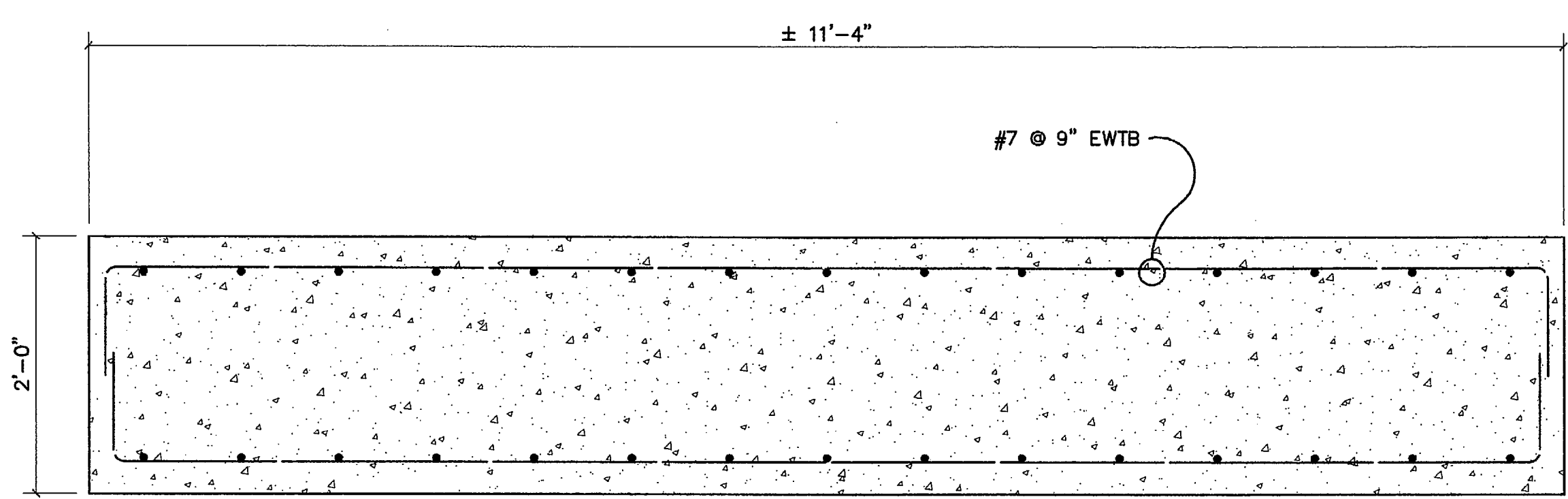


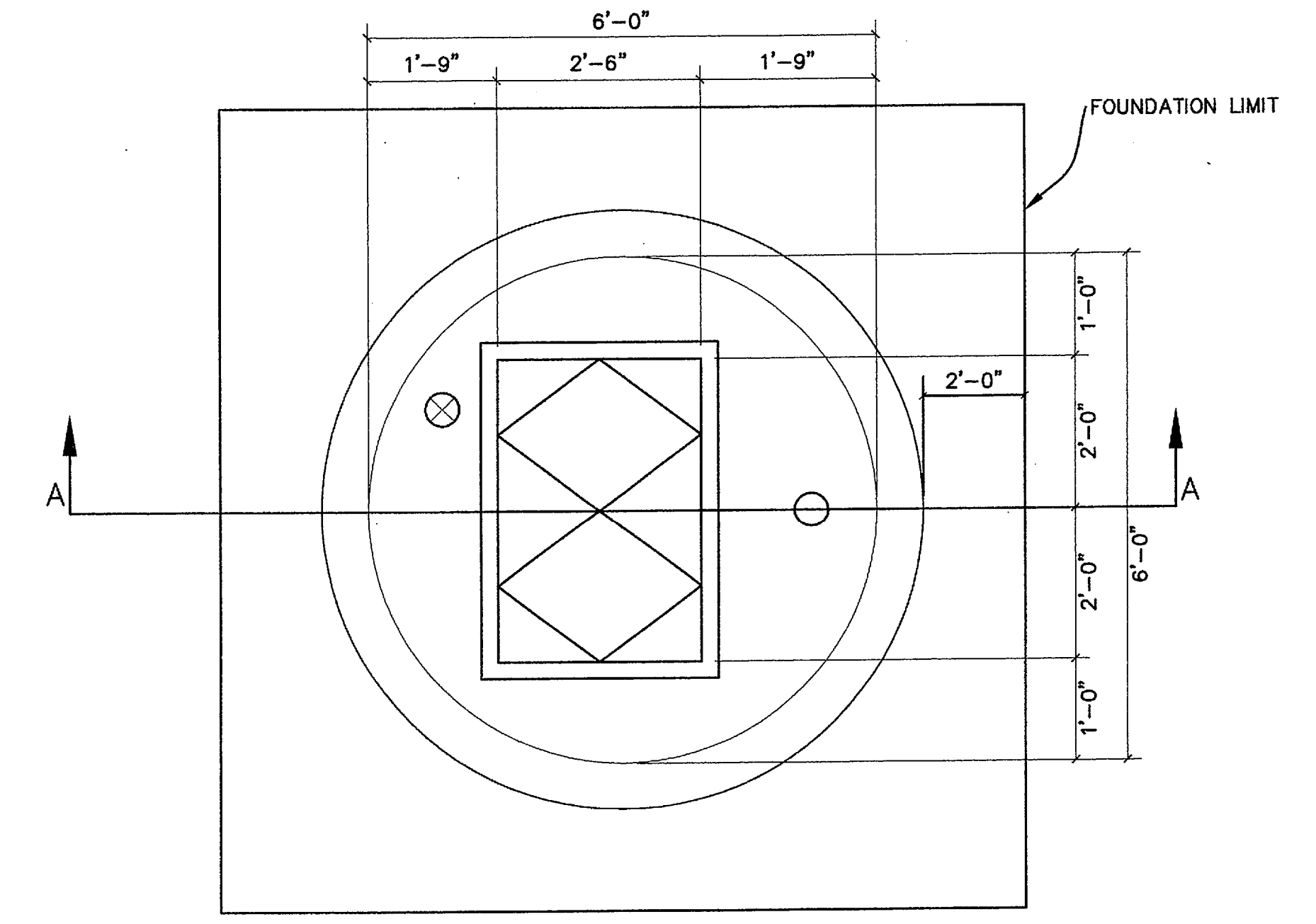
1 SECTION VIEW LIFT STATION
3/8" = 1'



