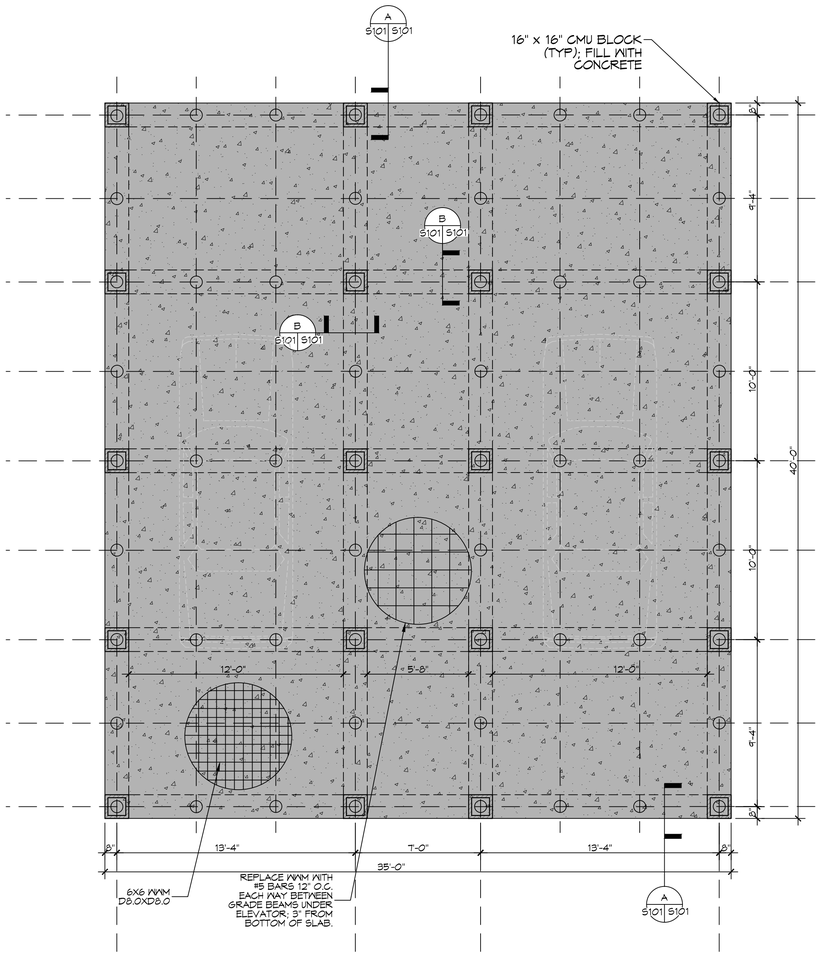
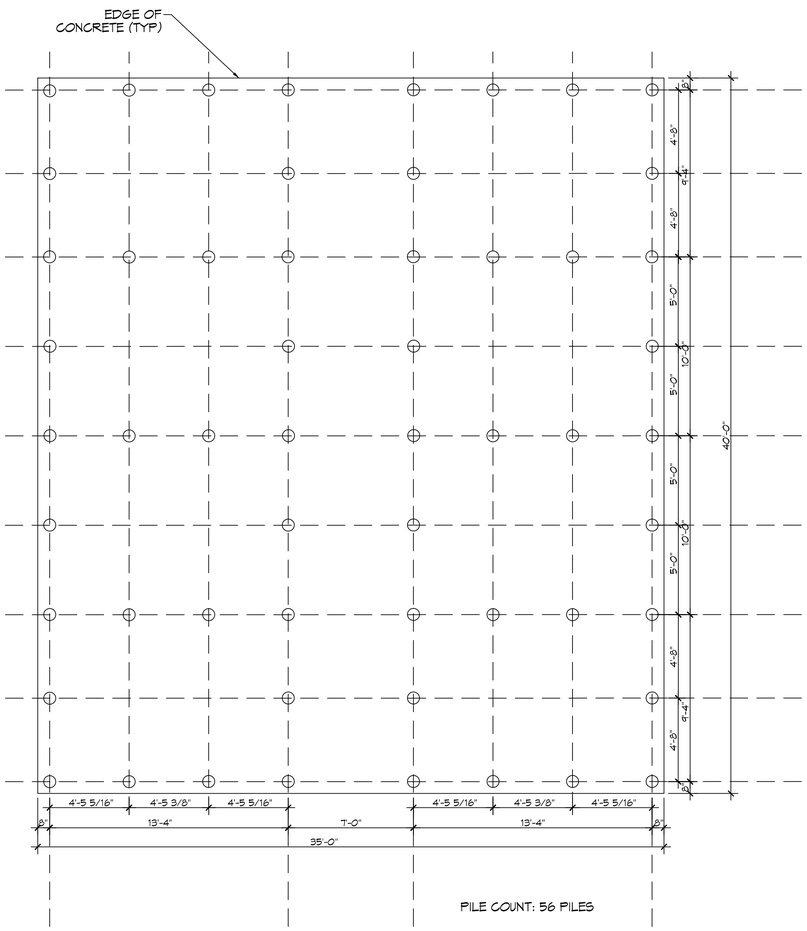


