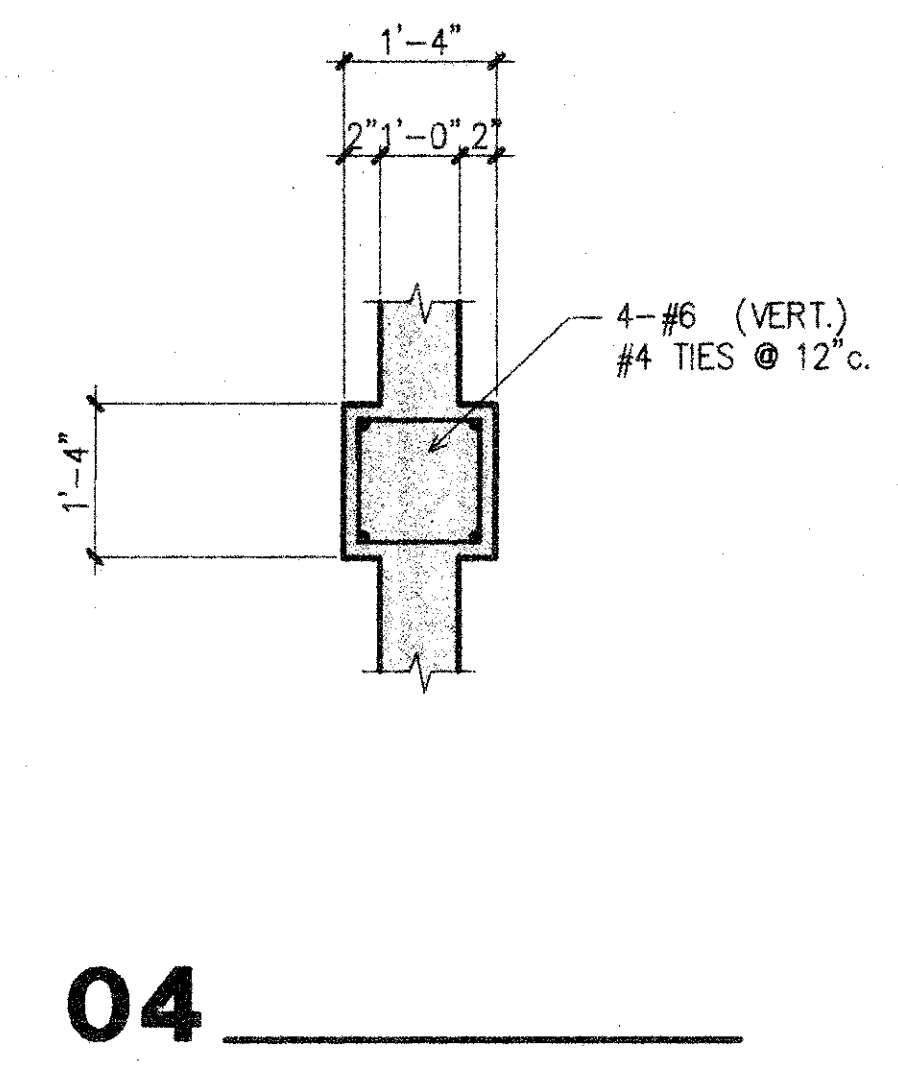
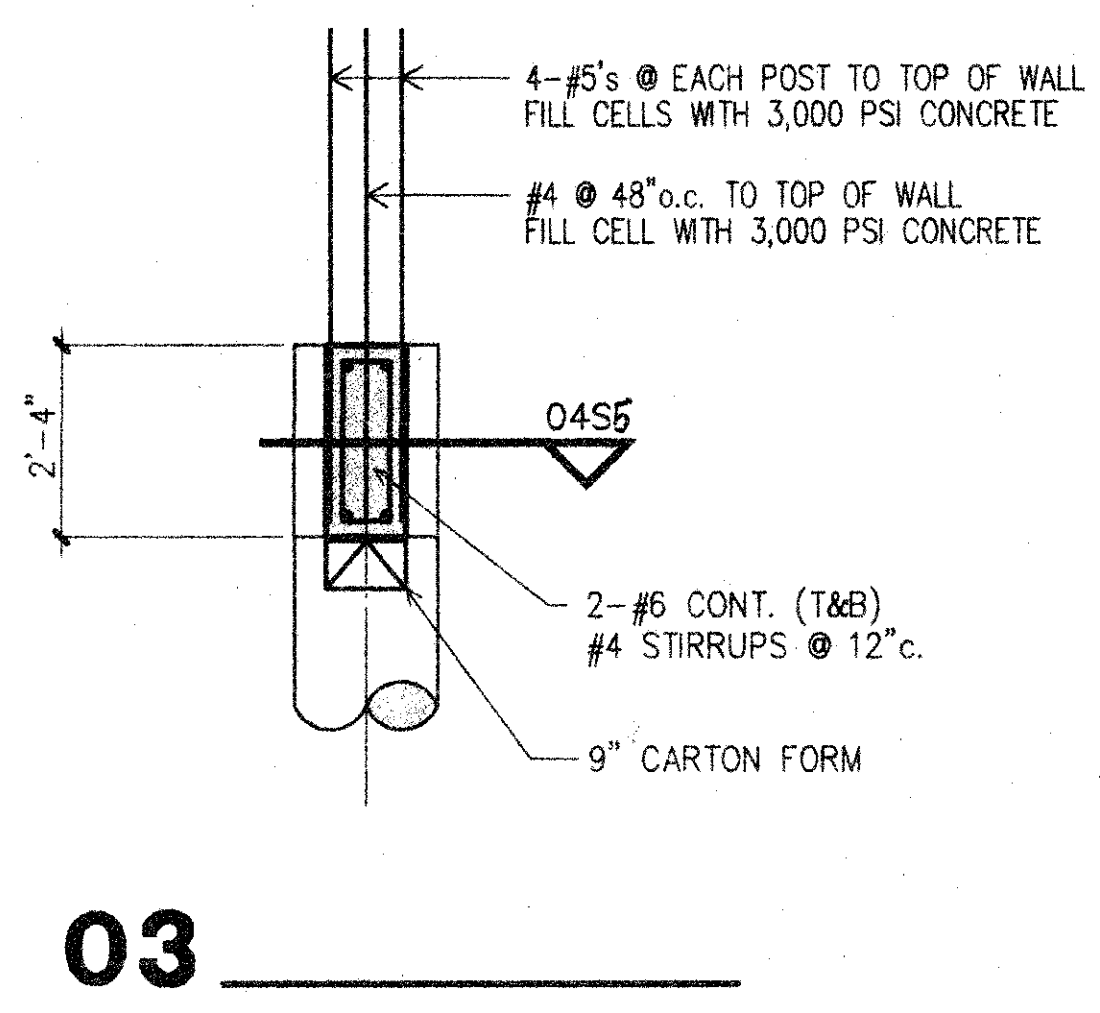
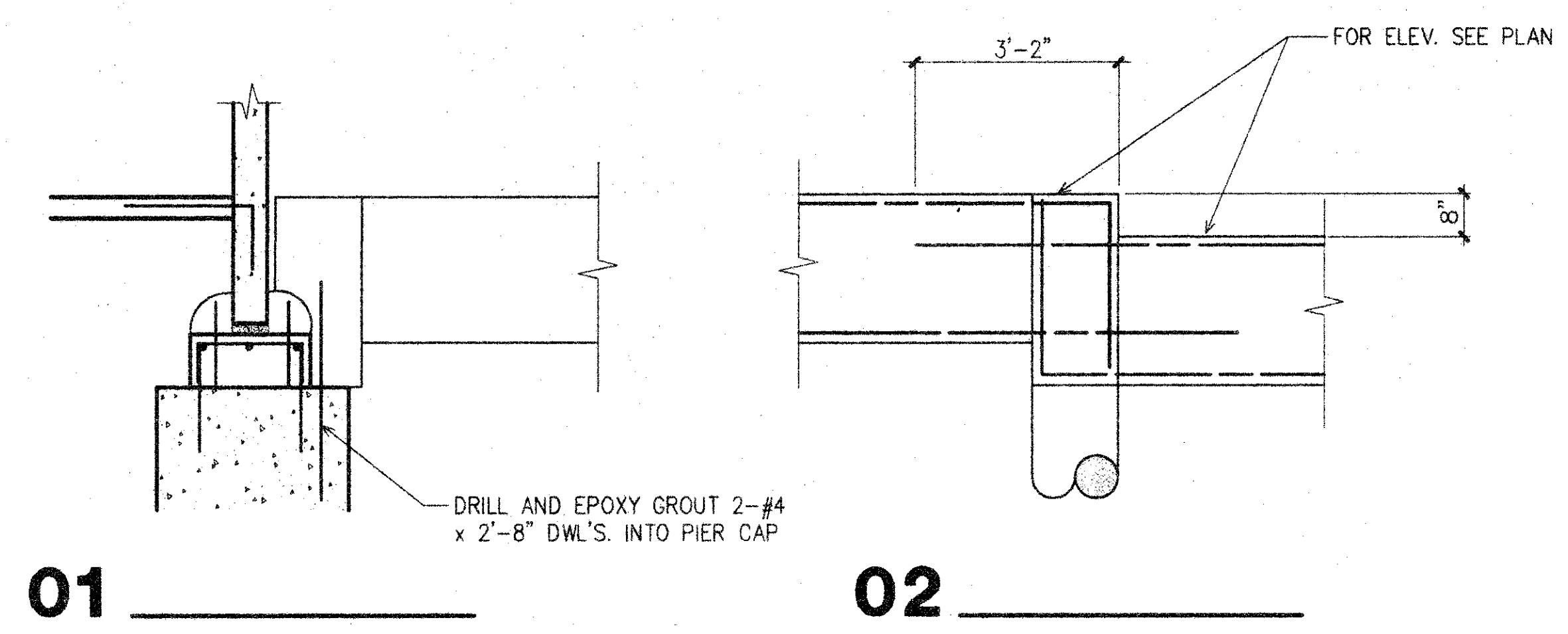
