

DRAWING NOTES:

NOTE 1 - LOCATE DP TRANSMITTER AT THE MOST HYDRONICLY REMOTE POINT IN A SYSTEM; ON MAINS AS DIRECTED. ALSO, SEE DETAILS 23 09 13-01; 23 21 00-01

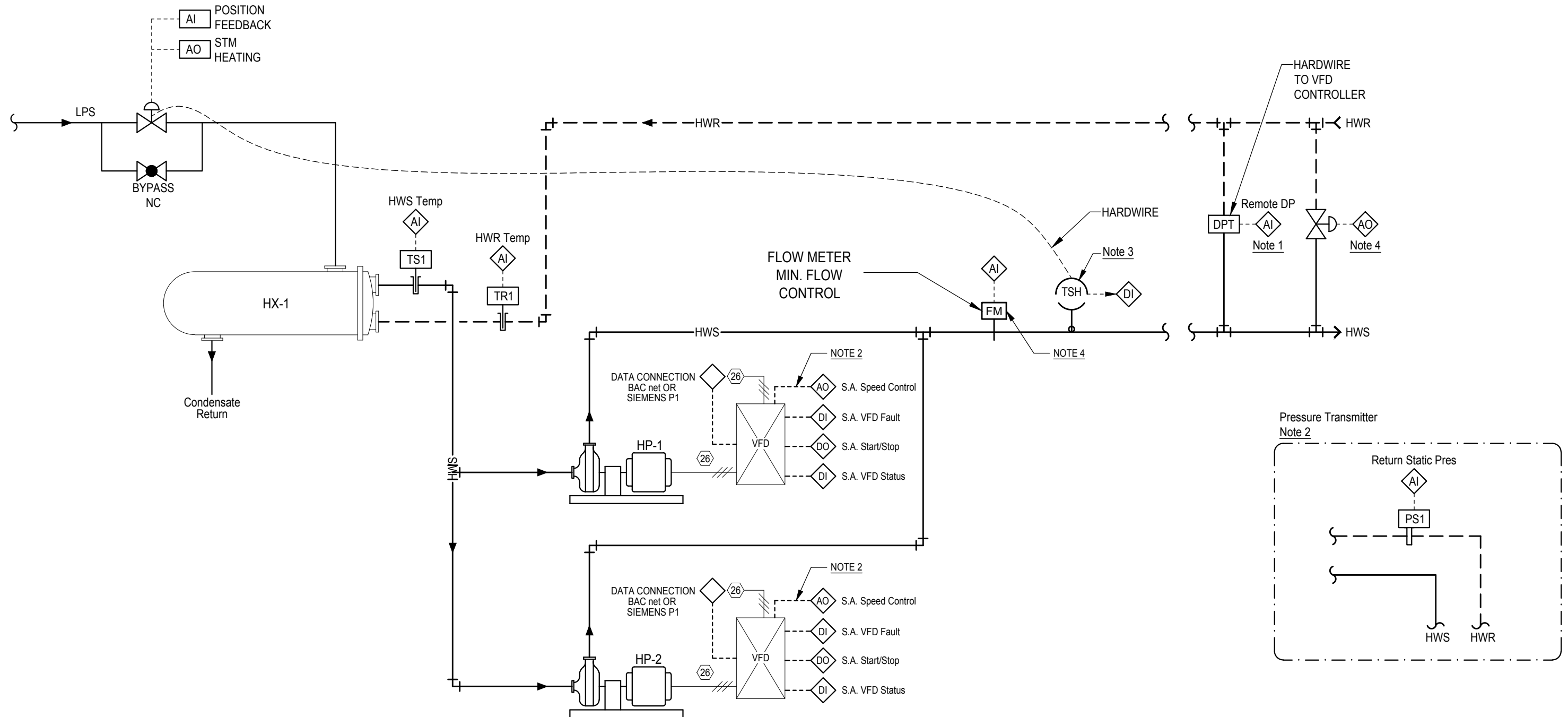
NOTE 2 - LOCATE STATIC PRESSURE SENSOR IN RETURN PIPING AT HIGHEST POINT IN SYSTEM. ALSO, SEE DETAILS 23 09 13-01; 23 21 00-01

NOTE 3 - ADD HIGH TEMPERATURE ALARMING SEQUENCE IN A PROGRAMMING SOFTWARE. HIGH TEMPERATURE ALARM SET POINT SHALL BE 10% ABOVE OPERATING TEMPERATURE SET POINT.

NOTE 4 - PROVIDE PRESSURE INDEPENDENT MIN. RECIR AUTOMATED BY-PASS CONTROL VALVE AND A FLOW METER FOR MIN. BY-PASS SYSTEM FLOW CONTROL. NOTE TO AE: (FLOW METER OPTIONAL FOR SMALL SYSTEMS).

GENERAL NOTES:

1. GOLD CONTACT RELAYS SHALL BE USED FOR ALL DIGITAL INPUT POINTS.
2. PILOT RELAYS SHALL BE USED FOR ALL DIGITAL OUTPUT POINTS.
3. OPTICAL ISOLATION (ISOVERTERS) SHALL BE USED FOR ALL ANALOG INPUT POINTS AND ANALOG OUTPUT POINTS TO VFD'S OR ANY OTHER CONTROLLER/ANALYZER POWERED FROM A SEPARATE CIRCUIT.



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STEAM TO HOT WATER HEAT EXCHANGER HW SYSTEM CONTROLS