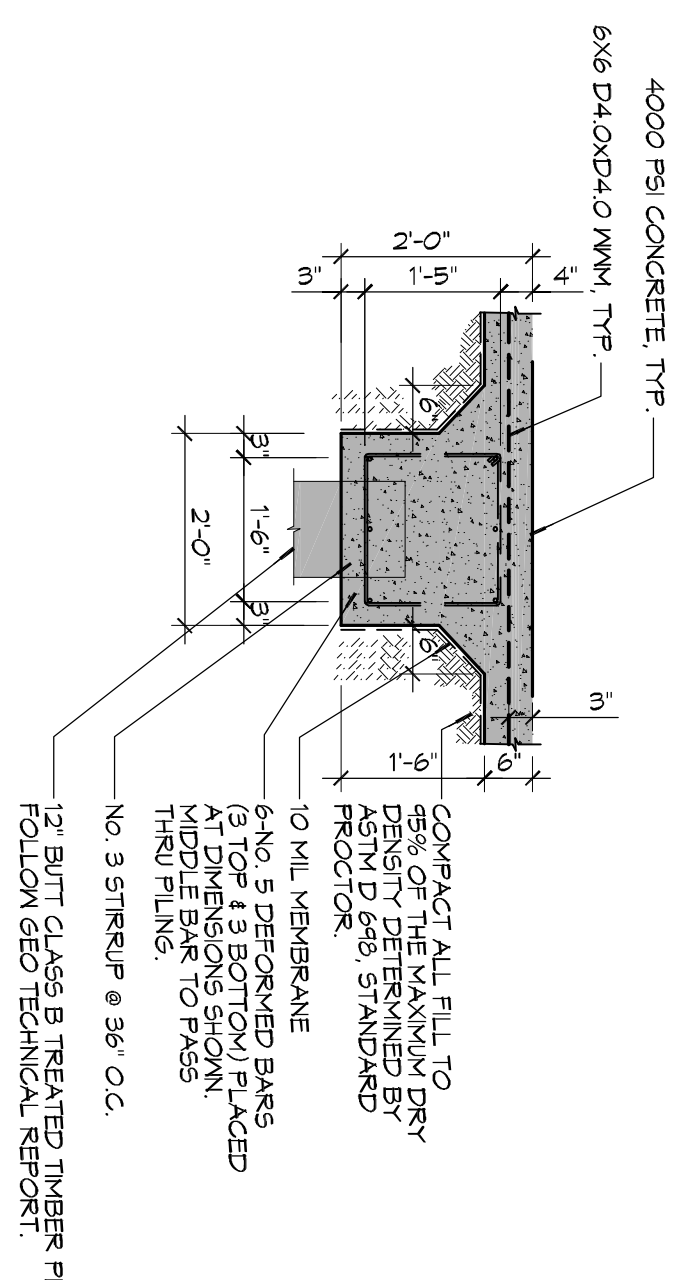
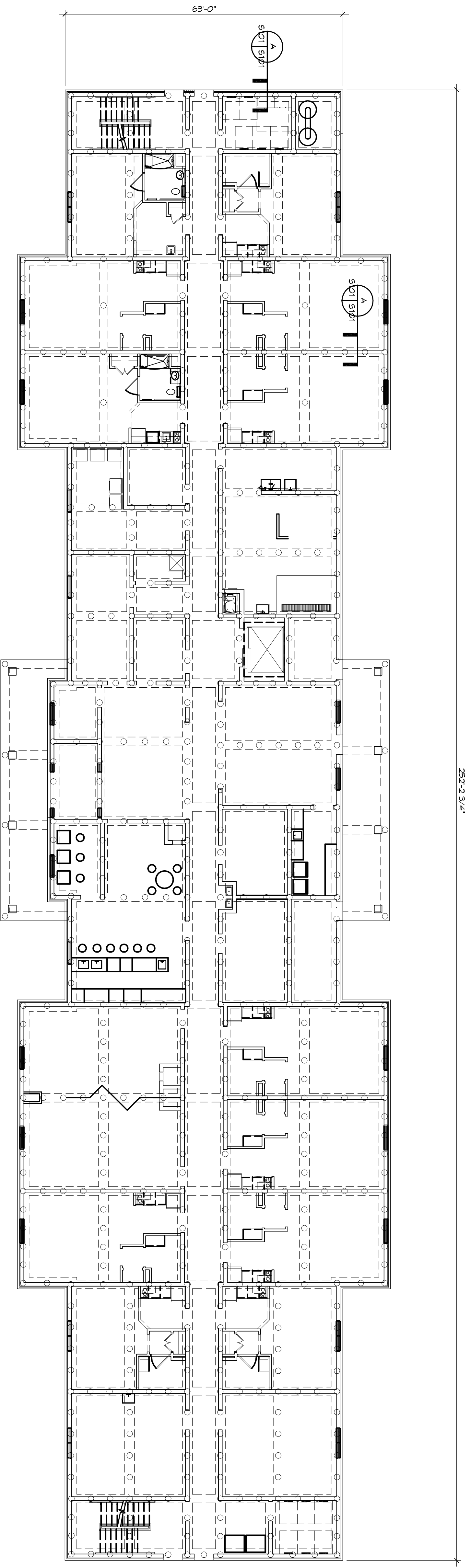


