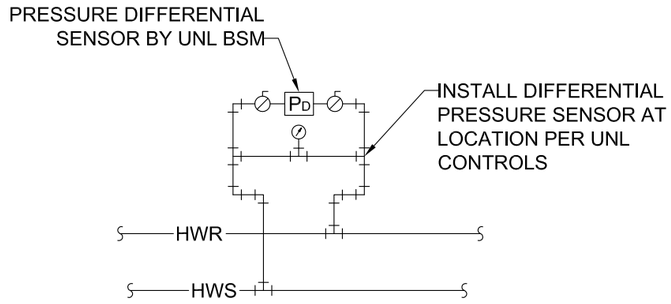
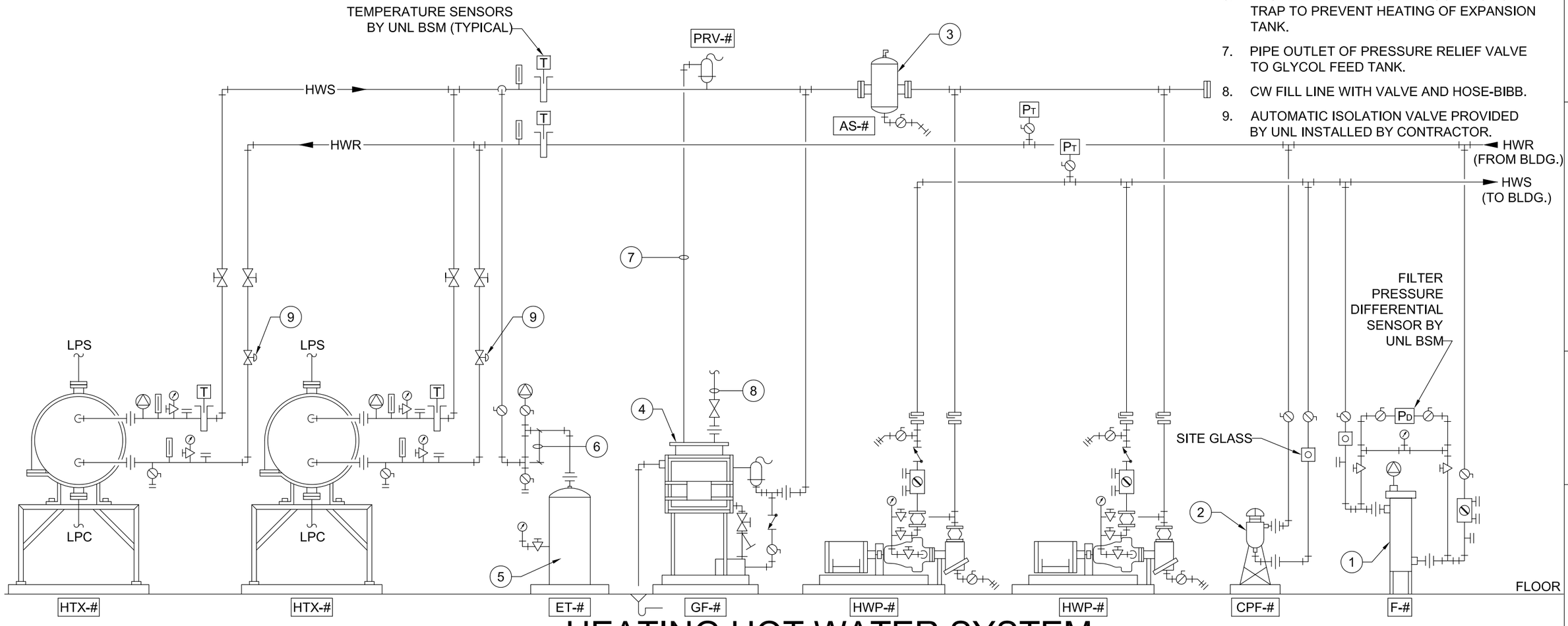


HEATING HOT WATER
SYSTEM REMOTE SENSING

KEY NOTES

1. SIDE STREAM BAG FILTER WITH BOLT-ON TOP, SIDE INLET, BOTTOM OUTLET, 30 MICRON SIZE BAGS. FILTER FLOW RATE SHALL BE SIZED BASE ON EIGHT (8) WATER SYSTEM VOLUME CHANGES PER DAY.
2. CHEMICAL POT FEEDER.
3. AIR/DIRT SEPARATOR, LINE SIZE. SPIROTHERM OR APPROVED EQUIVALENT.
4. PACKAGED GLYCOL FEED SYSTEM WITH: MIXING TANK, FEED PUMP, CHECK VALVES, ISOLATION VALVES, PRESSURE RELIEF VALVE, OVERFLOW CONNECTION, MANUAL CONTROLS.
5. BLADDER TYPE EXPANSION TANK.
6. PROVIDE 12" MINIMUM ANTI-CONVECTION TRAP TO PREVENT HEATING OF EXPANSION TANK.
7. PIPE OUTLET OF PRESSURE RELIEF VALVE TO GLYCOL FEED TANK.
8. CW FILL LINE WITH VALVE AND HOSE-BIBB.
9. AUTOMATIC ISOLATION VALVE PROVIDED BY UNL INSTALLED BY CONTRACTOR.



HEATING HOT WATER SYSTEM PIPING SCHEMATIC

1 / A1.01 SCALE: NO SCALE

University of Nebraska Lincoln

Facilities Planning & Construction
Standard Detail

Detail No.: 23 21 00 - 02
Scale: N.T.S.
Date: JULY 2014

Detail Title: HEATING HOT WATER SYSTEM PIPING SCHEMATIC