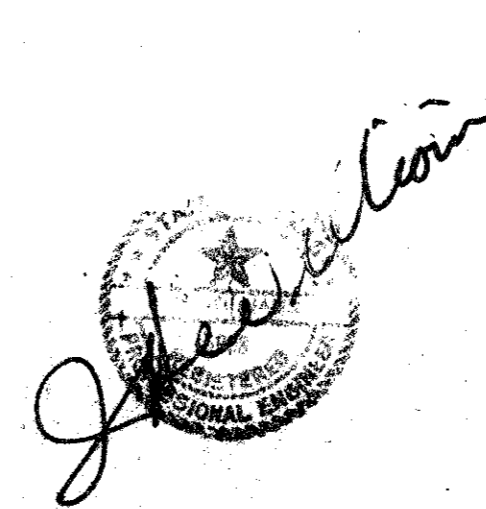
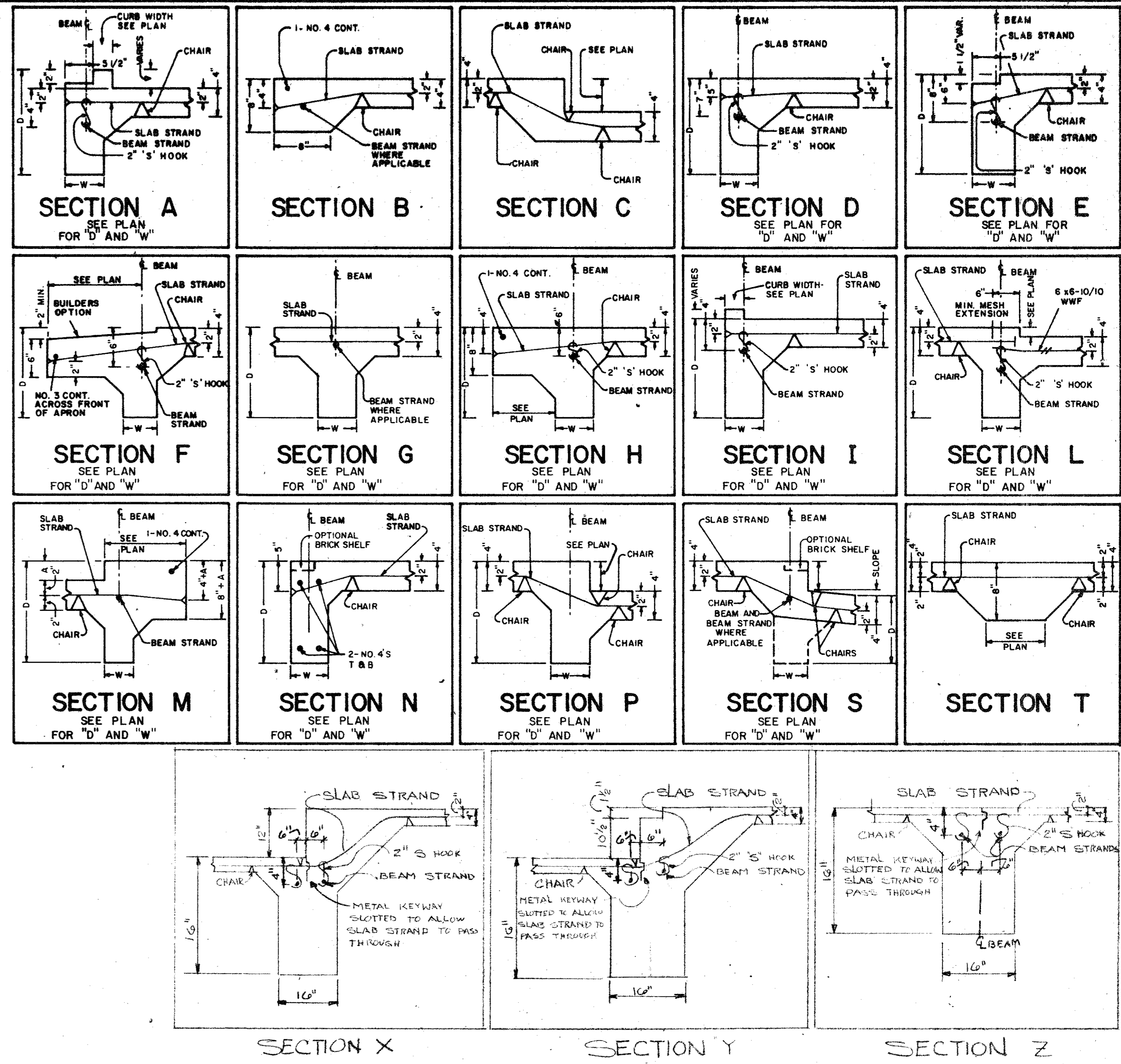


