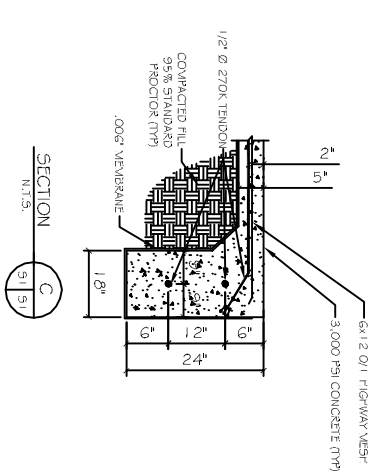
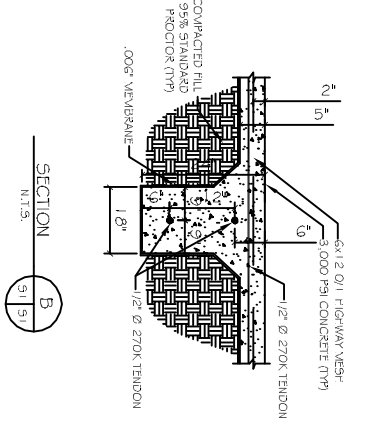
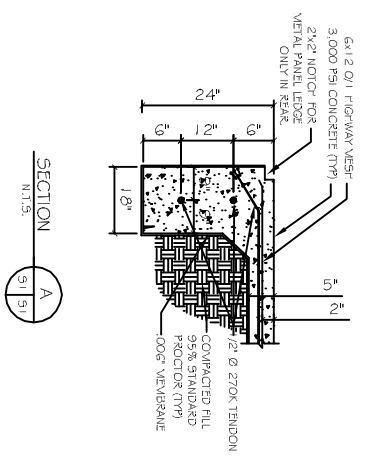


FOUNDATION PLAN
SCALE: 3/16"=1'

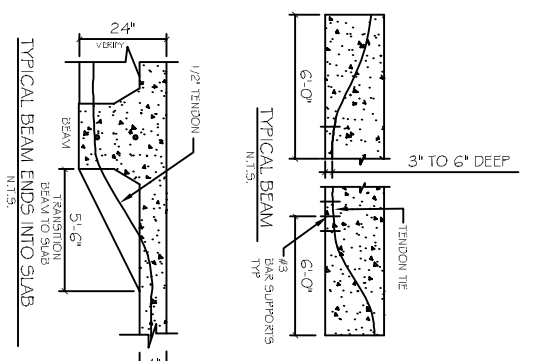


SECTION A
N.T.S.

SECTION B
N.T.S.

SECTION C
N.T.S.

- SITE PREP NOTES:**
1. REMOVE EXISTING NEAR SURFACE LOOSE TAN SAND AND VESUVIUM SHIP SHED CLAYS THAT EXTEND TO A DEPTH OF 1 TO 1 1/2 FT. TO CONSISTENT EXPOSURE AND PAINTED FLOOR FLOOR AND REMOVE ALL WEEDS, YIELDING OR PLANTING SPOTS.
 2. NEW CONCRETE FOOTINGS ARE TO BE SEATED IN THE REAR NATURALLY OCCURRING STIFF TO VERY STIFF CLAY OR SILTY CLAYS TO PROVIDE AN ALLOWABLE SOIL BEARING VALUE OF 1,500 LBS./SQ. FT.
 3. PROVIDE 1" AND MAINTAIN MINIMUM SITE DRAINAGE BEFORE DRAINING PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAIN WATER FROM THE CONSTRUCTION AREA.
 4. ALL EXCAVATED MATERIAL SHOULD BE REPLACED WITH THIS STRUC. S&M FILL WHICH COULD ALSO BE USED TO RAISE THE FINISH GRADE. COULD CONSIST OF RED CLAY SAND TYPE MATERIAL FILLING LESS THAN 50 PERCENT FILLS PASSING THE NO. 200 SIEVE. IT SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 1557.
 5. ISOLATED SETTLEMENTS OF UP TO ONE INCH ARE POSSIBLE WITH A MODERATE SUSCEPTIBILITY TO VOLUNTARIC CHANGE RESULTING FROM PRECIPITATION AND PROLONGED DRY ROOF AND SURFACE DRAINAGE WITH POSITIVE COLLECTION AND RUNOFF AND SLOPES AWAY FROM FOUNDATION. BE SURE TO PROVIDE PROPER DRAINAGE AND PROTECTIVE COMPACTED OF FILL BY A SOILS ENGINEER, IS RECOMMENDED.



