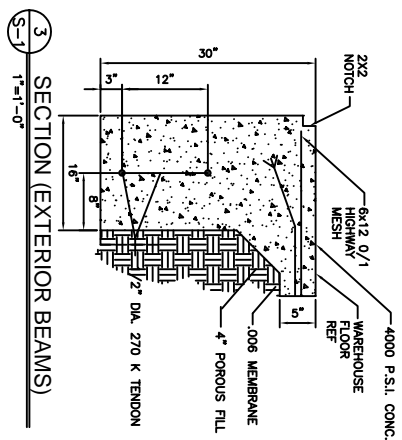
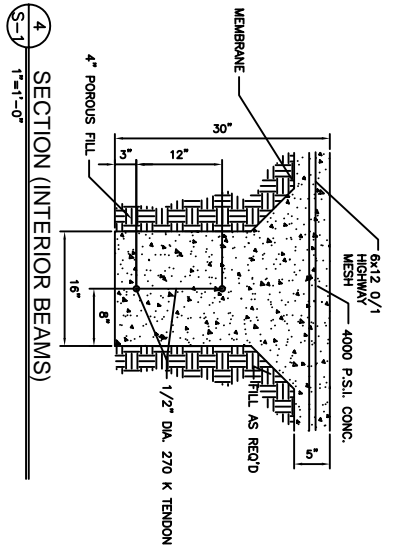


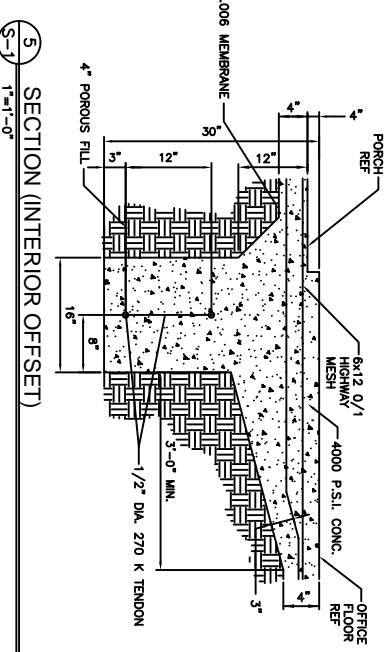
1 FOUNDATION PLAN
1/8"=1'-0"



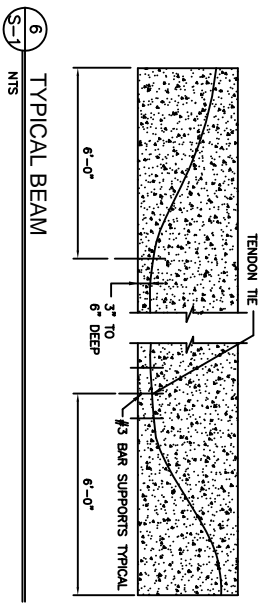
3 SECTION (EXTERIOR BEAMS)
1"=1'-0"



4 SECTION (INTERIOR BEAMS)
1"=1'-0"



5 SECTION (INTERIOR OFFSET)
1"=1'-0"



6 TYPICAL BEAM
1"=1'-0"

FOUNDATION GENERAL NOTES:

1. THE INTENT OF THIS PLAN IS TO PROVIDE INFORMATION FOR PLACEMENT OF POST-TENSION SYSTEM TENDONS AND (IF SHOWN) PIPES. ONLY IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL THESE DIMENSIONS, BRICK LEDGES, BLOCK CUTS, OFFSETS, ETC., SHOWN ON THESE PLANS, TO ASSURE AGREEMENT WITH ARCHITECTURAL PLANS.
2. FILL, AS A MINIMUM QUALITY, SHALL BE 40% CLAY AND 60% SANDY MIXTURE, PLACED IN 6" LIFTS AND COMPACTED TO MINIMUM 95% STANDARD PROCTOR.
3. ALL WATER (RAIN, RISING WATER, ETC.) SHALL BE DIRECTED AWAY FROM THE SLAB DURING PREPARATION, FLAGGING AND CURING OF SLAB. POSITIVE DRAINAGE MUST BE MAINTAINED AT ALL TIMES.
4. BEAM SIZES SHALL NOT BE CHANGED WITHOUT APPROVAL OF THE ENGINEER, EXCEPT THAT BEAM DEPTH MAY BE EXTENDED TO REACH UNDISTURBED SOIL.
5. IT IS REQUIRED THAT A CURING COMPOUND BE USED TO CONTROL SHRINKAGE. CURING COMPOUND SHALL BE APPLIED IMMEDIATELY AFTER FINISHING.
6. AS A MINIMUM, INSTALLATION OF RIGID FLOOR TILES, BRICK, ETC., SHALL BE OVER AN ELASTIC BOND BREAKER. ANY CRACKS IN CONCRETE FLOOR SHALL BE TREATED PRIOR TO INSTALLATION OF TILES. ELASTOMERIC ADHESIVE IS RECOMMENDED FOR CERAMIC FLOOR TILES. WHERE DECORATIVE CONCRETE IS USED, ADDITIONAL REINFORCEMENT WILL BE REQUIRED.
7. WHERE ADDITIONAL REINFORCEMENT WITH REBAR IS USED IN FOOTINGS, IT SHALL CONFORM TO ASTM A615. WOVEN WIRE FABRICS SHALL CONFORM TO ASTM A188.
8. TENDON AND BASE SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACEMENT OF CONCRETE.
9. ALLOW 6" CENTERED CLEARANCE ON TENDON AXIS BY 36" LENGTH FOR STRESSING EQUIPMENT CLEARANCE.
10. CONCRETE SHALL BE WELL CONSOLIDATED USING A CONCRETE VIBRATOR, ESPECIALLY IN THE VICINITY OF TENDON ANCHORAGES.
11. CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM OF 6 SACKS OF CEMENT PER CUBIC YARD AND A MAXIMUM OF 3" SLUMP.
12. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH THE AG BUILDING CODE REQUIREMENTS (ACI 318R-89).
13. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,500 PSI AT THE TIME OF STRESSING, AND WILL BE STRESSED WITHIN SEVEN DAYS.
14. ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAIL AND ACCESSORIES PROVIDED FOR DETAILING REINFORCED CONCRETE STRUCTURES.
15. ALL PRE-STRESSING STEEL SHALL CONSIST OF SEVEN-WIRE STRESS RELIEVED STRAND CONFORMING TO ASTM A-416. MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE 200,000 P.S.I. STRANDS SHALL BE COATED WITH A PERMANENT RUST PREVENTATIVE LUBRICANT AND A FLASHING STRAIN.
16. REINFORCEMENT SHALL HAVE 3" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN BEAM SIDES AND TOPS AND 1 1/2" COVER IN SLAB TOPS AND BOTTOMS UNLESS OTHERWISE SHOWN.
17. COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS, AND ANY OTHER RELATED ITEMS.
18. PLANS FOR PIPES, CONDUIT, THIMBLES, ETC., TO PASS THROUGH CONCRETE SLABS FOR BEAM MUST NOT CONFLICT WITH REINFORCING, WHERE A CONFLICT OCCURS, PIPES, CONDUIT, ETC., ARE TO TAKE PRECEDENCE.
19. PROVIDE A SINGLE LAYER OF 6 MIL. VAPOR BARRIER UNDER CONCRETE SLAB.
20. THE TENDON LOCATION AT THE END OF THE GRADE BEAM IS TO BE (A MINIMUM OF 6") FROM THE TOP OF THE SLAB TO CENTER OF GRAVITY OF TENDONS.
21. TENDONS TO BE STRESSED NO EARLIER THAN WHEN THE CONCRETE REACHES 1,500 P.S.I.
22. FORMS TO BE STRIPPED NO LATER THAN 6 DAYS AFTER PLACEMENT OF CONCRETE.
23. STRESSING:
 1. 1/2" TENDON SHALL BE ANCHORED AT 28.9K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 33.0K PER STRAND.
 2. 3/8" TENDON SHALL BE ANCHORED AT 16.1K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 18.4K PER STRAND.
24. LOADING OF SLAB PRIOR TO STRESSING SHALL NOT BE DONE WITHOUT THE APPROVAL AND DIRECTION OF THE ENGINEER.

FOUNDATION PLAN
PYTHON CONSTRUCTION
TRACT 361 OF N. OAKLAWN
ST. TAMMANY PARISH, LA

OFFICE/WAREHOUSE
DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1595
DATE:03-08-05
SHEET 4
S-1
OF 21