

AREA SUMMARY	
LIVING AREA	1792.8 SF
GARAGE	536.8 SF
PORCHES	223.2 SF
TOTAL AREA	2606.8 SF

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

NEW SINGLE FAMILY RESIDENCE FOR:  
LOT 3 CREEKSIDE SUBDIVISION

BRIAN S CRAWFORD  
ARCHITECTURAL DESIGN  
DESIGNER: BRIAN CRAWFORD  
PHONE: (360) 755-8887

DATE:

CHECKED BY:

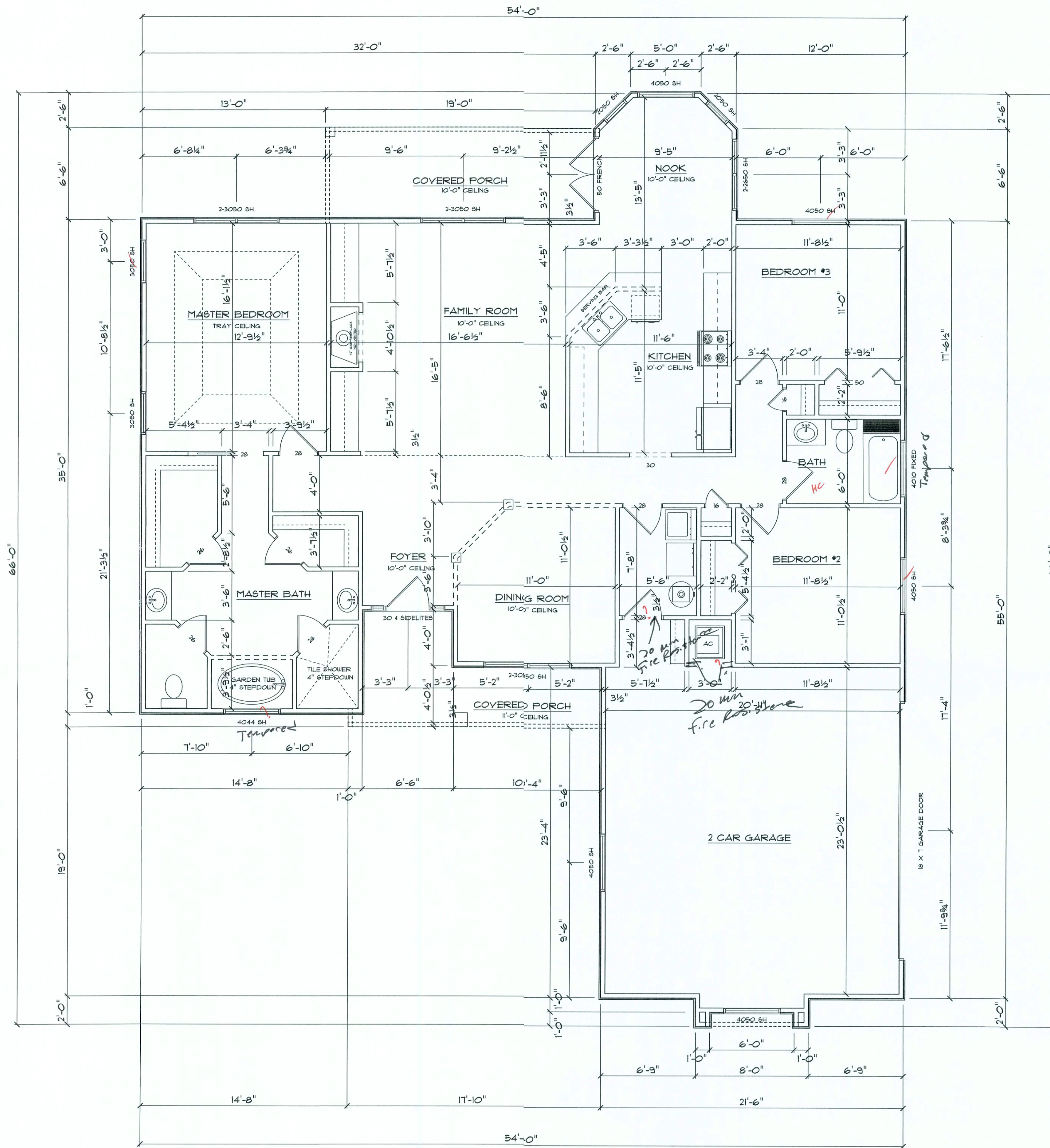
SHEET NUMBER

A-1

OF 4 SHEETS

Office copy





AREA SUMMARY	
LIVING AREA	1792.8 SF
GARAGE	536.8 SF
