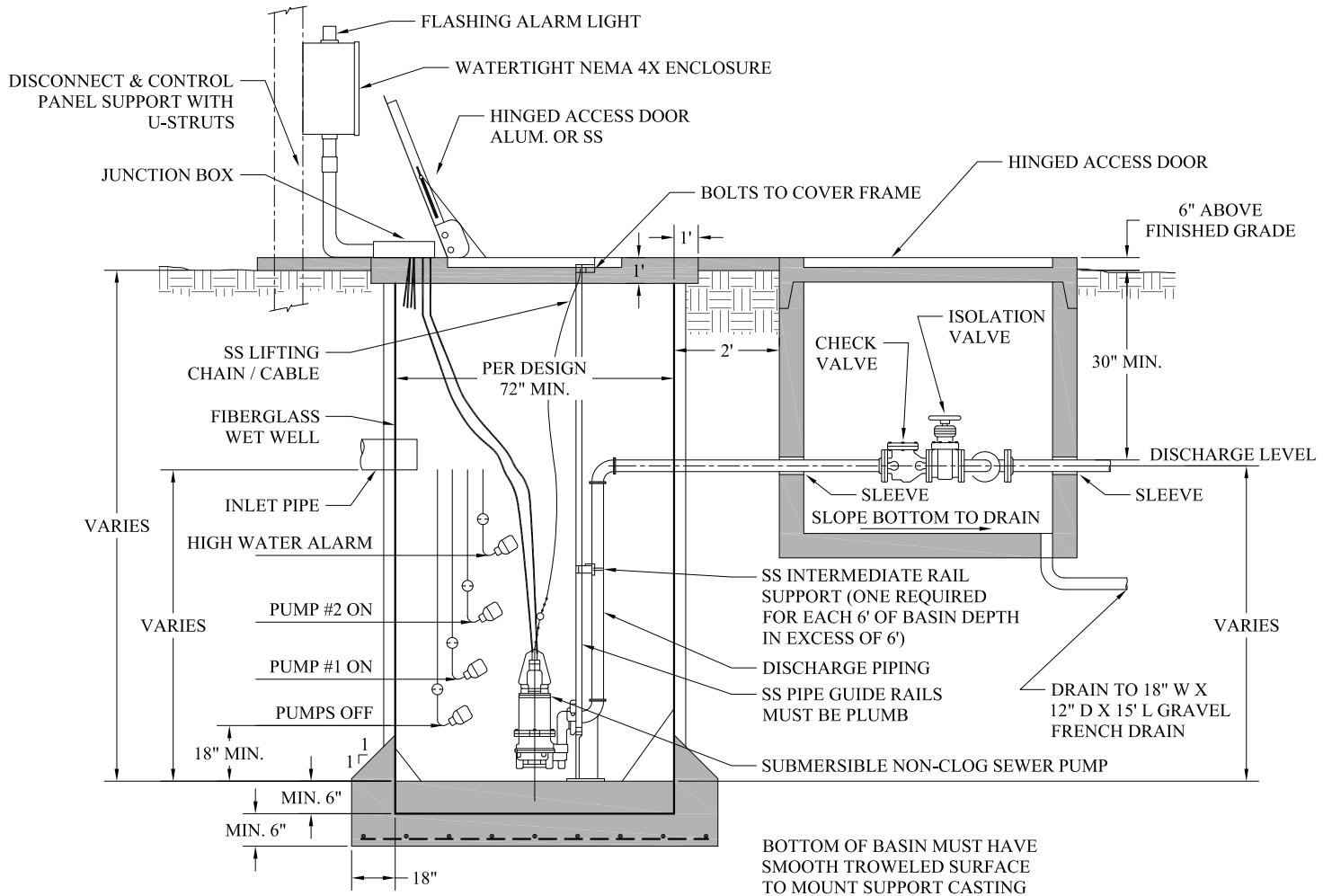


# SUBMERSIBLE DUPLEX LIFT STATION - PART 1 OF 4



## NOTES

1. 2" DISCHARGE PIPING SHALL BE SCH. 80 PVC WITH THREADED CONNECTIONS.
2. 4" AND LARGER DISCHARGE PIPING SHALL BE PVC C900 DR 18.
3. REINFORCING STEEL FOR CAST-IN-PLACE CONCRETE.
  - A. 1 MAT OF #5 BARS @ 12" ON CENTER EACH WAY.
  - B. USE GRADE 60 DEFORMED REINFORCEMENT STEEL.
  - C. USE CLASS A CONCRETE 3000 PSI @ 28 DAYS.
6. BEFORE ATTEMPTING TO INSTALL ANY WET-WELL, MAKE SURE EXCAVATION IS PROPERLY SHORED.
7. CUTOUTS FOR INFLUENT AND EFFLUENT LINES SHALL BE MADE AT TIME OF INSTALLATION. INFLUENT AND EFFLUENT PIPE PENETRATIONS SHALL BE WATER TIGHT.
8. ALUMINUM GRATING SHALL BE 1-1/2 X 3/16 (DEPTH X THICKNESS) SERRATED SWAGE-LOCKED TYPE OR OWNER APPROVED EQUAL.
9. WET-WELL AND ACCESS DOOR DIMENSIONS SHALL MEET MANUFACTURERS SPECIFICATIONS FOR PUMP SPACING.
10. PUMPS, MOTORS, CONTROLS, BASE AND GUIDE RAILS SHALL BE MANUFACTURED BY ITT FLYGT OR OWNER APPROVED EQUAL.

**CITY OF SAN ANGELO**

SUBMERSIBLE DUPLEX LIFT STATION

PART 1 OF 4

JUNE 2016

W-SA-LS-1