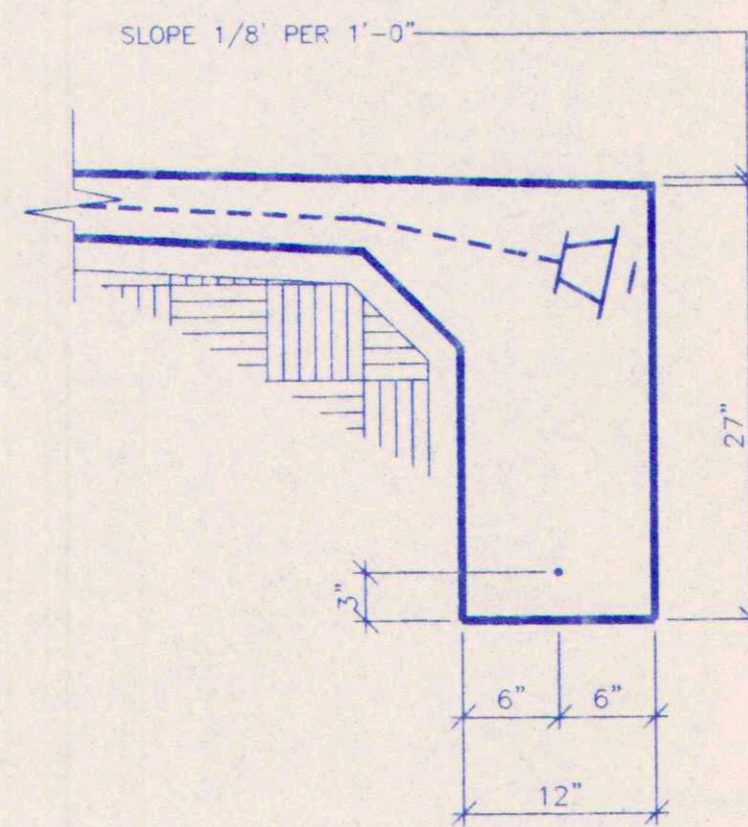


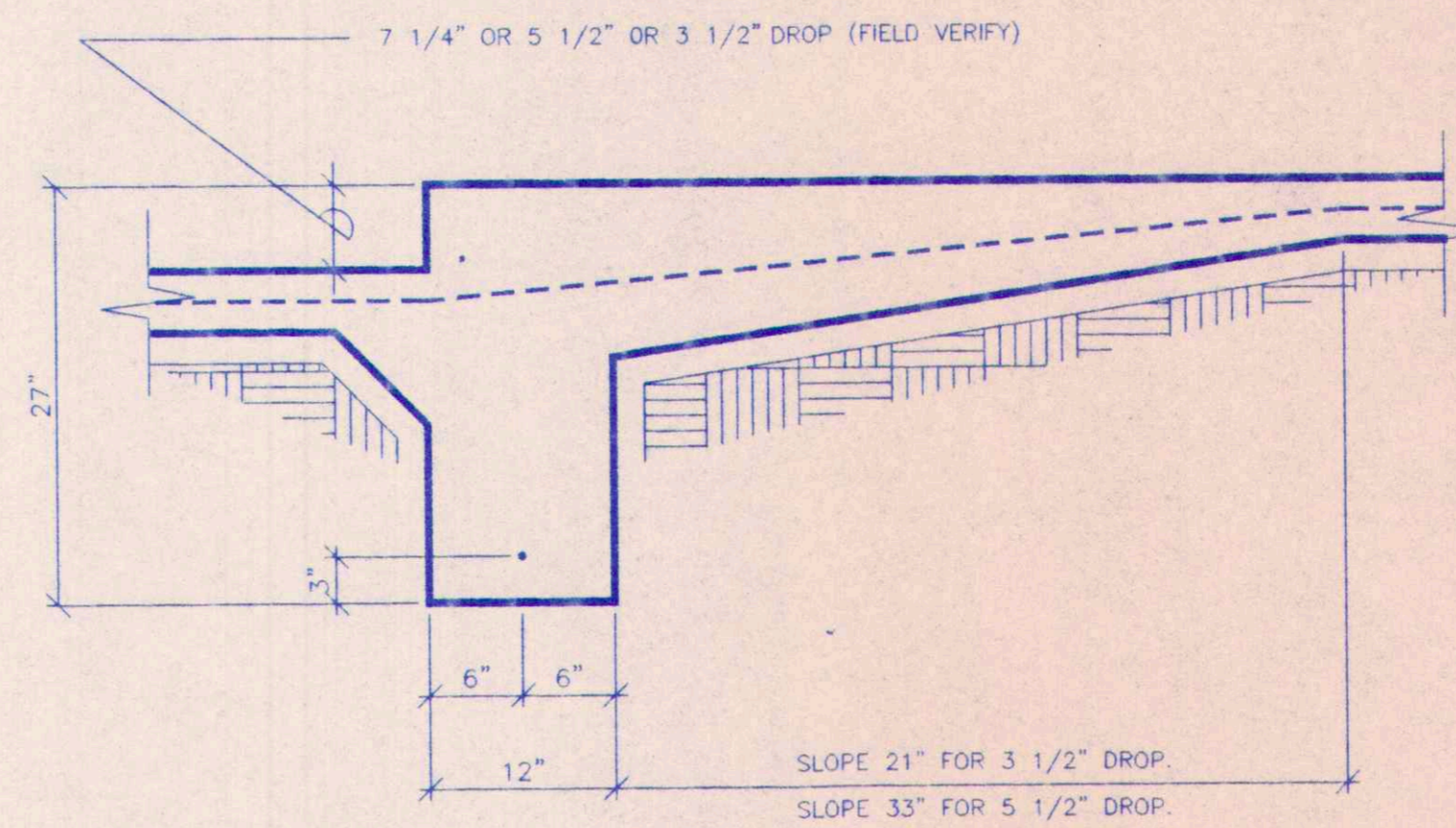
**SECTION A**

SCALE : 1" = 1'-0"