PORCHES	223.2 SF
TOTAL AREA	2606.8 SF

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

NEW SINGLE FAMILY RESIDENCE FOR:  
LOT 3 CREEKSIDE SUBDIVISION

**BRIAN S CRAWFORD**  
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**A-2**  
OF 4 SHEETS



NEW SINGLE FAMILY RESIDENCE FOR:  
LOT 3 CREEKSIDE SUBDIVISION

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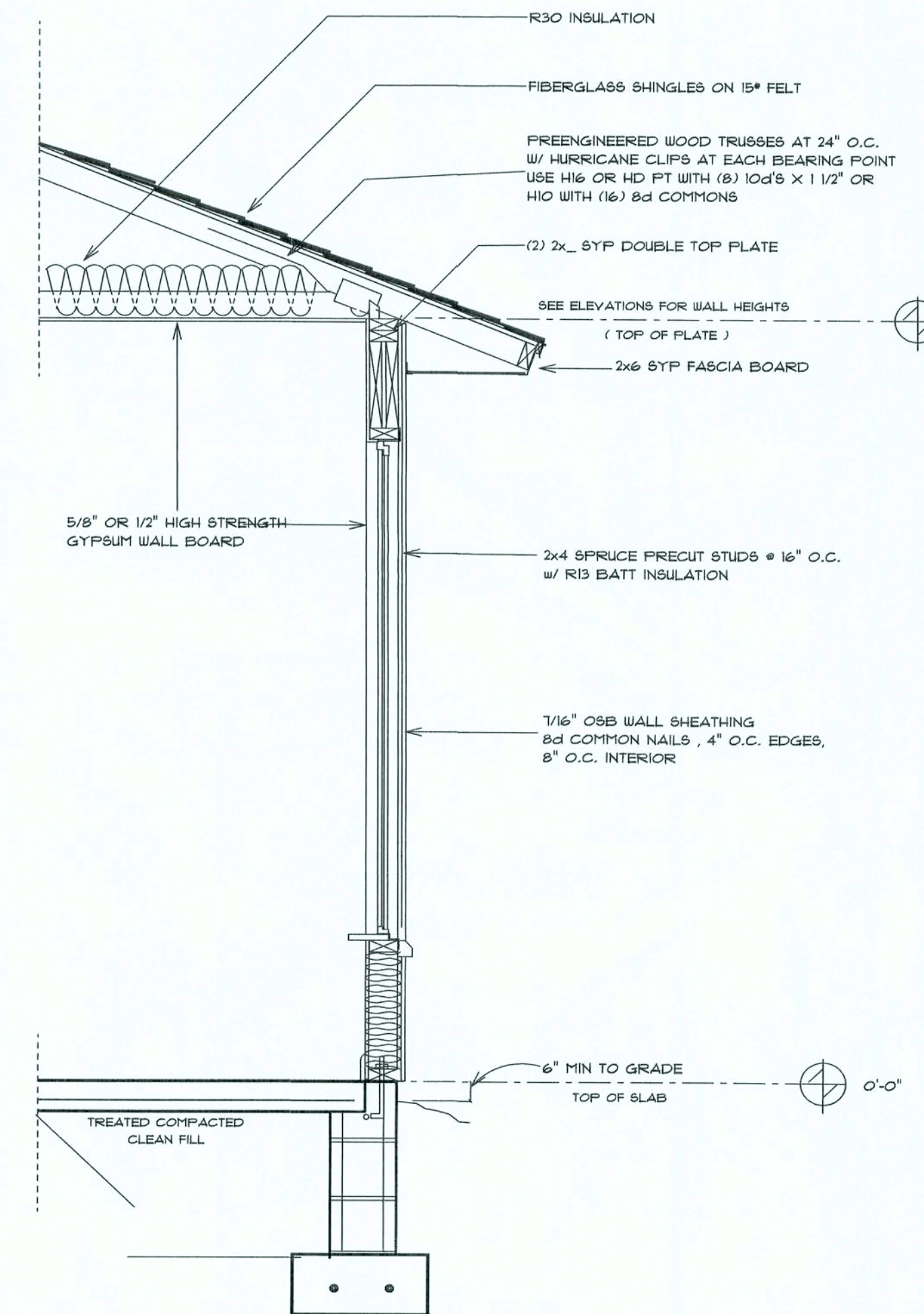
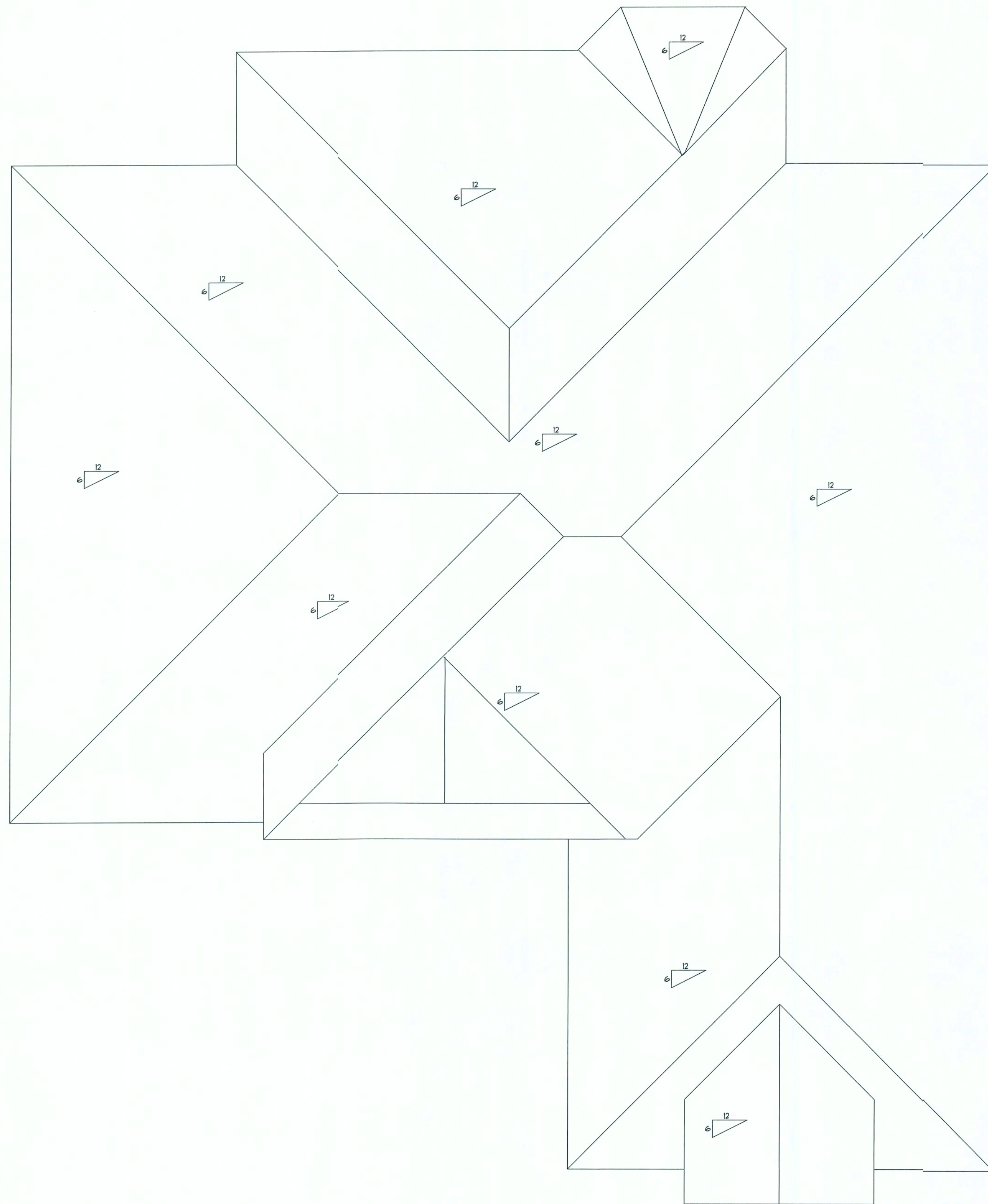
**A-3**

