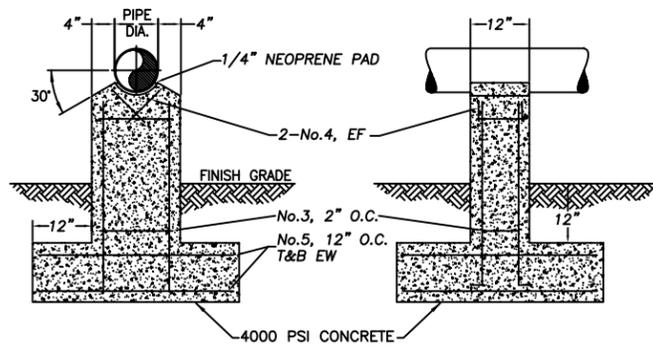
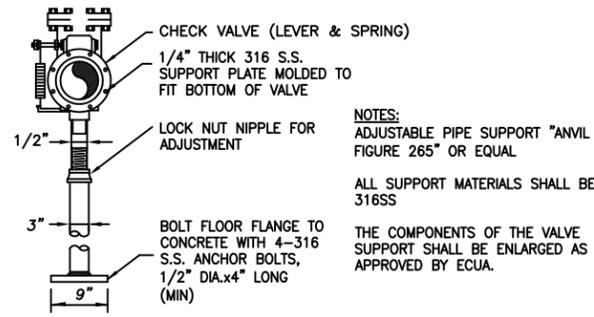


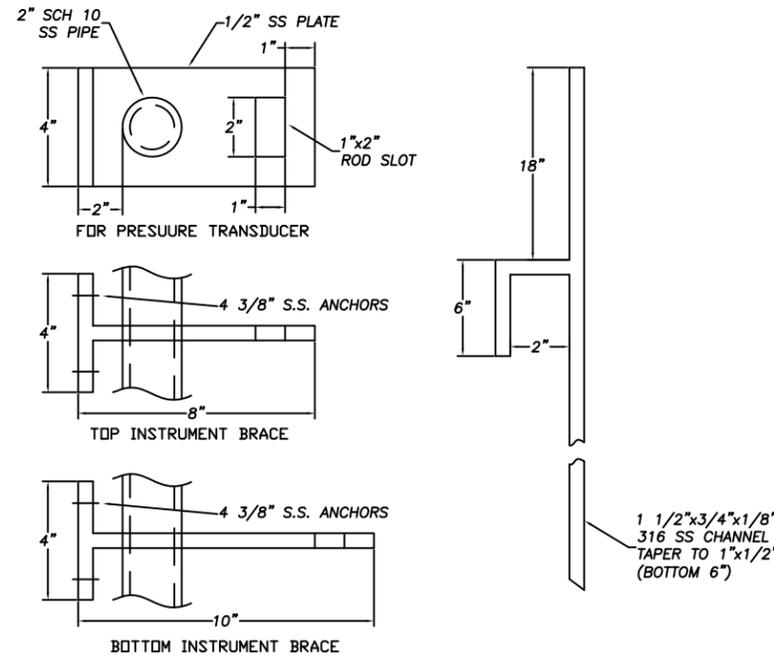
REVISIONS	BY
X	XX



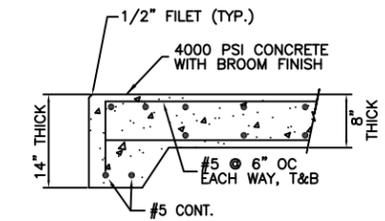
① PIPE SUPPORT DETAIL
N.T.S.



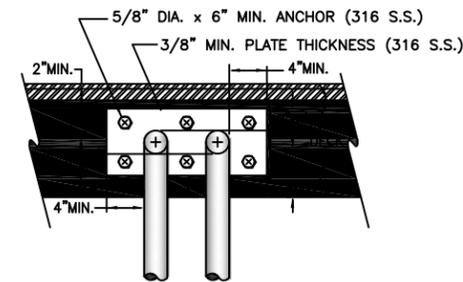
④ ADJUSTABLE PIPE STAND DETAIL
N.T.S.



