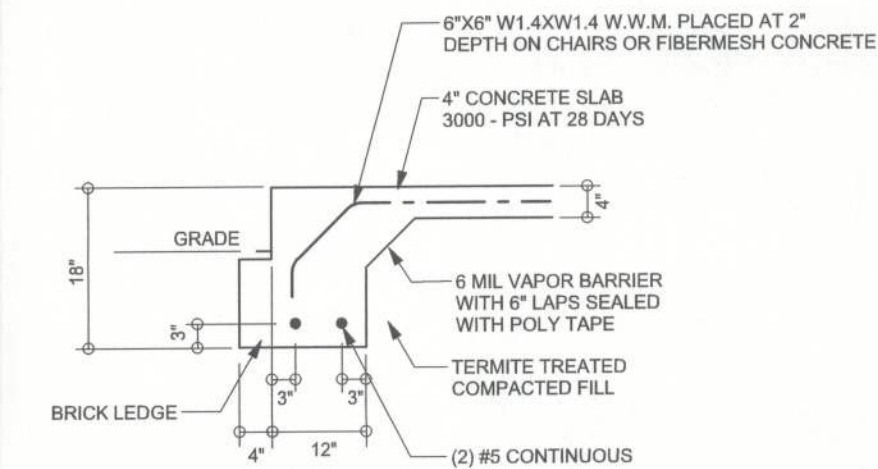
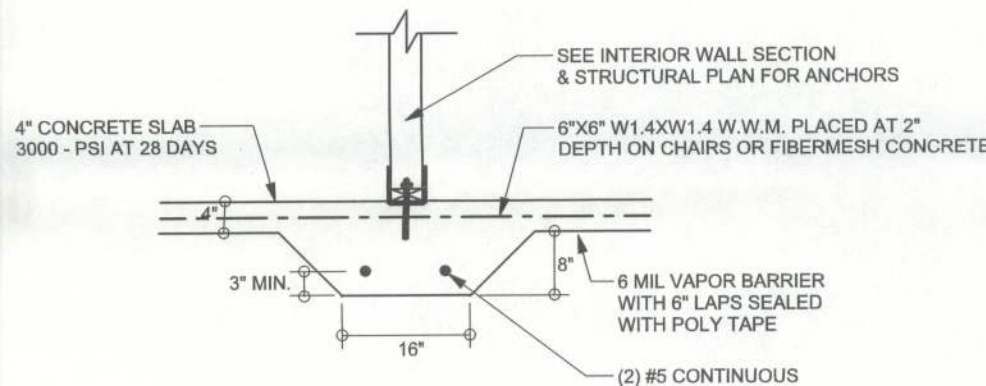


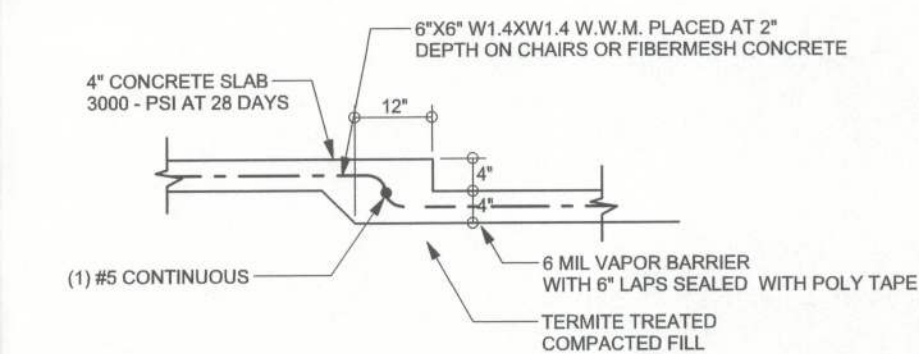
**F9 S-2** STEM WALL FOOTING  
SCALE: 1/2" = 1'-0"



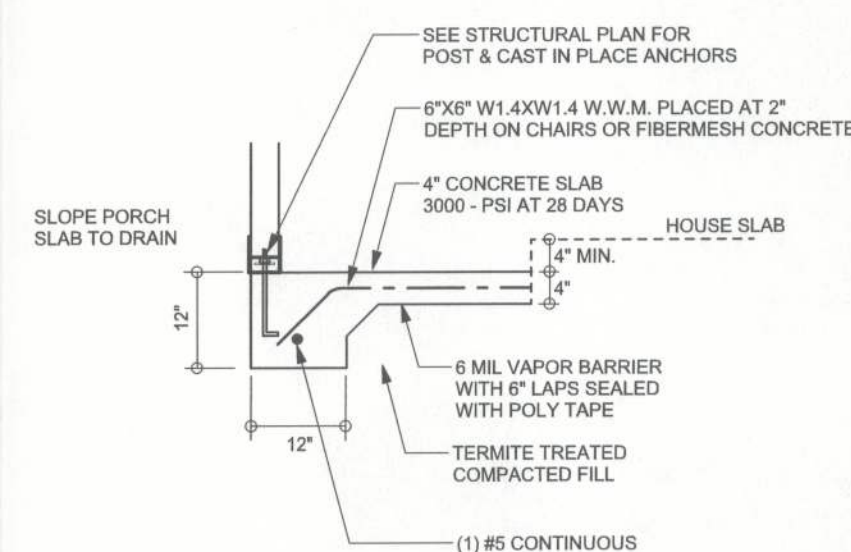
**F19 S-2** ALT. MONOLITHIC FOOTING w/ BRICK LEDGE  
SCALE: 1/2" = 1'-0"