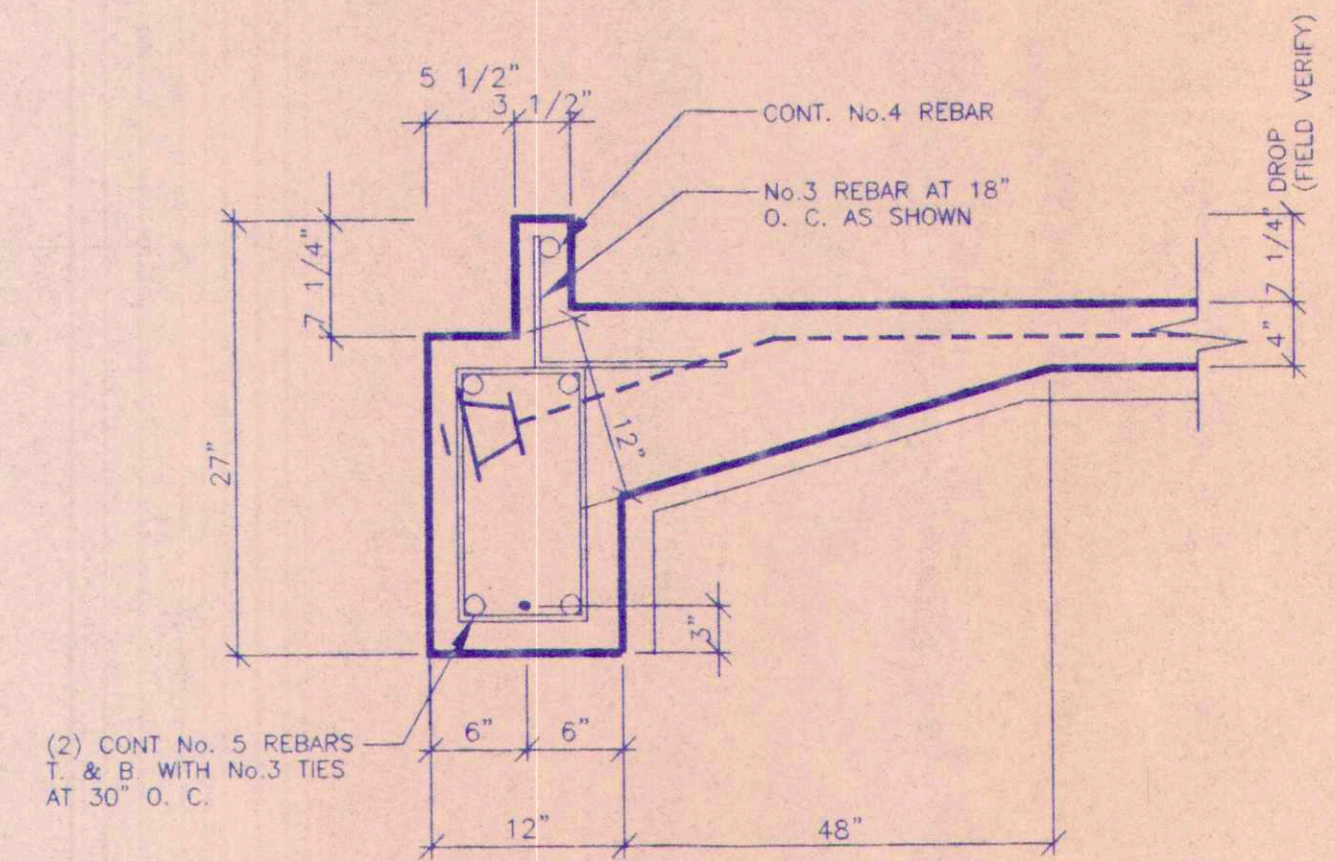
**SECTION B**

SCALE : 1" = 1'-0"



