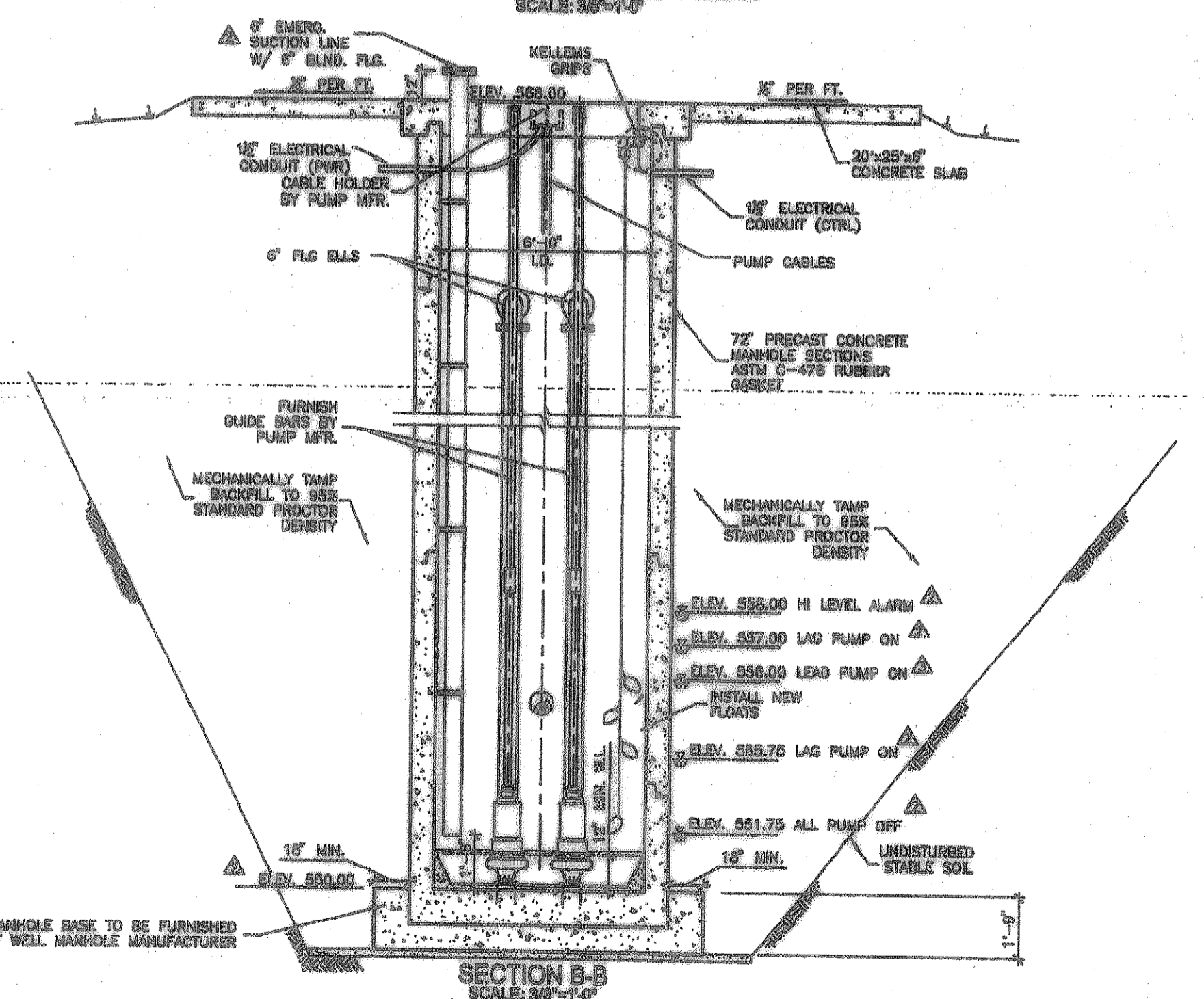
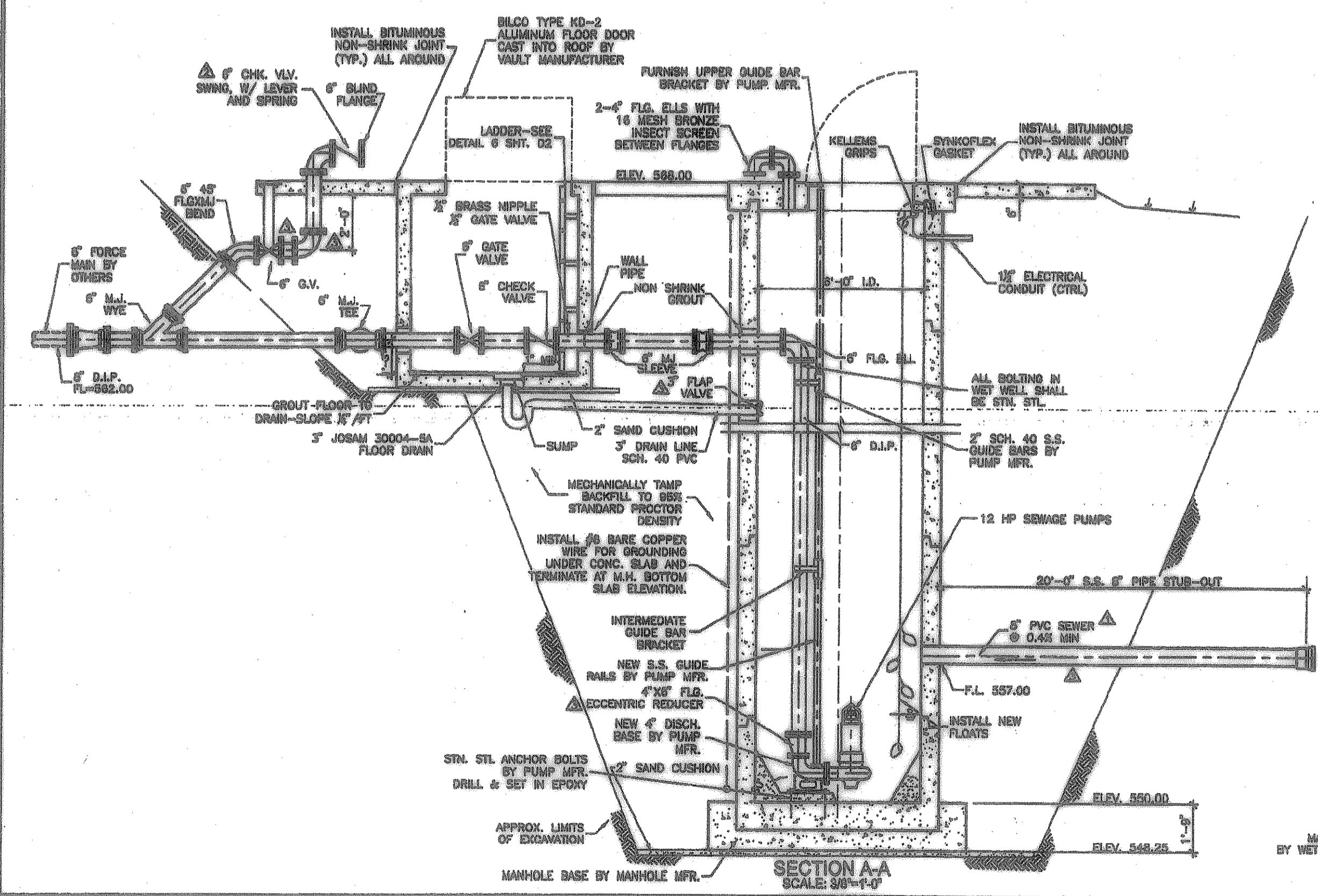
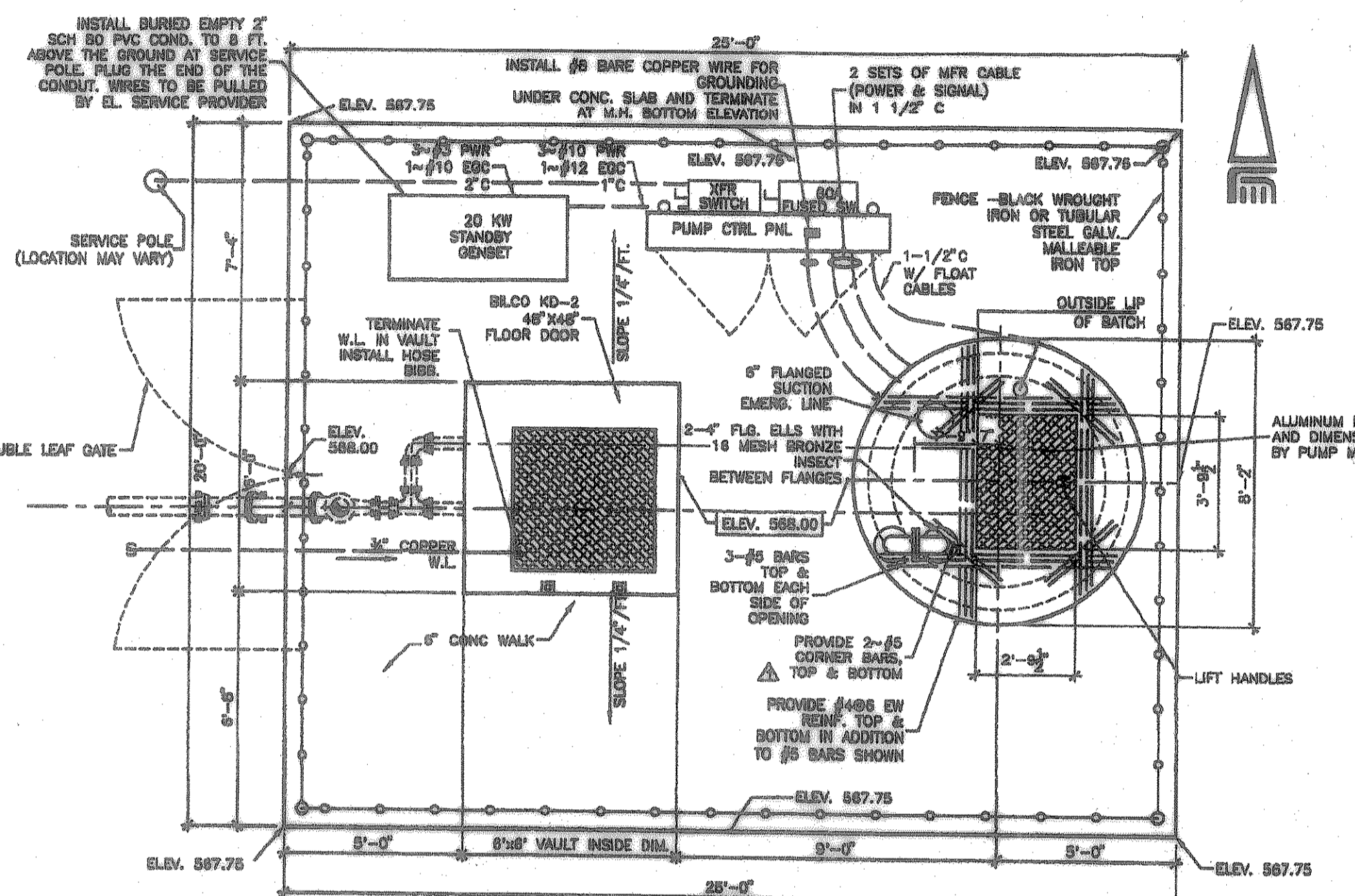
