

E.C. MARK, A.E. FOUNDATIONS OF LOUISIANA, 11205 Maple Ridge Road, Metairie, Louisiana 70001, (504) 885-1100, www.ecmark.com

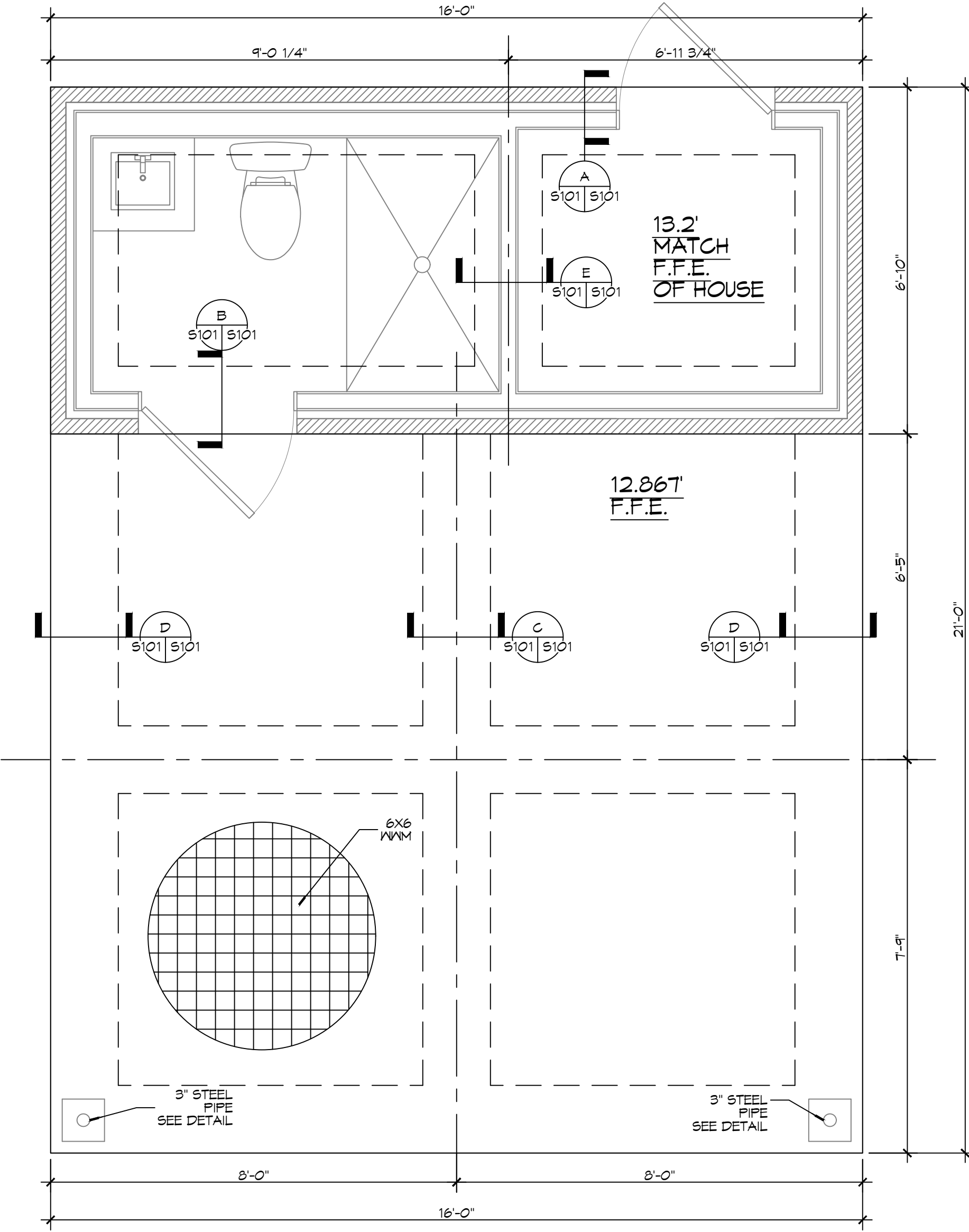
FOUNDATION NOTES

- ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
- VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON ARCHITECTURAL DWGS.
- CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
- ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- TWO LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 6 MIL THICKNESS; ASTM E 1745 CLASS A PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, EGOSHIELD-E 15 MIL BY EPRO, OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
- ALL MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
- THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME. SEE ARCHITECTURAL DRAWINGS.
- 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 CAPACITY OF 2000 LBS. PER SQUARE FOOT OR MORE. IT IS RECOMMENDED THAT THE OWNER VERIFY ALLOWABLE SOIL BEARING CAPACITY BY CONTRACTING THE SERVICES OF A SOILS ENGINEERING COMPANY.
- ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.

