

GENERAL NOTES

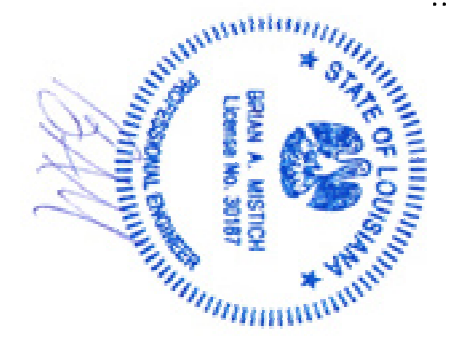
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING SQUARE LOCATIONS ON ARCHITECTURAL DWGS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH (GRADE 40).
4. ALL CONVENTIONAL REINFORCING STEEL SHALL VERIFY ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOUR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOUR BARRIER TO BE MINIMUM 10 MIL THICKNESS. ASTM E 1755 CLASS A PERFORMANCE LESS THAN 0.01 PERMS. EQUAL TO STEREO INDUSTRIES STEREO-KAP ECOSHIELD-E 15 MIL BY EQAO, OR KOMBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PRESENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DEPTHS, OFFSETS, BRICK LEDGES, REBAR SPACING, AND CONFINEMENTS. CONTRACTOR MUST BE GRADE BEAM DIMENSIONS MAY VARY BY -5% -20%.
8. ALL SOIL BELOW SLAB SHALL RECEIVE TREATMENT.

PILING NOTES

1. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D 25.
2. PRIOR TO PILE DRIVING IT IS RECOMMENDED THAT THE OWNER VERIFY THE SUBSTRATE CAPACITY OF THE BRONX DRIVE. THE BRONX DRIVE SHALL BE CAPABLE WITH A PILE LOAD TEST. IF NO SOIL ANALYSIS FOR THE PROPERTY HAS BEEN PROVIDED TO ENGINEER, CONTRACTOR MUST ADVISE OWNER THAT PILE LOAD CAPACITY USED ARE BASED ON LOCAL CODES AND HISTORICAL INFORMATION WHERE AVAILABLE, AND THAT THE SOIL DATA FOR THE SPECIFIC PROJECT AREA MAY NOT BE REPRESENTATIVE WITH THESE DATA. CONTRACTOR SHALL OBTAIN TO HAVE A TEST COPY OF THE BRONX DRIVE FOR DRIVING EACH PILE.
3. PILING SHALL BE CLASS 'B' PILES. CAPACITY SHALL BE 8 KIPS EACH. PILES SHALL BE DRIVEN TO A MINIMUM OF 15 FT. USING A WET ROTARY DRILL. PRE-DRILLING MAY BE REQUIRED IF PRE-DRILLING IS PERFORMED WITH A BIT NO LARGER THAN THE TIP DIAMETER.
4. LABEL EACH PILE WITH HORIZONTAL LINES AT 12 INCH INTERVALS.
5. PILE PROOF HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 1500 FT LBS OF ENERGY PER BLOW. RAIN WEIGHT OF DROP HAMMER SHALL NOT EXCEED 2500 TO 3000 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.
6. TREAT ALL FIELD CUTS, HOLES OR OTHER PENETRATIONS INTO PILING IN ACCORDANCE TO APCA W4, FIELD APPLIED MOOD PRESERVATIVE.
7. CONTRACTOR SHALL PERFORM A STATIC LOAD TEST ON 10% OF DRIVEN PILES. THESE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST REVISION OF ASTM D143 STANDARD TEST METHOD FOR PILES UNDER STATIC AXIAL COMPRESSIVE LOAD. CONTRACTOR SHALL SUBMIT NUMBER AFFIDAVIT TO THE ENGINEER FROM COMPLETION VERIFYING THAT ALL PILES HAVE BEEN DRIVEN PER PLANS.
8. REMOVE AND VACUUM IMMEDIATE SITE DRAINAGE BEFORE DRIVING AND AFTER CONSTRUCTION PROVIDE DRAINAGE SWALES AND SLOPE FROM THE CONSTRUCTION AREA. GOOD SURFACE DRAINAGE WITH POSITIVE COLLECTION AND RUNOFF AND SLOPES AWAY FROM THE CENTER OF THE BUILDING SHOULD BE ASSURED.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950



NO.	DESCRIPTION	DATE

RENOVATIONS AND ADDITIONS TO THE MARLOWE RESIDENCE

FOUNDATION PLAN

SHEET TITLE: FOUNDATION PLAN

DRAWING NUMBER: 5101

SHEET NO. 3 OF 7

JOB No: 2017 DATE: 01-05-17

DRAWN BY: JTL CHECKED BY: BAM