1 FOUNDATION PLAN

S101 S101

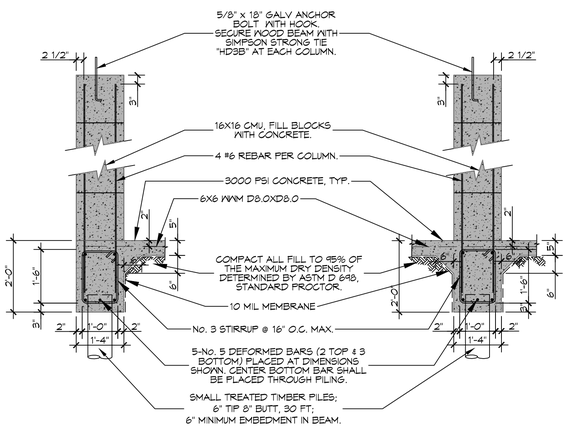
SCALE: 1/4" = 1'-0"



2 PILING PLAN

S101 S101

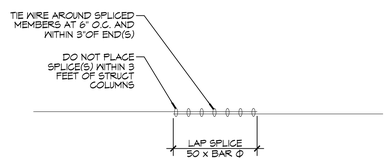
SCALE: 1/4" = 1'-0"



A SECTION

S101 S101

SCALE: 1/2" = 1'-0"



B SECTION

S101 S101

SCALE: 1/2" = 1'-0"

GENERAL SITEPREP NOTES

1. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 8 TO 10 INCHES.
2. NEW STRUCTURAL FILL SHALL BE SELECT, NONORGANIC AND DEBRIS-FREE SILTY CLAYS (CL) THAT HAVE A PLASTICITY INDEX (PI) WITHIN THE RANGE OF 10 TO 24 AND A LIQUID LIMIT (LL) LESS THAN 45. NEW FILL SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN AND RECORDED TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND THREE (3) FEET BEYOND THE PERIMETER OF THE FOUNDATION PRIOR TO SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

FOUNDATION NOTES

1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) OR CENTER OF GRADE BEAM TO CENTER OF GRADE BEAM UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON DWGS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 10 MIL, THICKNESS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.
11. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING AND AFTER CONSTRUCTION. PROVIDE GRADING, SWALES AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAIN WATER FROM THE CONSTRUCTION AREA. GOOD SURFACE DRAINAGE WITH POSITIVE COLLECTION AND RUNOFF AND SLOPES AWAY FROM THE CENTER OF THE BUILDING SHOULD BE ASSURED. AFTER PILES HAVE BEEN DRIVEN, PROVIDE A 6" HIGH POINT IN THE CENTER OF THE FOUNDATION SLOPING TO THE EDGE OF THE BUILDING. SUITABLE FILL SHALL BE FREE OF TRASH, LUMPS, HUMUS, PIECES OF WOOD OR ANY OTHER DELETERIOUS MATERIAL.

PILING NOTES

1. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25.
2. PILES SHALL BE CLASS 5 TIMBER PILES WITH A LENGTH OF 30 FEET, HAVE A 6" TIP AND 8" MINIMUM BUTT DIAMETER.
3. PILE CAPACITY SHALL BE MINIMUM OF 5 TONS EACH PILE, DRIVEN TO 30 FT. BELOW NATURAL GRADE OR REFUSAL. PRE DRILLING MAY BE REQUIRED. IF PRE-DRILLING IS PERFORMED, PRE-DRILL TO A MAXIMUM DEPTH OF 15 FT. USING A WET ROTARY DRILL WITH A BIT NO LARGER THAN 6 INCHES.
4. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
5. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
6. A PILE BLOW COUNT LOG OF ALL PILES IS TO BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY.
7. USE DROP HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 7,500 FT-LBS OF ENERGY PER BLOW, RAM WEIGHT OF DROP HAMMER SHALL NOT EXCEED 2,500 TO 3,000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT., AT MINIMUM OF 25 BLOWS PER FOOT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.

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REVISIONS

#	DESCRIPTION	DATE
1	ADDED REBAR UNDER ELEVATOR	8/31/2018

SEAL:

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NEW RESIDENCE

VICKY MAGAS
281 CARR DR.
SLIDELL, LA 70458

DATE:	8-3-2018
CHECKED BY:	BAM
DRAWN BY:	CKD
JOB No:	

SHEET TITLE:
FOUNDATION PLAN / FRAMING PLAN

DRAWING NUMBER:

S101

SHEET No: 2 of 24