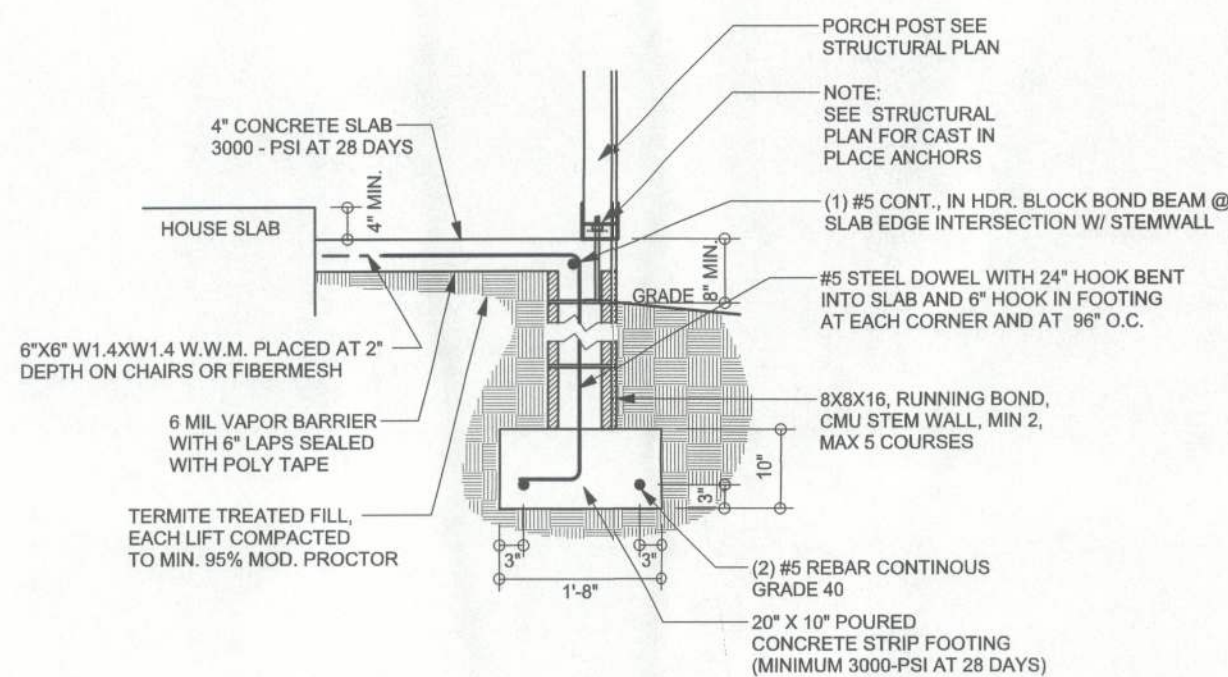
**F2 S-2** INTERIOR BEARING FOOTING  
SCALE: 1/2" = 1'-0"



