

AREA SUMMARY	
LIVING AREA	2171.4 SF
GARAGE	590.1 SF
PORCHES	678.6 SF
TOTAL	3440.1 SF

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

NEW CUSTOM HOME FOR:  
FRAN AND BILLY GRAHAM

CONCEPT CONSTRUCTION  
OF NORTH FLORIDA, INC.  
2109 W. U.S. HWY 90 SUITE 100-144  
LAKE CITY, FL 32085  
(386) 715-8851

FIRST IMPRESSIONS  
ARCHITECTURAL DESIGN, LLC  
DESIGNER: BRIAN CRAWFORD  
PHONE: (386) 755-8887

DATE:

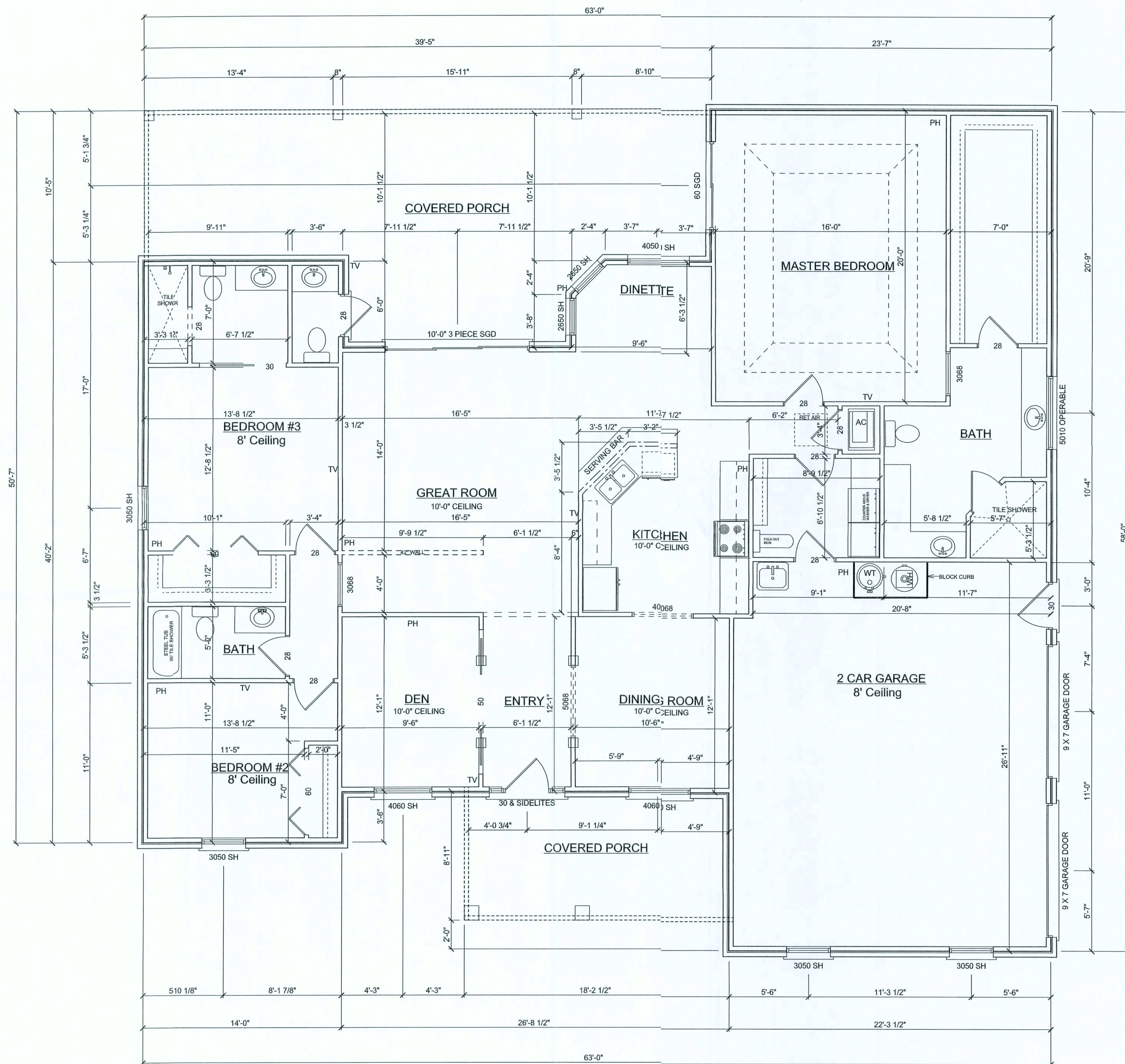
CHECKED BY:

