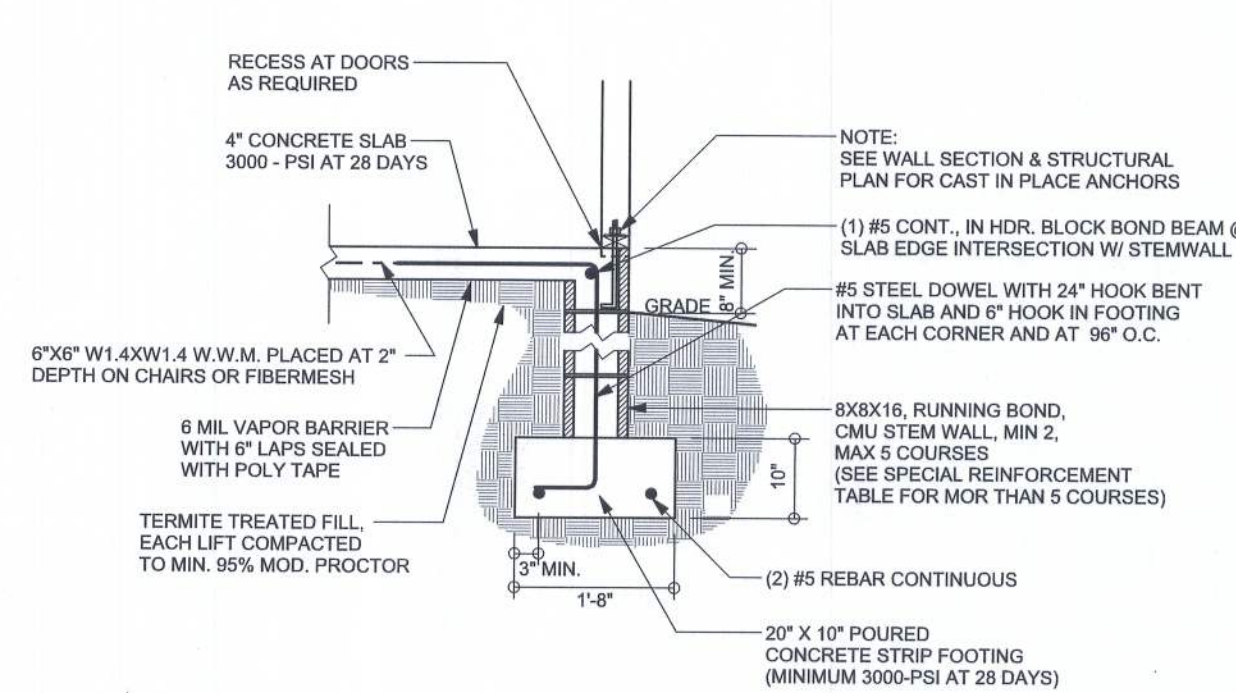
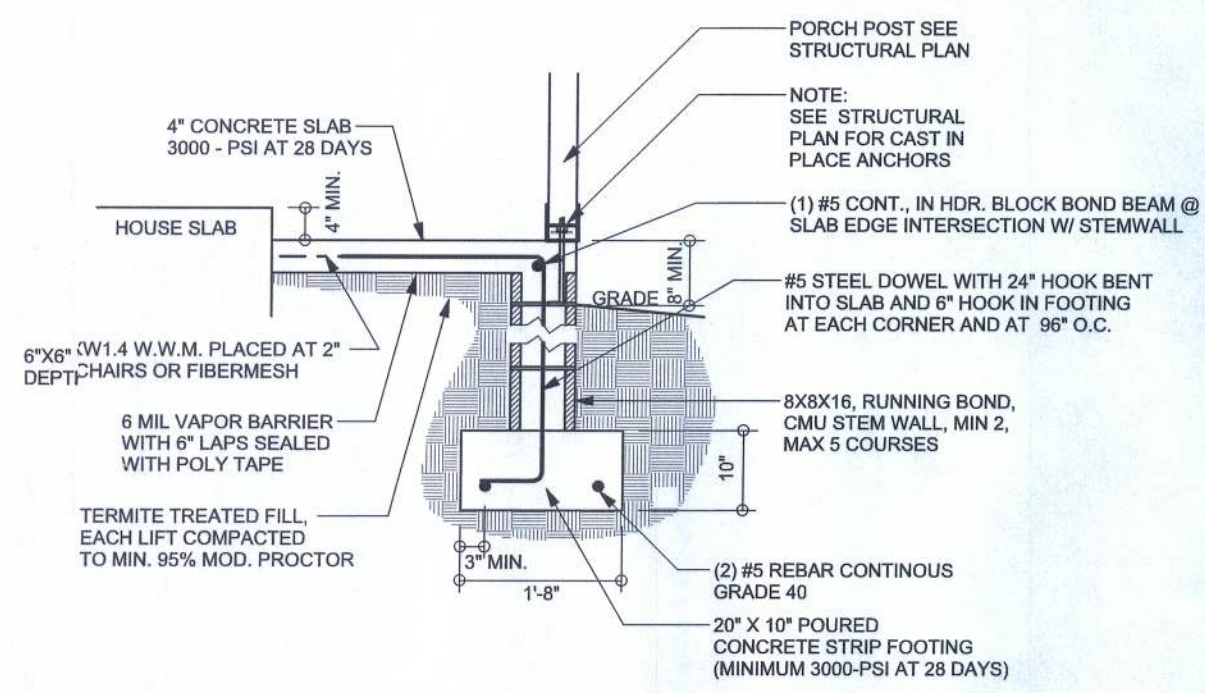
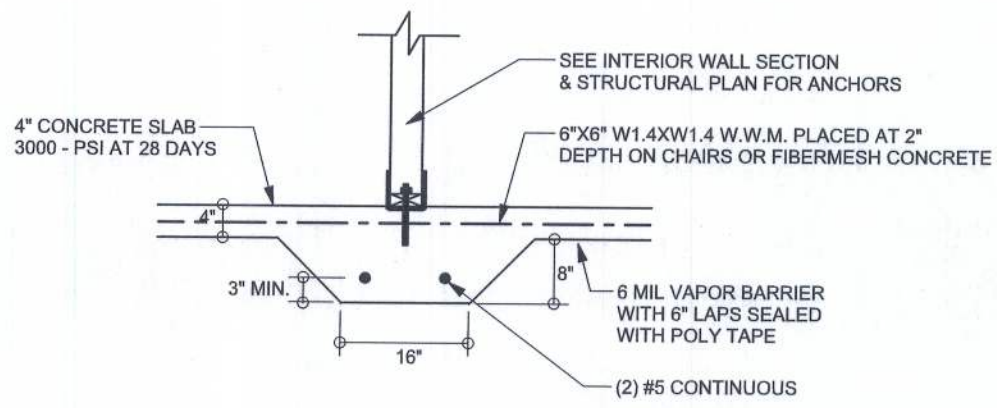