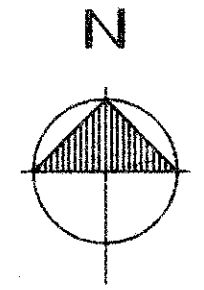
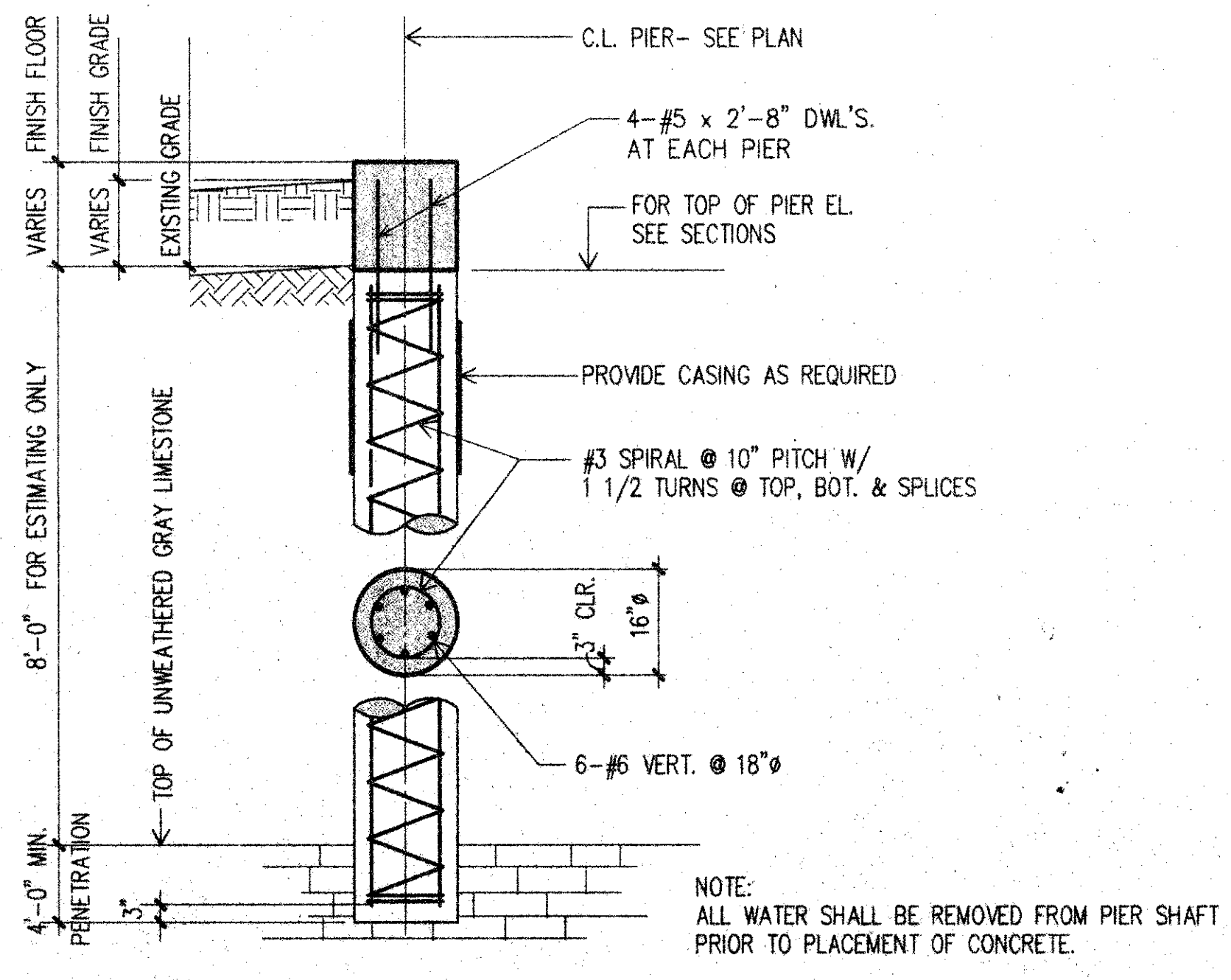