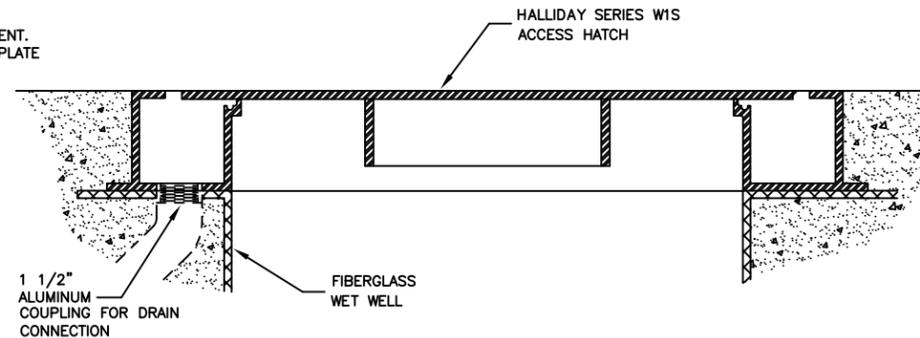
⑥ LEVEL INSTRUMENTATION SUPPORT
N.T.S.



② GENERATOR SLAB DETAIL
N.T.S.



⑤ GUIDE RAIL
N.T.S.



NOTE:
- ALL ALUMINUM SURFACES IN CONTACT WITH CONCRETE SHALL BE COATED WITH A BITUMASTIC PAINT.
- HATCH DRAINS TO BE ROUTED TO OUTER EDGE OF TOP SLAB.

⑧ HATCH DETAIL
N.T.S.