OF 4 SHEETS

AREA SUMMARY	
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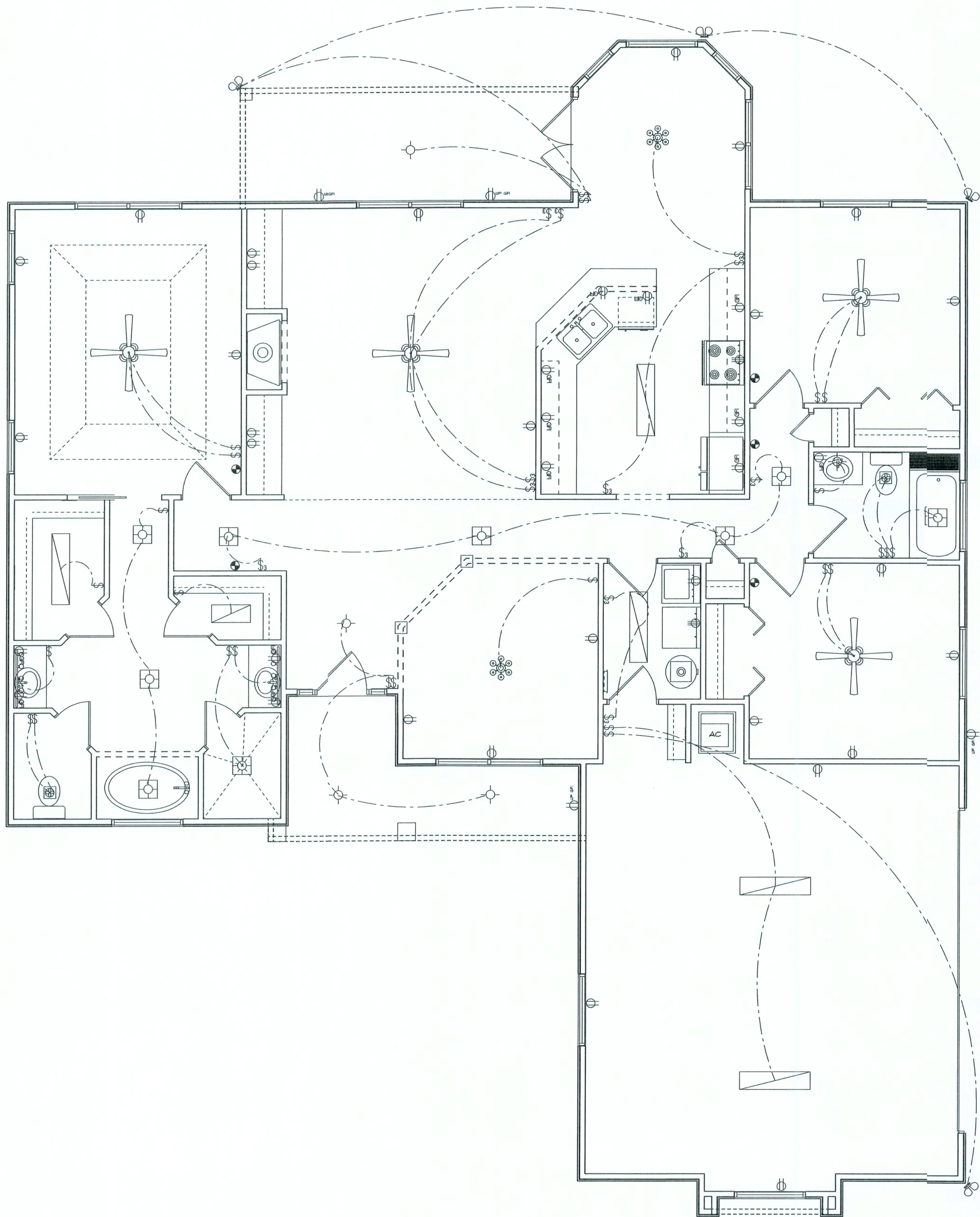
**ROOF PLAN**

