

NOTE:
PIUNGS SHALL BE INSTALLED IF REQUIRED BY SOIL ANALYSIS, PROVIDED BY OWNER.
MUCK OUT 24" DEEP MINIMUM FOR FOUNDATION PAD, UNDISTURBED SOIL CAPABLE OF 1500 PSF BEARING.

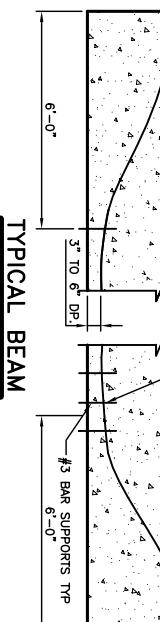
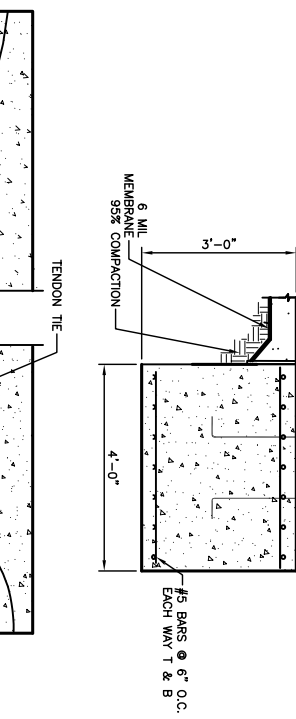
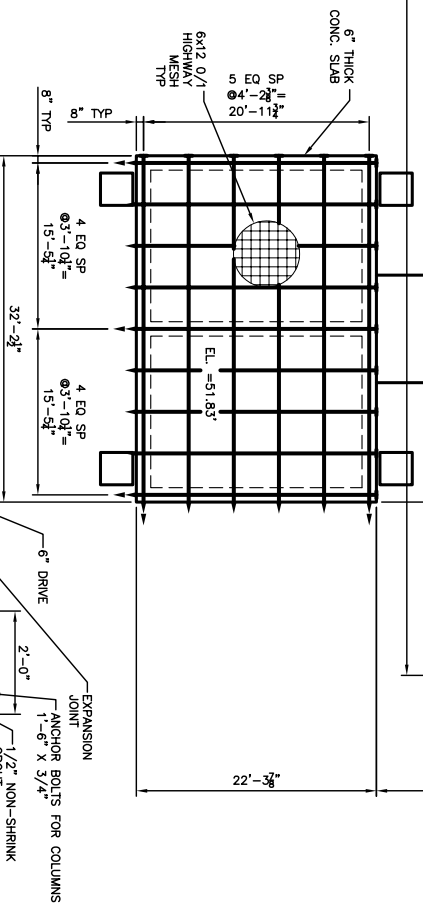
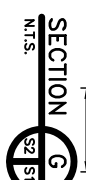
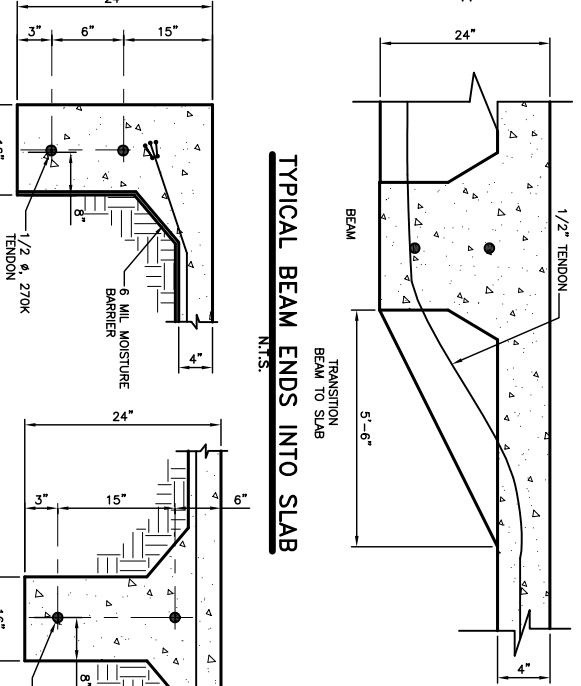
NOTE:
1. SEAT ALL FOOTINGS IN UNDISTURBED SOIL.
2. INSTALL EXPANSION JOINTS EACH 10' IN PORCH.
3. DRIVING SURFACE IN PORCH SHALL BE 6" THICK CONCRETE, WITH 6x12 O/1 REINFORCING.

