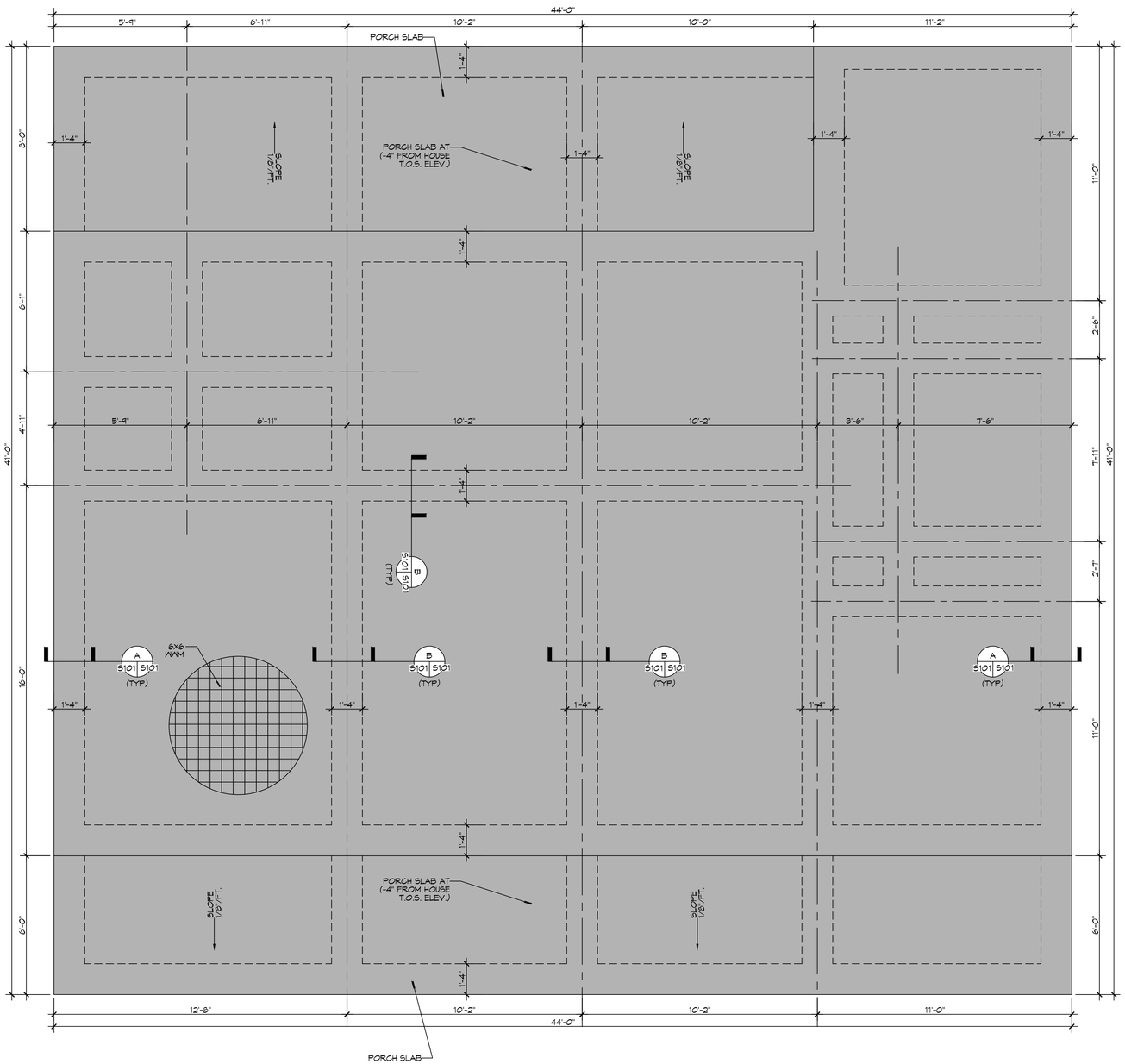
FILE NAME: J:\... Foundations w Structural Grid\Main Bone House Foundation\Current Drawings\S101 - Foundation Plan.dwg PLOT DATE & TIME: Monday, August 7, 2023 7:08:38 AM



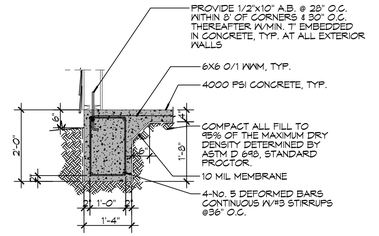
1 S101 S101 **FOUNDATION PLAN**
SCALE: 3/8" = 1'-0"

DESIGN CRITERIA

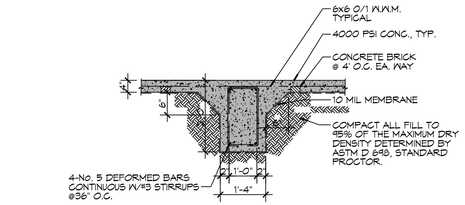
THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 130 MILES PER HOUR, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

GENERAL FOUNDATION NOTES

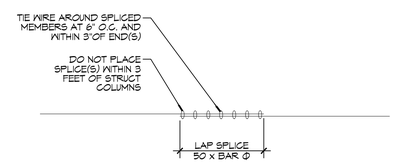
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON ARCHITECTURAL DWGS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
4. ALL CONVENTIONAL 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. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MINIMUM NET ALLOWABLE BEARING PRESSURES OF 1200 PSF AND 2000 PSF, RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
10. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.



A S101 S101 **FOUNDATION DETAIL**
SCALE: 1/2" = 1'-0" EXTERIOR GRADE BEAM



B S101 S101 **FOUNDATION DETAIL**
SCALE: 1/2" = 1'-0" INTERIOR GRADE BEAM



2 S101 S101 **FOUNDATION DETAIL**
SCALE: 1/2" = 1'-0" TYP SPLICE DETAIL

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#	DESCRIPTION	REVISIONS	DATE

STATE OF LOUISIANA
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FOUNDATION PLAN
VORHEINE
1170A4 HEBERT RD
ABITA SPRINGS, LA. 70420

JOB No:	2023
DATE:	08-01-2023
DRAWN BY:	CKD
CHECKED BY:	CKD

SHEET TITLE:
FOUNDATION PLAN

DRAWING NUMBER:
S101

SHEET No: 1 of 2