



**INTERLOCK NOTES:**

- 1-1 PUMP FAILURE ALARM WHEN PUMP IS RUNNING AND CHECK VALVE IS CLOSED FOR MORE THAN 10 SECONDS.
- 1-2 PUMP CONTROL-FILL AND DRAW WITH PUMPS OPERATING IN LEAD-LAG MODE. HS-10 SELECTS BETWEEN "ALT", "PUMP 1" OR "PUMP 2". WHEN "ALT" IS SELECTED, LEAD AND LAG PUMPS ARE SWITCHED EACH PUMP CYCLE. NORMALLY ONLY ONE PUMP OPERATES AT A TIME.
- 1-3 PUMP STATION COMMON TROUBLE ALARM. TURNS ON OUTSIDE STROBE LIGHT FOR ALL PUMP STATION ALARMS INCLUDING INTRUSION.
- 1-4 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]* March 16, 2018  
 City Engineer Date  
 SANITARY SEWER STANDARD DETAIL



Dwg No: **SS15**  
**SS LIFT STATION CONTROL DIAGRAM**