



AREA SUMMARY	
LIVING AREA	1405.2 SF
GARAGE	499.7 SF
PORCHES	35.0 SF
TOTAL AREA	1939.90 SF

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

NEW SINGLE FAMILY DWELLING FOR:
GREEN ACRES LOT 1

BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
DESIGNER: BRIAN CRAWFORD
PHONE: (386) 735-8887

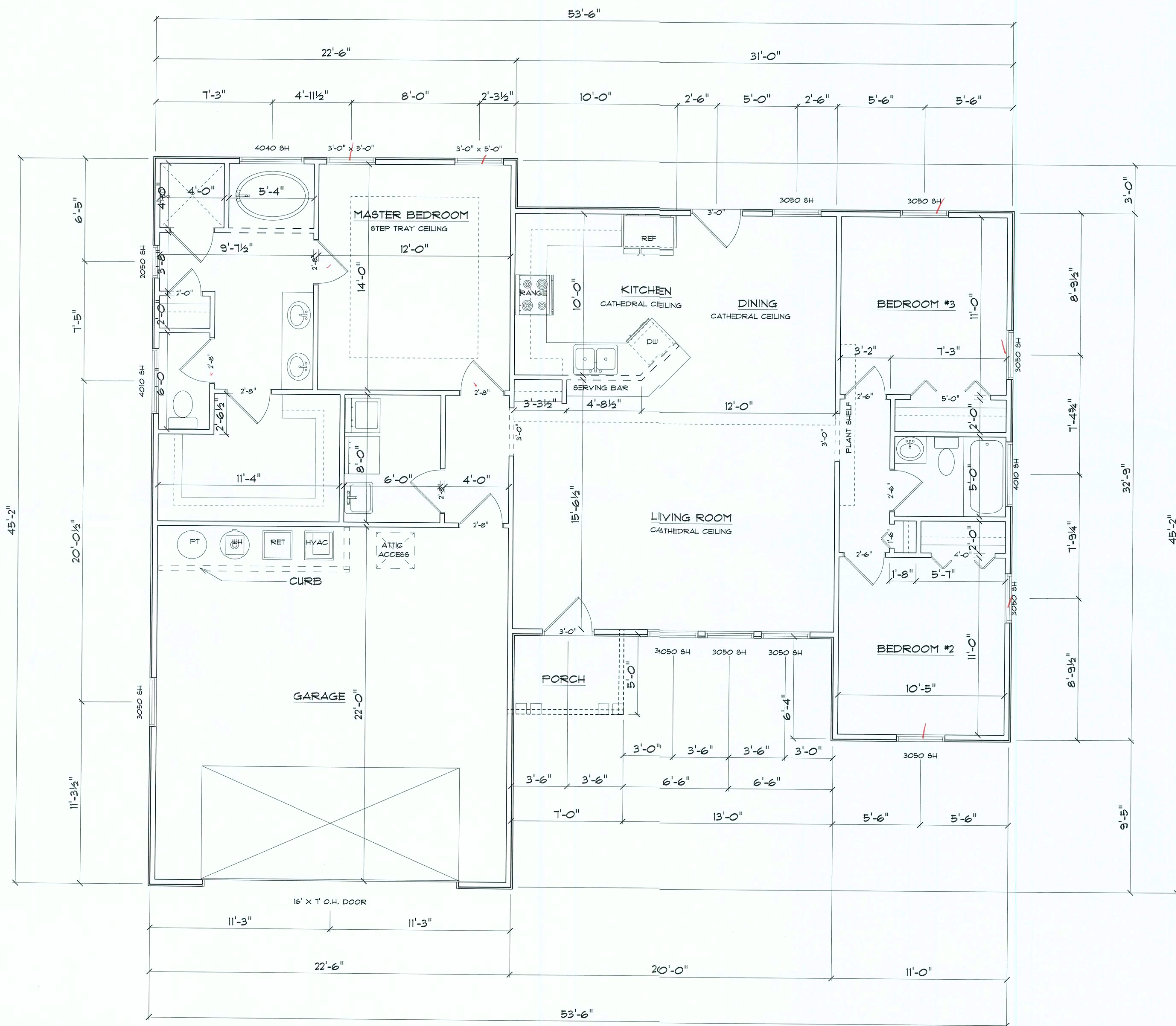
DATE:

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SHEET NUMBER

A-1

OF 4 SHEETS



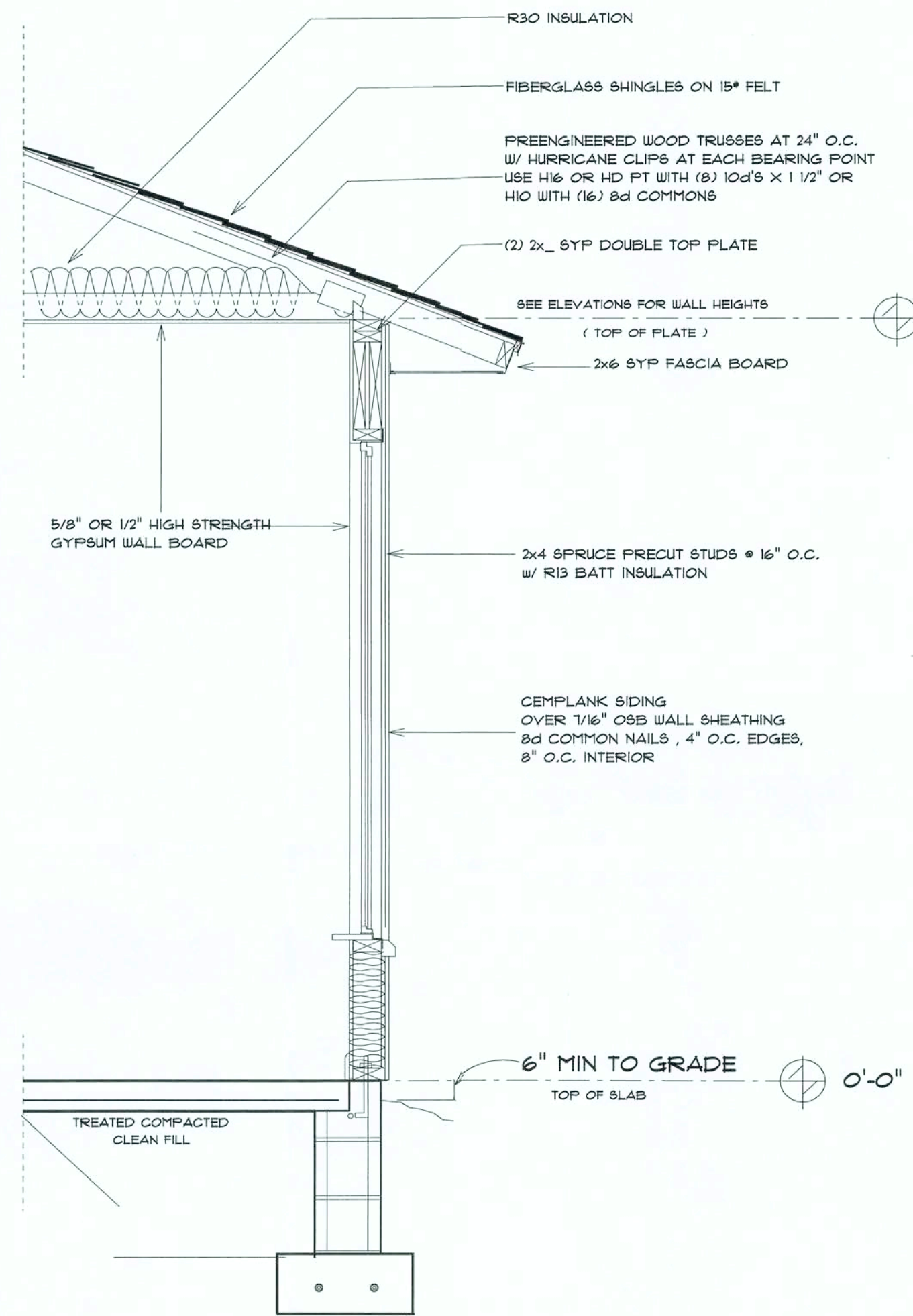
AREA SUMMARY	
LIVING AREA	1405.2 SF
GARAGE	499.7 SF
PORCHES	35.0 SF
TOTAL AREA	1939.90 SF