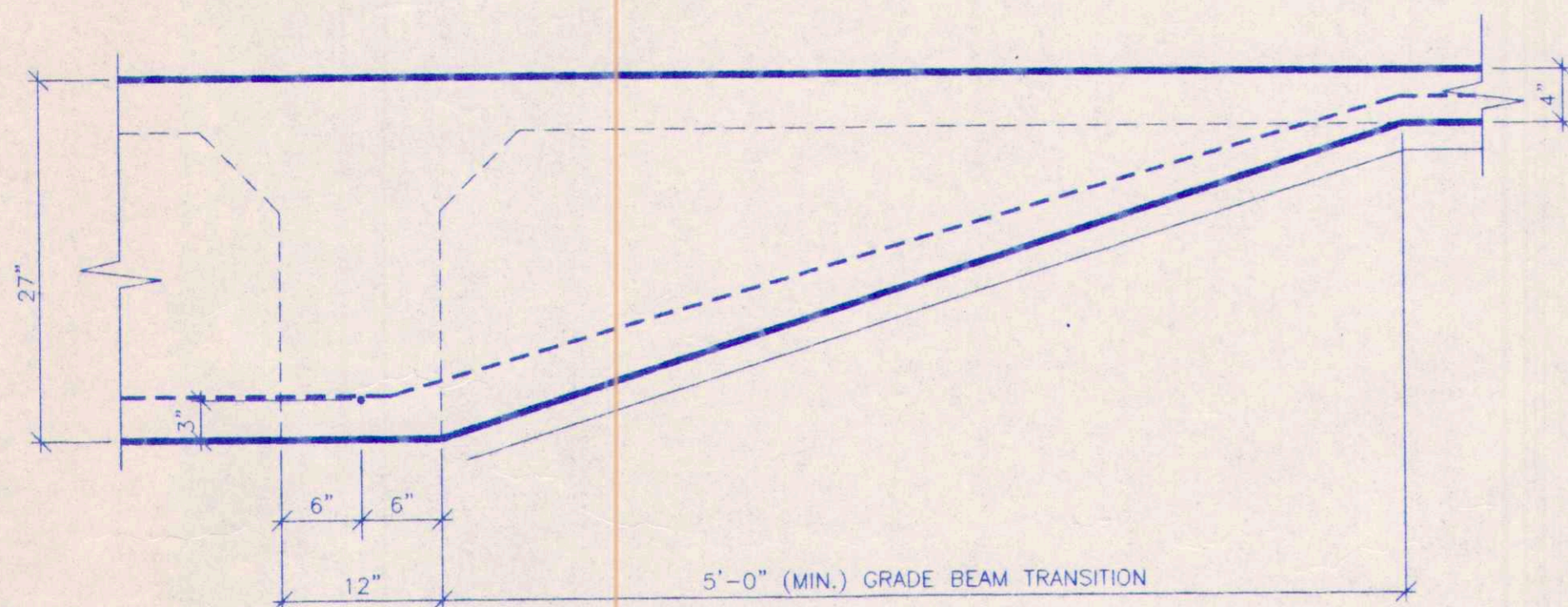
**SECTION D**

SCALE : 1" = 1'-0"