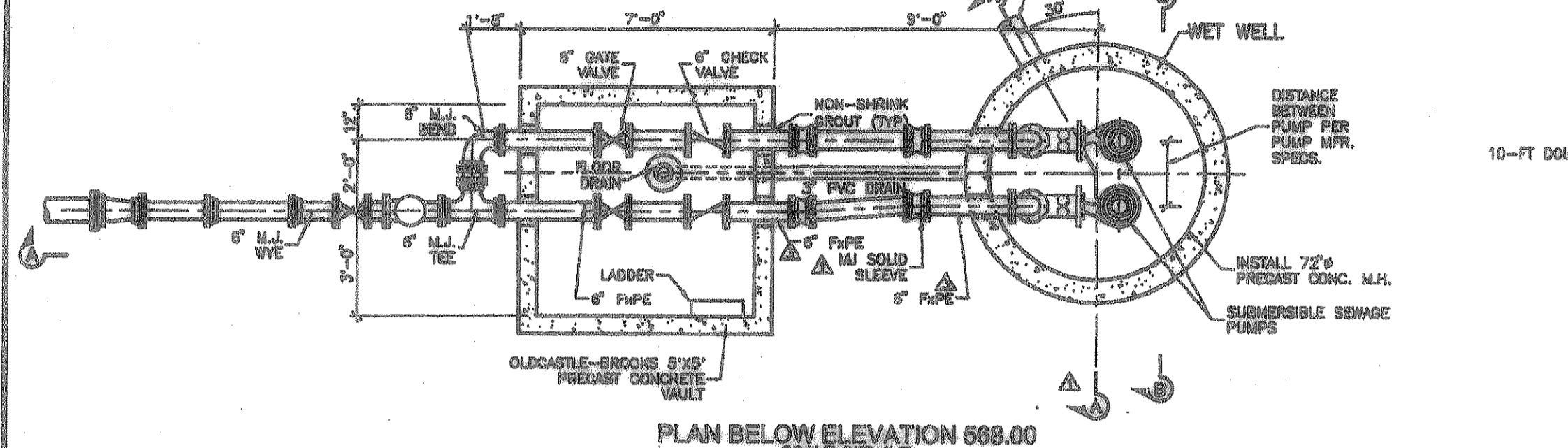


- GENERAL NOTES:**
1. PIPE FITTINGS SHALL BE DUCTILE IRON. USE MECHANICAL JOINT FITTINGS FOR BURIED PIPELINES AND FLANGED FITTINGS FOR EXPOSED PIPING.
