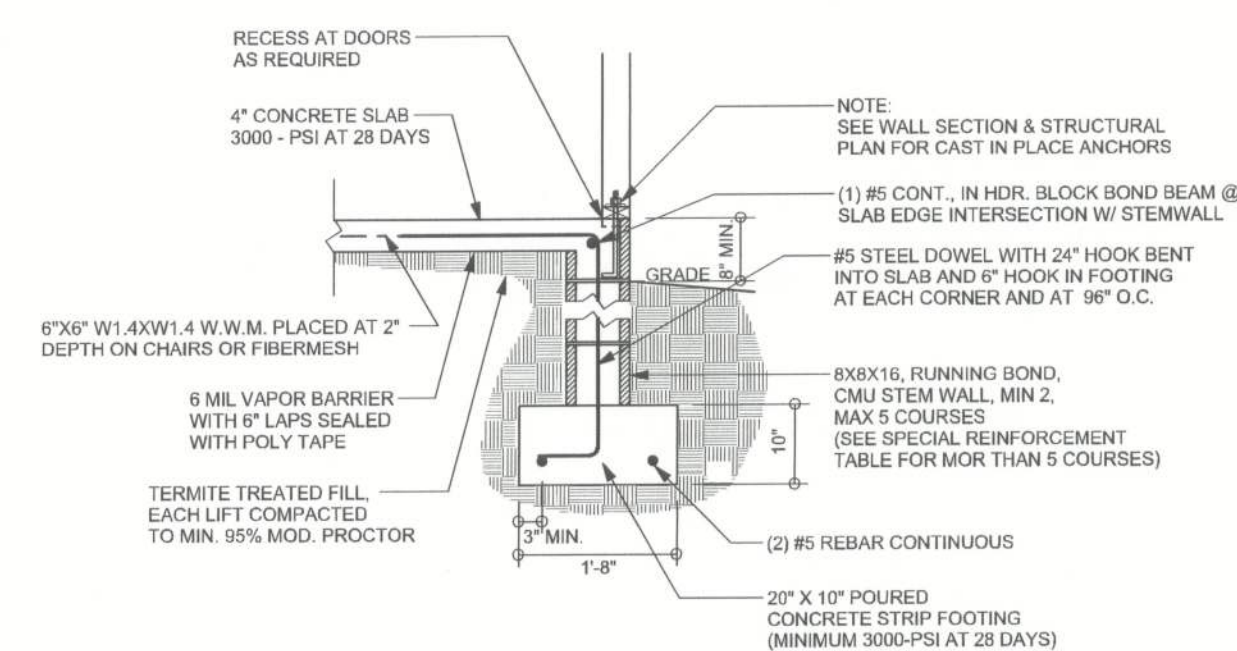
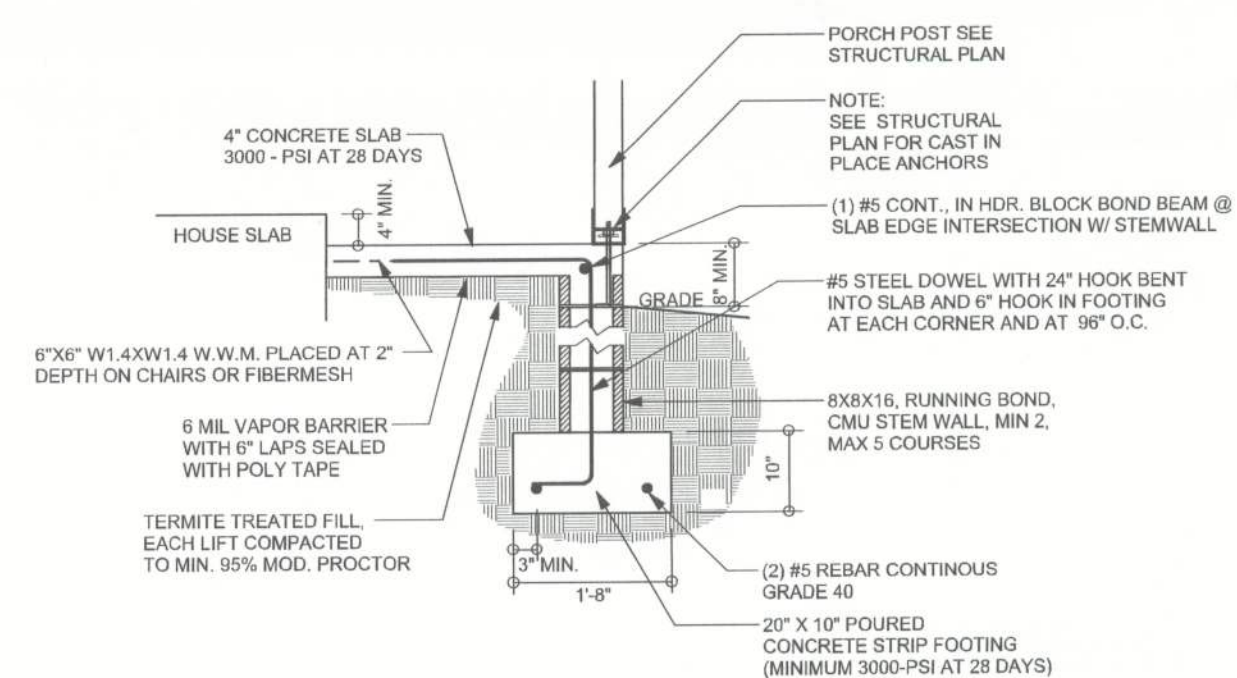