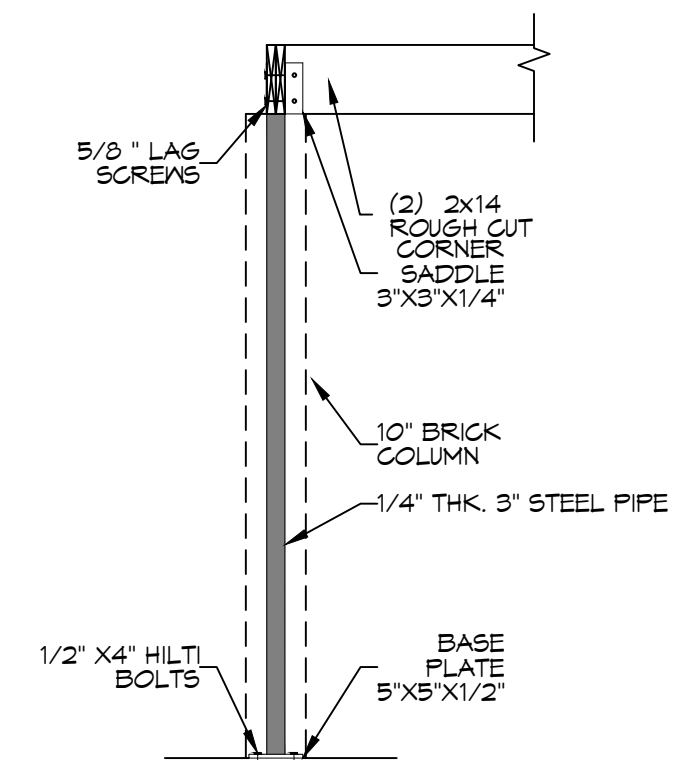
DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE WIND SPEED IS 140 MILES PER HOUR, AND V_{86d} WIND SPEED IS 130 MPH, 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. STRUCTURE SHALL BE BUILT TO THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE (2021 IECC) AND STATE AMENDMENTS ADOPTED JULY 1, 2023.

