



- INTERLOCK NOTES:**
- I-1 PUMP FAILURE ALARM WHEN PUMP IS RUNNING AND CHECK VALVE IS CLOSED FOR MORE THAN 10 SECONDS.
 - I-2 PUMP CONTROL-FILL AND DRAW WITH PUMPS OPERATING IN LEAD-LAG MODE. HS-10 SELECTS EITHER "ALT", "123", "231", "312" PUMPING CYCLES FOR LEAD, LAG AND STANDBY SEQUENCING. WHEN "ALT" IS SELECTED, LEAD, LAG AND STANDBY PUMPS ARE SWITCHED EACH PUMP CYCLE. NORMALLY STANDBY PUMP DOES NOT OPERATE.
 - I-3 PUMP STATION COMMON TROUBLE ALARM. TURNS ON OUTSIDE STROBE LIGHT FOR ALL PUMP STATION ALARMS INCLUDING INTRUSION.
 - I-4 INTRUSION SIREN SOUNDS 30 SECONDS AFTER BUILDING DOORS OR VAULT HATCHES ARE OPENED. HS-43 DISABLES HORN ONLY.

- NOTES:**
- 1. SEE SS17 FOR LEGEND AND ABBREVIATIONS.
 - 2. ALL EQUIPMENT NUMBERS AND INSTRUMENT LOOP NUMBERS HAVE A PREFIX NUMBER THAT IS ASSIGNED BY THE CITY OF BONNEY LAKE EG P-01= P-XX01 WHERE XX IS THE PREFIX.

Approved: *[Signature]* October 31, 2007
 City Engineer Date
 SANITARY SEWER STANDARD DETAIL



Dwg No: **SS16**
3 PUMP SS LIFT STATION SCHEMATIC