FENCE FOUNDATION FRAMING PLAN
 1/8" = 1'-0"



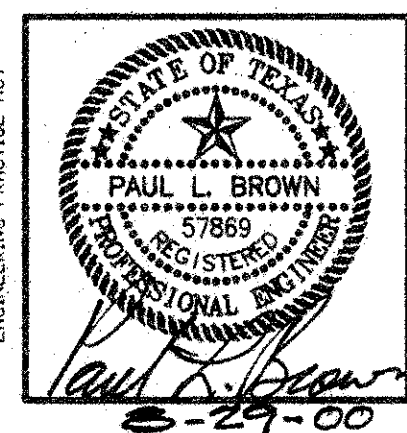
- GENERAL NOTES**
- THIS PROJECT SHALL MEET ALL REQUIREMENTS OF UNIFORM BUILDING CODE AND THE CITY OF ADDISON, TEXAS.
 - LIVE LOADS:
 ROOF LOAD ----- 20 PSF. WIND SPEED = 70 MPH.
 EXPOSURE = B SEISMIC ZONE = 0
 - THE FOUNDATION IS DESIGNED TO MEET THE RECOMMENDATIONS CONTAINED IN THE SOIL REPORT PREPARED FOR THIS PROJECT BY BRYANT CONSULTANTS, INC., DATED AUGUST 12, 1997.
 - FOUNDATION DESIGN IS BASED ON AN ALLOWABLE END BEARING VALUE OF 40,000 PSF. PIERS SHALL BE PLACED INTO THE UN-WEATHERED GRAY LIMESTONE FOUND AT A DEPTH OF BETWEEN 12 AND 4 FEET BELOW EXISTING GRADE.
 - ALL PIERS SHALL BE CENTERED UNDER THE WALLS UNLESS OTHERWISE SHOWN.
 - IF CASED PIERS ARE REQUIRED, THE PIERS ARE TO BE INSPECTED BY A QUALIFIED TESTING LABORATORY ENGINEER DURING THE DRILLING OPERATION, PLACEMENT OF CONCRETE, AND REMOVAL OF CASING. SPECIAL CARE SHALL BE TAKEN TO MAINTAIN A SUFFICIENT HEAD OF PLASTIC CONCRETE WITHIN THE CASING DURING EXTRACTION.
 - THE CONTRACTOR SHALL VERIFY DEPTHS OF PIERS BEFORE PIER STEEL IS CUT. PIER STEEL SHALL BE DELIVERED TO THE JOB SITE IN STANDARD 60' LENGTHS AND CUT AS REQUIRED. 30 BAR DIAMETER LAPS WILL BE ALLOWED IN THE PIER STEEL IF NO MORE THAN 50% OF THE BARS ARE LAPPED IN ANY 5'-0" LENGTH OF PIER.
 - ALL GRADE BEAMS SHALL BE SUPPORTED ON 9" CARTON FORMS COATED WITH PARAFFIN CONTAINING 10% POLYETHYLENE AND DESIGNED TO CARRY THE WET CONCRETE.
 - SHOP DRAWINGS: TWO PRINTS AND ONE SEPIA TRACING OF EACH DRAWING IS TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW. DISTRIBUTION OF PRINTS IS TO BE MADE ONLY FROM RETURNED THE SEPIA DRAWINGS BEARING A SIGNED REVIEW STAMP. NO WORK ON ITEMS SHOWN THEREON IS TO PROCEED UNLESS THE STAMP CLEARLY INDICATES "NO EXCEPTIONS TAKEN" OR "MAKE CORRECTIONS NOTED". GENERAL CONTRACTOR SHALL PRE-CHECK ALL SHOP DRAWINGS BEFORE SUBMISSION TO ENGINEER FOR REVIEW. THE CONTRACTOR SHALL ALLOW THE ENGINEER TWO WEEKS FOR REVIEWING SHOP DRAWINGS.
 - STRUCTURAL DRAWINGS MAY NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS WITHOUT PRIOR PERMISSION OF THE STRUCTURAL ENGINEER.
 - THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS.