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



TYPICAL WALL SECTION  
2 X 4 STUD WALL W/ STUCCO





ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 2	4	
can light	9	
chandelier	2	
double spotlight	4	
fluorescent fixture	6	
vanity bar light	2	
electrical panel	1	
fan with light	2	
light	5	
outlet	26	
outlet 220v	2	
outlet gfi	13	
outlet wp gfi	4	
smoke detector	5	
switch	26	
switch 3 way	11	

ELECTRICAL PLAN NOTES

ALL RECEPTICALS IN ALL BEDROOMS SHALL BE AFCI CIRCUITS

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECTING MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE 4-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N., DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

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

NEW SINGLE FAMILY RESIDENCE FOR:  
LOT 3 CREEKSIDE SUBDIVISION

BRIAN S CRAWFORD  
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DESIGNER: BRIAN CRAWFORD  
PHONE: (386) 755-8887

DATE:

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SHEET NUMBER

A-4

OF 4 SHEETS

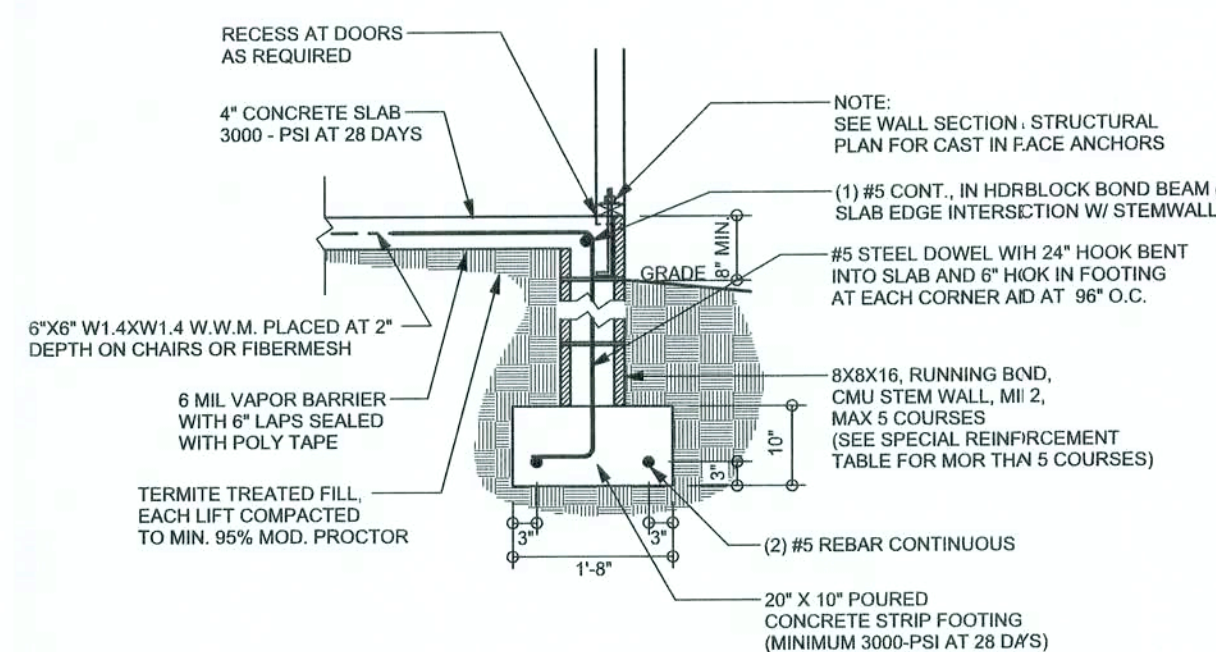




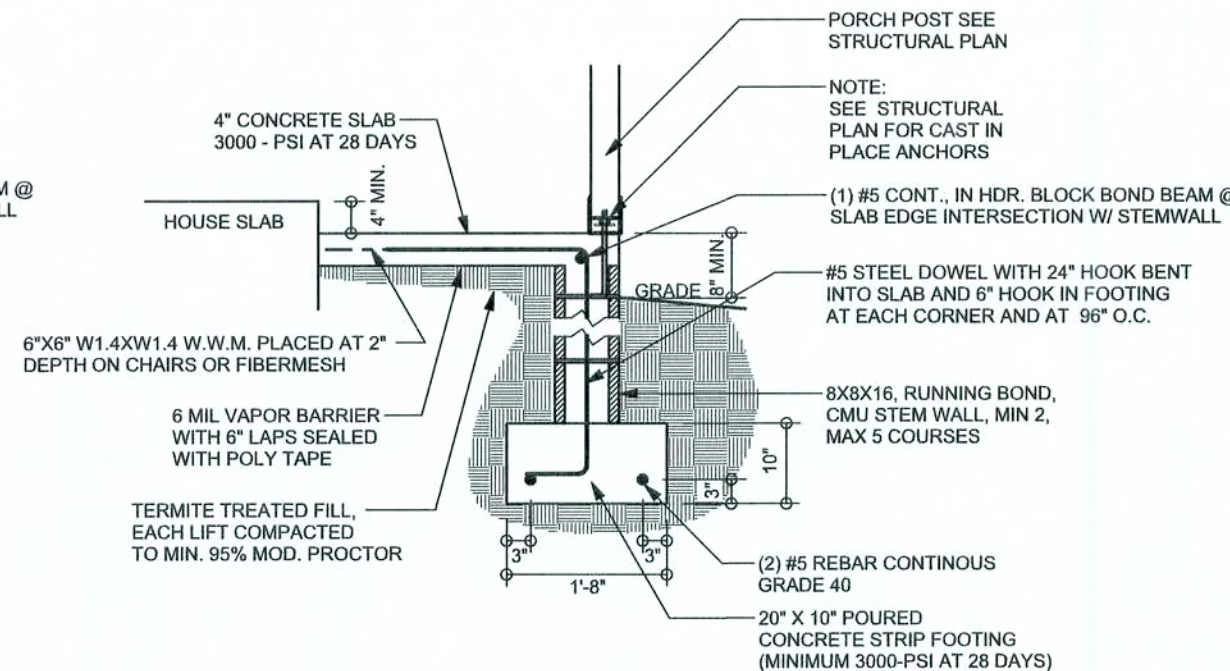


REVISIONS	

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE



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

