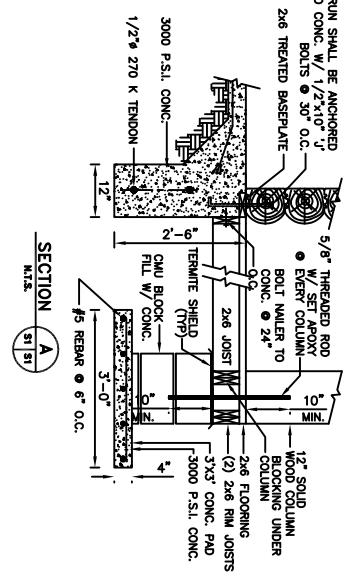
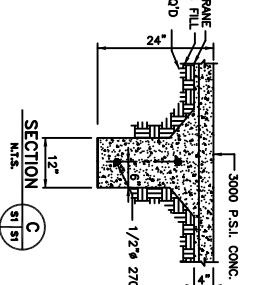
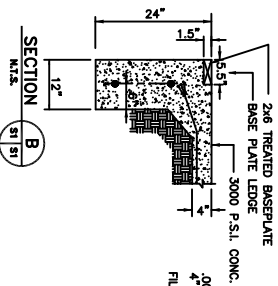


FOUNDATION PLAN
SCALE: 3/8"=1'-0"

FOUNDATION GENERAL NOTES:

1. FILL UNDER SLAB SHALL CONSIST OF 40% AND 60% SANDY MIXTURE AFTER SLAB AREA HAS BEEN EXCAVATED TO REMOVE ALL DEBRIS.
2. BEAM DIMENSIONS SHOWN ARE MINIMUM REQUIRED AND MAY NOT BE REDUCED, BUT DEPTH MAY BE REQUIRED TO SEAT BOTTOM TENDONS AND REBARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACEMENT.
3. ALLOW 9" CLEARANCE ON TENDON AXIS BY 36" LENGTH FOR STRESSING EQUIPMENT CLEARANCE. SHALL CONSOLIDATE ESPECIALLY IN THE VICINITY OF TENDON ANCHORAGE.
4. CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM OF FINE AND ADDED WATER PER CUBIC YARD. SUCH A MIX SHOULD GIVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS CONCRETE REQUIREMENTS (A.C.I. 318R-89) WITH THE A.C.I. BUILDING CODE REQUIREMENTS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,500 P.S.I.
5. ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAIL AND MINIMUM ALL PRE STRESSING STEEL SHALL CONSIST OF SEVEN WIRE STRESS ALL PRE STRESSING STEEL SHALL CONSIST OF SEVEN WIRE STRESS TENSILE STRENGTH SHOULD BE 270,000 P.S.I. STRANDS SHALL BE COATED WITH A PERMANENT RUST PREVENTATIVE LUBRICANT AND A PLASTIC SHEATH, COVER IN BEAM SIDES AND TOPS. 1 1/2" COVER IN SLAB TOPS AND BOTTOMS, UNLESS OTHERWISE SHOWN, SLOPES, RECESSES.
6. THE ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST, AND OTHER MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS, AND ANY OTHER RELATED ITEMS, PIPES, CONDUITS, THIMBLES, ETC. TO PASS THROUGH CONCRETE SLAB OR BEAM, MUST NOT CONFLICT WITH REINFORCING WHERE A CONFLICT OCCURS. FIRST, CONDUITS, ETC. LOCATION IS TO TAKE PRECEDENCE.
7. THE TENDON LOCATION AT THE END OF THE GRADE BEAM TO BE A MINIMUM OF 6" FROM THE TOP OF CONCRETE.
8. FORMS TO BE PLACED ON CONCRETE WITHIN 7 DAYS AND NO LATER THAN 14 DAYS AFTER PLACEMENT OF CONCRETE.
9. STRESSING SHALL BE ANCHORED AT 28K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 18.4K PER STRAND, PER STRAND, BUT SHALL BE ANCHORED AT 16.1K PER STRAND.
10. THE APPROVAL AND DIRECTION OF THE STRESSING ENGINEER.
11. A FLEXIBLE TYPE OF ADHESIVE MUST BE USED FOR INSTALLATION OF CERAMIC OR OTHER TYPES OF RIGID FLOOR TILES DUE TO POSSIBLE FLEXURE OF SLAB.



SCALE(S) NOTED
FILE:
JOB NO. 1765
DATE: 04-05-06
SHEET 2
S-1
OF 3

BOVIA RESIDENCE

DAMMON ENGINEERING, INC.

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FOUNDATION PLAN

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