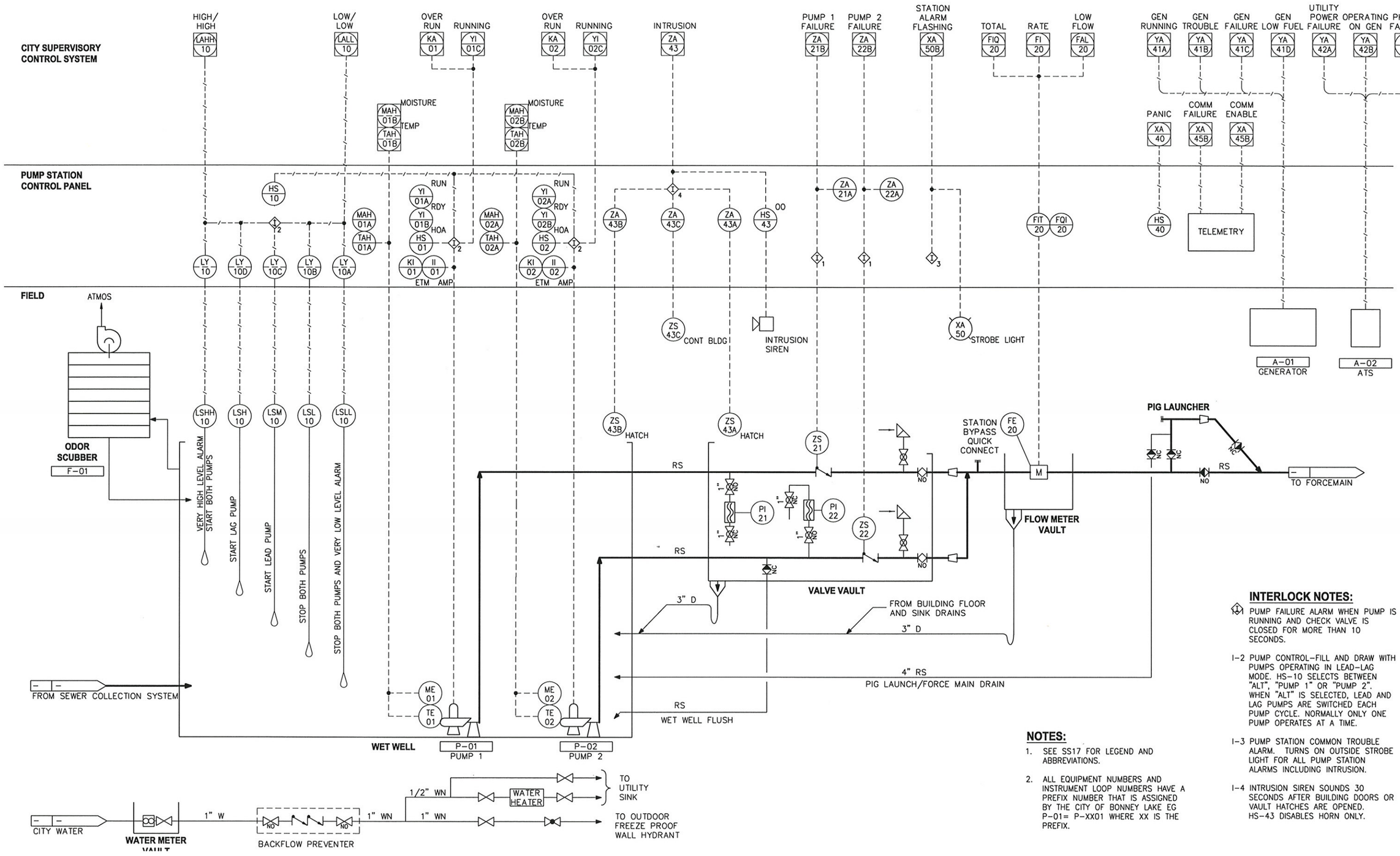

INTERLOCK NOTES:

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:

October 31, 2007

City Engineer — Date

SANITARY SEWER STANDARD DETAIL

City of BONNEY Lake

Dwg No: SS15

2 PUMP SS LIFT STATION SCHEMATIC