



### NOTE:

1. THIS DETAIL TO BE USED ON AIR HANDLING UNIT CHILLED WATER AND REHEAT COILS.

### # KEY NOTES

1. INSTALL COIL TAKEOFFS FROM MAIN AT OF PIPE.
2. BACKFLUSH CONNECTION. PROVIDE 2" FULL PORT BALL VALVE AND FIRE HOSE CONNECTION. OMIT BACKFLUSH CONNECTION ON HEATING HOT WATER (HHW) COILS.
3. STRAINER BLOW DOWN CONNECTION. FULL PORT BALL VALVE AND HOSE CONNECTION SAME SIZE AS STRAINER BLOWDOWN PORT.
4. NOTE INDIVIDUAL THERMO-WELLS FOR TEMPERATURE SENSORS ON EACH COIL.
5. PRESSURE INDEPENDENT CONTROL VALVE PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
6. CALIBRATED BALANCE VALVE. ONE PER COIL SECTION (MULTIPLE COILS ONLY).
7. TEMPERATURE SENSORS AND THERMO-WELL PROVIDED BY UNL, INSTALLED BY CONTRACTOR (TYP.).

## AIR HANDLING UNIT HYDRONIC COIL PIPING SCHEMATIC

1  
A1.01

SCALE: NO SCALE

Detail Title:	Detail No.: 23 21 00 - 01	Facilities Planning & Construction Standard Detail	UNIVERSITY OF <b>Nebraska</b> Lincoln
HYDRONIC WATER COIL PIPING SCHEMATIC	Scale: N.T.S.		
	Date: JULY 2014		