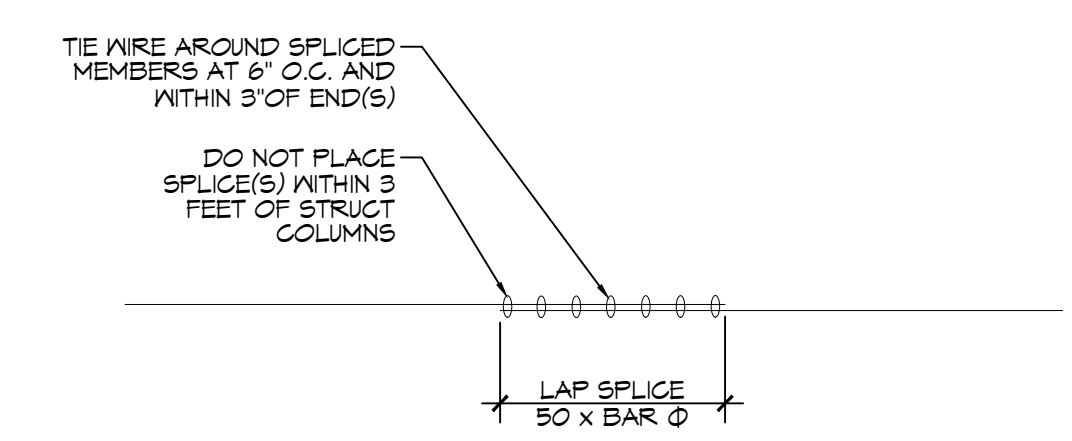
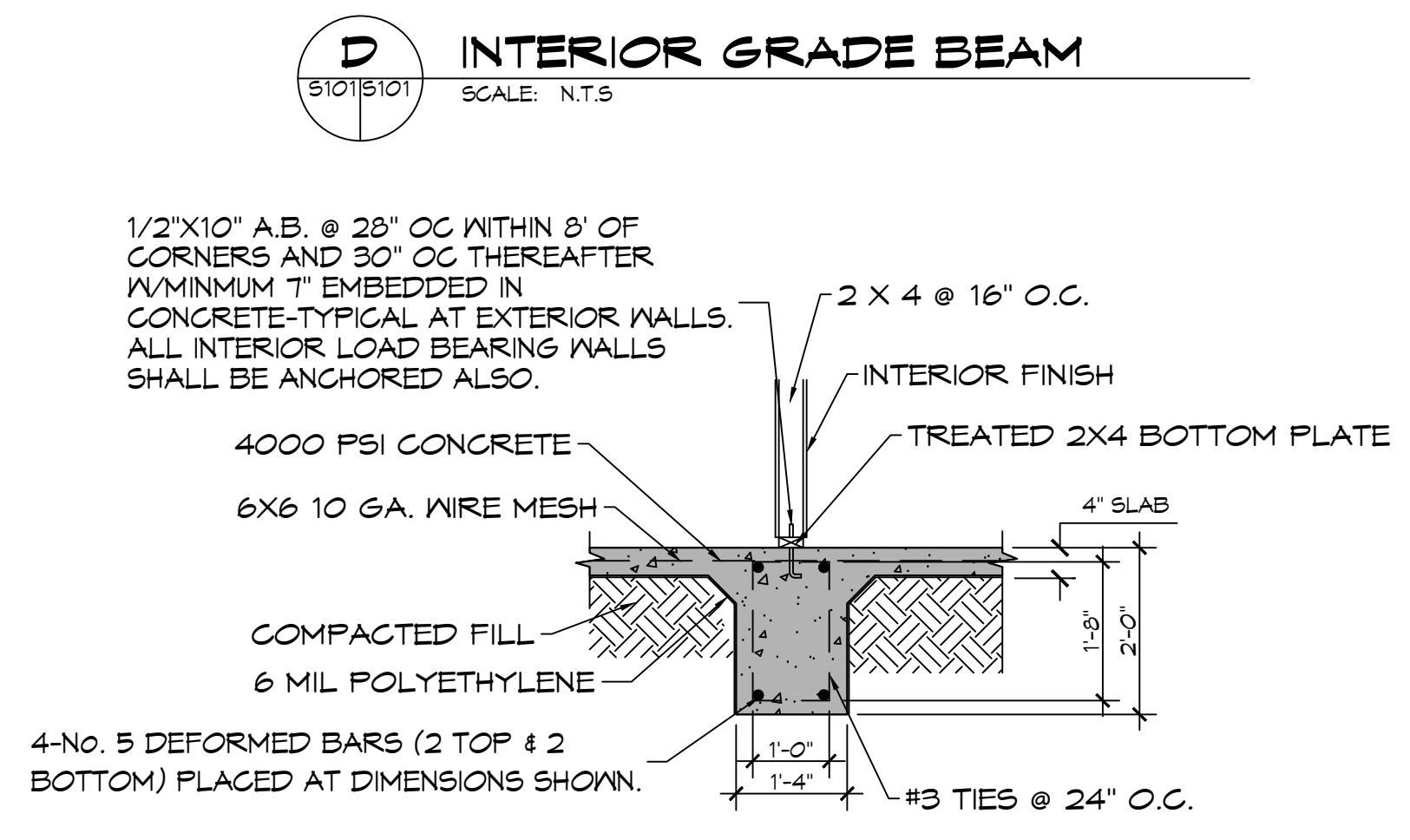
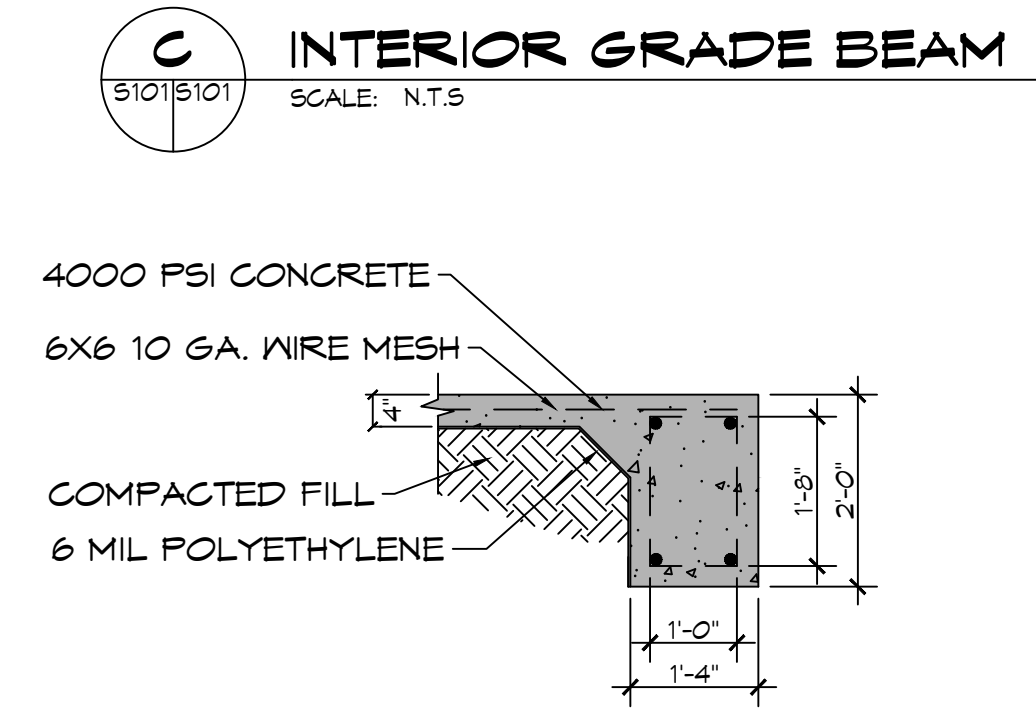
