SLAB NOTES:

1. THE CONCRETE MIX SHALL YIELD A COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS. ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI-318 (LATEST EDITION).

2. CONCRETE SLAB SHALL BE A MINIMUM OF 4" THICK w/6x12 ℘ WWF OVER A 6 MIL VAPOR BARRIER OVER REQUIRED FILL MATERIAL. GRADE BEAMS SHALL BE 16" WIDE x 24" DEEP w/ (3) NO. 5 BARS CONTINUOUS AS SHOWN ON PLAN.

3. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ATM-A615 (GRADE 60).

4. REINFORCEMENT SHALL HAVE 3" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN THE BEAM SIDES AND TOP, AND 1-1/2" COVER IN THE SLAB TOP OR BOTTOM, UNLESS OTHERWISE NOTED. ALL CONTINUOUS REINFORCEMENT SHALL LAP 36 BAR DIAMETERS AT SPLICES. PROVIDE 1-#4 BAR x 48" LONG)2-24" LEGS @ 90° BEND) AT EXTERIOR FACE OF GRADE BEAMS AT ALL CORNERS.

5. CONCRETE SHALL BE WELL CONSOLIDATED THROUGHOUT ENTIRE FORM.

6. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.

7. A MINIMUM OF 4" OF CONCRETE SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SLAB.

8. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.

9. ALL TREES WITHIN CLOSE PROXIMITY OF SLAB SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER SLAB.

10. REMOVE A MINIMUM OF 12" OF EXISTING SOIL AND ALL UNSTABLE SILT PRIOR TO PLACING FILL ALSO REMOVE ALL STUMPS, ROOTS, OR OTHER ORGANIC MATERIAL FROM SLAB AREA.

PILING NOTES:

1. RE: ARCH. DWGS FOR FLOOR PLAN, DIMENSIONS AND FRAMING DETAILS.

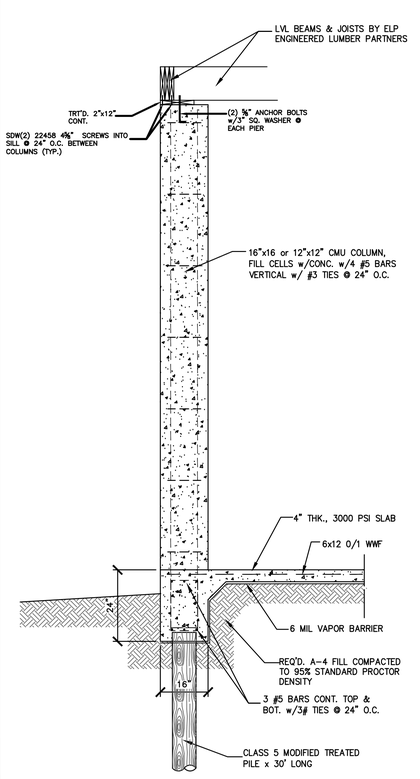
2. PILING SHALL BE CLASS 5 MODIFIED (TREATED) x 30' LONG (3 TON CAPACITY) (110 REQUIRED) AND DRIVEN TO REFUSAL. REFUSAL SHALL BE DEFINED AS 24 BLOWS PER FOOT FOR 2 CONSECUTIVE FEET AT 7,000 FT. LBS. PER BLOW.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS WITH MOST RECENT ARCHITECTURAL PLANS.

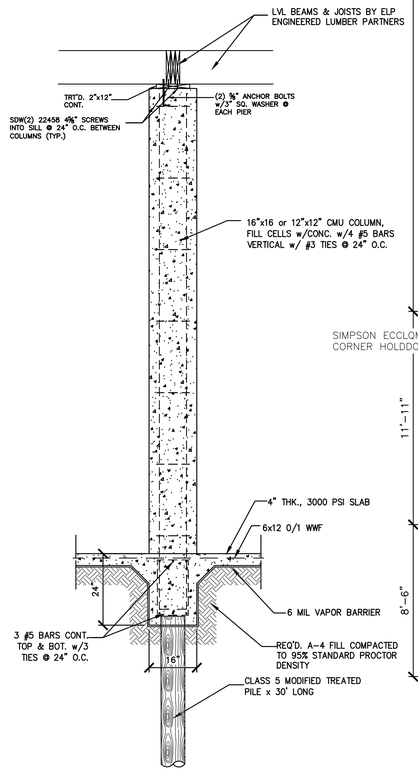
4. JOISTS AND SILLS SHALL BE SOUTHERN YELLOW PINE, GRADE NO. 2 OR BETTER OR AS SHOWN ON PLAN. INSTALL SOLID BRIDGING AT MID SPAN OF ALL FLOOR JOISTS AND/OR AS SHOWN HEREON.

5. INSTALL DOUBLE FLOOR JOISTS UNDER ALL WALLS RUNNING PARALLEL TO JOISTS AND LOAD BEARING WALLS AS SHOWN ON ARCH. DWGS..