 2. BURIED PIPE SHALL BE CLASS 150 RING 6-300 P.W.C.
 3. EXPOSED PIPE SHALL BE CLASS 65 DUCTILE IRON.
 4. INSTALL ESMR IRON "MEGALUG" RESTRAINED JOINTS ON ALL MECHANICAL JOINT CONNECTIONS.
 5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,200 p.s.i. AT 28 DAYS.
 6. REINFORCING STEEL SHALL BE GRADE 60.
 7. NO CARBON STEEL MATERIALS MAY BE USED IN THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR EXPOSED FLANGE BOLTS INSIDE VAULT. ALL BOLTS ON THE FLANGED CONNECTIONS INSIDE WET WELL SHALL BE STAINLESS STEEL. ALL MATERIALS SHALL BE DUCTILE IRON, STAINLESS STEEL, ALUMINUM, BRASS OR BRONZE.
 8. FURNISH PSM PIPE SEALS AROUND ALL PVC PIPES THAT PENETRATE THE WET WELL.
 9. THE 22#02 SURFACE SLAB SHALL BE 6" THICK WITH #5 REBAR @12" O.C.
 10. ALL WET WELL CONCRETE JOINTS SHALL BE LOCATED ABOVE THE WET ZONE IN THE WET WELL. THE BASE SHALL BE INTEGRALLY CAST WITH THE FIRST PIPE SECTION. ALL JOINTS SHALL BE SEALED WITH WATER STOP SEALS AND THE INTERIOR AND EXTERIOR OF EACH JNT. SHALL BE SEALED WITH NON SHRINK GROUT. JNTS IN THE VAULT SHALL BE TREATED THE SIMILAR TO THE WET WELL.
 11. ALL EXPOSED CONCRETE AND GROUT SURFACES INSIDE THE WET WELL NEED TO BE COATED WITH PROTECTIVE COATING SYSTEM TO PREVENT DEGRADATION OF THE CONCRETE AND GROUT BY SEWER GASES. THESE SURFACES SHALL BE ABRASIVE BLASTED TO SSPC-SP13/NACE 6 PRIOR TO COATING APPLICATION. THE COATING SYSTEM SHALL CONSIST OF 1/16" THICK PRIME COAT OF THIESC 219 MORTARGLAD, 135 MIL DFT OF THIESC 434 PERMAWELD AND A 16 MIL DFT TOPCOAT OF THIESC 435 PERALGARD OR APPROVED EQUAL. COATING SHALL BE APPLIED IN THE FIELD AFTER THE STRUCTURE INSTALLATION.
 12. SEE SPEC. SECTION 09500 - PAINTING FOR PAINTING OF THE EXPOSED METAL.



APPROVED FOR CITY ENGINEERS (S.E.)
BY: [Signature]
REVISION
NO. DATE
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FONTANNA RANCH
FONTANNA LIFT STATION
LIFT STATION - MECHANICAL

STATE OF TEXAS
COUNTY OF ROCKWALL
CITY OF ROCKWALL
PROJECT NO. 06131
DATE: OCT. 2008
DESIGNED: [Signature]
DRAWN: [Signature]
CHECKED: [Signature]
SHEET L1
TOTAL SHEETS: 4

Lift Station Plan & Details
Fontanna Ranch
City of Rockwall, Rockwall County, Texas
Spring Haven Investments, Inc.
6700 Hillcrest Plaza Dr. • Suite 500 • Dallas, Texas 75230 • 972.363.3330
F.C. CUNY CORPORATION
12 Horizon Court • Heath, Texas 75032 • 469-402-7700
Drawn By: [Signature] Checked By: [Signature] Date: 10/14/09 Scale: Project No.: 06131 Sheet No.: 33 of 45