SHEET NUMBER

A-1

OF 4 SHEETS





AREA SUMMARY	
LIVING AREA	2171.4 SF
GARAGE	590.1 SF
PORCHES	678.6 SF
TOTAL	3440.1 SF

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

NEW CUSTOM HOME FOR:  
**FRAN AND BILLY GRAHAM**

**CONCEPT CONSTRUCTION**  
OF NORTH FLORIDA, INC.  
2103 W. U.S. HWY. 90 SUITE 110-144  
LAKE CITY, FL 32255  
(386) 755-8881

**BRIAN S. CRAWFORD**  
ARCHITECTURAL DESIGN, INC.  
DESIGNER: BRIAN CRAWFORD  
PHONE: (386) 755-8887

DATE:

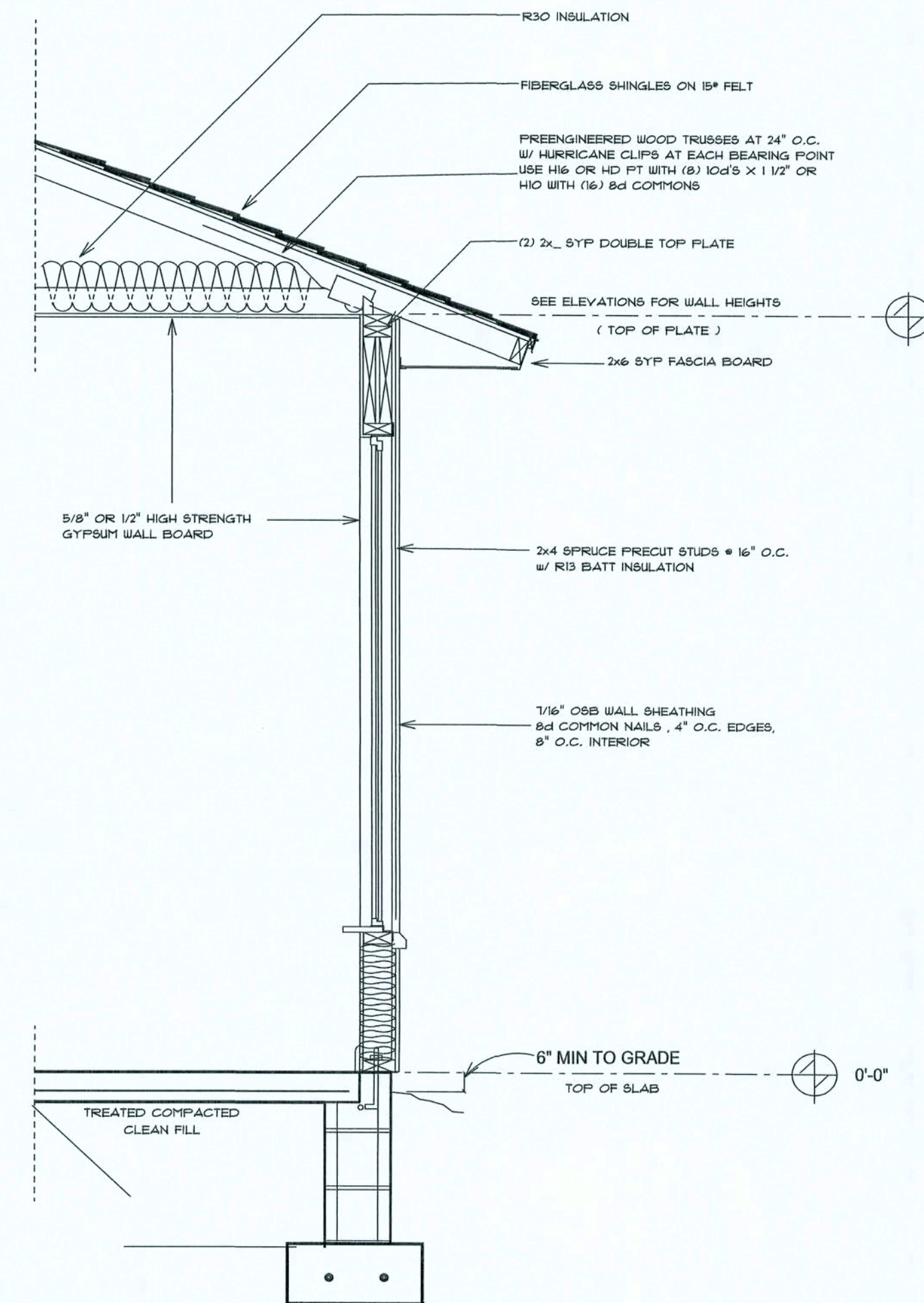
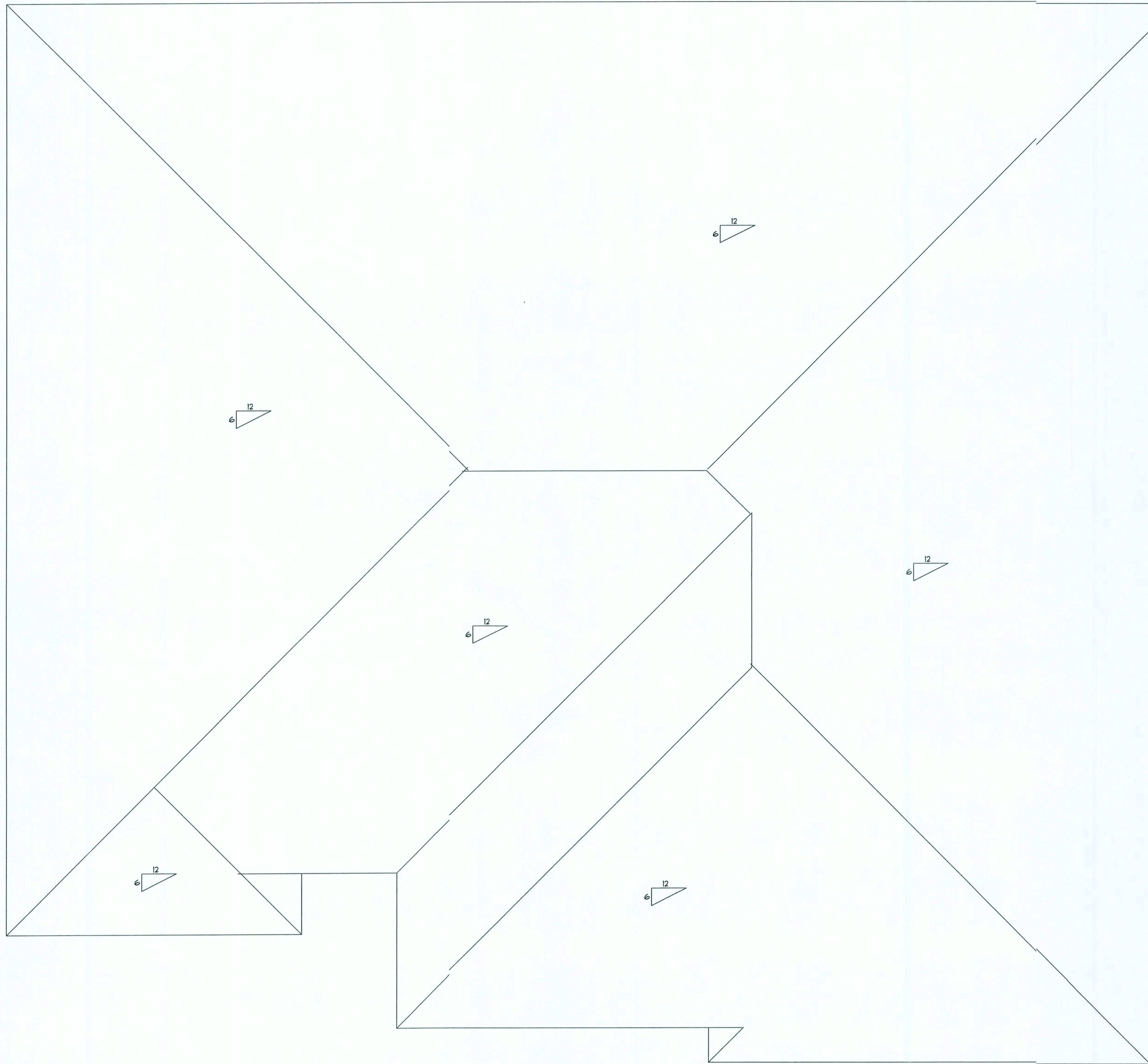
CHECKED BY:

SHEET NUMBER

**A-2**

OF 4 SHEETS





TYPICAL WALL SECTION  
2 X 4 STUD WALL

AREA SUMMARY	
LIVING AREA	2171.4 SF
GARAGE	590.1 SF
PORCHES	678.6 SF
TOTAL	3440.1 SF

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

NEW CUSTOM HOME FOR:  
FRAN AND BILLY GRAHM

CONCEPT CONSTRUCTION  
OF NORTH FLORIDA, INC.  
2105 W. U.S. HWY. 90 SUITE 110-114  
LAKELAND, FL 33805  
(888) 755-8881

BRIAN S. CRAWFORD  
ARCHITECTURAL DESIGN, LLC  
DESIGNER: BRIAN CRAWFORD  
PHONE: (336) 753-8887

DATE:

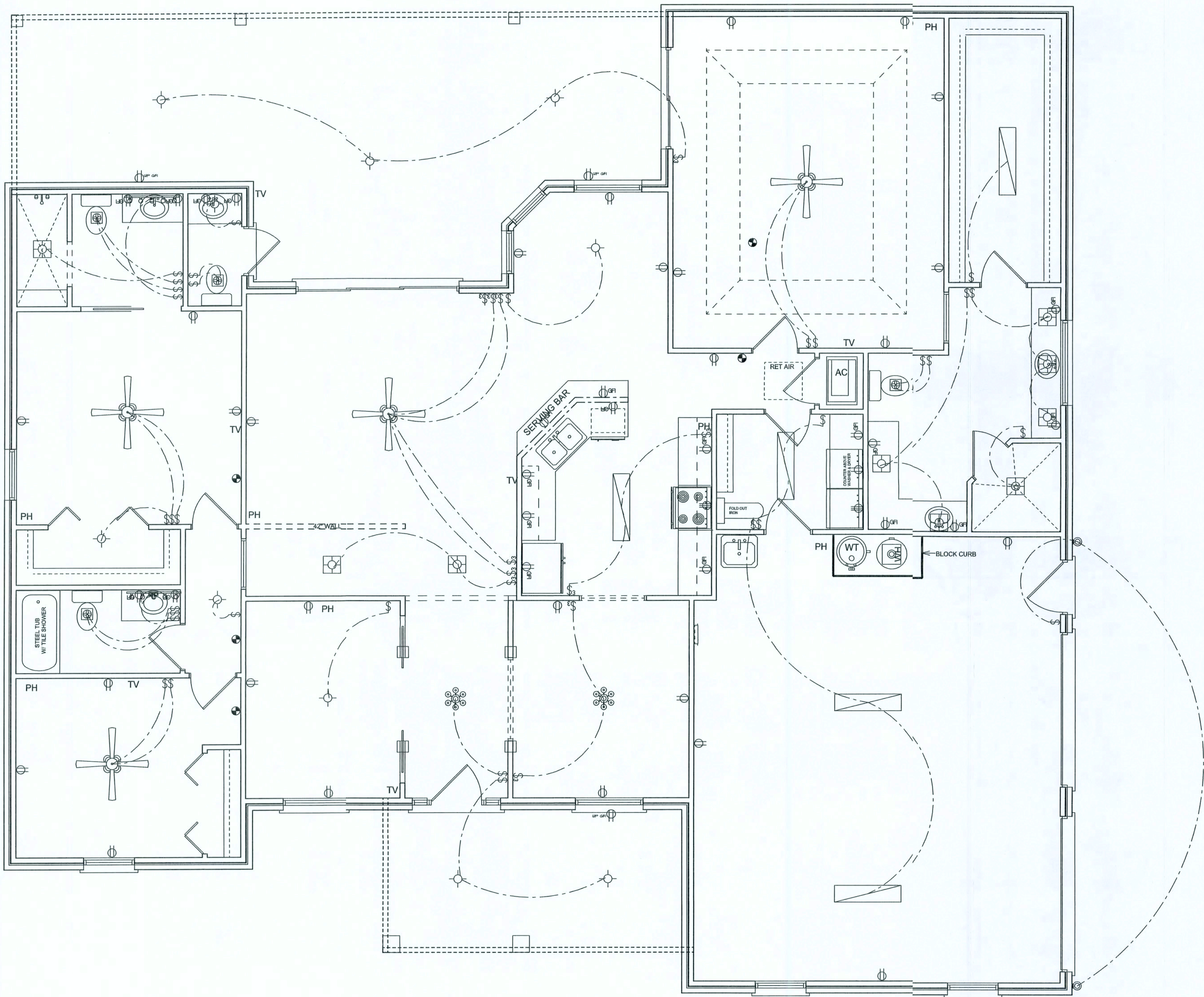
CHECKED BY:

SHEET NUMBER

A-3

OF 4 SHEETS





- Garage fire separations shall comply with the following:
1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garage beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
  2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
  3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.