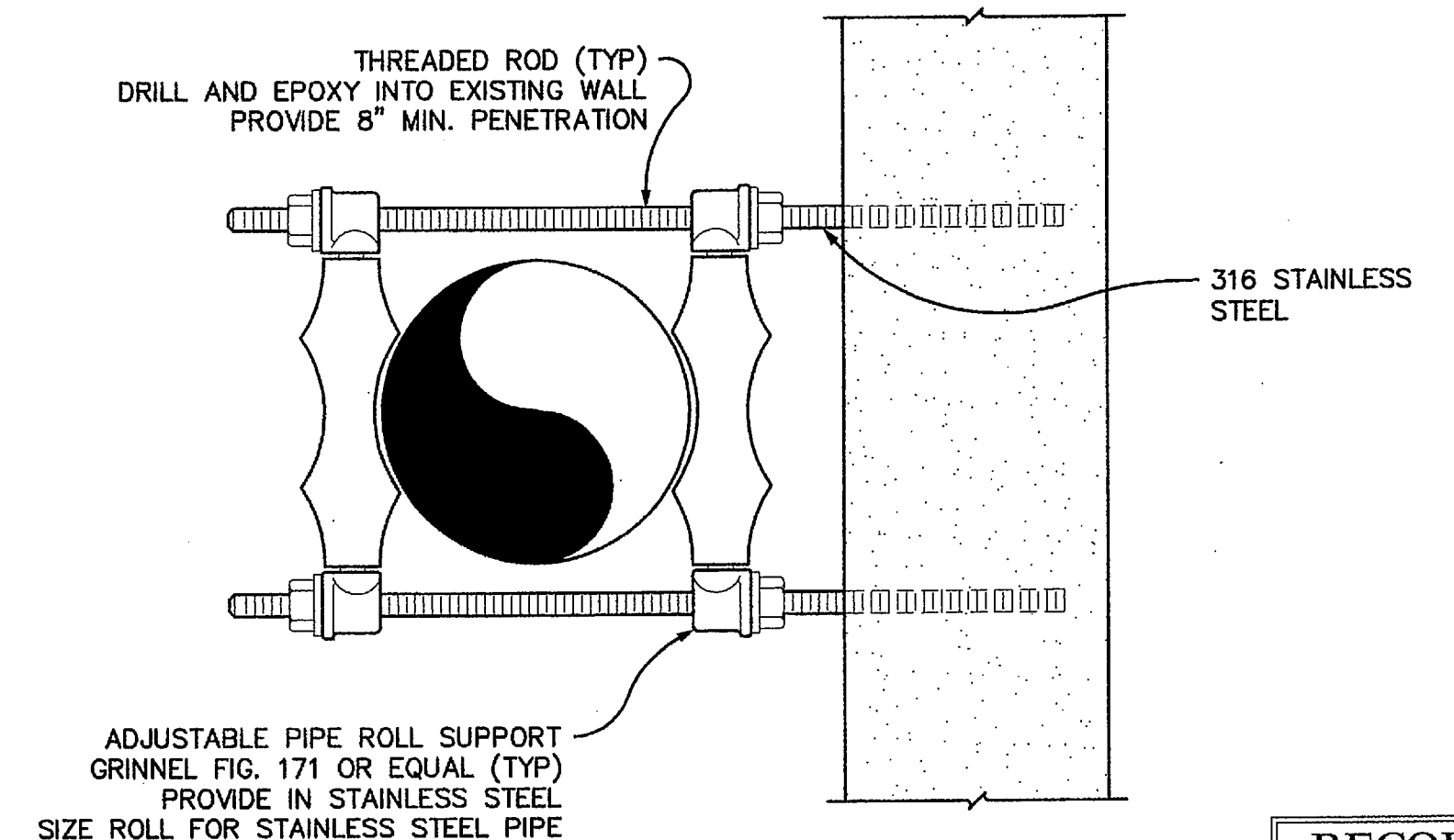
2 SECTION VIEW A-A LIFT STATION BASE SLAB
1" = 1'