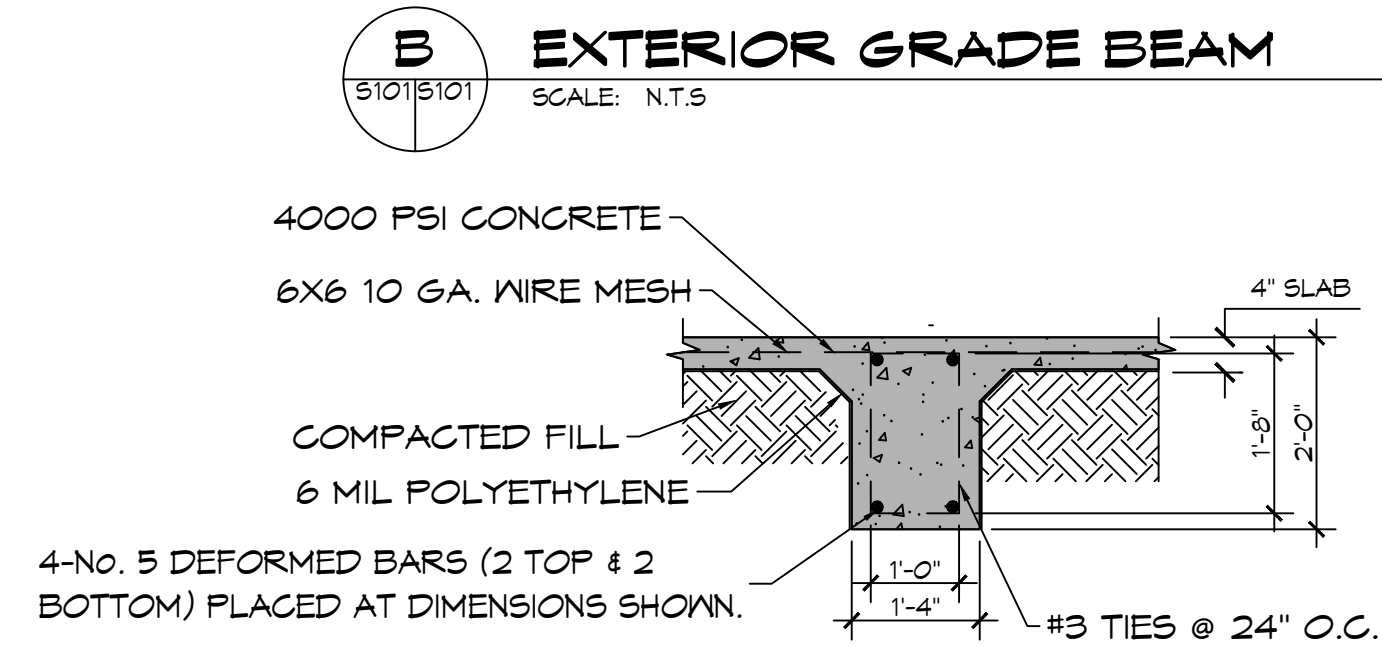
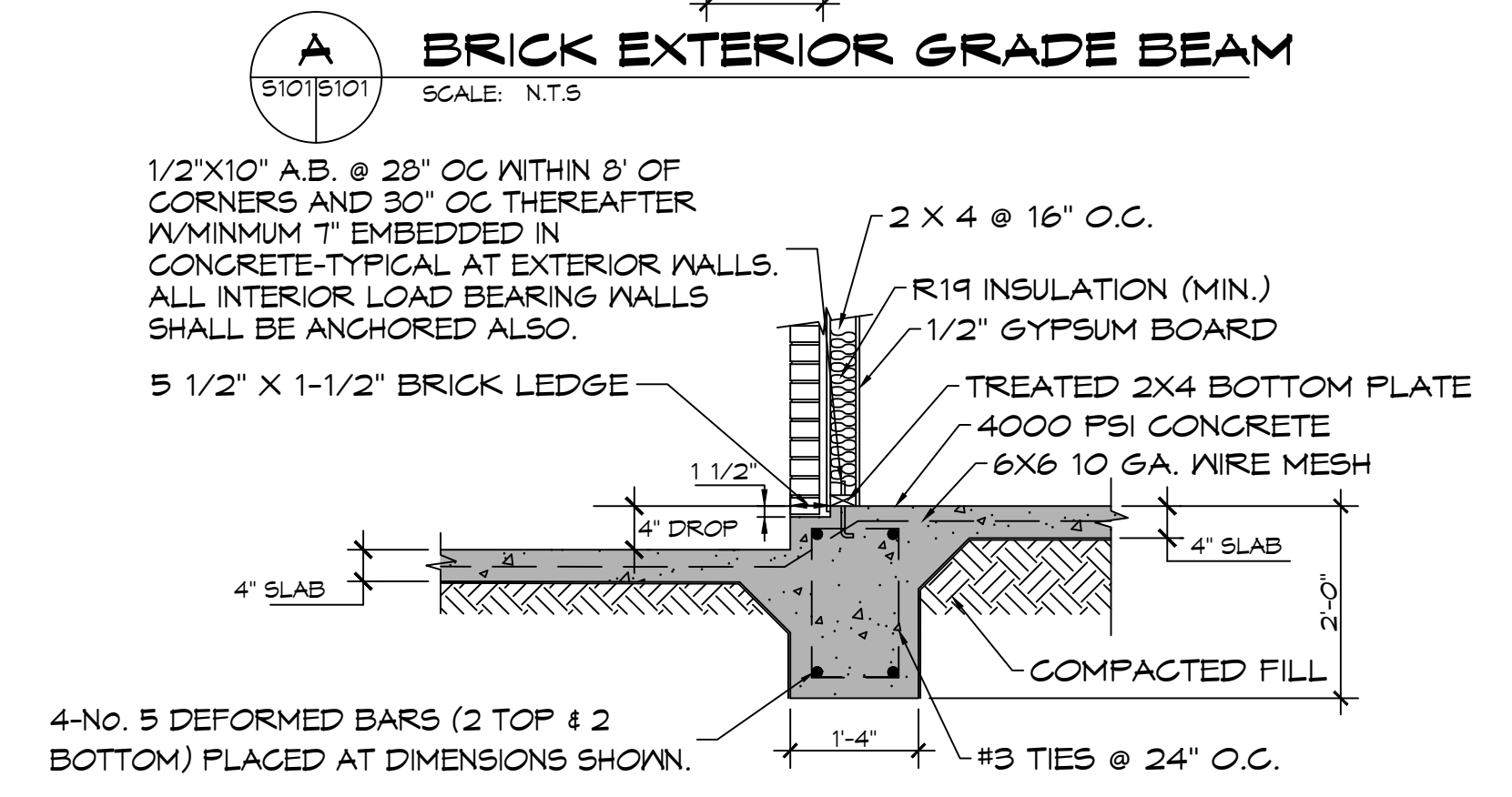
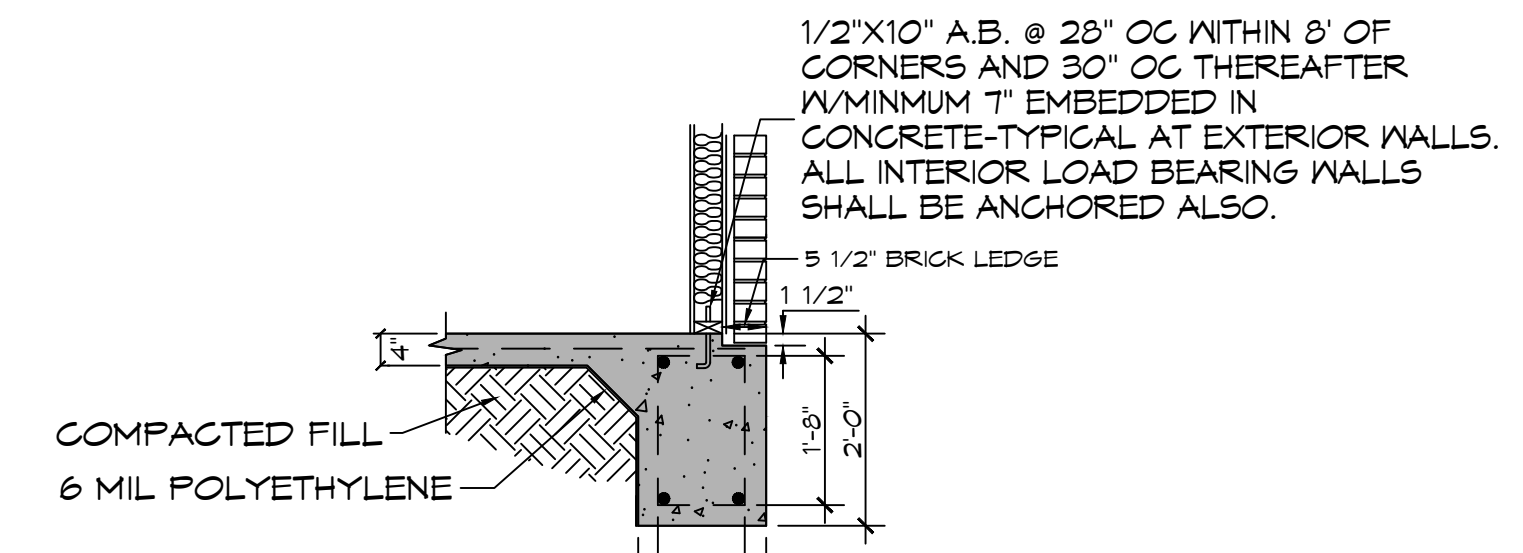
DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
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 554 Old Spanish Trail
 Slidell, LA 70458
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FOUNDATION PLAN
SCALE: 1/2" = 1'-0"



