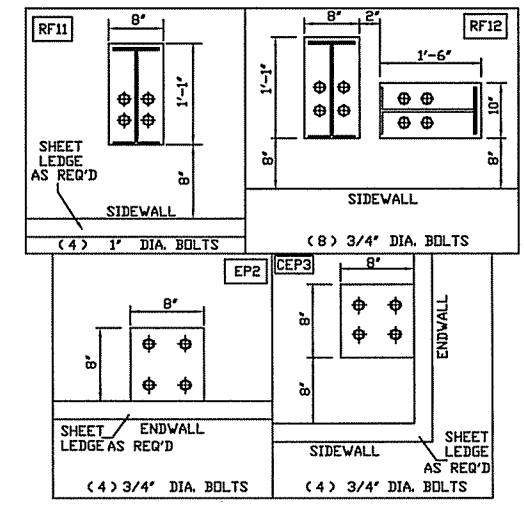


BOLT MATERIAL-ASTM A36 HOOK OR BEND PER A.I.S.C. BLD'G CODE  
 CONCRETE STRENGTH-3000 PSI. OR GOVERNING CODE

NOTE:  
 1) ANCHOR BOLT DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC (FY = 36 KSI)  
 2) ANCHOR BOLT LENGTH AND METHOD OF TRANSFERRING FORCES FROM ANCHOR BOLTS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.



SIDEWALL A  
 ANCHOR BOLT PLAN  
 FINISHED FLOOR ELEVATION = 100'0"  
 BASE PLATE ELEVATION = 100'0" UNLESS OTHERWISE NOTED



**ANCHOR BOLT PLAN**

JOB NAME: RAY HORVATH  
 JOB LOCATION: SLIDELL, LA.