**E FOUNDATION DETAIL**  
SCALE: 1/2" = 1'-0"  
EXTERIOR GRADE BEAM



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



**FOUNDATION PLAN**  
SCALE: 3/32" = 1'-0"

**PILING NOTES**

- FILES ARE TO BE CLASS 5 MODIFIED AND ALL FILES ARE TO BE 40 FT. IN LENGTH WITH A 6 INCH TIP AND 8" BUTT.
- ALL FILES TO BE EMBEDDED 30 FT. MINIMUM INTO SOIL.
- DESIGN LOAD = 6 TONS PER FILE.
- NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
- FILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
- THIS FILE SUPPORTED FOUNDATION IS DESIGNED TO MEET THE GENERAL SOIL CONDITIONS OF THE AREA OF WORK. THE CONTRACTOR OR OWNER IS ADVISED THAT A SOIL ANALYSIS SHOULD BE MADE TO CONFIRM THE DESIGN.
- PILE TOLERANCE COUNT LOGS OF ALL FILES IS TO BE SUBMITTED TO THE ENGINEER FOR REVIEW. FAILURE TO SUBMIT SAID LOGS WILL RELIEVE THE ENGINEER OF ALL RESPONSIBILITY.
- CONTRACTOR IS RESPONSIBLE FOR THE COMPARISON, VERIFICATION, AND RECORDING OF PILE LAYOUT DIMENSIONS WITH MOST RECENT ARCHITECTURAL DRAWINGS. ASSUMING THAT FILES DO NOT FALL WITHIN LIMITS OF THE DESIGN.
- FILL, AS A MINIMUM QUALITY, SHALL BE 40% CLAY AND 60% SANDY SILT. PLACE IN 6" LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. FOOTINGS ARE DESIGNED TO BE 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.

**GENERAL FOUNDATION NOTES**

- ALL DIMENSIONS ARE EDGE OF CONCRETE (EEO) TO EDGE OF CONCRETE (EEO) 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 AC-308.
- ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- ONE LAYER OF POLYETHYLENE VAPOUR BARRIER SHALL BE PLACED UNDER ALL CONCRETE WORK. REINFORCING SHALL BE MINIMUM 0.1% OF THE AREA OF CONCRETE. REINFORCING SHALL BE PLACED IN EQUAL TO STEEL INDUSTRIES STEEL REBAR ECOSHIELD 15 MIL BY ERGO OR ROBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
- ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
- THE CONTRACTOR SHALL VERIFY ALL DRIPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
- GRADE BEAM DIMENSIONS MAY VARY BY +5%, +20%.
- NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE SHOULD BE DESIGNED FOR UNIFORM ALLOWABLE BEARING CAPACITY OF 2000 LBS. PER SQUARE FOOT. DESIGN SHALL BE BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
- ALL SOIL BELOW SLABS SHALL RECEIVE TERMITTE TREATMENT.

NOTE: TOTAL GUESTROOMS = 62  
1ST FLOOR = 12  
2ND FLOOR = 25  
3RD FLOOR = 25

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

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REVISIONS		DATE
#	DESCRIPTION	

**MAINSTAY SUITES**

LOT #1 LA HWY 27  
HACKBERRY, LA 70645  
JOB No: 2265 DATE: JANUARY, 2016  
DRAWN BY: JTL CHECKED BY: CKD

SHEET TITLE:  
FOUNDATION PLAN

DRAWING NUMBER:

**S101**