**GENERAL NOTES**

- FOUNDATION DESIGN CRITERIA HAS BEEN FORMULATED BASED ON MODIFICATIONS OF RECOMMENDATIONS SET FORTH IN CRITERIA FOR SELECTION AND DESIGN OF RESIDENTIAL SLABS-ON-GRADE (B-R-A-B REPORT). THIS FOUNDATION HAS BEEN DESIGNED FOR ALL APPLICABLE DEAD LOADS IMPOSED BY SUPER STRUCTURE PLUS A UNIFORM LIVE LOAD OF 20 PSF FOR ROOF AND 40 PSF LIVE LOAD ON GRADE SLAB. WIND DESIGN LOAD OF 15 PSF PER FOOT OF HORIZONTAL PROJECTION AND 15 PSF FOR UPLIFT.
- COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS, AND OTHER RELATED ITEMS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE WORK COMMENCES. NOTIFY ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST.
- STRAND, ANCHORS AND ALL ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD INSTALLATION INSTRUCTION SHEET FURNISHED BY POST-TENSIONED MATERIAL SUPPLIER.
- CONCRETE SHALL BE WELL CONSOLIDATED ESPECIALLY IN THE VICINITY OF THE STRAND ANCHORAGES.
- IF STRAND WRAP IS DAMAGED OR REMOVED FOR 6" OR MORE, IT MUST BE REPAIRED TO PREVENT BOND.
- FILL UNDER SLABS SHALL BE PLACED IN COMPLIANCE WITH F.H.A. DATA SHEET 796 AND/OR THE SOILS ENGINEER'S SPECIFICATION. THE FILL SHALL BE CERTIFIED BY THE SOILS ENGINEER.
- IF MAIN FOUNDATION AND PATIO SLABS ARE MONOLITHIC POURS, SEE SECTION "L" FOR DETAIL. IF SECTION "N" IS APPLICABLE AND A BRICK SHELF IS REQUIRED, THE SLAB STRAND SHOULD BE LOWERED AN ADDITIONAL 2" FROM FINISHED FLOOR ELEVATION.
- NO CONSTRUCTION JOINTS PERMITTED IN BEAMS OR SLABS OTHER THAN THOSE SHOWN ON THE PLANS. CONTACT ENGINEER FOR ADDITIONAL CONSTRUCTION JOINT LOCATIONS.
- CONTRACTION JOINTS, WHEN SHOWN, DO NOT PENETRATE BEAMS.
- MATERIALS:
  - CONCRETE:
    - ALL CONCRETE DESIGN IS IN ACCORDANCE WITH A.C.I. 318-71.
    - ALL CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS AND AT LEAST 1900 P.S.I. AT TIME OF STRESSING.
    - 4" CUSHION LAYER UNDER THE SLAB SHALL BE EITHER PERVIOUS SAND FILL OR GRANULAR FILL.
    - A VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE, EXCEPT GARAGE APRONS.
  - PRESTRESSING STEEL:
    - 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 PREVENTIVE LUBRICANT AND WRAPPED WITH A DOUBLE LAYER OF KRAFT PAPER OR PLASTIC SHEATH.
    - ALL POST-TENSIONING TENDONS (ANCHORS AND STRAND) SHALL BE AS APPROVED BY THE DESIGN ENGINEER, H. U. D., F. H. A. AND V. A.
- STRESSING:
  - 1/2" Ø STRANDS SHALL BE ANCHORED AT 28.9K PER STRAND, BUT MAY BE INITIALLY STRESSED TO 33K PER STRAND TO OVERCOME FRICTION.
  - 3/8" Ø STRANDS SHALL BE ANCHORED AT 16.1K PER STRAND BUT MAY BE INITIALLY STRESSED TO 18.4K PER STRAND TO OVERCOME FRICTION.
- PLANS:
  - SECTIONS SHOWN ARE FOR ALL CONDITIONS, NOT ALL SECTIONS WILL BE APPLICABLE TO EACH PROJECT.



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		BY 73062
		JOB NO. 4899
		FILE NO. III
		SHEET

916 Avenue M Grand Prairie, Texas 75060