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

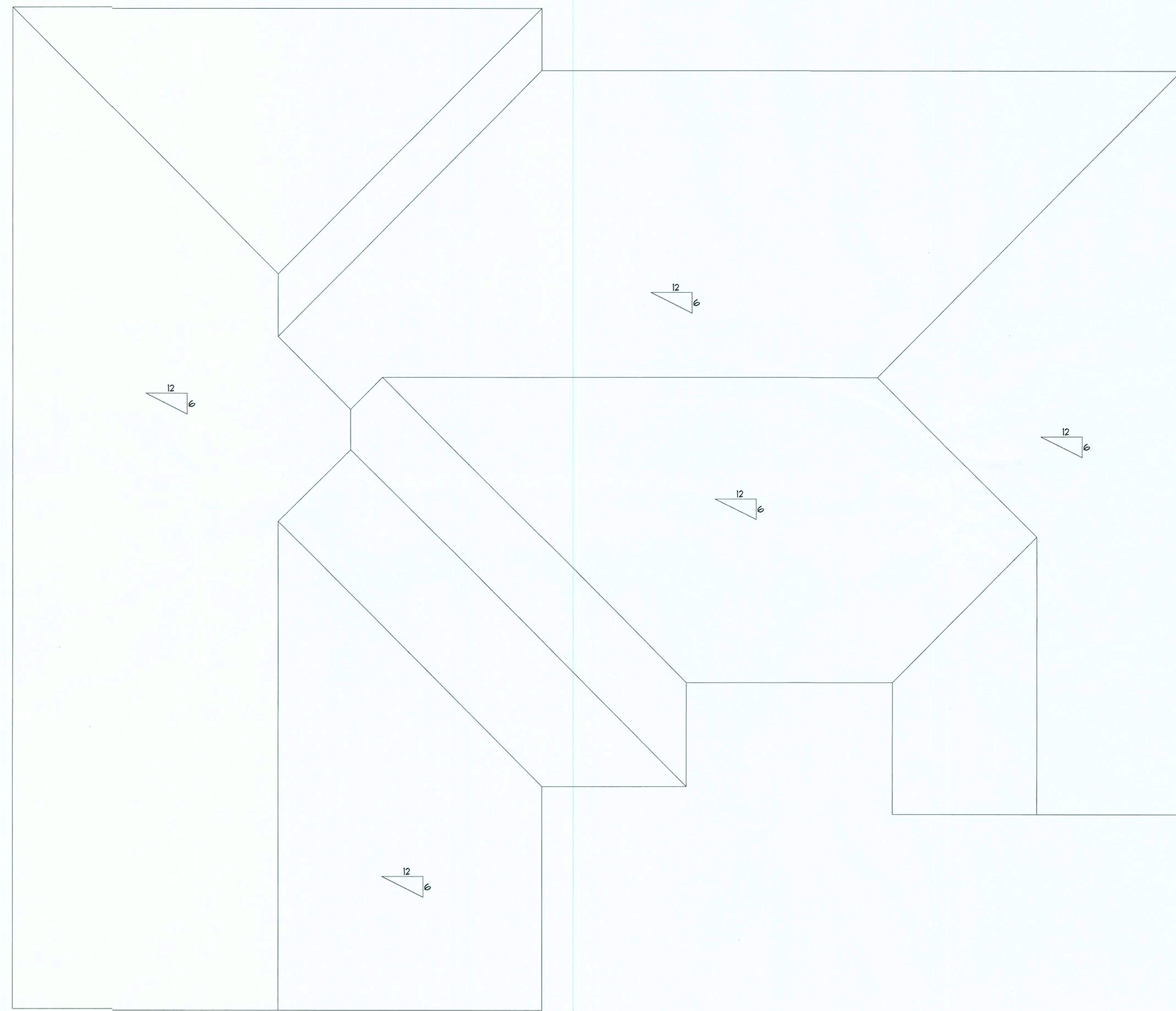
NEW SINGLE FAMILY DWELLING FOR:
GREEN ACRES LOT 1

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

DATE:
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A-2
OF 4 SHEETS



TYPICAL WALL SECTION
2 X 4 STUD WALL W/ SIDING



AREA SUMMARY	
LIVING AREA	1405.2 SF
GARAGE	499.7 SF
PORCHES	35.0 SF
TOTAL AREA	1939.90 SF

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

NEW SINGLE FAMILY DWELLING FOR:
GREEN ACRES LOT 1

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

DATE:

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A-3

OF 4 SHEETS

ELECTRICAL	SYMBOL
ceiling fan spotlights 1	
Can Light	
chandelier	
fluorescent fixture	
vanity bar light	
wall mount 1	
electrical panel	
Fan - Light Combo	
cable tv outlet	
light	
outlet	
outlet 220v	
outlet gfi	
smoke detector	
switch	
switch 3 way	
telephone	

ELECTRICAL PLAN NOTES

ALL RECEPTALS IN ALL BEDROOMS SHALL BE AFCI CIRCUITS

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

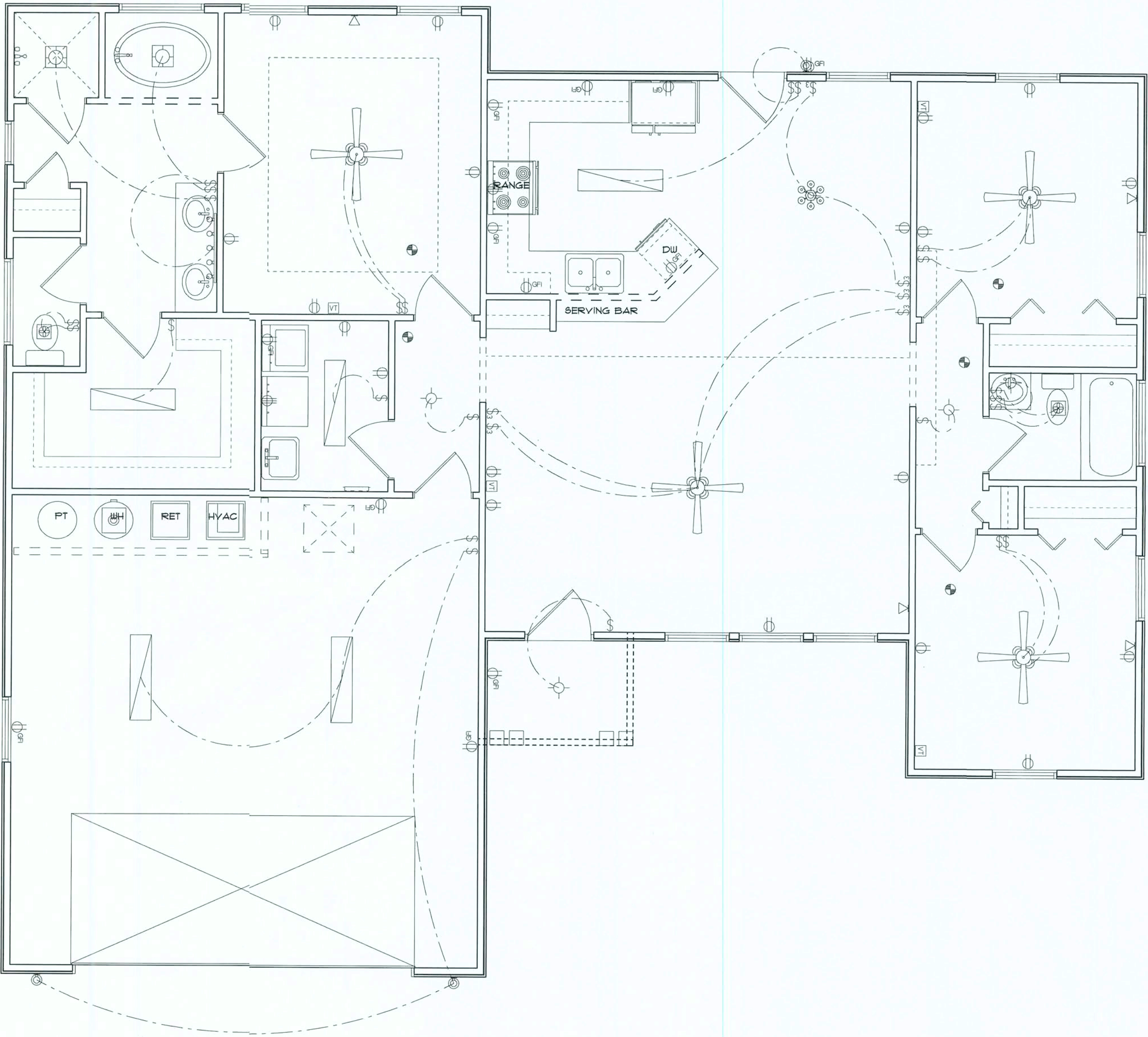
CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

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.

