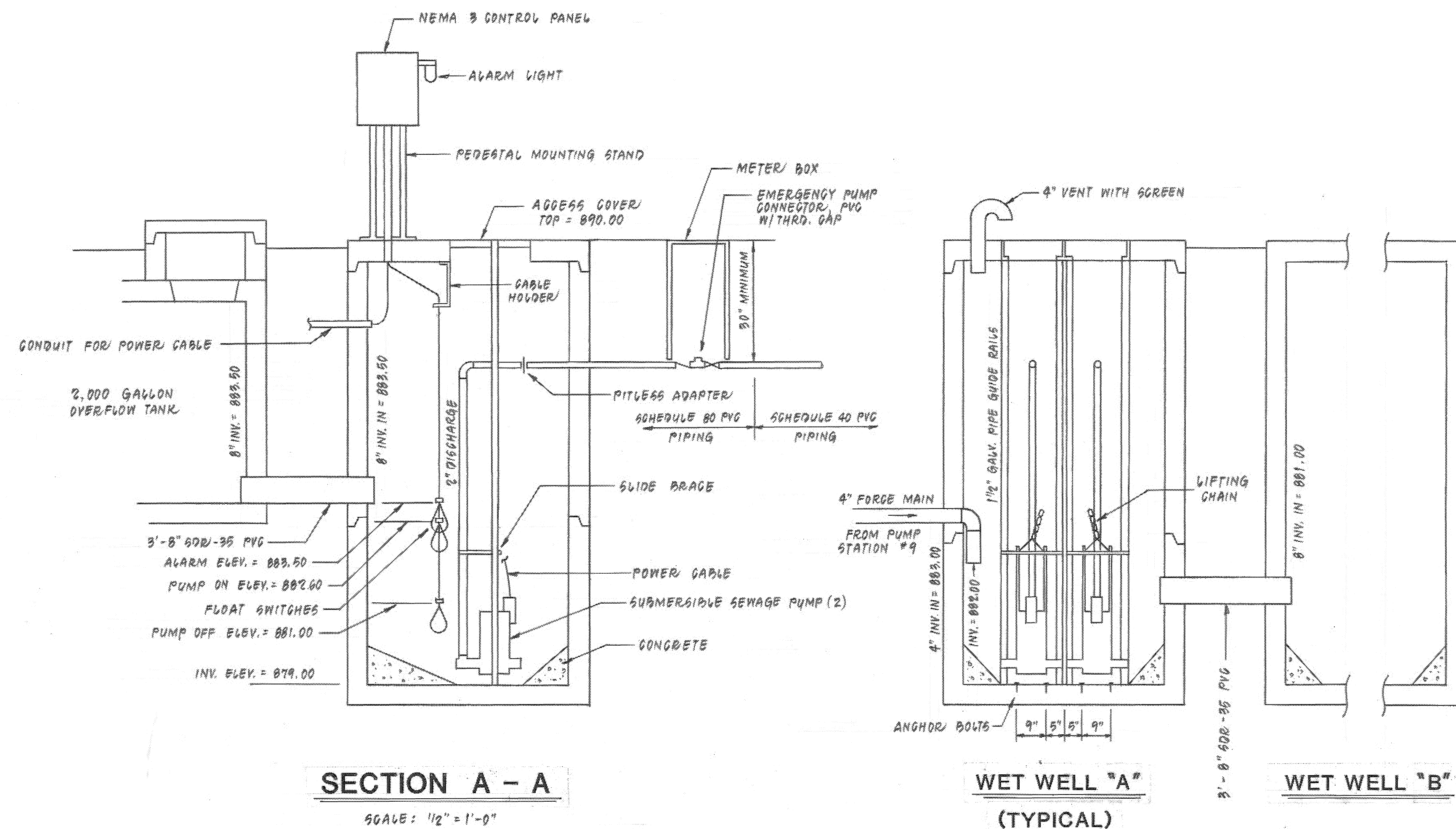
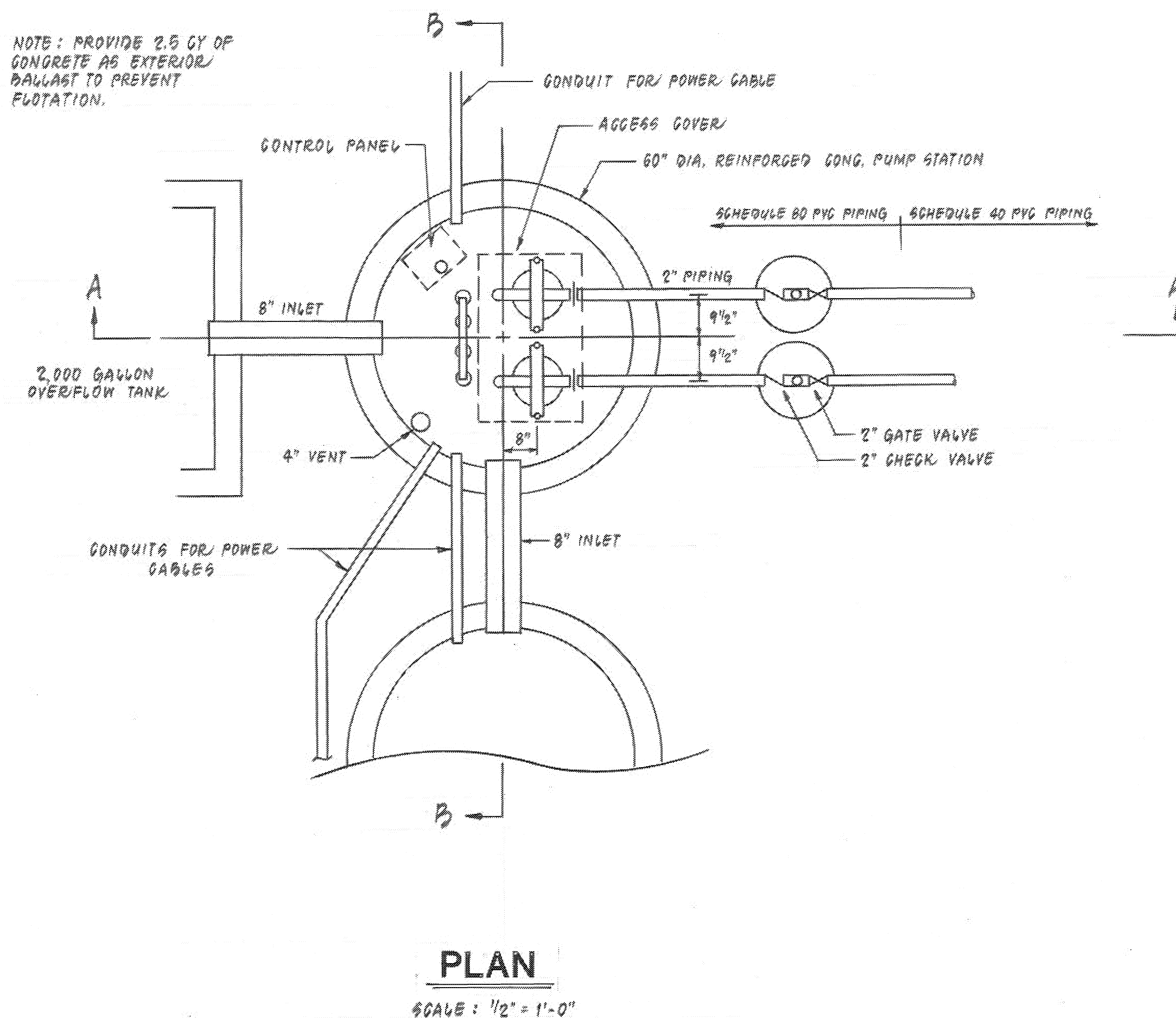
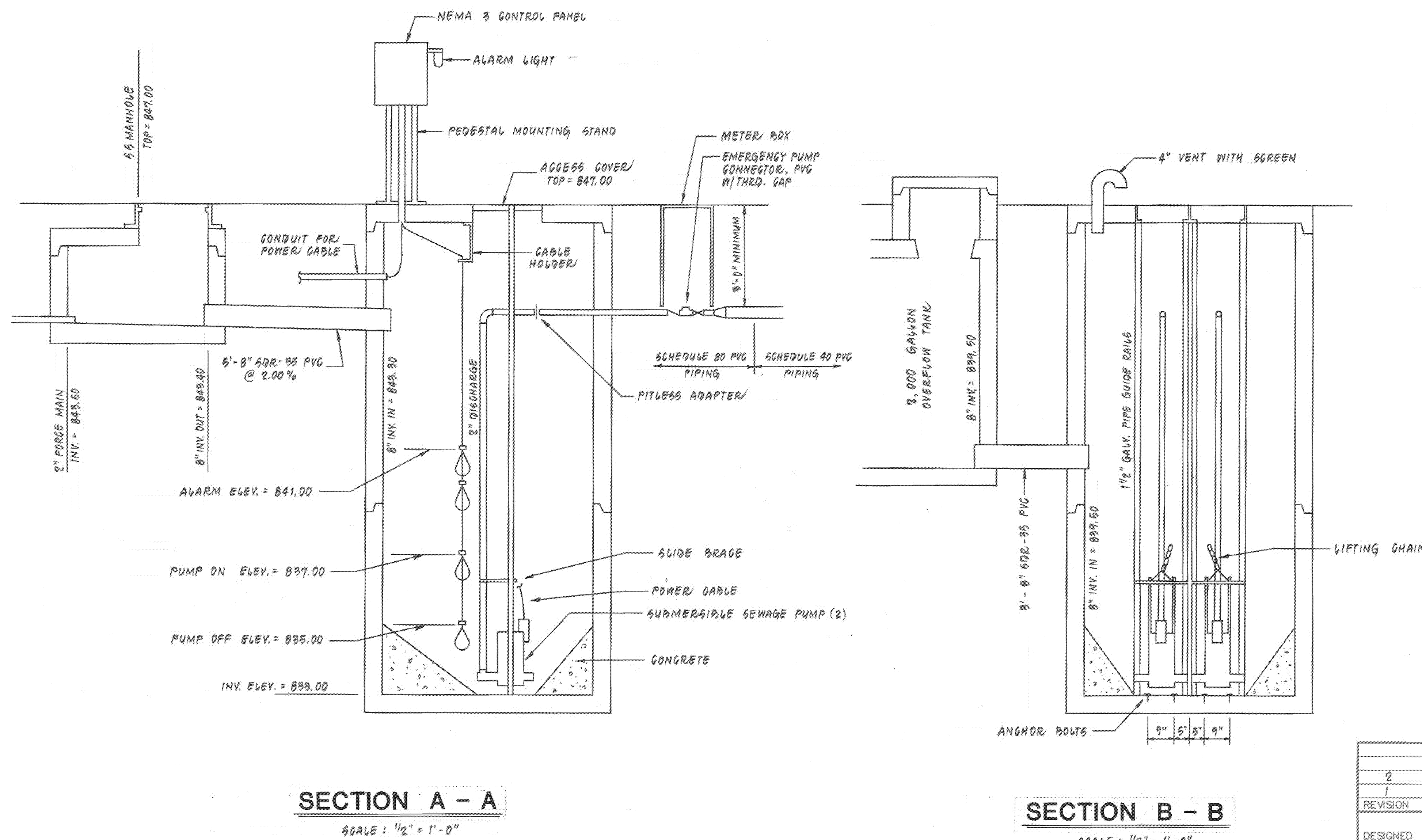
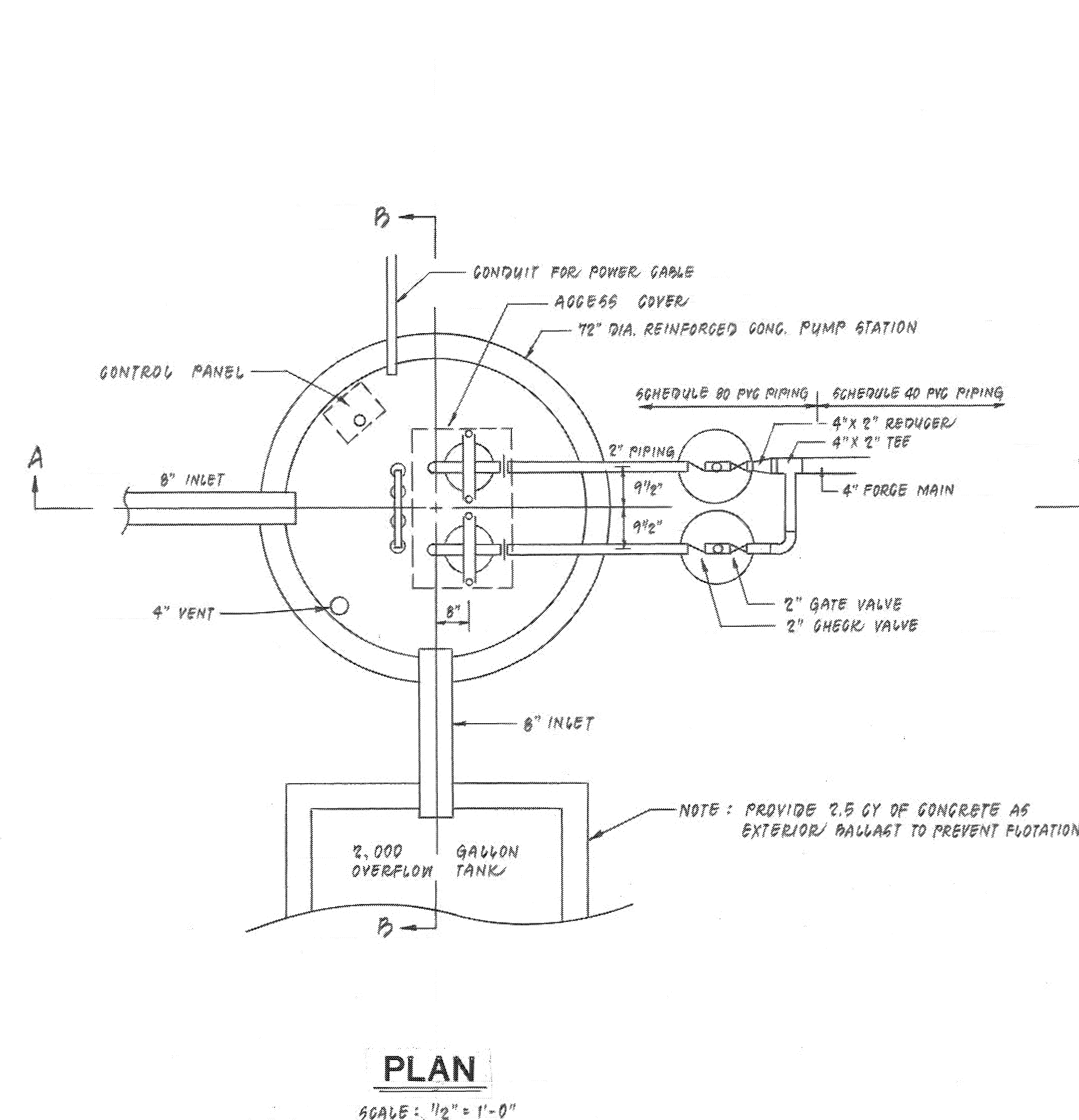




PUMP STATION #10



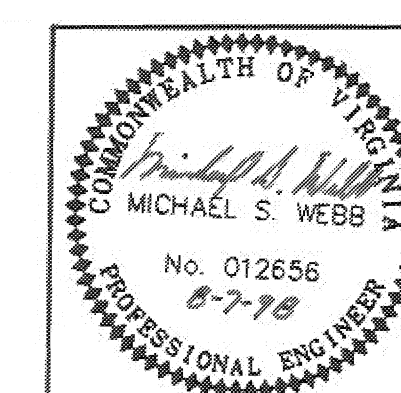
PUMP STATION #9

NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE VIRGINIA SEWAGE HANDLING AND DISPOSAL REGULATIONS AND THE FRANKLIN COUNTY BUILDING CODE.
2. THE SUBMERSIBLE SEWAGE PUMPS SHALL BE HYDRODYNAMIC MODEL SPGH500, 3450 RPM, 1/2 HORSEPOWER SINGLE PHASE, 230 VOLT, OR APPROVED EQUAL.