ELECTRICAL PLAN NOTES

ALL RECEPTALS IN ALL BEDROOMS SHALL BE AFC 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, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., 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.

ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 2	4	
can light	9	
chandelier	2	
fluorescent fixture	5	
vanity bar light	2	
wall mount 1	2	
electrical panel	1	
fan with light	4	
light	10	
outlet	27	
outlet 220v	2	
outlet gfi	20	
outlet wp gfi	3	
smoke detector	5	
switch	32	
switch 3 way	11	

AREA SUMMARY

LIVING AREA	2171.4 SF
GARAGE	590.1 SF
PORCHES	678.6 SF
TOTAL	3440.1 SF

ELECTRICAL PLAN

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

NEW CUSTOM HOME FOR:  
FRAN AND BILLY GRAHAM

CONCEPT CONSTRUCTION  
OF NORTH FLORIDA, INC.  
2109 W U.S. HWY 90 SUITE 170-144  
LAKE CITY, FL 32055  
(386) 755-8887

BRIAN S. CRAWFORD  
ARCHITECTURAL DESIGN, LLC  
DESIGNER: BRIAN CRAWFORD  
PHONE: (386) 755-8887

DATE:

CHECKED BY:

SHEET NUMBER

A-4

OF 4 SHEETS

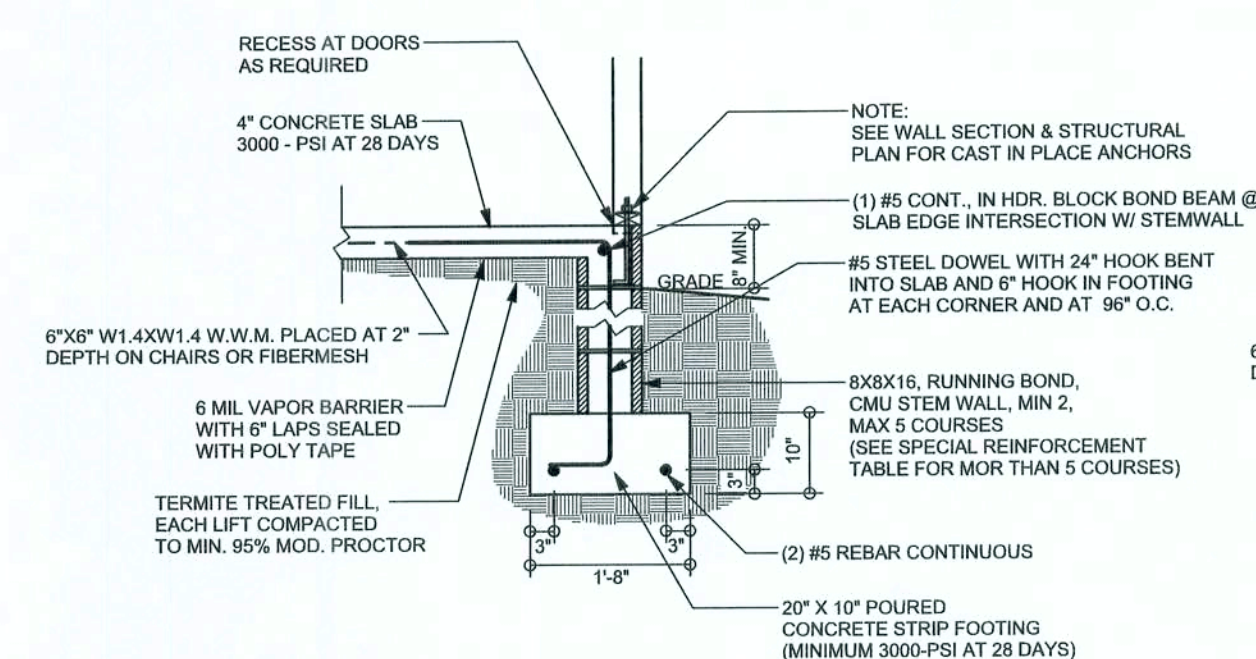




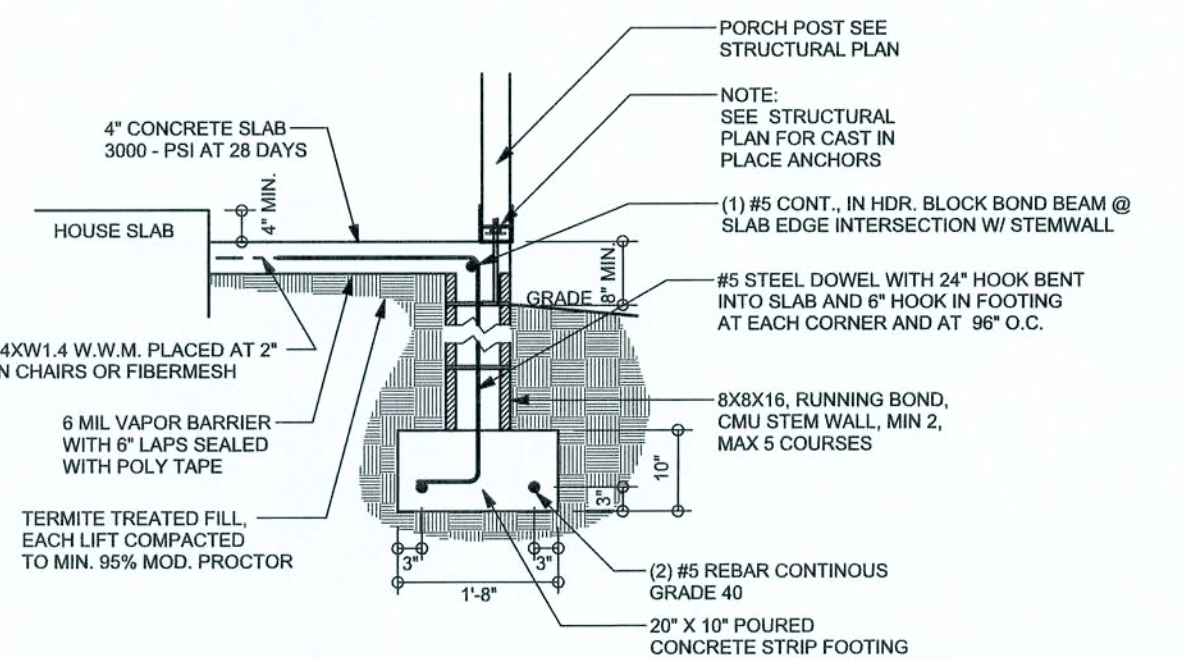


REVISIONS	

**SOFTPLAN**  
ARCHITECTURAL DESIGN SOFTWARE



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

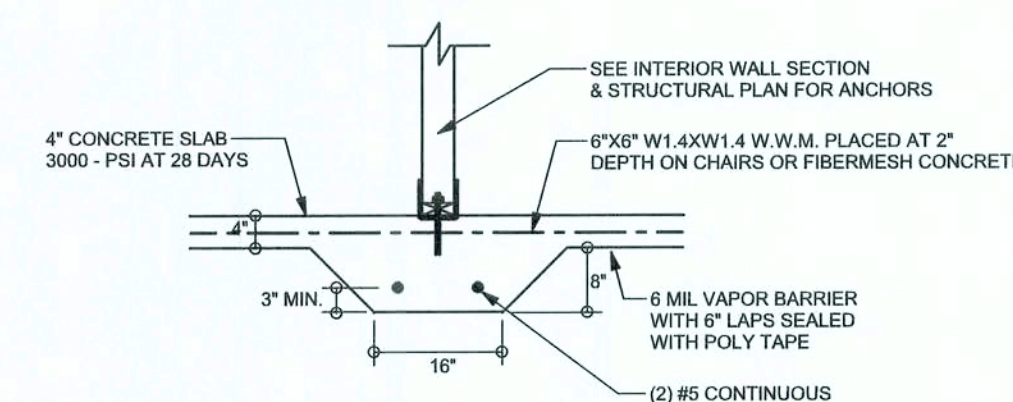


**F12 S-2** OPTIONAL STEM WALL PORCH FOOTING  
SCALE: 1/2" = 1'-0"

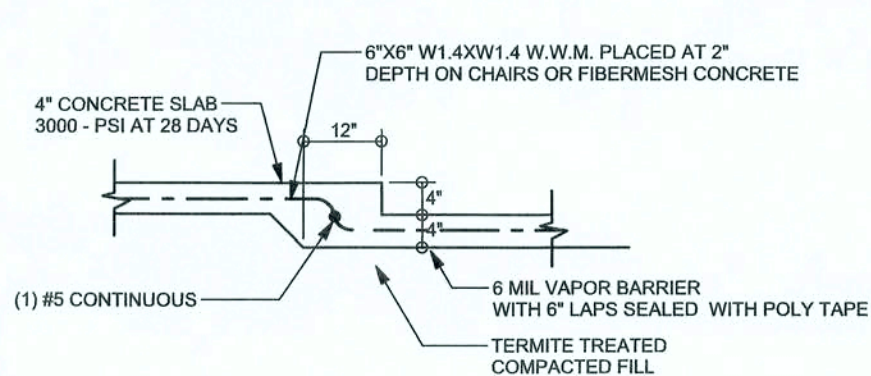
**TALL STEM WALL TABLE**

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 Diagonal ladder reinforcement at 18" O.C. 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