DATE: 11-07-12

SCALE: NTS

PERMIT/APP: DATE

REVISION: REV. 0

SHEET A1 OF 2

JOB R-4747

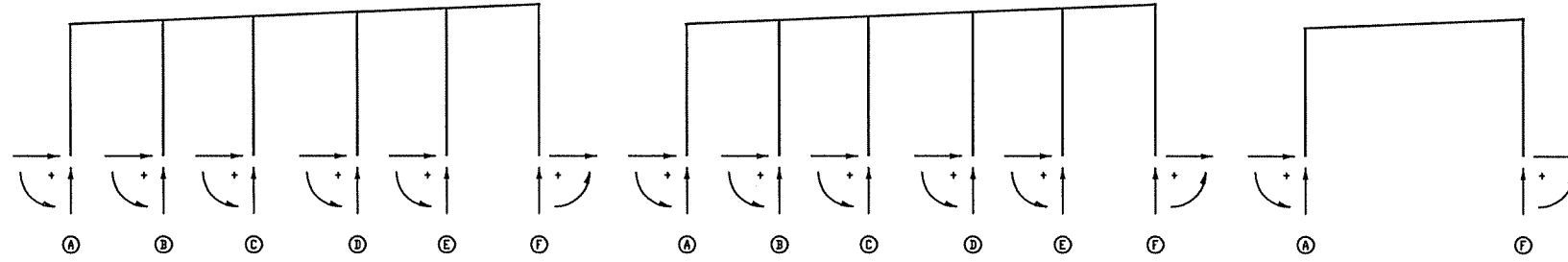
DWN. CKD. DATE

DRAWN: KA  
 CHECKED: KA  
 PERMIT/APP: DATE

APPROVED

PROFESSIONAL ENGINEER

**RUFFIN** BUILDING SYSTEMS  
 Hwy. 2 West - Oak Grove, La. - (318)428-2305

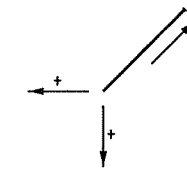


ENDWALL FRAME LINE(S) 1				
LOAD DESCRIPTION	COLUMN ROW	HORZ (Kips)	VERT (Kips)	MOMENT (K-Ft)
DL	A	0.00	0.29	0.00
DL	B	0.00	0.52	0.00
DL	C	0.00	0.82	0.00
DL	D	0.00	0.91	0.00
DL	E	0.00	0.67	0.00
DL	F	0.00	0.32	0.00
LL	A	0.00	0.45	0.00
LL	B	0.00	2.30	0.00
LL	C	0.00	3.75	0.00
LL	D	0.00	3.75	0.00
LL	E	0.00	2.30	0.00
LL	F	0.00	0.45	0.00
SL	A	0.00	0.11	0.00
SL	B	0.00	0.58	0.00
SL	C	0.00	0.94	0.00
SL	D	0.00	0.94	0.00
SL	E	0.00	0.58	0.00
SL	F	0.00	0.11	0.00
COL	A	0.00	0.11	0.00
COL	B	0.00	0.58	0.00
COL	C	0.00	0.94	0.00
COL	D	0.00	0.94	0.00
COL	E	0.00	0.58	0.00
COL	F	0.00	0.11	0.00
VL+	A	-1.05	-0.66	0.00
VL+	B	-2.92	-3.37	0.00
VL+	C	-4.49	-5.48	0.00
VL+	D	-4.63	-5.48	0.00
VL+	E	-3.16	-3.37	0.00
VL+	F	-1.16	-0.66	0.00
VL-	A	1.15	-0.66	0.00
VL-	B	3.23	-3.37	0.00
VL-	C	4.99	-5.48	0.00
VL-	D	5.14	-5.48	0.00
VL-	E	3.50	-3.37	0.00
VL-	F	1.27	-0.66	0.00
DL + LL + COL	A	0.00	0.86	0.00
DL + LL + COL	B	0.00	3.39	0.00
DL + LL + COL	C	0.00	5.51	0.00
DL + LL + COL	D	0.00	5.59	0.00
DL + LL + COL	E	0.00	3.55	0.00
DL + LL + COL	F	0.00	0.88	0.00
0.6DL + VL-	A	1.15	-0.49	0.00
0.6DL + VL-	B	3.23	-3.06	0.00
0.6DL + VL-	C	4.99	-4.99	0.00
0.6DL + VL-	D	5.14	-4.94	0.00
0.6DL + VL-	E	3.50	-2.97	0.00
0.6DL + VL-	F	1.27	-0.47	0.00

ENDWALL FRAME LINE(S) 4				
LOAD DESCRIPTION	COLUMN ROW	HORZ (Kips)	VERT (Kips)	MOMENT (K-Ft)
DL	A	0.00	0.29	0.00
DL	B	0.00	0.52	0.00
DL	C	0.00	0.82	0.00
DL	D	0.00	0.91	0.00
DL	E	0.00	0.67	0.00
DL	F	0.00	0.32	0.00
LL	A	0.00	0.45	0.00
LL	B	0.00	2.30	0.00
LL	C	0.00	3.75	0.00
LL	D	0.00	3.75	0.00
LL	E	0.00	2.30	0.00
LL	F	0.00	0.45	0.00
SL	A	0.00	0.11	0.00
SL	B	0.00	0.58	0.00
SL	C	0.00	0.94	0.00
SL	D	0.00	0.94	0.00
SL	E	0.00	0.58	0.00
SL	F	0.00	0.11	0.00
COL	A	0.00	0.11	0.00
COL	B	0.00	0.58	0.00
COL	C	0.00	0.94	0.00
COL	D	0.00	0.94	0.00
COL	E	0.00	0.58	0.00
COL	F	0.00	0.11	0.00
VL+	A	-3.07	-0.66	0.00
VL+	B	-2.92	-3.37	0.00
VL+	C	-4.49	-5.48	0.00
VL+	D	-4.63	-5.48	0.00
VL+	E	-3.16	-3.37	0.00
VL+	F	-1.16	-0.66	0.00
VL-	A	3.39	-0.66	0.00
VL-	B	3.23	-3.37	0.00
VL-	C	4.99	-5.48	0.00
VL-	D	5.14	-5.48	0.00
VL-	E	3.50	-3.37	0.00
VL-	F	1.27	-0.66	0.00
DL + LL + COL	A	0.00	0.86	0.00
DL + LL + COL	B	0.00	3.39	0.00
DL + LL + COL	C	0.00	5.51	0.00
DL + LL + COL	D	0.00	5.59	0.00
DL + LL + COL	E	0.00	3.55	0.00
DL + LL + COL	F	0.00	0.88	0.00
0.6DL + VL-	A	3.39	-0.49	0.00
0.6DL + VL-	B	3.23	-3.06	0.00
0.6DL + VL-	C	4.99	-4.99	0.00
0.6DL + VL-	D	5.14	-4.94	0.00
0.6DL + VL-	E	3.50	-2.97	0.00
0.6DL + VL-	F	1.27	-0.47	0.00