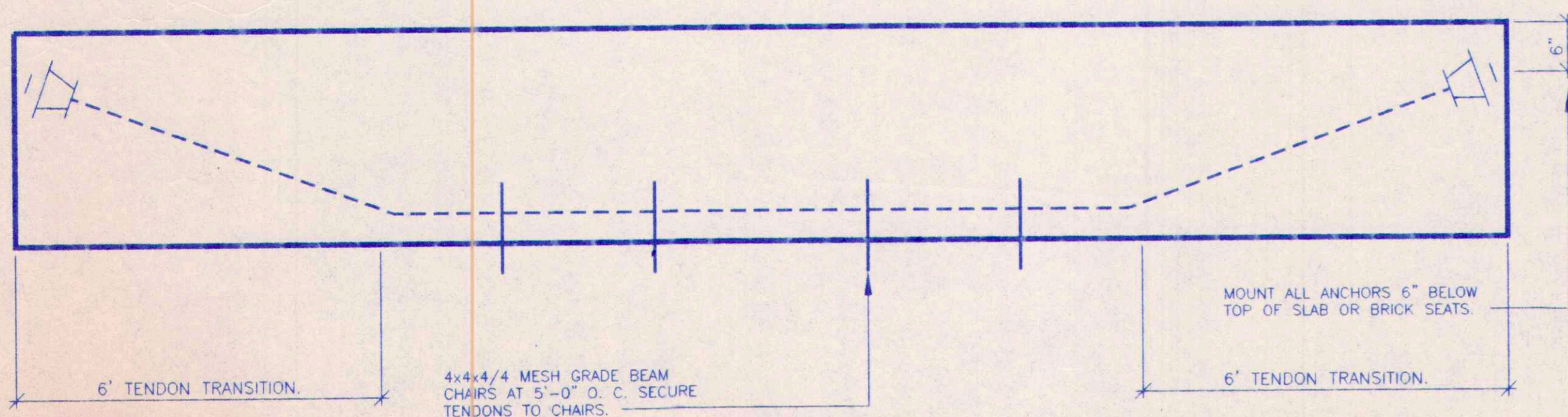
**SECTION E**

SCALE : 1" = 1'-0"



**SECTION F**

SCALE : 1" = 1'-0"



**TYPICAL GRADE BEAM PROVIDE**

NO SCALE

ALL TENDONS 1/2" DIA. 270K.

FIELD VERIFY ALL DIMENSIONS, NOTES, DROPS, SLOPES, AND RECESSES WITH ARCHITECTURAL DRAWINGS.

RECESS AS REQUIRED FOR CERAMIC TILE, WOOD OR BRICK FLOORS, MAINTAINING FULL SLAB AND GRADE BEAM DEPTH.

PROVIDE ADEQUATE SUPPORTS FOR ALL TENDONS AND REBARS TO MAINTAIN PROPER POSITION.

SLAB CHAIRS TO BE PLACED AT ALL INTERSECTIONS. SECURE TENDON TO CHAIRS.

PRELIMINARY TENSION TO BE PLACED ON TENDONS ONCE CONCRETE HAS REACHED A 1,000 P.S.I. TO CONTROL SHRINKAGE CRACKING.

CURING COMPOUND TO BE PLACED ON SLAB IMMEDIATELY AFTER FINISH TO CONTROL SHRINKAGE CRACKING.

FILL SHALL BE AN INERT GRANULAR MATERIAL COMPACTED TO 95% MODIFIED PROCTOR AND SHALL EXTEND A MINIMUM OF 5'-0" BEYOND THE PERIMETER OF THE FOUNDATION IN ALL DIRECTIONS.

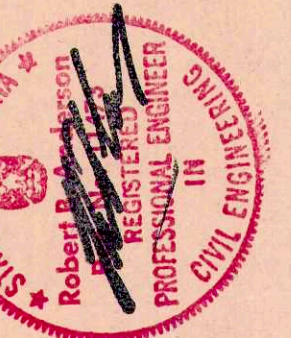
ALTERATION TO OR DEVIATION FROM THE INFORMATION SHOWN ON THIS SHEET WITHOUT ADVANCE APPROVAL FROM ANDERSON ENGINEERS INC. MAY VOID ANDERSON ENGINEERS, INC. RESPONSIBILITY.