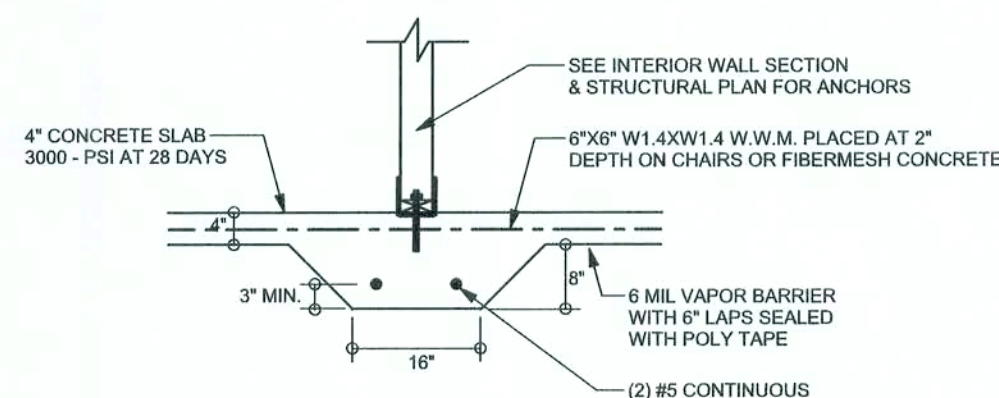


**F12 S-2** OPTIONAL STEM WALL PORCH FOOTING  
SCALE: 1/2" = 1'-0"

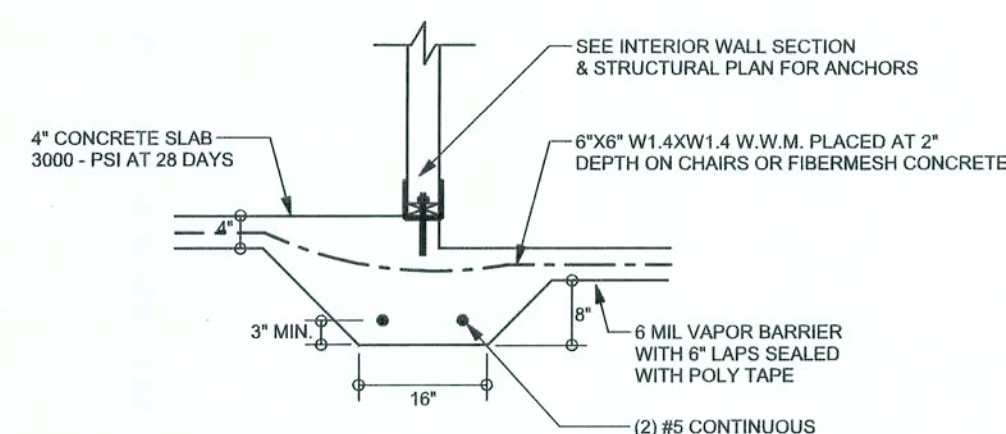
#### TALL STEM WALL TABLE

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

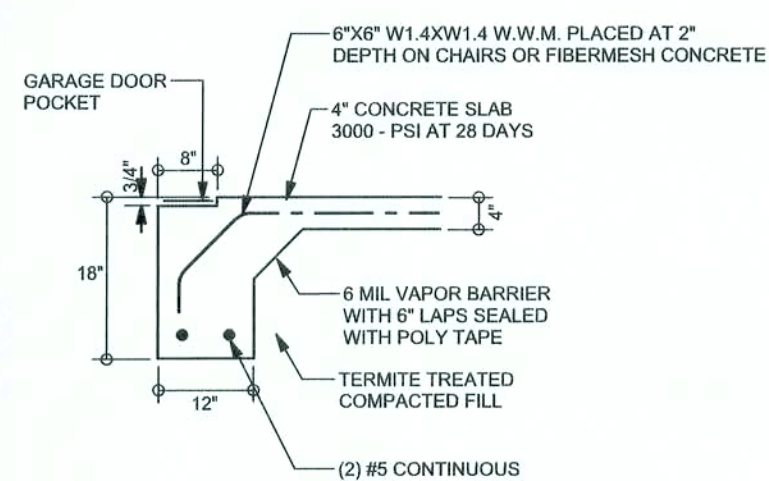
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7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



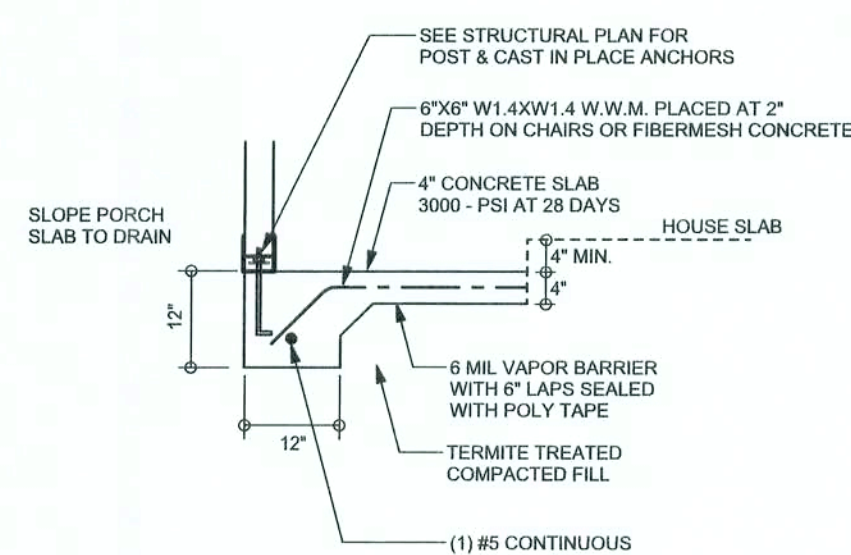
**F2 S-2** INTERIOR BEARING FOOTING  
SCALE: 1/2" = 1'-0"



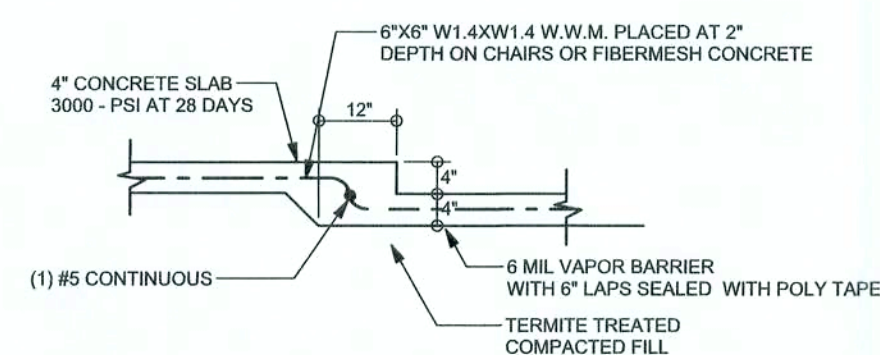
**F3 S-2** INTERIOR BEARING STEP FOOTING  
SCALE: 1/2" = 1'-0"