STEEL PIPE DETAIL
SCALE: 3/8" = 1'-0"

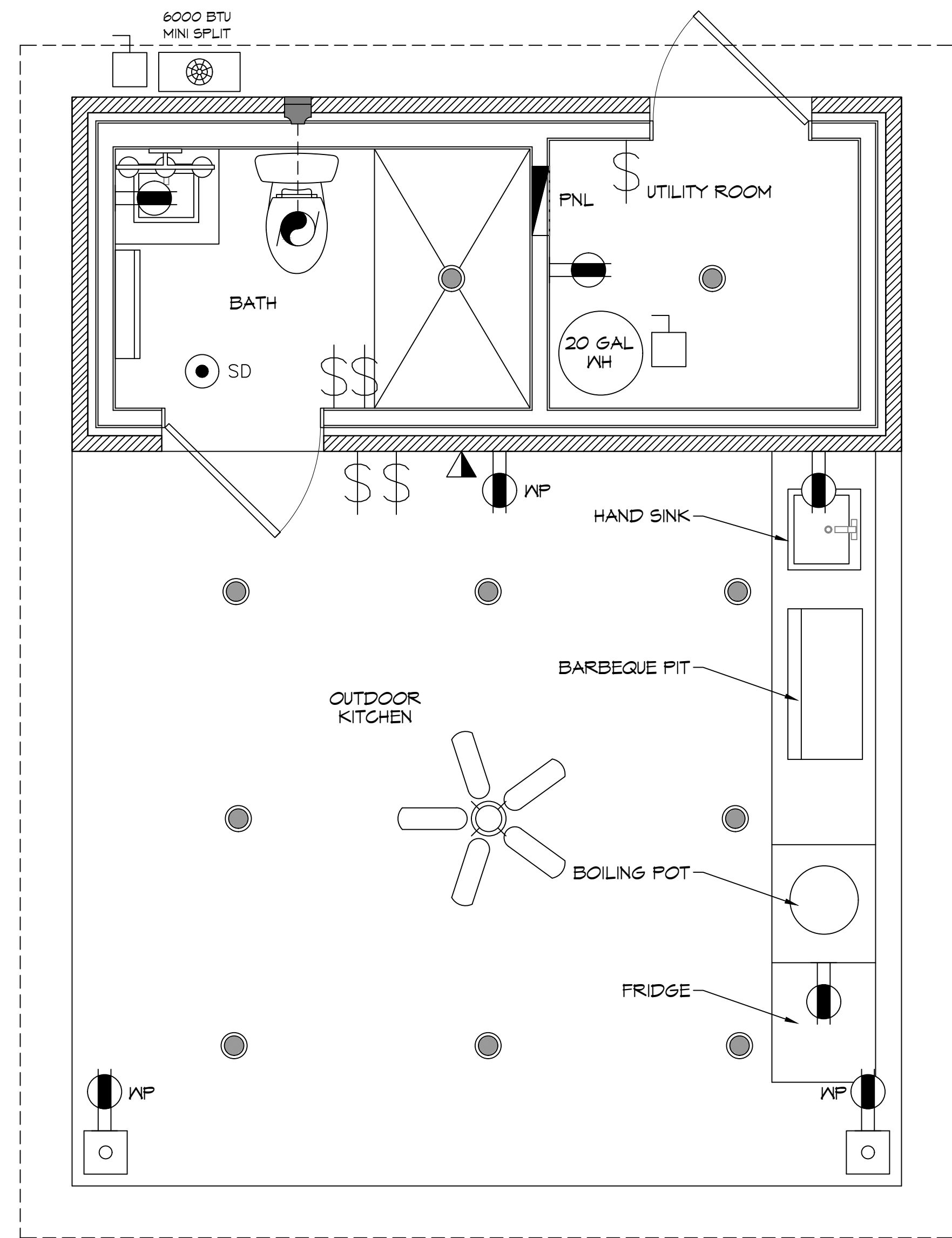


REVISIONS	DATE
# DESCRIPTION	

SEAL:

NEW POOL HOUSE
ELI ST. JULIEN
 5766 NINEGA ROAD
 SULPHEUR, LA 70460
 JOB No.:
 DATE: 03-05-2023
 DRAWN BY: C-KD
 CHECKED BY: BAM
 SHEET TITLE:
 GARAGE FOUNDATION AND
 FILING PLAN AND DETAILS
 DRAWING NUMBER:
S101
 SHEET No: 2 of 3

ALL WORK SHALL BE ACCORDING TO THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).



19 ELECTRICAL PLAN
SCALE: 1/2" = 1'-0"

GENERAL POWER NOTES

1. ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
2. ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPT EQUIPPED AND ON A SEPARATE CIRCUIT.
3. ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
4. HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
5. OUTLETS, INCLUDING PHONE AND CABLE, MAY BE ADDED OR CHANGED UPON OWNERS REQUEST.
6. ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
7. ELECTRICAL SERVICE TO BE A 24 CIRCUIT 125 AMP MAIN LOCATED IN THE STORAGE.
8. ALL KITCHEN OUTLETS ARE TO BE GFI EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.

LIGHTING LEGEND

- RECESSED FIXTURE
- BATHROOM FIXTURE
- EXHAUST FAN
- CEILING FAN w/ LIGHT FIXTURE
- SD SMOKE DETECTOR
- ONE WAY SWITCH

POWER LEGEND

- DUPLEX RECEPTACLE
- GFI DUPLEX RECEPTACLE
- WEATHER-PROOF GFI DUPLEX RECEPTACLE
- DISCONNECT

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#	DESCRIPTION	REVISIONS	DATE

NEW POOL HOUSE
ELI S T JULIEN
 57686 MINEGRA ROAD
 SLIDELL, LA 70460
 JOB No: 09-05-2025
 DATE: 09-05-2025
 DRAWN BY: SCM
 CHECKED BY: CKD

SHEET TITLE:
ELECTRICAL PLAN
 DRAWING NUMBER:
E101
 SHEET No: 5 of 5