GENERAL LIFT STATION NOTES

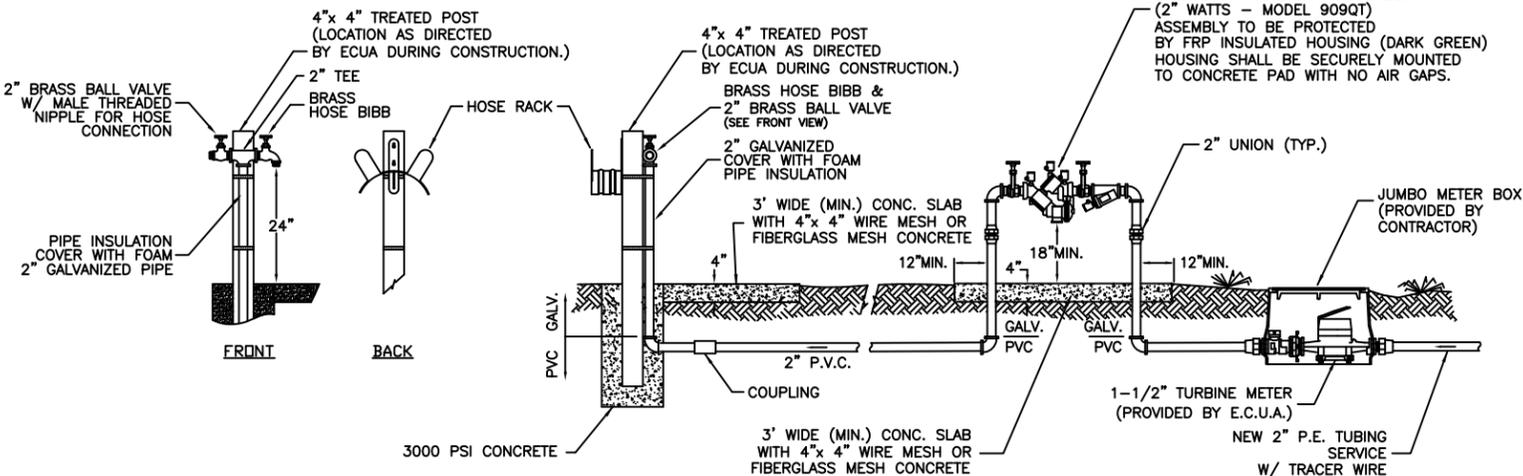
1. THE LOCATION OF INFLUENT LINES, WATER SUPPLY, ETC. ARE DRAWN OUT OF ORIENTATION ON SECTIONAL VIEW. SEE PLAN VIEW FOR ORIENTATION.
2. ALL PENETRATIONS IN WET WELL WALL FOR PIPING, ELECTRICAL, ETC. SHALL BE SEALED & SLEEVED.
3. TO PROTECT STANDPIPE FROM SWAY BRACE, EITHER WRAP PIPE WITH RUBBER SHEETING OR INSERT ALL U-BOLTS THROUGH RUBBER HOSE.
4. PIPING WITHIN THE WET WELL SHALL BE FLANGED SCHEDULE 10 316 STAINLESS STEEL. INTERMEDIATE JOINTS SHALL BE WELDED. FITTINGS WITHIN THE WET WELL SHALL BE FLANGED 316 STAINLESS STEEL. ALL NUTS, BOLTS & ACCESSORIES WITHIN THE WET WELL SHALL BE 316 STAINLESS STEEL.
5. PIPE AND FITTINGS OUTSIDE OF THE WET WELL AND ABOVE GROUND SHALL BE 316 STAINLESS STEEL (FLANGED, SCHEDULE 10). ALL WELD-ON FLANGES SHALL BE 125# RF SOCKET-WELD FLANGE OR RF WELD NECK FLANGE (TYPE). ALL BOLTS, WASHERS AND NUTS SHALL BE 316 STAINLESS STEEL AND SHALL BE COATED WITH "NEVER SEIZE" TYPE COATING.
6. THE ANNULAR SPACE BETWEEN TOP SLAB AND FORCE MAIN PIPE SHALL BE SEALED VIA LINK SEAL.
7. PROVIDE 4" PIPE (PVC, SCH. 80) THROUGH CONCRETE TOP WITH CAPPED TOP AND OPEN END BOTTOM. SEAL AROUND CONCRETE TOP WITH NON-SHRINK GROUT.
8. INTERIOR SURFACES OF FITTINGS INDICATED, INCLUDING THE FLANGE MATING SURFACES, AS WELL AS THE PUMP IMPELLER, VOLUTE, AND BACKPLATE SHALL BE COATED WITH BELZONA 1321 CERAMIC S-METAL. (UNLESS OTHERWISE SPECIFIED BY OWNER)
9. PLUG VALVES SHALL HAVE AN ALLOWABLE FLOW CAPACITY EQUAL TO 100% OF THE ADJACENT PIPE AREA, AND SHALL ALLOW "PIGGING".
10. THE INTERIOR OF ALL VALVES SHALL BE COATED.
11. CONTRACTOR SHALL PROVIDE 2-3/4" CONDUITS (ONE FOR POWER AND ONE FOR SIGNAL) FOR FLOW METER (IF REQUIRED). CONTRACTOR SHALL TERMINATE WIRES IN OWNER PROVIDED ELECTRICAL CONTROL CABINET.
12. EXHAUST OF ARV'S TO BE FIELD LOCATED, PROVIDE FITTINGS AS NECESSARY, AND PIPED TO WET WELL USING 2" 316 S.S. PIPE.
13. LOW LEVEL ALARM ELEV. TO BE SET IN COORDINATION WITH ECUA AND PUMP MANUFACTURER.
14. CONNECTION OF SWAY BRACE MOUNTING PLATE SHALL BE COORDINATED WITH PUMP MANUFACTURER.
15. A SECOND BRACE IS TO BE INSTALLED WHEN THE DEPTH OF WET WELL IS GREATER THAN 10' DEEP OR WHEN THE PUMPS ARE GREATER THAN 10 HP.

IMPROVEMENTS TO WASTE WATER COLLECTION SYSTEM
LIFT STATION XXXXXXXXXXXXX
LIFT STATION DETAILS SHEET TWO



APPROVED BY:

Drawn:	TEJ/RMC
Designed:	SNH
Checked:	SNH
Date:	12/18/2014
Scale:	N.T.S.
Project No:	XXXXX
Sheet No:	2
Of	2 Sheets



③ LIFT STATION METER DETAIL
N.T.S.

⑦ LIFT STATION SITE DETAIL
N.T.S.

NOTES:
1. ALL DEPTHS ARE COMPACTED DEPTHS.
2. PREPARE SUBGRADE BY CLEANING AND GRUBBING, STRIPPING TOPSOIL AND PLACING GEOTEXTILE FABRIC.
3. FILL FOR LIFT STATION SITE SHALL BE SAND MECHANICALLY COMPACTED TO 95% MODIFIED PROCTOR DENSITY IN MAXIMUM 12-INCH LIFTS LOOSE MEASUREMENT TO ACHIEVE CORRECT GRADE.