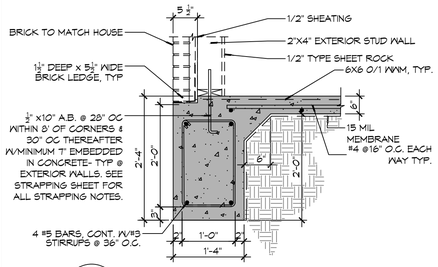
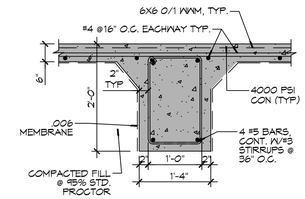
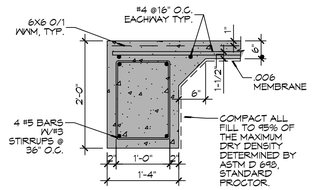


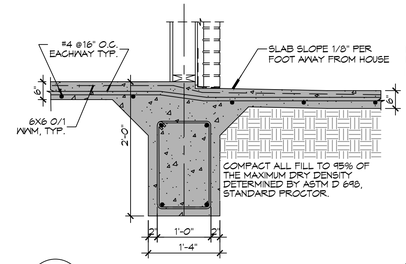
A S101|S101 SECTION
SCALE: 1/2" = 1' - 0"
EXTERIOR GRADE BEAM



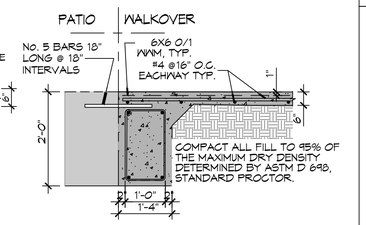
B S101|S101 SECTION
SCALE: 1/2" = 1' - 0"
INTERIOR GRADE BEAM



C S101|S101 SECTION
SCALE: 1/2" = 1' - 0"
EXTERIOR GRADE BEAM



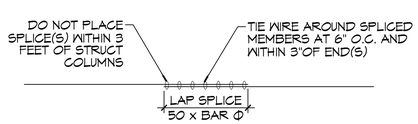
D S101|S101 SECTION
SCALE: 1/2" = 1' - 0"
GRADE BEAM PORCH