- CONCRETE**
- ALL CONCRETE AND METAL REINFORCEMENT FOR CONCRETE SHALL BE FABRICATED AND PLACED IN CONFORMITY WITH THE "ACI STANDARD BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318).
 - POURED IN PLACE CONCRETE SHALL STRICTLY ADHERE TO THE PROPORTIONS ESTABLISHED IN DESIGN MIXES, PREPARED AND TESTED BY A PRE-QUALIFIED LABORATORY. THESE TESTS SHALL CONSIST OF THE ACTUAL MATERIALS TO BE USED DURING CONSTRUCTION, FOR THE SEVERAL STRENGTHS AND USES INTENDED. THE DESIGN MIXES AND TEST RESULTS ARE TO BE REVIEWED BY THE ENGINEER PRIOR TO USE.
 - POURED IN PLACE CONCRETE IS TO BE NORMAL WEIGHT AND IS TO DEVELOP A COMPRESSIVE STRENGTH f'_c OF 3,000 PSI. AT 28 DAYS. SLUMP SHALL EQUAL $4 \pm 1"$
 - STRENGTH TESTS OF CONCRETE ARE TO MEET THE REQUIREMENTS FOR ULTIMATE STRENGTH DESIGN.
 - UNLESS NOTED, METAL REINFORCEMENT FOR POURED IN PLACE CONCRETE IS TO BE ASTM 615; GRADE 60 FOR PRINCIPAL REINFORCING; GRADE 40 FOR STIRRUPS AND TIES. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
 - BARS SCHEDULED AS CONTINUOUS SHALL BE LAP SPICED 30 DIAMETERS AS FOLLOWS: TOP BARS AT CENTERLINE OF ANY SPAN. BOTTOM BARS OVER ANY SUPPORT.
 - PROPER ACCESSORIES AND SUPPORTS ARE TO BE USED AS NOTED AND REVIEWED ON THE SHOP DRAWINGS. ALL REINFORCING TO BE SECURELY AND ACCURATELY HELD IN LOCATIONS SHOWN ON PLANS.