3. THE SEWAGE PUMPS SHALL BE INSTALLED WITH GUIDE RAILS TO ALLOW REMOVAL OF THE SEWAGE PUMPS.
4. ALL PIPING CONNECTIONS TO THE PUMP STATION SHALL BE MADE WITH WATERPROOF SEALS OR BOOTS.
5. STATION DISCHARGE PIPING SHALL BE SCHEDULE 80 PVC. FORCE MAIN PIPING SHALL BE SCHEDULE 40 PVC.
6. ALL PIPING SHALL BE BRACED AND BLOCKED TO PREVENT MOVEMENT.
7. THE PUMP STATION ACCESS COVER SHALL BE IN ACCORDANCE WITH HYDRODYNAMICS BULLETIN SPG-632 OR APPROVED EQUAL.
8. SERVICE PANEL AND ELECTRIC METER SHALL BE MOUNTED ON A STAND ADJACENT TO THE PUMP STATION.

PUMP OPERATION:

1. PUMPS IN PUMP STATION NUMBER 9 SHALL BE CONTROLLED BY MERCURY FLOAT SWITCHES. THE CONTROL PANEL SHALL PROVIDE FOR AUTOMATIC ALTERNATION OF THE PUMPS. OVERRIDE CONTROLS SHALL BE PROVIDED TO SHUT-OFF THE PUMP IN PUMP STATION NUMBER 9 WHEN THE PUMP IN PUMP STATION 10 CUTS OFF.
2. PUMPS IN PUMP STATION NUMBER 10 SHALL BE CONTROLLED BY MERCURY FLOAT SWITCHES. THE CONTROL PANEL SHALL PROVIDE FOR AUTOMATIC ALTERNATION OF THE FOUR PUMPS.



REVISION	DATE	DESCRIPTION
2	26 FEB. 1999	REVISED PUMP STATIONS 9 & 10
1	7 JAN. 1999	REVISED PUMP STATION #10 & FORCE MAIN.
DESIGNED	MSW	DETAILS FOR PUMP STATIONS 9 & 10 FOR "WESTLAKE POINTE"
DRAWN	RAG	PREPARED FOR WESTLAKE PROPERTIES, INC.
CHECKED	MSW	GILLS CREEK MAGISTERIAL DISTRICT FRANKLIN COUNTY, VIRGINIA
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA		
SCALE: NONE		COMM: 98-181
DATE: 7 AUG. 1998		SHEET 11 of 13