E S101|S101 SECTION
SCALE: 1/2" = 1' - 0"
GRADE BEAM WALKOVER

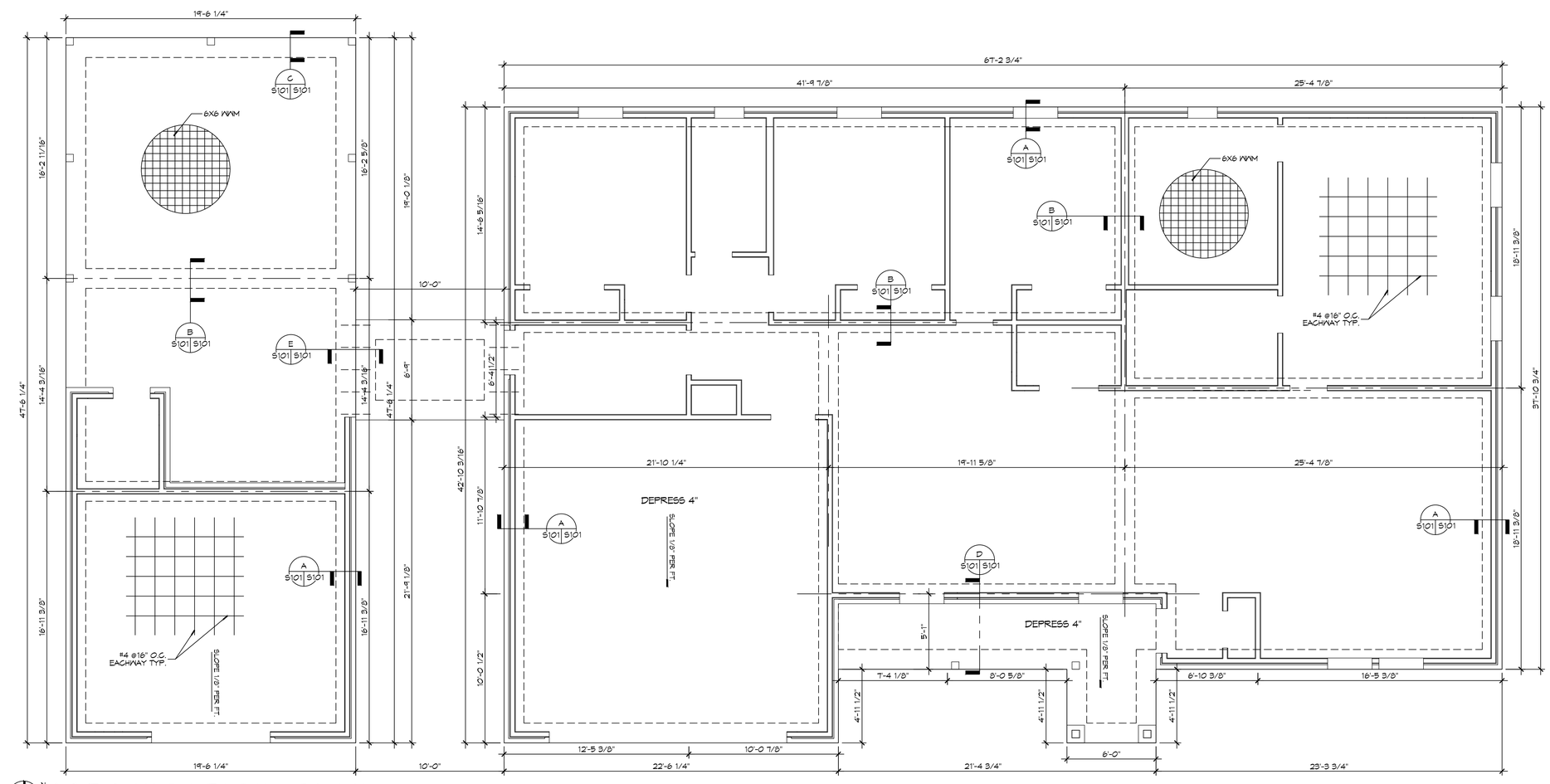
GENERAL FOUNDATION NOTES

1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS AND DOUBLE UP ON FLOOR JOIST IN THOSE AREAS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 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; ASTM E 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, ECOSHIELD-E 15 MIL BY EPRO, OR IRONBAR 15 BY FLATIRON FILMS. 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.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. FILL, AS A MINIMUM QUALITY, SHALL BE 40% CLAY AND 60% SANDY MIXTURE, PLACED IN 6" LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. FOOTINGS ARE DESIGNED TO USE SOIL WITH A BEARING PRESSURE OF 2000 LBS. PER SQUARE FOOT OR MORE. IT IS RECOMMENDED THAT THE OWNER VERIFY ALLOWABLE SOIL BEARING PRESSURE CAPACITY BY CONTRACTING THE SERVICES OF A SOILS ENGINEERING COMPANY.
9. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.



REBAR SPLICE

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



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

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985-649-5822
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

HUGO MARTINEZ

LOT 3, STOKES DRIVE
OAK RANCH ESTATES
SLIDELL, LA 70460

JOB No:	
DRAWN BY:	CKD
CHECKED BY:	BAM
DATE:	10-03-2023

THIS PLAN AND ANY RELATED DRAWINGS, DESIGNS AND SPECIFICATIONS PREPARED BY DAMMON ENGINEERING, INC. ARE THE PROPERTY OF DAMMON ENGINEERING, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN CONSENT OF DAMMON ENGINEERING, INC. THE PLAN HAS BEEN PREPARED AT THE REQUEST OF THE OWNER FOR THE PROJECT FOR WHICH THE PLAN WAS PREPARED AND AS SUCH MAY BE USED BY THE OWNER FOR ITS USE AND BENEFIT FOR THE PROJECT FOR WHICH THE PLAN WAS PREPARED. ANY OTHER USE OR REPRODUCTION OF THE PLAN IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF DAMMON ENGINEERING, INC.

SHEET TITLE:
FOUNDATION PLAN

DRAWING NUMBER:
S101

SHEET No: 5 of 6