FOUNDATION GENERAL NOTES:

1. THE INTENT OF THIS PLAN IS TO PROVIDE INFORMATION FOR PLACEMENT OF POST TENSION SYSTEM TENDONS AND (WHERE SHOWN) PIUNGS, ONLY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, BRICK LEOBES, BLOCK OUBS, OFFSETS, ETC., SHOWN ON THESE PLANS, TO ASSURE PROPER TENDON PLACEMENT.
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. PRIOR TO PILE DRIVING (WHERE PILES ARE REQUIRED), VERIFY PILE CAPACITY WITH A PILE LOAD TEST. IF NO SOIL ANALYSIS FOR THE PROPERTY HAS BEEN PROVIDED TO ENGINEER, CONTRACTOR MUST PROVIDE PROPER TEST LOAD AND TEST RESULTS TO THE ENGINEER. CONTRACTOR SHALL VERIFY THAT THE TEST AREA IS NOT BEING COMPROMISED BY THE SOIL COUNT FOR DRIVING EACH PILE.
3. ALL WATER (RAIN, RISING WATER, ETC.) SHALL BE DIRECTED AWAY FROM THE SLAB DURING PREPARATION, PLACING AND CURING OF SAME. POSITIVE DRAINAGE MUST BE MAINTAINED AT ALL TIMES AND NUMBER OF PILES SHALL NOT BE CHANGED WITHOUT APPROVAL OF THE ENGINEER, EXCEPT THAT BEAM DEPTH MAY BE EXTENDED TO REACH UNDISTURBED SOIL. SPECIAL LOADS NOT INDICATED ON DRAWING, LE. BRICK FIREPLACES, AND/OR CHIMNEYS/HOT TUBS ETC., REQUIRE ADDITIONAL REINFORCEMENT.
4. AS A MINIMUM, INSTALLATION OF ROAD FLOOR TILES, BRICK, ETC., SHALL BE OVER ANY ELASTIC BOND BREAKER ANY CRACKS IN CONCRETE FLOOR SHALL BE TREATED WITH REINFORCEMENT WILL BE REQUIRED.
5. WHERE ADDITIONAL REINFORCEMENT WITH REBAR IS USED IN FOOTINGS, IT SHALL CONFORM TO ASTM A615, WOVEN WIRE FABRICS SHALL CONFORM TO ASTM A185.
6. TENDON AND BARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT CLEARANCE.
7. COLOR BE SETTING WELDED WIRE FABRICS BY THE LEVON FOR STRESSING REQUIREMENTS.
8. CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD AND 1 1/2" COVER IN SLAB TOPS AND BOTTOMS UNLESS OTHERWISE SHOWN.
9. ADD WATER PER CUBIC YARD, SUCH A MIX SHOULD GIVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSF AT 28 DAYS. CONCRETE DESIGN MIX SHALL BE IN ACCORDANCE WITH THE ACI BUILDING CODE REQUIREMENTS (ACI 308R-89) AT THE TIME OF STRESSING.
10. ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM A615, MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
11. ALL PRE-STRESSING STEEL SHALL CONSIST OF SEVEN-WIRE STRESS RELIEVED STRAND CONFORMING TO ASTM A-416. MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
12. 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.
13. CORONAUTE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS, AND ANY OTHER RELATED ITEMS.
14. PROVIDE A SINGLE LAYER OF VAPOR BARRIER UNDER CONCRETE SLAB OR BEAM MUST NOT CONFLICT WITH REINFORCEMENT, WHERE A CONFLICT OCCURS, OTHERWISE SHOWN.
15. TENDONS TO BE STRESSED NO EARLIER THAN 7 DAYS AND NO LATER THAN 14 DAYS AFTER PLACEMENT OF CONC.
16. TENDONS TO BE STRESSED NO LATER THAN 9 DAYS AFTER PLACEMENT OF CONC.
17. INITIALY STRESSED TO 330K PER STRAND, BUT SHALL BE
18. 3/4" IN TENSILE STRESS TO 100K PER STRAND, PER STRAND, BUT SHALL BE
19. 1/2" IN TENSILE STRESS TO 100K PER STRAND, BUT SHALL BE
20. THIS DESIGN AND PLAN IS FOR THE EXCLUSIVE USE OF FUTURE DEVELOPMENT CONSTRUCTION, LLC AND IS TO BE USED FOR THE SPECIFIC LOCATION INDICATED ON SHEET 1 OF 2.

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

TYPICAL BEAM ENDS INTO SLAB



FOUNDATION PLAN
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SCALE: AS NOTED
FILE:
JOB NO. 1694
DATE: 06-21-05
SHEET S-1
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