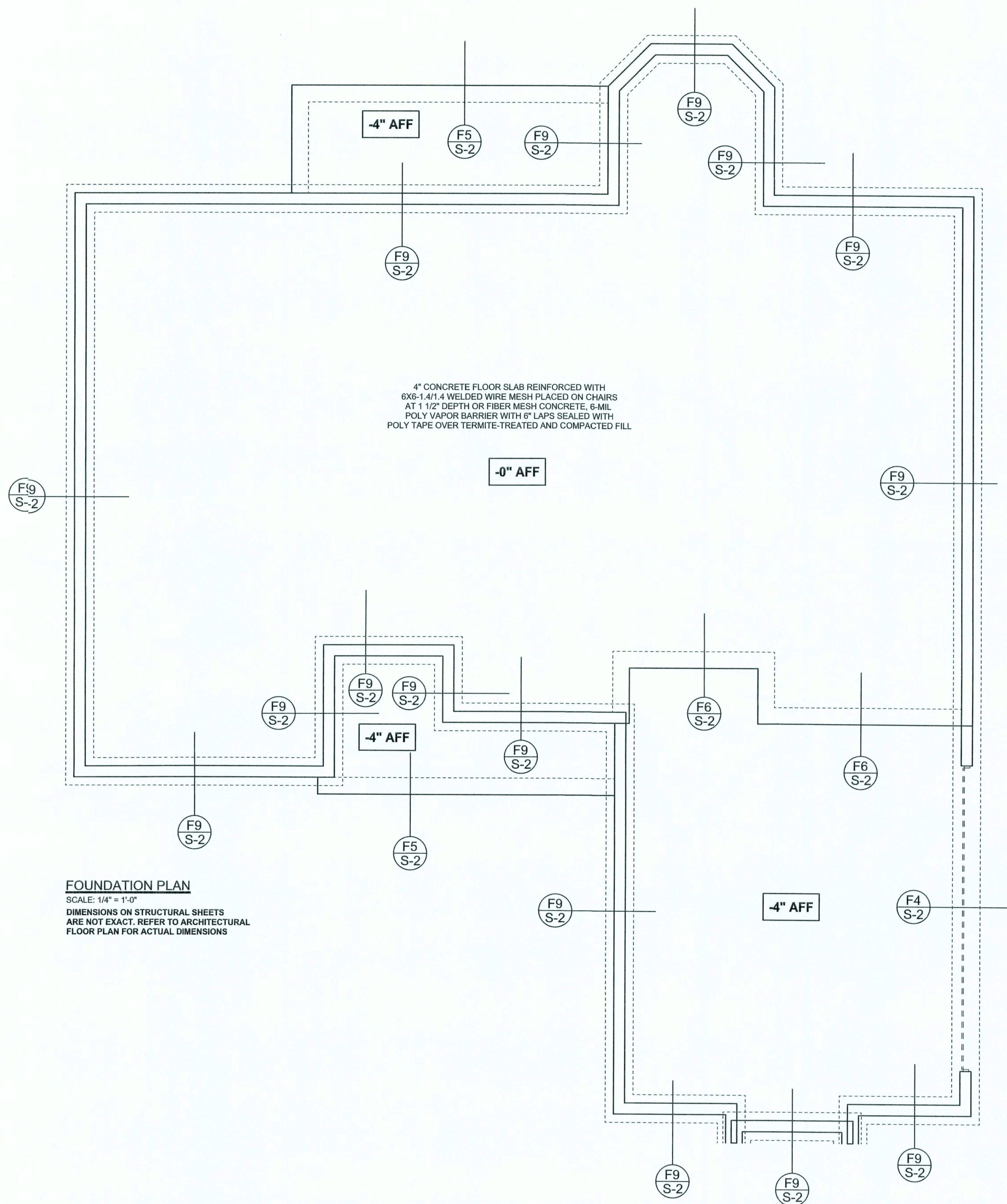
**F4 S-2** GARAGE DOOR FOOTING  
SCALE: 1/2" = 1'-0"



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



**F6 S-2** TYPICAL NON-BEARING STEP 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

WINDLOAD ENGINEER: Mark Disoway,  
P.E. No. 53915, PCB 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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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 R301.2.1, Florida building  
code residential 2004, to the best of my  
knowledge.

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

MARK DISOWAY  
P.E. 53915

*Mark Disoway*  
12/18/06  
SEAL

**Concept Construction  
Of North Florida, Inc.**

Spec House  
Lot 3  
Creeside S/D

ADDRESS:  
Lot 3 Creekside S/D  
Columbia County, Florida

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

PRINTED DATE:

July 18, 2006

DRAWN BY:  
David Disoway

CHECKED BY:

FINALS DATE:  
18 / Jul / 06

JOB NUMBER:  
607142

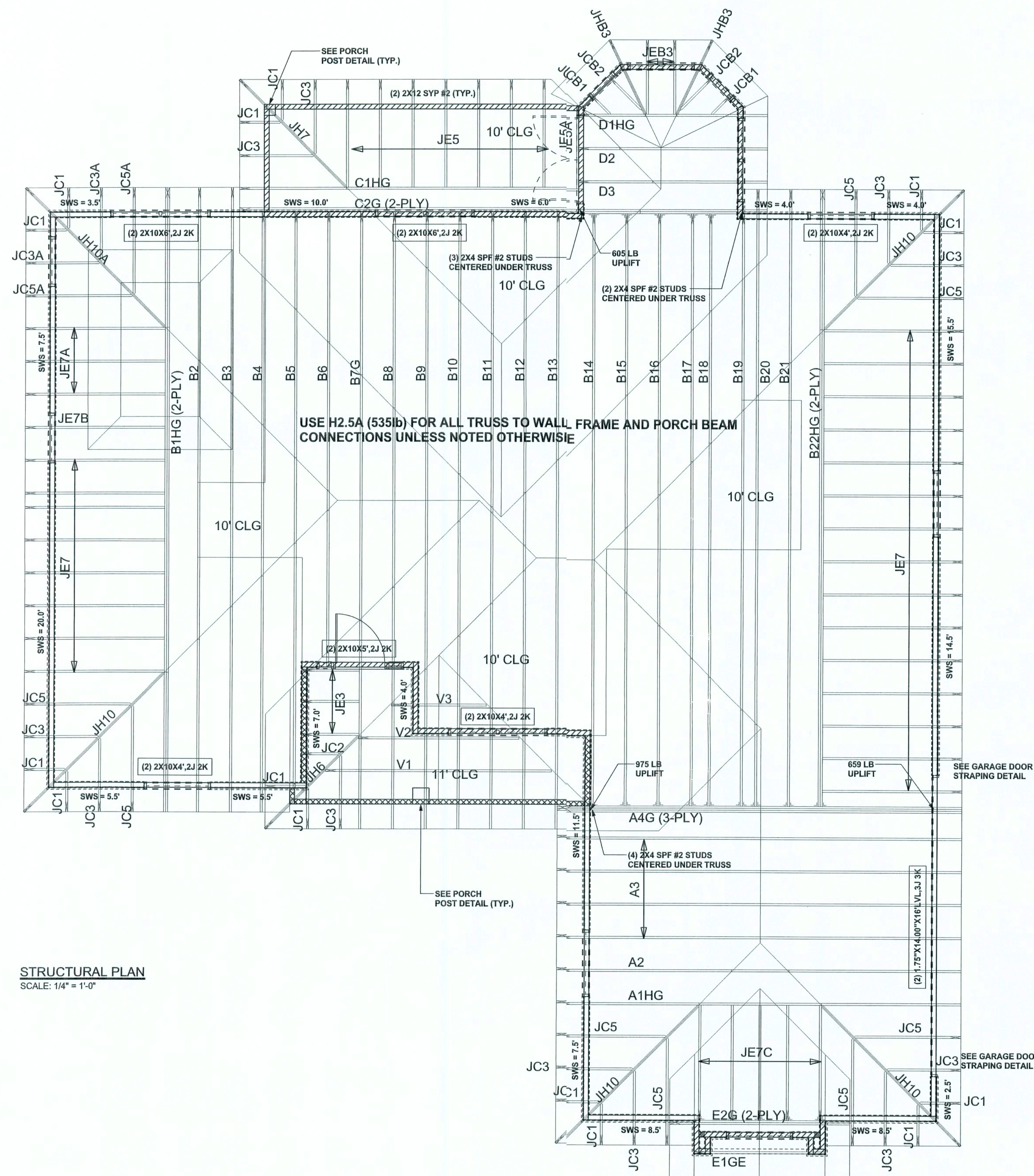
DRAWING NUMBER  
**S-2**

OF 3 SHEETS



## REVISIONS

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

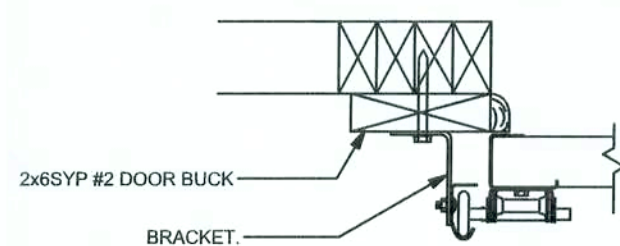


STRUCTURAL PLAN  
SCALE: 1/4" = 1'-0"

### 2x6 SYP #2 GARAGE DOOR BUCK ATTACHMENT

ATTACH GARAGE DOOR BUCK TO STUD PACK AT EACH SIDE OF DOOR OPENING WITH 3/8" x 4" LAG SCREWS w/ 1" WASHER LAG SCREWS MAY BE COUNTERSUNK. HORIZONTAL JAMBS DO NOT TRANSFER LOAD, CENTER LAG SCREWS OR STAGGER 16" NAILS OR (2) ROWS OF 131 x 3 1/4" GN PER TABLE BELOW:

DOOR WIDTH	3/8" x 4" LAG	16" STAGGER	(2) ROWS OF 131 x 3 1/4" GN
8' - 10'	24" O.C.	5" O.C.	5" O.C.
11' - 15'	18" O.C.	4" O.C.	4" O.C.
16' - 18'	16" O.C.	3" O.C.	3" O.C.



GARAGE DOOR BUCK INSTALLATION DETAIL

SCALE: N.T.S.

### 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 BCSI-1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

### WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
SWS = 0.0'	2ND FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
IBW	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
IBW	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

### HEADER LEGEND

(2) 2X10X0', 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	

### TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	35.2	90.0'
LONGITUDINAL	29.5	55.5'

WINDLOAD ENGINEER: Mark Disoway,  
PE No. 53915, POB 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.

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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 F301.2.1, Florida building code residential 2004, to the best of my knowledge.

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

MARK DISOWAY  
P.E. 53915

12/20/06

SEAL

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Of North Florida, Inc.

Spec House  
Lot 3  
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DRAWING NUMBER

S-3

OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, W.B. HOWLAND  
JOB #3589