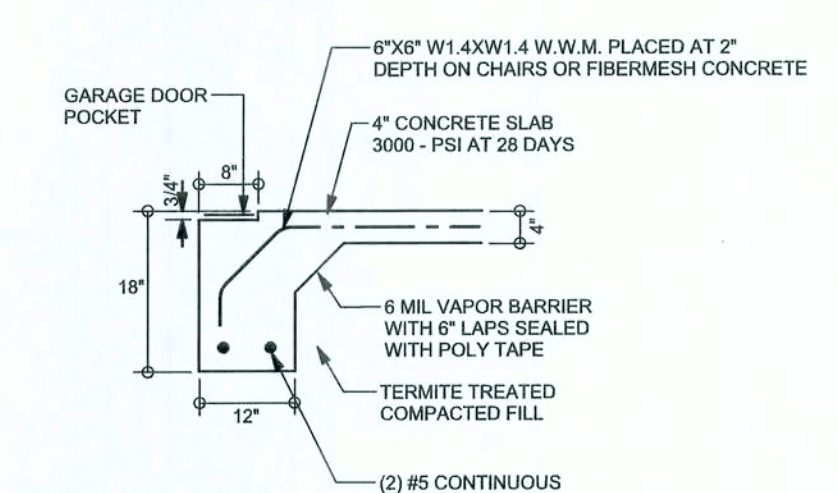


**F2 S-2** INTERIOR BEARING FOOTING  
SCALE: 1/2" = 1'-0"

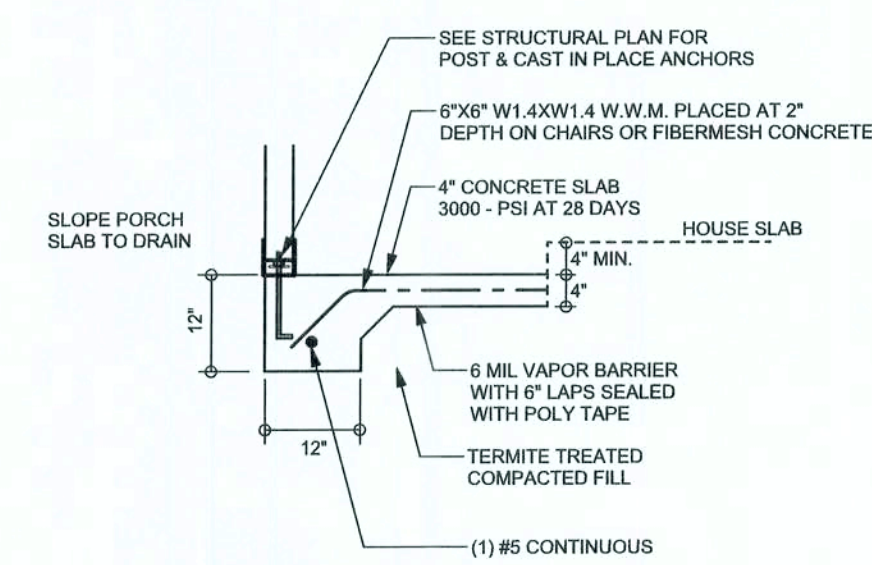


**F6 S-2** TYPICAL NON-BEARING STEP FOOTING  
SCALE: 1/2" = 1'-0"

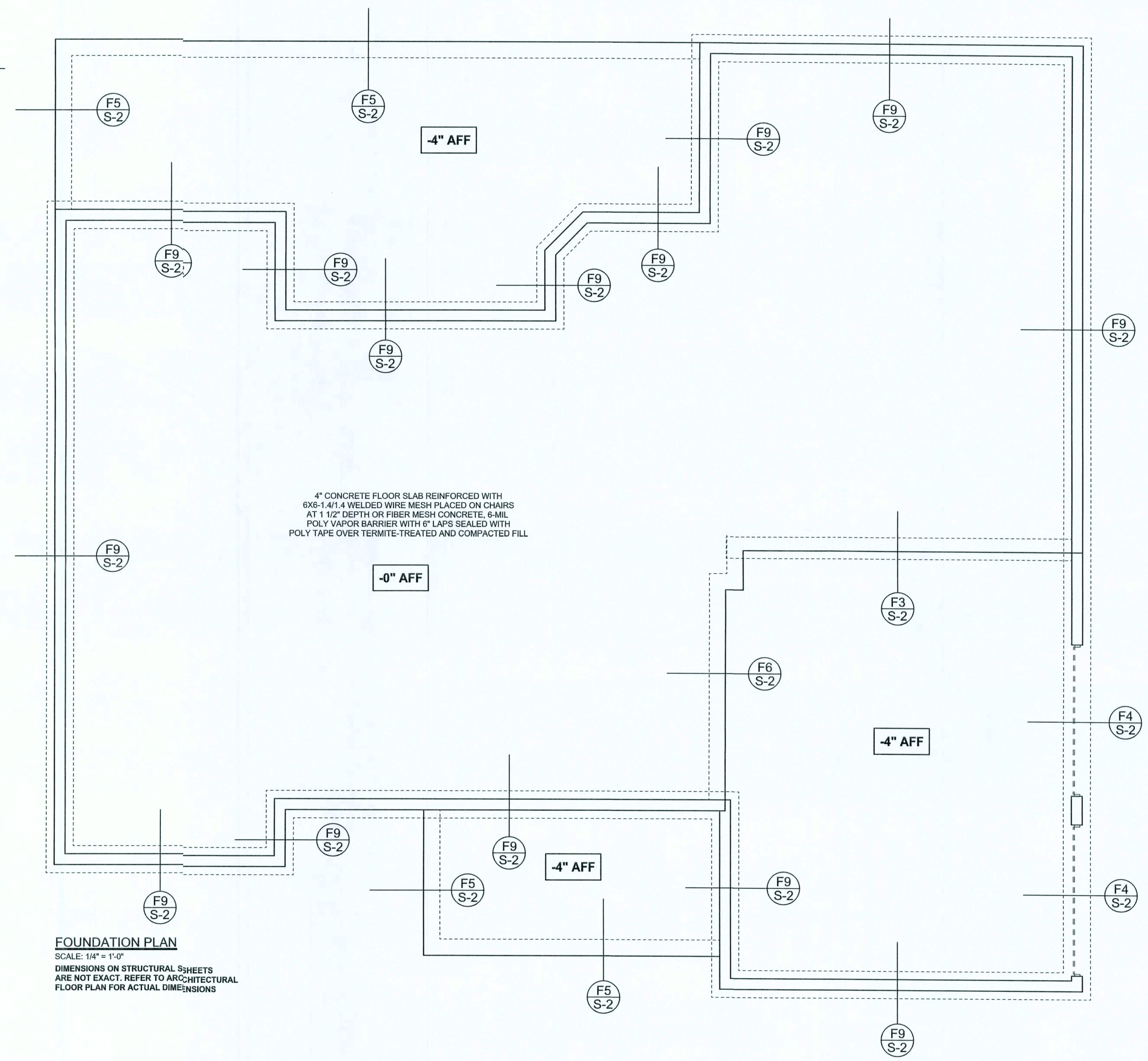
**F3 S-2** INTERIOR BEARING STEP FOOTING  
SCALE: 1/2" = 1'-0"



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



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



**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, POB 88, Lake City, FL 32056, 386-754-5419

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

COPYRIGHTS AND INTELLECTUAL PROPERTY RIGHTS: Mark Disoway, P.E. hereby expressly reserves its common law copyright 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 901.2.1, 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*  
15 Jun 06  
-EAL

Concept Construction  
Of North Florida, Inc.

Fran & Billy  
Graham Residence

ADDRESS:  
Lot 9 Covey Court  
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:  
June 14, 2006

DRAWN BY: David Disoway  
CHECKED BY:

FINALS DATE:  
15 / Jun / 06

JOB NUMBER:  
603122

DRAWING NUMBER:  
**S-2**

OF 3 SHEETS



