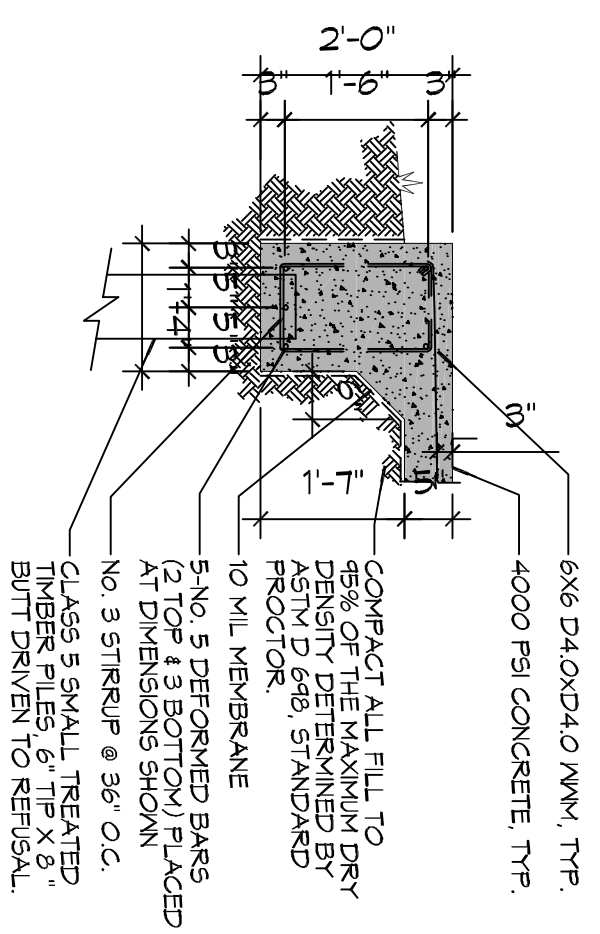
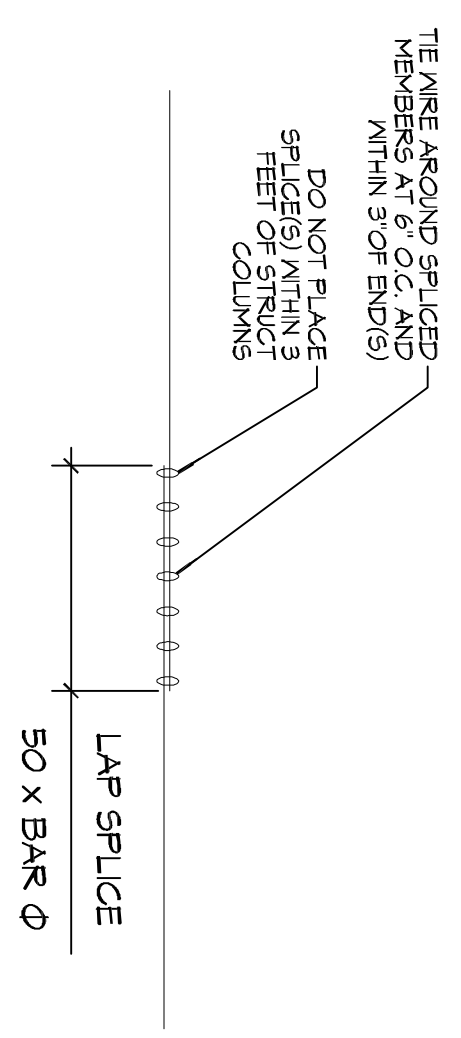