**FOUNDATION GENERAL NOTES:**

- CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM OF 5 SCAKS 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 COMPRESSION STRENGTH OF 3,000 P.S.I. AT 28 DAYS. CONCRETE DESIGN MIX SHALL BE IN ACCORDANCE WITH THE A.C.I. BUILDING CODE REQUIREMENTS (A.C.I. 318R-89).
- CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,500 P.S.I. AT THE TIME OF STRESSINGS.
- ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
- ALL PRESTRESSING STEEL SHALL CONSIST OF SEVEN-WIRE STRESS RELIEVED STRAND CONFORMING TO ASTM A-416. MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE 270,000 P.S.I. STRANDS SHALL BE COATED WITH A PERMANENT RUST PREVENTATIVE LUBRICANT AND A PLASTIC SHEATH.
- REINFORCEMENT SHALL HAVE 3" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN BEAM SIDES AND TOPS, 1 1/2" COVER IN SLAB TOPS AND BOTTOMS, UNLESS OTHERWISE SHOWN.
- TENDONS AND REBARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACING OF CONCRETE.
- THE CONTRACTOR SHALL VERIFY ALL DROPS, SLOPES, RECESSES, BRICK SEATS, BLOCK-OUTS ON ARCHITECTURAL PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST.
- COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS, AND ANY OTHER RELATED ITEMS.
- PLANS FOR PIPES, CONDUITS, THIMBLES, ETC., TO PASS THROUGH CONCRETE SLAB OR BEAM, MUST NOT CONFLICT WITH REINFORCING. WHERE A CONFLICT OCCURES BETWEEN TENDONS AND REINFORCING, TENDON LOCATION IS TO TAKE PRECEDENCE.
- PROVIDE .006 POLYETHYLENE MEMBRANE UNDER ALL CONCRETE SLABS AND AND GRADE BEAMS.
- ALL SECTIONS SHOWN ARE THE SECTIONS AT MID-SPAN OF GRADE BEAMS UNLESS OTHERWISE SHOWN.
- THE TENDON LOCATION AT THE END OF THE GRADE BEAM TO BE (A MINIMUM OF 6") FROM THE TOP OF SLAB TO CENTRAL GRAVITY OF TENDONS.
- TENDONS TO BE STRESSED NO EARLIER THAN 6 DAYS AND NO LATER THAN 14 DAYS AFTER PLACEMENT OF CONCRETE.
- STRESSING:
  - 1/2" TENDON SHALL BE ANCHORED AT 28.9K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 33.0K PER STRAND.
  - 3/8" TENDON SHALL BE ANCHORED AT 16.1K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 18.4K PER STRAND.
- LOADING OF SLAB PRIOR TO TENSIONING SHALL NOT BE DONE WITHOUT THE APPROVAL AND DIRECTION OF THE SUPERVISING ENGINEER.
- CATHEADS TO BE PLACED ON ALL LIVE ENDS PRIOR TO PLACEMENT OF CONCRETE.
- THIS DESIGN TO BE USED ONLY FOR THE BELOW LOCATION:  
LOT : 22, MASTERS POINT OF OAK HARBOR, WEST AUGUSTA LANE, ST. TAMMANY PARISH, LA.

I WILL NOT SUPERVISE WORK

REVISIONS:	DATE:	SCALE:	AS SHOWN
DRAWN BY:	9-5-97	FILE NO.:	205A-97
T. D. M.	23	JOB NO.:	205A-97
CHECKED BY:	R. B. A.	DATE:	9-5-97



**ROBERT B. ANDERSON**  
CONSULTING ENGINEERS, INC.  
1-800-476-0963  
432 N. ANTHONY STREET  
NEW ORLEANS, LA. 70119  
(504)-488-7797

**FOUNDATION NOTES AND SECTIONS**  
**KASTNER RESIDENCE**  
**ST. TAMMANY PARISH, LOUISIANA**  
**FOR : MR. & MRS. RALPH KASTNER**

SHEET NO. **F-2** OF **F-2**