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, NCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS 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/TYPER & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



AREA SUMMARY

LIVING AREA	1405.2 SF
GARAGE	499.1 SF
PORCHES	35.0 SF
TOTAL AREA	1939.90 SF

ELECTRICAL PLAN

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

NEW SINGLE FAMILY DWELLING FOR:
GREEN ACRES LOT 1

BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
DESIGNER: BRIAN CRAWFORD
PHONE: (366) 755-8887

DATE:

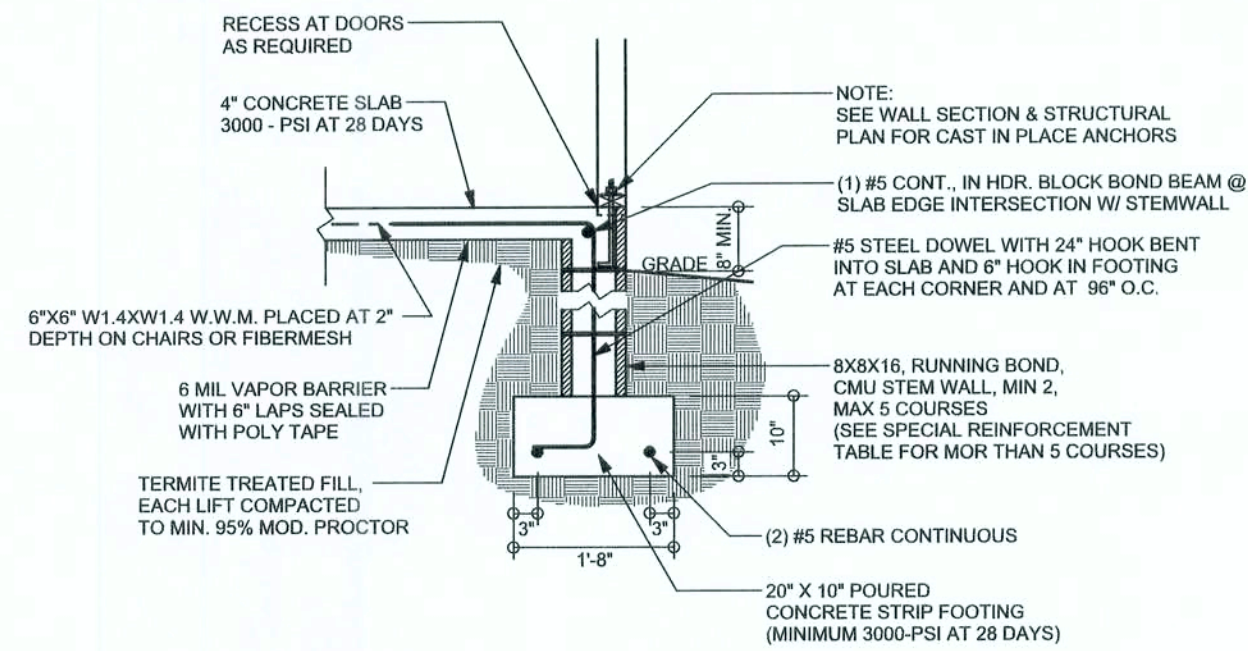
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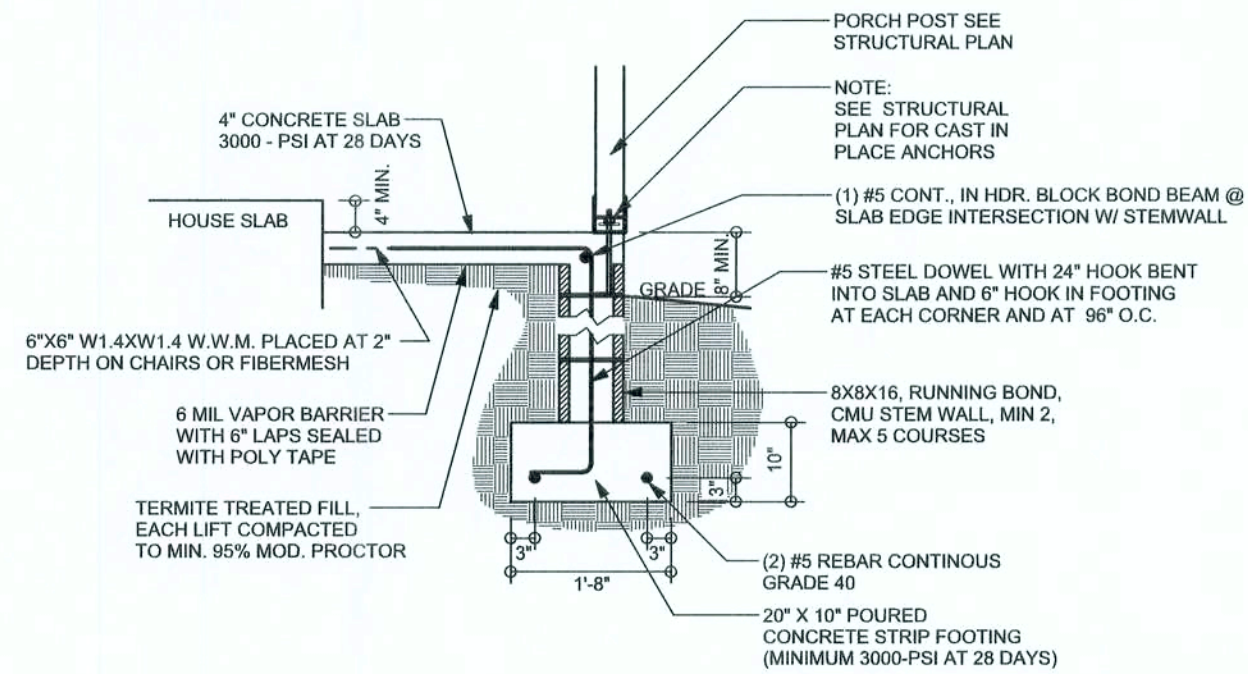
A-4