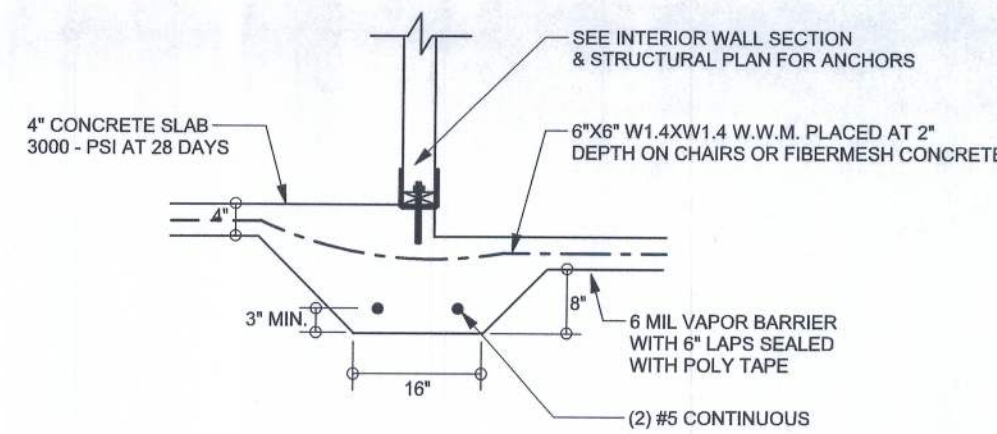
F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



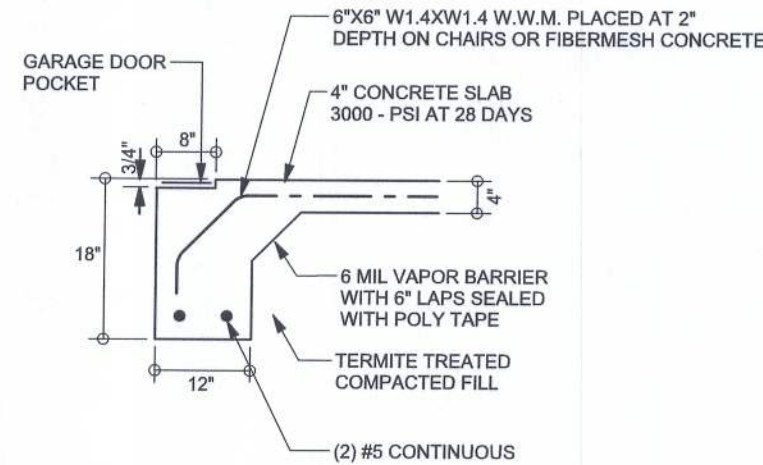
F12 S-2 STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



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



F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"

