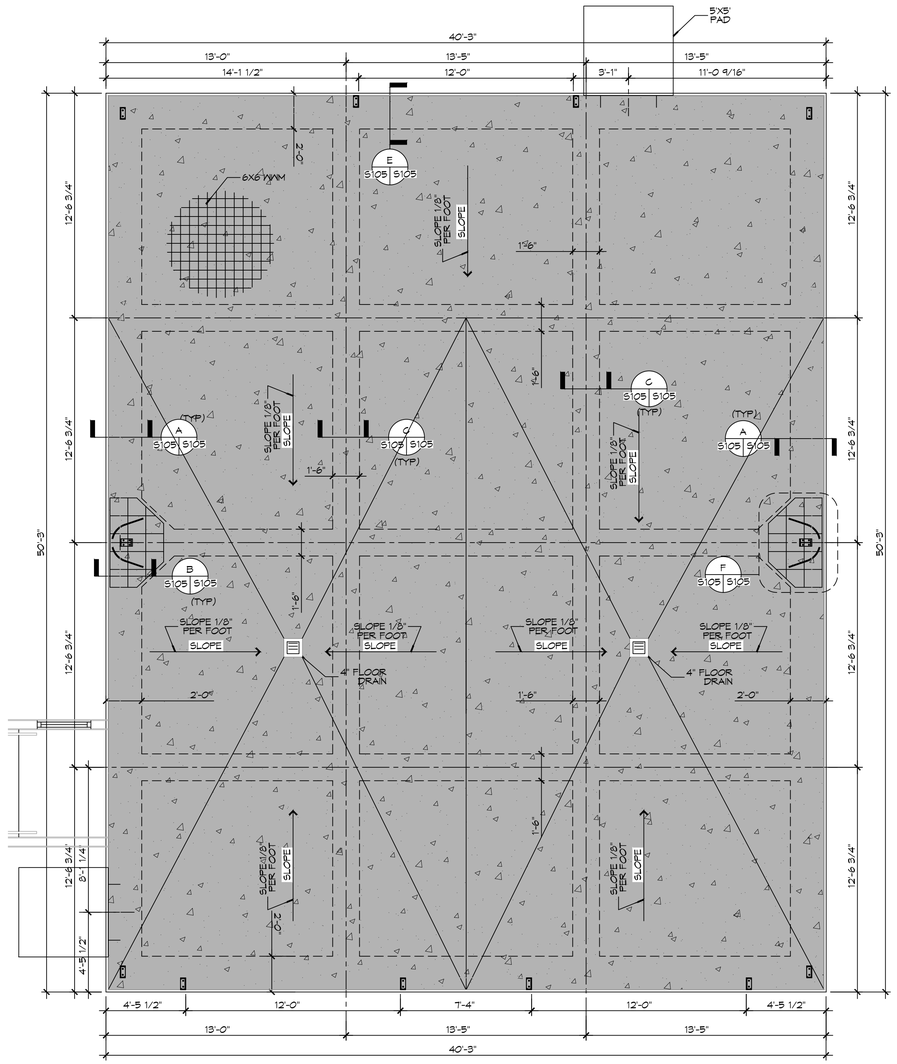
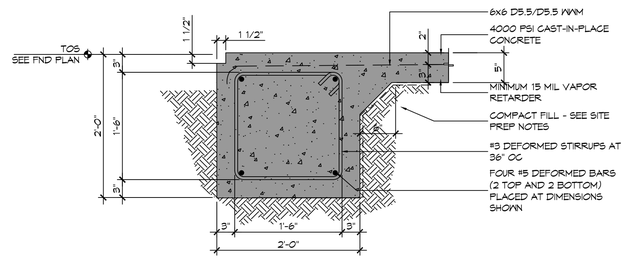


20 ENGINE BAY FOUNDATION PLAN

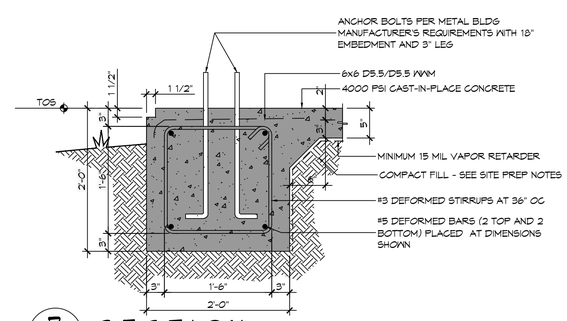
SCALE: 1/4" = 1'-0"

ENGINE BAY



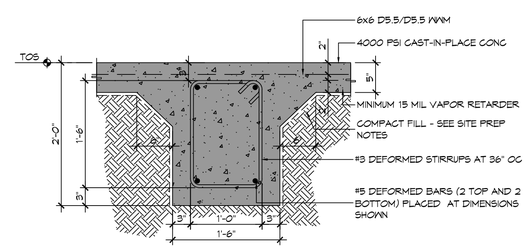
A S105 S105 SECTION

SCALE: 1"= 1'-0"



B S105 S105 SECTION

SCALE: 1"= 1'-0"

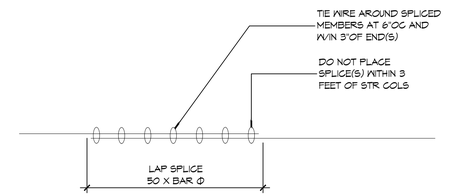


C S105 S105 SECTION

SCALE: 1"= 1'-0"

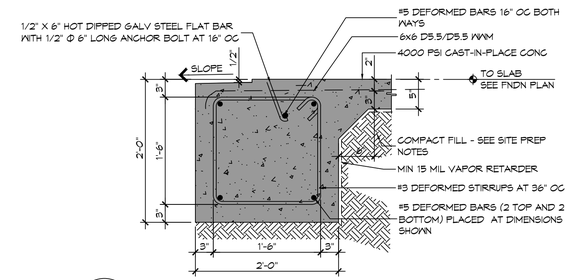
GENERAL FOUNDATION NOTES

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 AND MUCK OUT. SEE THE GEOTECHNICAL ENGINEERING REPORT BY STRATUM ENGINEERING DATED APRIL 29, 2022
10. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.



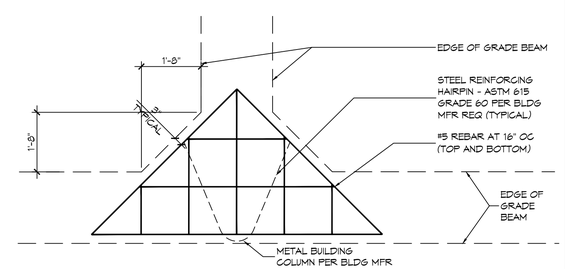
D S105 S105 SECTION

SCALE: 1"= 1'-0"



E S105 S105 SECTION

SCALE: 1"= 1'-0"



F S105 S105 DETAIL

SCALE: 1"= 1'-0"

DAMMON ENGINEERING, INC.
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info@dammonengineering.com
PH: 985-649-5822
Chief Engineer: Brian Mistich, PE
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Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

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

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

FIRE STATION 19

57047 ALLEN ROAD
SLIDELL, LOUISIANA 70461

JOB No:	2456
DATE:	05-12-2022
DRAWN BY:	CSD
CHECKED BY:	BAM

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SHEET TITLE:
ENGINE BAY FOUNDATION PLAN

DRAWING NUMBER:

S105

SHEET No: 10 of 29