OF 4 SHEETS

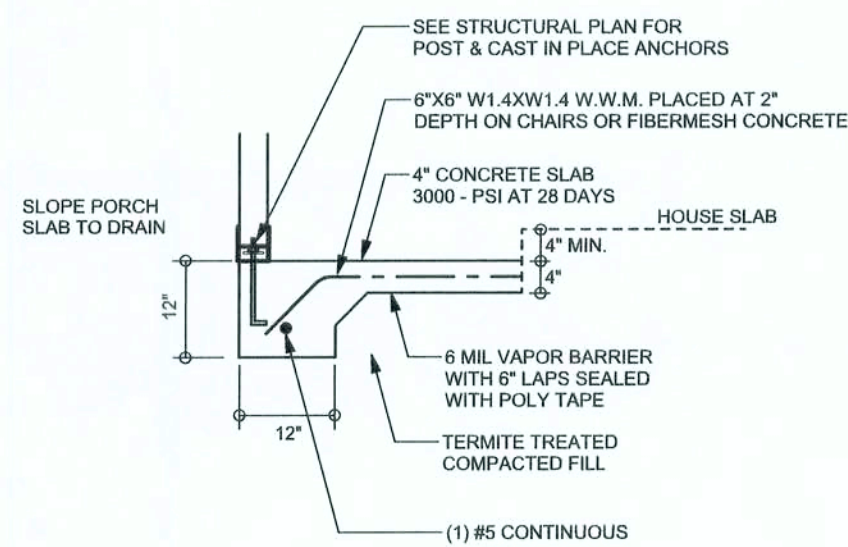




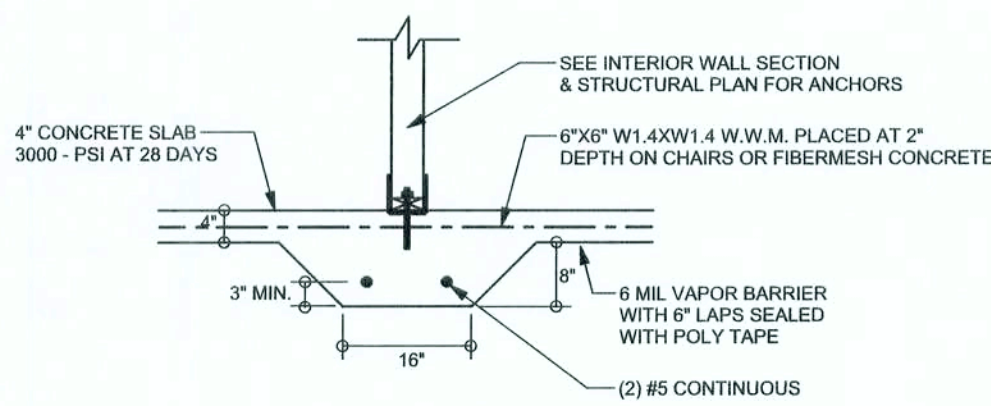
F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



