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. FULL PORT BALL VALVE. ONE PER COIL SECTION.

PUMPED PRE HEAT WATER COIL PIPING SCHEMATIC

1
M1.01

SCALE: NO SCALE

Detail Title:	Detail No.: 23 21 02 - 01	Facilities, Planning & Capital Programs Standard Detail	UNIVERSITY OF Nebraska
PUMPED PRE HEAT WATER COIL PIPING SCHEMATIC	Scale: N.T.S.		
	Date: July 2023		