



## # KEY NOTES

1. INSTALL COIL TAKEOFFS FROM MAIN AT TOP OF PIPE.
2. STRAINER BLOWDOWN CONNECTION. FULL PORT BALL VALVE AND HOSE CONNECTION SAME SIZE AS STRAINER BLOWDOWN PORT.
3. NOTE INDIVIDUAL THERMO-WELLS FOR TEMPERATURE SENSORS ON EACH COIL.
4. MANUAL AIR VENT WITH HOSE ADAPTOR AND CAP.
5. DRAIN VALVE WITH HOSE ADAPTOR AND CAP.
6. FULL LINE SIZE BYPASS WITH CHECK VALVE.
7. FULL LINE SIZE BYPASS WITH CHECK VALVE AROUND PUMP.
8. IN-LINE CIRCULATION PUMP: SIZE FOR DESIGN FLOW RATE OF COIL BANK, PRESSURE DROP THROUGH COIL & BYPASS CIRCUIT.
9. CONTROL VALVE PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
10. CALIBRATED BALANCE VALVE. ONE PER COIL SECTION.

# PUMPED PRE HEAT WATER COIL PIPING SCHEMATIC

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A1.01

SCALE: NO SCALE

Detail Title:

PUMPED PRE HEAT WATER  
COIL PIPING SCHEMATIC

Detail No.:

23 21 02 - 01

Scale:

N.T.S.

Date:

JULY 2014

Facilities Planning & Construction  
Standard Detail

UNIVERSITY OF  
**Nebraska**  
Lincoln