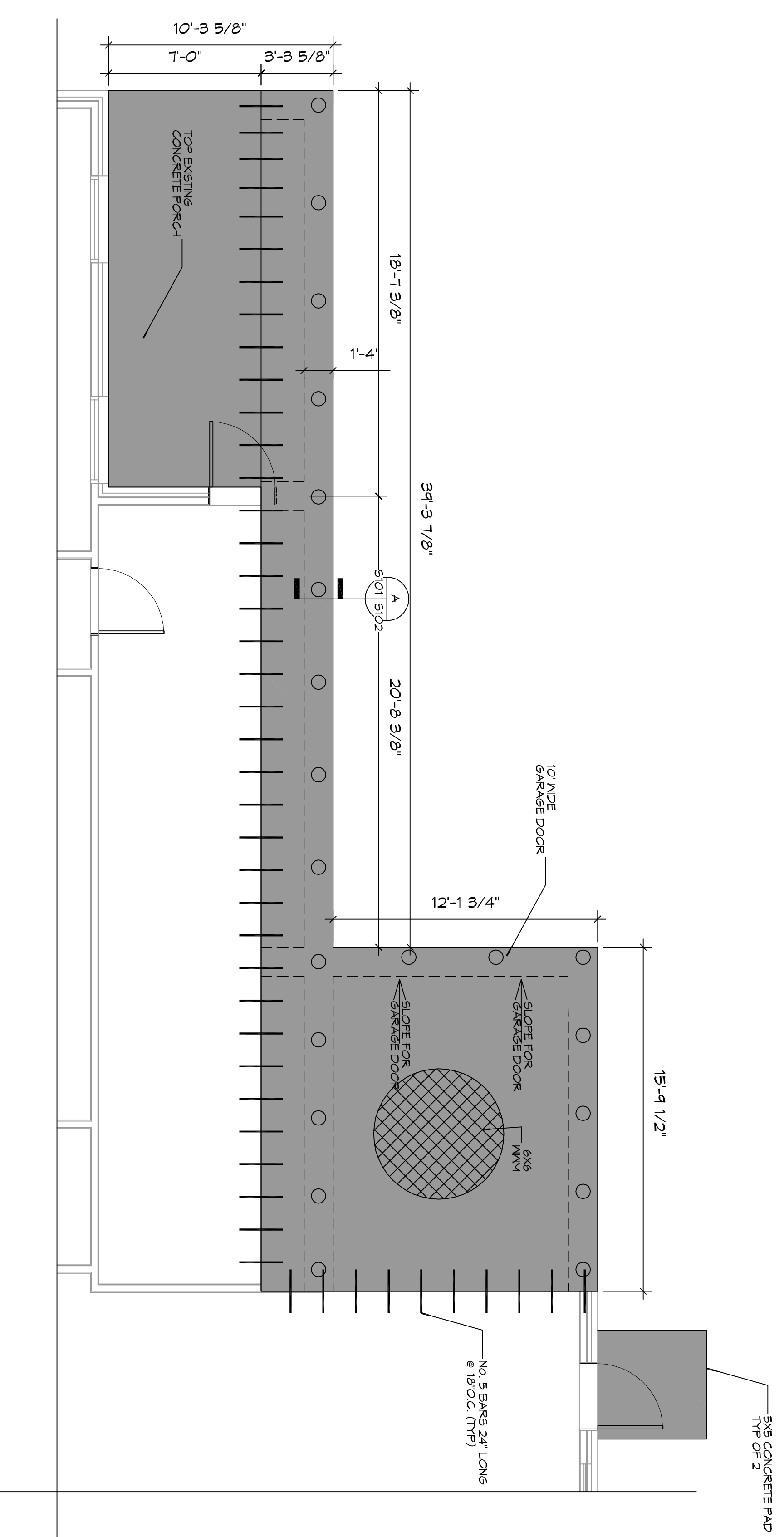
A FOUNDATION DETAIL
EXTERIOR GRADE BEAM
SCALE: 1/2" = 1'-0"



B FOUNDATION DETAIL
EXTERIOR GRADE BEAM AT GARAGE DOOR
SCALE: 1/2" = 1'-0"



C FOUNDATION DETAIL
TYP SPLICE DETAIL
SCALE: 1/2" = 1'-0"



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

GENERAL NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ASTM D225.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM A618 (GRADE 60).
3. ONE LAYER OF POLYETHYLENE VAPOUR BARRIER SHALL BE PLACED UNDER THE CONCRETE. REINFORCEMENT SHALL BE PLACED ON STEEL INDENTED STEEL OR NEAR ECO-SHIELD-15 MIL BY ERRO OR CON BAR 15 BY FLATIRON FILM. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
4. ALL REINFORCING STEEL AND MEAN SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
5. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CHU LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SNAPE.
6. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
7. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MINIMUM OF 6" LIFTS.
8. A MINIMUM OF 4" CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
9. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUBGRADE.
10. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT ROOTS FROM EXTENDING UNDER THE SLAB.
11. PROVIDE AND MAINTAIN INVERTED SITE DRAINAGE BEFORE DRIVING PILES AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE 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 FLOW BACK TO OR UNDER THE EXCAVATIONS. THE EXCAVATIONS SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
12. NEW SPREAD CONCRETE FOOTINGS AND CONTIGUOUS FOOTINGS BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1200 PSF AND 2000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
13. BASED ON THE RESULTS OF THE FIELD AND LABORATORY TESTS, AND THE ANTICIPATED FOUNDATION LOADS, DIFFERENTIAL SETTLEMENT IS ESTIMATED TO BE LESS THAN 1 INCH.
14. TREAT SOIL BELOW SLAB FOR TERMITES.

PILING NOTES

1. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D225.
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 1,500 FT.-LBS OF ENERGY PER BLOW. RAY 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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NEW FUNERAL HOME

BOYD FAMILY FUNERAL HOME

4800 DOWNMAN ROAD
NEW ORLEANS, LA

JOB No: 2396 DATE: 04-03-2019

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FOUNDATION PLAN

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