FRAME LINE(S) 2-3				
LOAD DESCRIPTION	COLUMN ROW	HORZ (Kips)	VERT (Kips)	MOMENT (K-Ft)
DL	A	0.87	2.71	0.00
DL	F	-0.87	2.94	0.00
COL	A	1.30	3.25	0.00
COL	F	-1.30	3.25	0.00
LL	A	3.09	7.78	0.00
LL	F	-3.15	7.82	0.00
SL	A	1.28	3.24	0.00
SL	F	-1.32	3.26	0.00
VLL	A	-9.32	-16.07	0.00
VLL	F	0.91	-12.26	0.00
VLR	A	2.09	-7.05	0.00
VLR	F	7.90	-10.86	0.00
VLL1	A	-1.69	-8.41	0.00
VLL1	F	2.01	-8.19	0.00
VLR1	A	0.21	-3.23	0.00
VLR1	F	-0.33	-2.96	0.00
VEV	A	-2.02	-14.45	0.00
VEV	F	2.33	-13.88	0.00
SEIL	A	-0.24	-0.18	0.00
SEIL	F	-0.22	0.18	0.00
SEIR	A	0.24	0.18	0.00
SEIR	F	0.23	-0.18	0.00
VLL2	A	-8.98	-10.07	0.00
VLL2	F	0.59	-6.54	0.00
VLR2	A	2.44	-9.98	0.00
VLR2	F	7.56	-5.21	0.00
VLL3	A	-2.02	-14.45	0.00
VLL3	F	2.33	-13.88	0.00
VLR3	A	-0.14	-9.26	0.00
VLR3	F	0.01	-8.65	0.00
DL+LL+COL	A	5.27	13.74	0.00
DL+LL+COL	F	-5.32	14.02	0.00
DL+SL+COL	A	3.45	9.20	0.00
DL+SL+COL	F	-3.49	9.46	0.00
0.6DL+VLL	A	-8.79	-14.44	0.00
0.6DL+VLL	F	0.39	-10.50	0.00
0.6DL+VLR	A	2.61	-5.42	0.00
0.6DL+VLR	F	7.37	-9.09	0.00
0.6DL+VEV	A	-1.50	-12.82	0.00
0.6DL+VEV	F	1.80	-12.11	0.00

**BRACING REACTIONS**



FRAME LINE: 3 - COLUMN ROW: A		
LOAD DESCRIPTION	HORZ (Kips)	VERT (Kips)
VLB+	9.20	11.00
SEI+	1.00	1.30

FRAME LINE: 4 - COLUMN ROW: A		
LOAD DESCRIPTION	HORZ (Kips)	VERT (Kips)
VLB-	-9.20	11.00
SEI-	-1.00	1.30

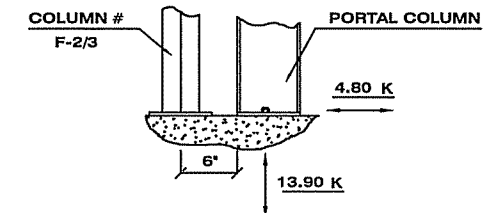
FRAME LINE: 1 - COLUMN ROW: B		
LOAD DESCRIPTION	HORZ (Kips)	VERT (Kips)
VLB-	5.90	6.20
SEI-	0.50	0.80

FRAME LINE: 1 - COLUMN ROW: C		
LOAD DESCRIPTION	HORZ (Kips)	VERT (Kips)
VLB+	5.90	6.20
SEI+	0.50	0.80

FRAME LINE: 4 - COLUMN ROW: B		
LOAD DESCRIPTION	HORZ (Kips)	VERT (Kips)
VLB-	5.90	6.20
SEI-	0.50	0.80

FRAME LINE: 4 - COLUMN ROW: C		
LOAD DESCRIPTION	HORZ (Kips)	VERT (Kips)
VLB+	5.90	6.20
SEI+	0.50	0.80

NOTE:  
THE CABLE/PORTAL REACTIONS SHOWN MUST BE PROPERLY COMBINED WITH THE FRAME REACTIONS FOR PROPER FOUNDATION DESIGN.



**PORTAL COLUMN REACTIONS (AS SHOWN OR REFLECTED)**

REACTION LEGEND	
DL	= DEAD LOAD
COL	= COLLATERAL LOAD
LL	= LIVE LOAD
SL	= BALANCED SNOW LOAD
UB	= UNBALANCED SNOW LOAD
WL	= WIND LOAD
WEW	= WIND LOAD
PS	= PARTIAL SNOW LOAD
ALL	= ALTERNATE LIVE LOAD
CR	= CRANE LOAD
SEI	= SEISMIC LOAD
MZLL	= MEZZANINE LIVE LOAD
MZDL	= MEZZANINE DEAD LOAD
THIS LEGEND IS GENERAL IN PURPOSE. THESE REACTIONS MAY OR MAY NOT APPLY TO THIS PARTICULAR ANCHOR BOLT PLAN.	

**ANCHOR BOLT PLAN**

DATE: \_\_\_\_\_

DWN. CKD. \_\_\_\_\_

REVISION \_\_\_\_\_

REV. 0

SHEET A2 OF 2

JOB R-4747

JOB NAME: RAY HORVATH

JOB LOCATION: SLIDELL, LA.

SCALE: \_\_\_\_\_

DATE 11-07-12

CHECKED: KA

PERMIT/APP: \_\_\_\_\_

DATE \_\_\_\_\_

**RUFFIN BUILDING SYSTEMS**

Hwy. 2 West -- Oak Grove, La. -- (318)428-2305

APPROVED

PROFESSIONAL ENGINEER