REVISIONS		

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



(F1 S-2) (OPTIONAL) STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



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

FOUNDATION PLAN

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

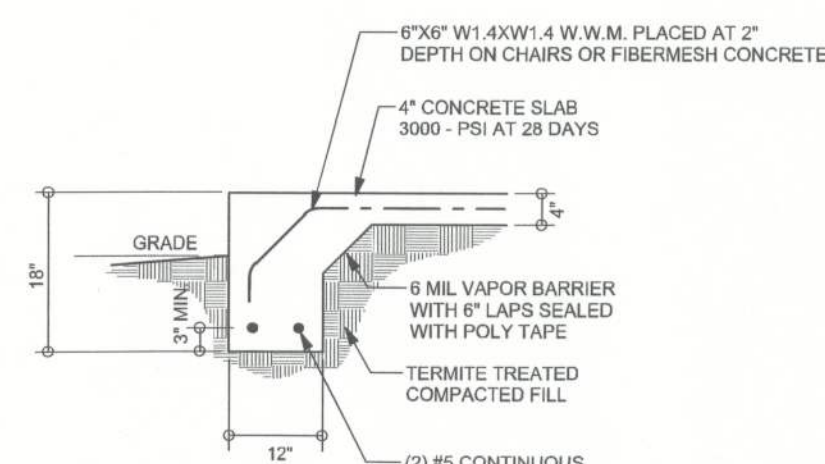
DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS

**SEE ARCHITECTURAL FOUNDATION
FOR ADDITIONAL NON-STRUCTURAL REQUIREMENTS
LIKE STEP DOWNS, SHOWER RECESS, ECT.**

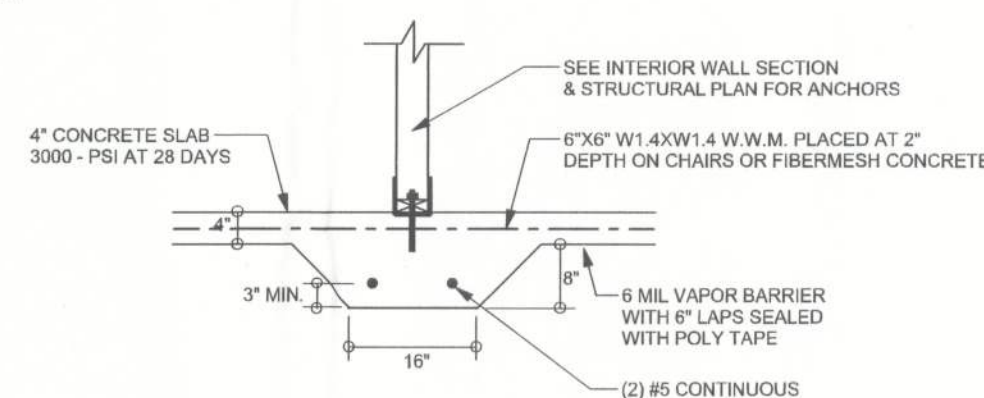
TALL STEM WALL TABLE

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 Durowall ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with 195 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

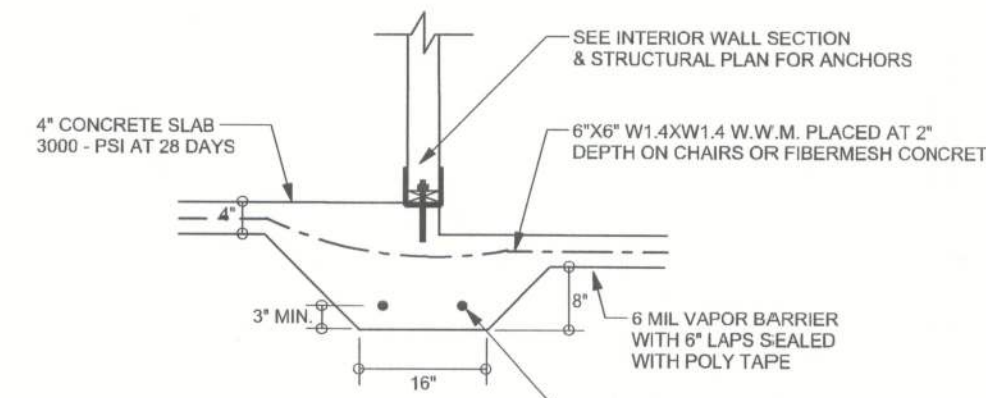
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	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



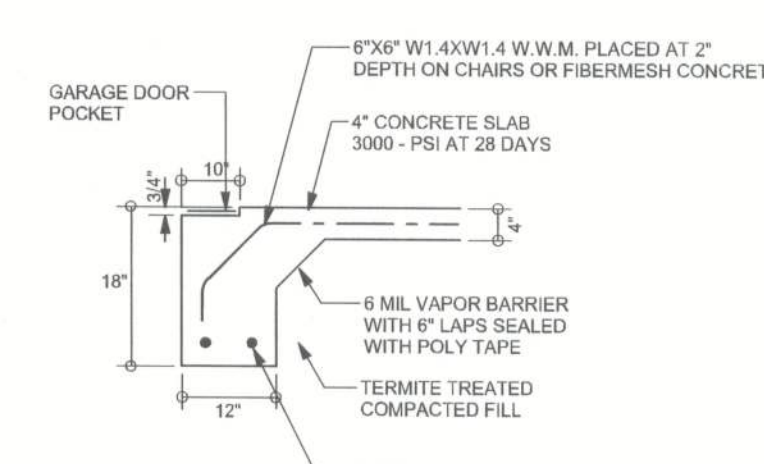
(F1 S-2) MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



(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"

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

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

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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 R301.2.1, 2010 Florida
Building Code Residential
to the best of my knowledge.

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



**Bryan Zecher
Construction**

Garrison Residence

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PRINTED DATE:
May 29, 2012

DRAWN BY: STRUCTURAL BY:
David Disoway

FINALS DATE:
29May12

JOB NUMBER:
1205051
DRAWING NUMBER

S-2

OF 3 SHEETS