STRUCTURAL NOTES:

- STRUCTURE DESIGNED IN ACCORDANCE WITH THE 2000 EDITION OF THE INTERNATIONAL BUILDING CODE.
- STRUCTURAL DESIGN SHALL CONFORM WITH ACI 318-05 EXCEPT AS OTHERWISE INDICATED BY ACI 350R-01 AND ALL APPLICABLE LOCAL BUILDING CODES.
- BACKFILL SHALL BE AS IDENTIFIED ON THE PLANS. BACKFILL SHALL BE PLACED, COMPACTED, AND TESTED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
- ALL APPLICABLE STRUCTURES SHALL BE LEAK TESTED PRIOR TO BACKFILLING OPERATIONS. CONTRACTOR SHALL BRACE ALL WALLS WHILE PLACING BACKFILL.
- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-05, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, EXCEPT AS MODIFIED BY THE SPECIFIC RECOMMENDATIONS OF ACI 350R-01 AND THE SUPPLEMENTAL REQUIREMENTS BELOW.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 psi AT 28 DAYS.
- ALL CONCRETE REINFORCING STEEL SHALL BE OF DOMESTIC MANUFACTURE AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60.
- DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI PUBLICATION 315-99.
- AN AIR-ENTRAINING ADMIXTURE SHALL BE REQUIRED AND CONFORM TO ASTM C 260.
- A WATER-REDUCING ADMIXTURE SHALL BE REQUIRED AND CONFORM TO ASTM C 494, TYPE A.
- FLY ASH SHALL NOT BE ALLOWED AS A CONCRETE SUBSTITUTE.
- ALL CONCRETE FOR STRUCTURES SHALL BE WATERTIGHT.
- COARSE AGGREGATE SIZE SHALL BE NO. 467 AND CONFORM TO ASTM C 33.
- CONCRETE SHALL HAVE CRUSHED LIMESTONE AGGREGATE. GRAVEL OR OTHER TYPE OF AGGREGATE SHALL NOT BE ALLOWED.
- PORTLAND CEMENT SHALL BE TYPE I AND CONFORM TO ASTM C 150.
- PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES OF CONCRETE.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH SHALL HAVE A MINIMUM CONCRETE COVER OF 3".
- CONTRACTOR SHALL COORDINATE ALL PENETRATIONS, CONDUIT, CHAMFERS, AND EMBEDDED ITEMS PRIOR TO CONCRETE PLACEMENT AND/OR STEEL ERECTION. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS.
- DO NOT IMPOSE SERVICE LOADS (i.e. ROOF DEAD AND LIVE LOADS, FLOOR DEAD AND LIVE LOADS, BACKFILL, ETC.) UNTIL THE CONCRETE HAS REACHED ITS SPECIFIED MINIMUM COMPRESSIVE STRENGTH.
- SUBMIT ORIGINAL SHOP DRAWINGS FOR FABRICATION, BENDING, AND PLACEMENT OF CONCRETE REINFORCEMENT. PROVIDE BAR SCHEDULES, STIRRUP SPACING, DIAGRAMS OF BENT BARS, AND ARRANGEMENT OF CONCRETE REINFORCEMENT. PROVIDE ADDITIONAL REINFORCEMENT FOR OPENINGS IN CONCRETE WALLS AND SLABS.

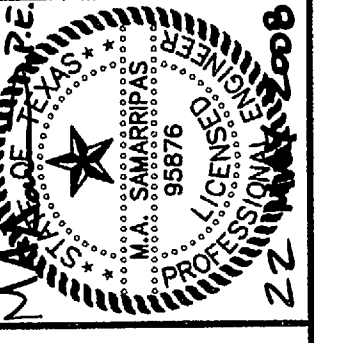


3 PLAN VIEW LIFT STATION FOUNDATION
3/8" = 1'



4 LATERAL PIPE SUPPORT STANDARD DETAIL
NTS

RECORD DRAWING
THIS RECORD DRAWING HEREIN REFLECTS TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE, THE APPROXIMATE LOCATION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTORS AND SURVEYED GRADES.



EVERGREEN AT ROCKWALL

STRUCTURAL DETAILS LIFT STATION

Scale:	AS SHOWN
Designed by:	TLS
Drawn by:	TLS
Checked by:	MAS
Date:	DECEMBER 2008
Project No.:	063890013