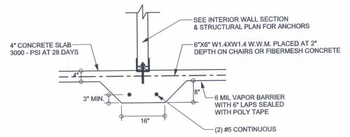
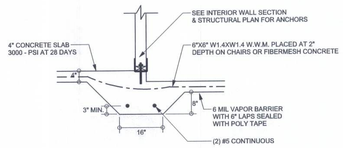
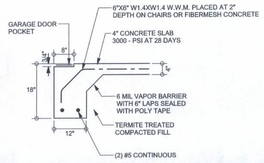


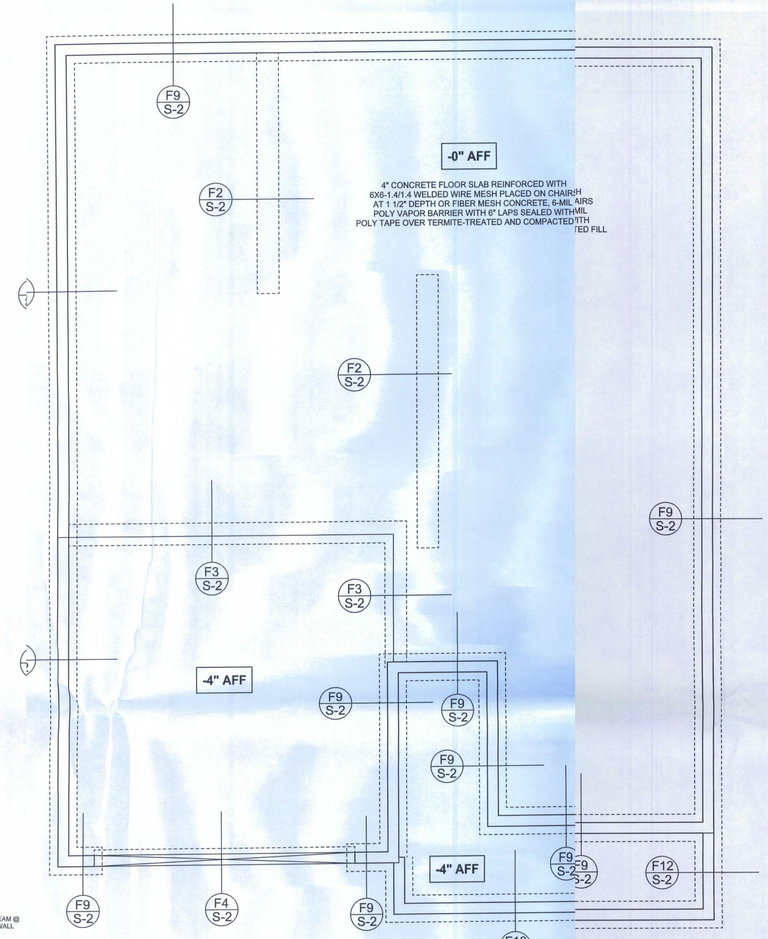
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



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

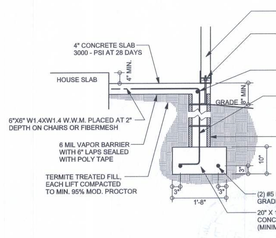


F4 S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"

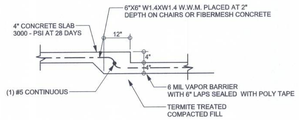


FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

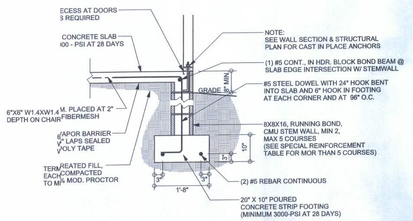
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS



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



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

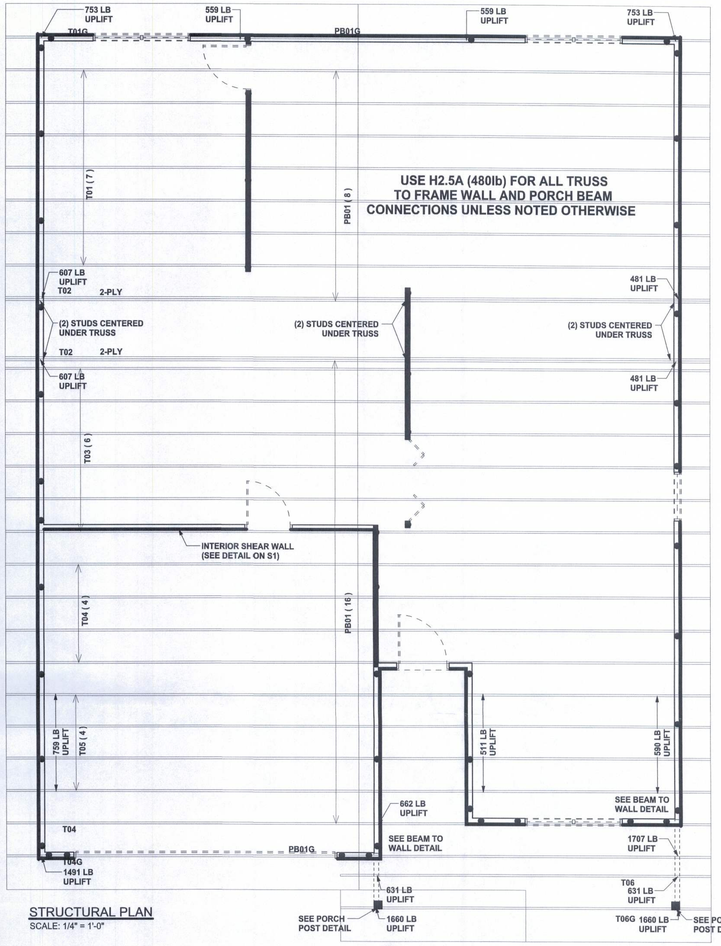


F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"

TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook reinforced slab at the top. The vertical steel is to be pl hook in the footing and bent 24" into the CMU wall (away from the soil pressure, within 2" of th be placed toward the tension side of the is over 8' high, add Durowall ladder reinforcement at of the exterior side of the wall). If the wall beam with 1#5 continuous at mid height. For higher pr at 16"OC vertically or a horizontal bond with reinforcement as shown in the table below. her parts of the wall 12" CMU may be used

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



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

STRUCTURAL PLAN NOTES

SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SYP#2 (U.N.O.)

SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)

SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

THREADED ROD LEGEND

INDICATES LOCATION OF:
1ST FLOOR 3/8" A307 ALL THREADED ROD

INDICATES LOCATION OF:
2ND FLOOR 3/8" A307 ALL THREADED ROD

TOTAL SHEAR WALL SEGMENTS

INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	54.1'	55.0'
LONGITUDINAL	24.4'	117.0'

HEADER LEGEND

(2) 2X12X0',1J 1K — HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADER

WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB # 362254

REVISIONS	

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
Mark Disosway, PE
No.53915, POB 868, Lake City, FL 32056,
386-754-5419

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, 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 2007, and 2009 supplements to the best of my knowledge.

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

MARK D DISOSWAY
P.E. 53915
No. 53915
STATE OF
FLORIDA
SEAL

Woodman Park Builders

Blake Wright
Residence

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PRINTED DATE:
February 16, 2011

DRAWN BY:
STRUCTURAL BY:
Evan Beamsley

FINALS DATE:
2011-02-15

JOB NUMBER:
1102036

DRAWING NUMBER
S-2
OF 2 SHEETS