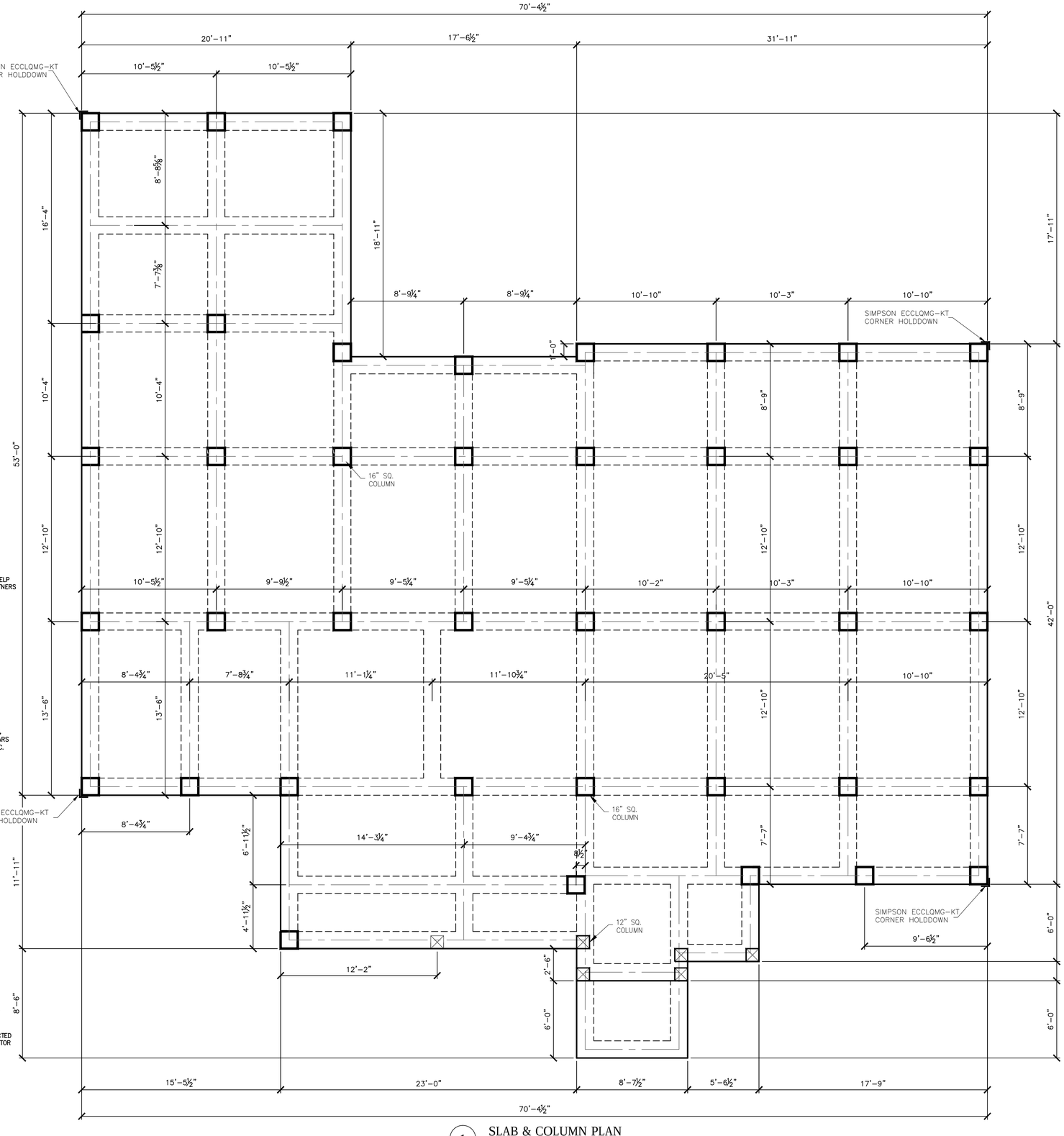
6. VERIFY FLOOD ZONE AND BASE FLOOD ELEVATION WITH PARISH BUILDING OFFICIAL FOR FINISH FLOOR ELEVATION.



3 TYP. EXTERIOR COLUMN
Scale: 1/2" = 1'-0"



2 TYP. INTERIOR COLUMN
Scale: 1/2" = 1'-0"



1 SLAB & COLUMN PLAN
Scale: 1/4" = 1'-0"

Scalfano ENGINEERING, INC.
28661 Krentel Road, Lacombe, Louisiana 70445-3367
Ph.: (985) 882-6363-Fax (985) 882-6322
Email: david@northlake-eng.net

STATE OF LOUISIANA
DAVID B. SCALFANO
REG. No. 19255
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

CLIENT: DONALD & DEBRA WOOD

PROJECT DESCRIPTION: FOUNDATION PLANS FOR THE RESIDENCE LOCATED AT 57446 MAINEGRA ROAD, ST. TAMMANY PARISH, LOUISIANA

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REVISION NO:
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JOB NO: 2121343
DATE: 05/03/2012
DRAWN BY: RMK
SCALE: AS SHOWN
COMPUTER FILE: Z:\2012\2121343 2121343.dwg

SHEET F-1

Plot Date: May 4, 2012
Dwg. File: Z:\2012\2121343\2121343.dwg