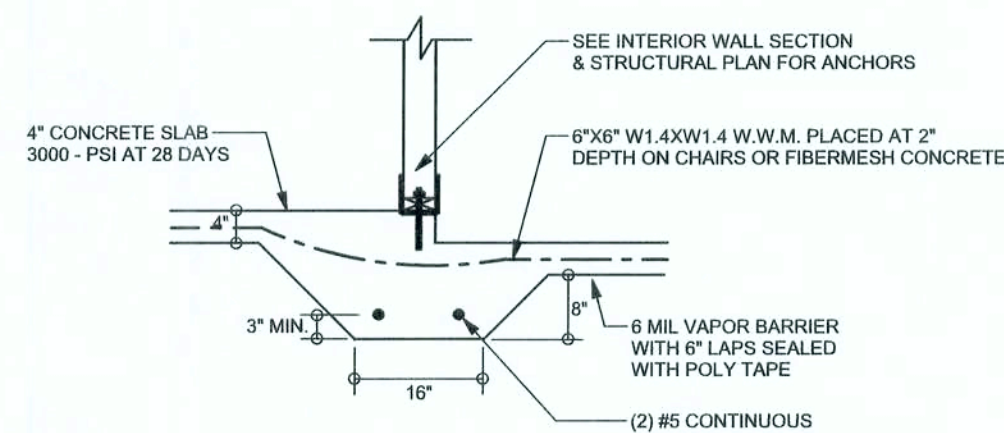
F12 S-2 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



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



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

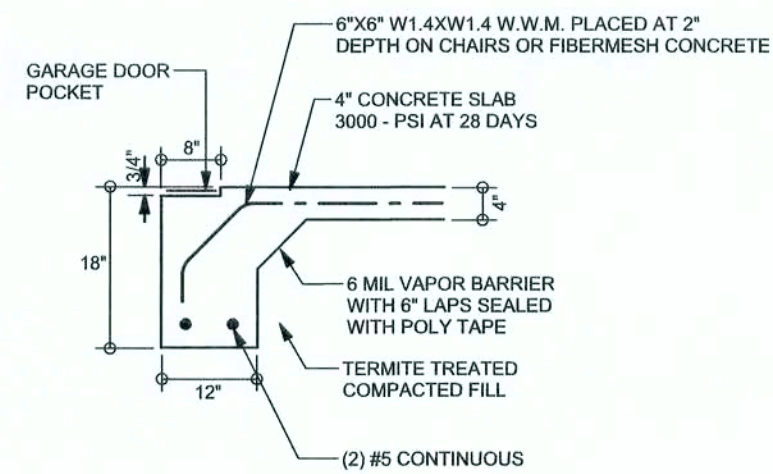


F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"

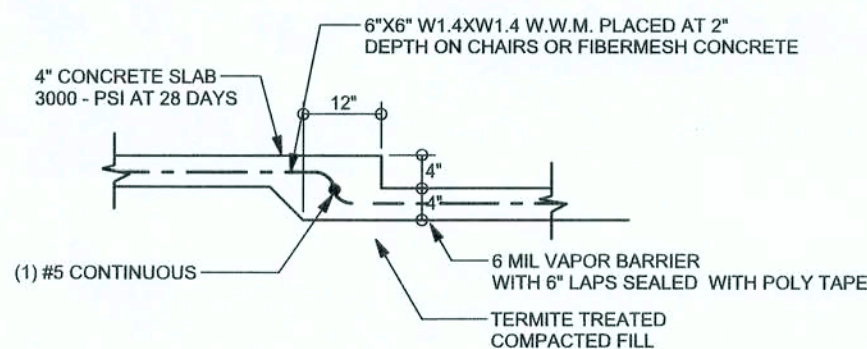
TALL STEM WALL TABLE

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"OC vertically or a horizontal bond beam with 165 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