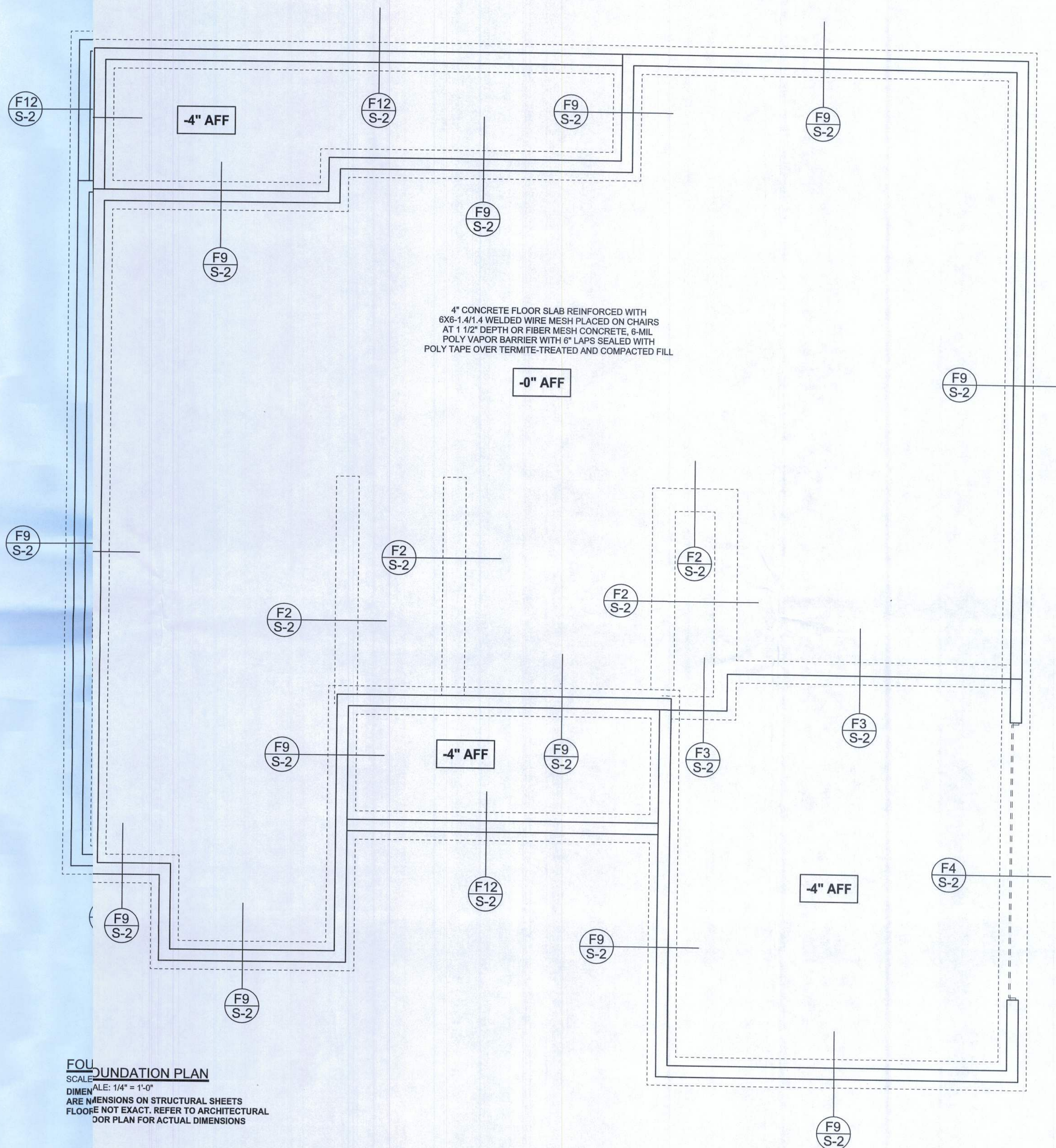


F4 S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"

L STEM WALL TABLE

Table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the wall at the top. The vertical steel is to be placed toward the tension side of the wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is 8" high, add Diagonal ladder reinforcement at 16"OC vertically or a horizontal bond with #6 continuous at mid height. For higher parts of the wall 12" CMU may be used in reinforcement as shown in the table below.

WALL HEIGHT (FT)	UNBALANCED BACKFILL	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3	3.0	96	96	96	96	96	96
0	3.7	96	96	96	96	96	96
7	4.3	88	96	96	96	96	96
3	5.0	56	96	96	96	96	96
0	5.7	40	80	96	80	96	96
7	6.3	32	56	80	56	96	96
3	7.0	24	40	56	40	80	96
0	7.7	16	32	48	32	64	80
7	8.3	8	24	32	24	48	64
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 DOOR PLAN FOR ACTUAL DIMENSIONS

WINDLOAD ENGINEER: Mark Discosway, P.E. No. 33915, P.B. 868, Lake City, FL 32056, 386-754-419

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

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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 R301.2.1, Florida building code residential 207, to the best of my knowledge.

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

Professional Engineer Seal for Mark Discosway, P.E., State of Florida, No. 33915, Expiration Date 12/31/2011.

Plumb Level Construction

Kye Keen Residence

ADDRESS: Lot 82 & 8: Emerald Cove S/D, Columbia County, Florida

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PRINTED DATE: January 31, 2011

DRAWN BY: David Discosway

STRUCTURAL BY: David Discosway

FINALS DATE: 31Jan11

JOB NUMBER: 101072

DRAWING NUMBER: S-2

OF SHEETS