- FOUNDATION GENERAL NOTES:**
1. THE INTENT OF THIS PLAN IS TO PROVIDE INFORMATION FOR PLACEMENT OF FOOT TENDON SYSTEM TENDONS AND WHERE SHOWN DIMENSIONS ONLY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, BRICK Ledges, BLOCK OUTS, OPENINGS, ETC., SHOW ON THESE PLANS, TO ASSURE AGREEMENT WITH ARCHITECTURAL PLANS.
 2. BEAM SIZES AND LOCATION AND NUMBER OF REBAR SHALL NOT BE CHANGED WITHOUT THE APPROVAL OF THE ENGINEER. EACH FOOT TENDON SHALL BE ON DRAWING. I.E. BRICK RISERS, AND OR CRACKING, HOT TUBS ETC., REQUIRE ADDITIONAL REINFORCEMENT.
 3. IT IS RECOMMENDED THAT A CURING COMPOUND BE USED TO CONTROL SHRINKAGE.
 4. AS A MINIMUM, INSTALLATION OF REBAR FLOOR TIES, BRICK, ETC. SHALL BE DONE PRIOR TO INSTALLATION OF TENDONS. CONCRETE SHALL BE PLACED AND CURED PRIOR TO INSTALLATION OF TIES. ELASTOMERIC ADHESIVE IS RECOMMENDED FOR CEILING FLOOR TIES, WHERE DECORATIVE CONCRETE IS USED. ADDITIONAL REINFORCEMENT WILL BE REQUIRED.
 5. WHERE ADDITIONAL REINFORCEMENT WITH REBAR IS USED IN FOOTINGS, IT SHALL BE AS SHOWN ON DRAWING.
 6. TENDONS AND BARS SHALL BE SECURELY SUPPORTED TO BE PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACING OF CONCRETE.
 7. ALLOW 3" CENTER TO CENTER CLEARANCE ON TENDON AND BY 3/8" LENGTH FOR STRESSING EQUIPMENT CLEARANCE.
 8. ADDITIONAL REINFORCEMENT SHALL BE WELL CONSOLIDATED ESPECIALLY IN THE VICINITY OF TENDON.
 9. CONCRETE DESIGN IS BASED UPON A CONCRETE MIX FACING A MINIMUM OF 5.3 SACS OF CEMENT PER CUBIC YARD AND A MAXIMUM OF 30 GALLONS OF FREE AND ADDED WATER PER CUBIC YARD. SUCH A MIX SHOULD GIVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS. CONCRETE DESIGN MIX SHOULD BE TO CONFORMANCE WITH THE A.C.I. BUILDING CODE REQUIREMENTS.
 10. CONCRETE SHALL BE PLACED IN A MINIMUM OF 15" TO 18" AT THE TIME OF STRESSING.
 11. ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAIL AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST A.C.I. MANUAL OF STANDARD PRACTICE FOR CONCRETE REINFORCING.
 12. ALL REBAR SHALL BE WELDED TO THE TENDON SYSTEM.
 13. REINFORCEMENT SHALL HAVE 3" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN GRADE BEAM TOPS, 1" COVER IN SLAB TOPS AND BOTTOMS, UNLESS OTHERWISE SHOWN.
 14. COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS AND ANY OTHER RELATED ITEMS.
 15. PLANS FOR PIPES, CONDUITS, TRIMBLETS, ETC. TO PASS THROUGH CONCRETE SLAB OR BEAM, MUST NOT CONFLICT WITH REINFORCING, WHERE A CONFLICT EXISTS, A SINGLE NUMBER OF REBAR SHALL BE SHOWN UNDER CONCRETE.
 16. PROVIDE A SINGLE NUMBER OF REBAR THROUGH EACH BEAM UNDER CONCRETE.
 17. THE TENDON LOCATION AT THE END OF GRADE BEAM IS TO BE A MINIMUM OF 6" FROM THE TOP OF SLAB TO CENTER OF GRAVITY OF TENDONS.
 18. TENDONS TO BE STRESSED NO EARLIER THAN 7 DAYS AND NOT LATER THAN 14 DAYS AFTER PLACEMENT OF CONCRETE.
 19. TENDONS TO BE STRESSED NO LATER THAN 6 DAYS AFTER PLACEMENT OF CONCRETE.
 20. STRESSING:
 1. TENDONS SHALL BE ANCHORED AT 28.9K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 10.4K PER STRAND.
 2. TENDON SHALL BE ANCHORED AT 16.1K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 33.0K PER STRAND.
 3. TENDONS SHALL NOT BE LOOSE WITHOUT THE APPROVAL AND DIRECTION OF THE SUPERVISING ENGINEER.

FOUNDATION PLAN

S-1

LANDIS TRANSPORT LLC
OFFICE/WAREHOUSE BUILDING
LOT 2.1 #400 LEEWARD LOOP
ST. TAMMANY PARISH, COVINGTON LOUISIANA
ADDRESS LINE 3

JOB No:	2164	01-01-2012
	JCT	CD



CHIEF ENGINEER: EMMETT DAMMON, P.E.
CHIEF ARCHITECT: KEVIN KNICHEN
554 OLD SPANISH TRAIL
SUITE 104, LA 70450

REVISIONS		
#	DESCRIPTION	DATE

SHEET No: 00 OF 00