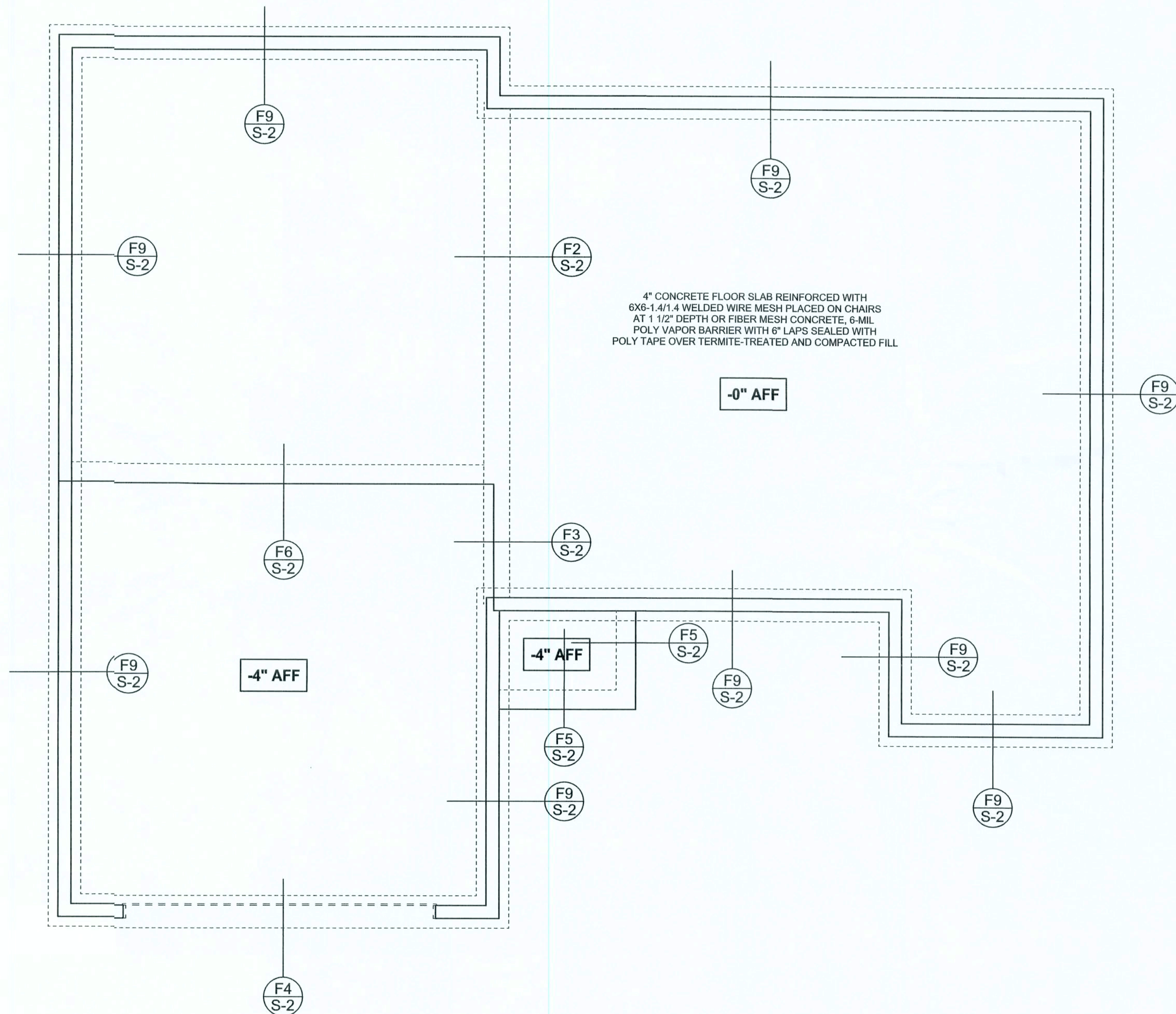
STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7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



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



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



REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER: Mark Disoway,
P.E. No. 53915, POB 888, 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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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

SEAL

Cason Construction

Spec House
Lot 1 Green Acres S/D

ADDRESS:
Lot 1 Green Acres S/D
Columbia County, Florida

Mark Disoway P.E.
P.O. Box 888
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
October 31, 2007

STRUCTURAL BY:

FINAL DATE:
31 / Oct / 07

JOB NUMBER:
710241

DRAWING NUMBER

S-2

OF 3 SHEETS