TYPICAL PIER DETAIL

THE SEAL APPEARING ON THIS DOCUMENT HAS
 BEEN AUTHORIZED BY PAUL L. BROWN, P.E. ENGINEER
 AUTHORIZED BY STATE OF TEXAS WITHOUT
 ALTERATION OF A SEAL TO BE REPRODUCED WITHOUT
 THE WRITTEN PERMISSION OF THE ENGINEER.
 PAUL L. BROWN, P.E.
 5-29-00



to
 T.S. Orendain Associates, Inc.
 Architecture • Planning
 16835 Addison Rd.
 Suite 101
 Dallas, Texas 75248
 972/250-0119

PAUL L. BROWN, P.E.
 STRUCTURAL ENGINEER
 1219 ABRAMS, SUITE 126
 RICHARDSON, TEXAS 75081
 (972) 437-5551

DATE	9-13-2000	ISSUED FOR / DESCRIPTION	SITEWALL REVISION
BY			

**AS - BUILT
 DRAWING**
 DATE: 8-23-01
 T.S. OREDAIN ASSOC., INC.
 Architecture • Planning • Interior Design
 16835 Addison Road, Suite 101
 Addison, Texas 75001 972-250-0119

RECEIVED
 AUG 30 2005
 T.S. OREDAIN ASSOC./INC.

**FENCE FOUNDATION
 FRAMING
 PLAN**

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