**F6 S-2** TYPICAL NON - BEARING STEP FOOTING  
SCALE: 1/2" = 1'-0"



**F5 S-2** PORCH FOOTING  
SCALE: 1/2" = 1'-0"

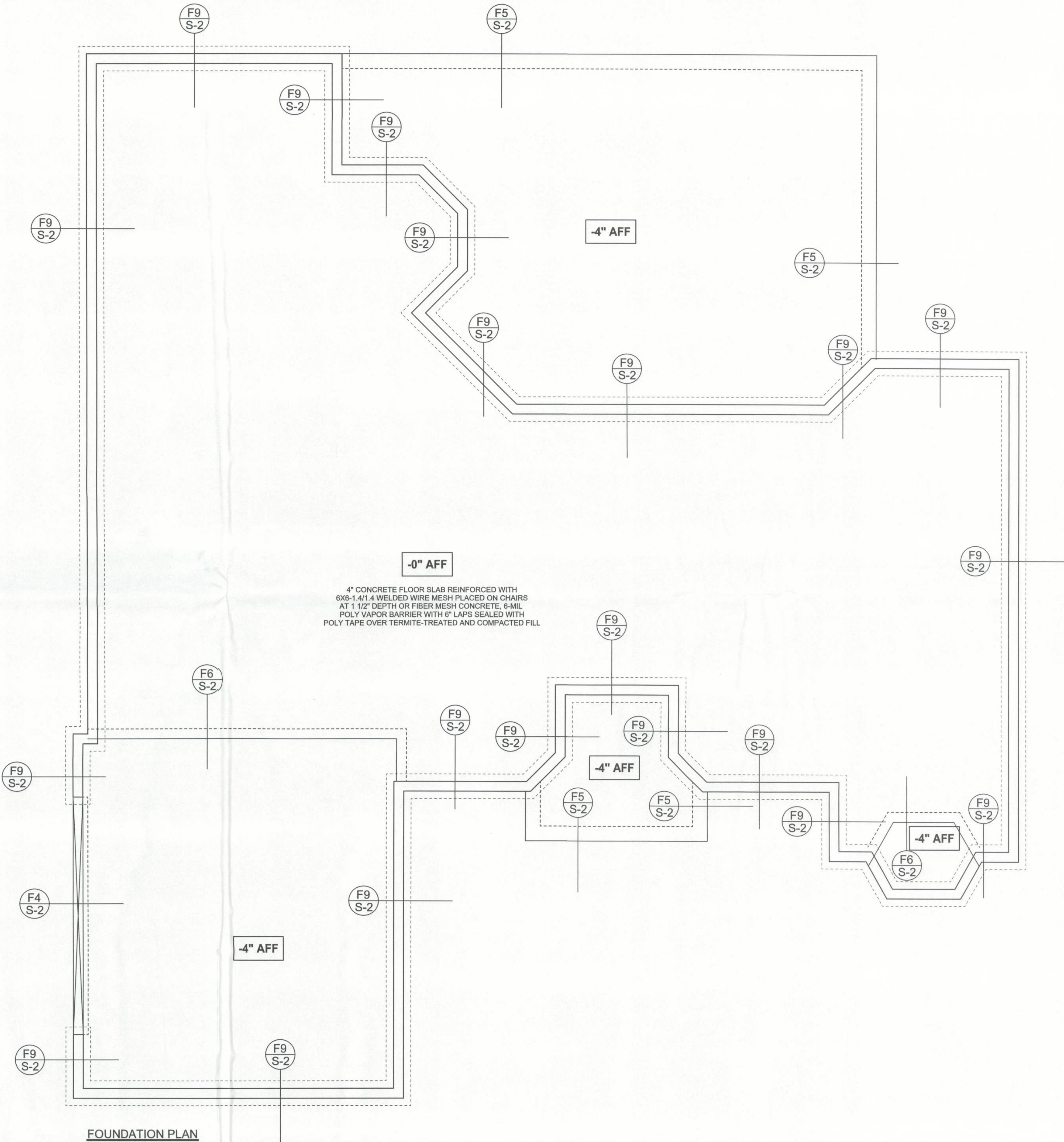


**F12 S-2** ALT. STEM WALL PORCH FOOTING  
SCALE: 1/2" = 1'-0"

## TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowell ladder reinforcement at 18"OC vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48



## FOUNDATION PLAN

SCALE: 1/4" = 1'-0"  
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

REVISIONS	

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

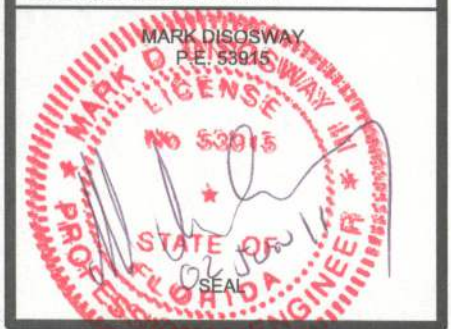
WINLOAD ENGINEER:  
Mark Disoway, P.E.  
No. 53915, P.O.B. 868, Lake City, FL 32056,  
386-754-5419

DIMENSIONS:  
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

COPYRIGHTS AND PROPERTY RIGHTS:  
Mark Disoway, P.E. hereby expressly reserves its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Disoway.

CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section 9301.2.1, Florida building code residential 2007, and 2009 supplements to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.



**Erkinger Construction**  
Group  
**STEPHEN & CAROL FEKO**  
Residence  
LOCATION:  
400 SW Covey Court  
Lake City, FL 32025  
JURISDICTION  
Columbia County

Mark Disoway P.E.  
P.O. Box 868  
Lake City, Florida 32056  
Phone: (386) 754 - 5419  
Fax: (386) 269 - 4871

PRINTED DATE:  
June 02, 2011  
DRAWN BY: STRUCTURAL BY:  
Evan Beasley

FINALS DATE:  
02Jun11  
JOB NUMBER:  
1105052  
DRAWING NUMBER  
**S-2**  
OF 3 SHEETS