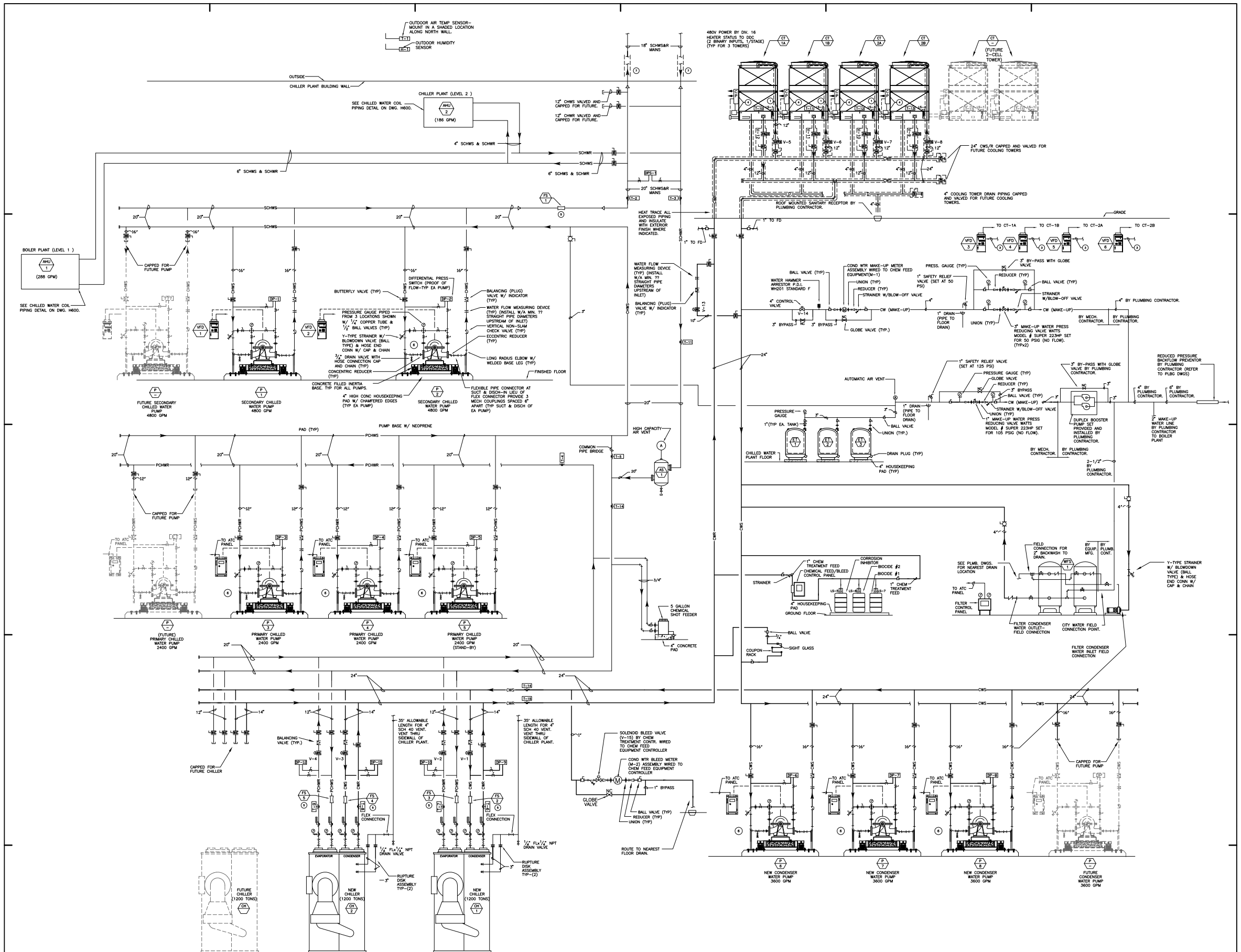


General Notes:

REFER TO H-507 FOR POINT SCHEDULE AND SEQUENCE OF OPERATION.

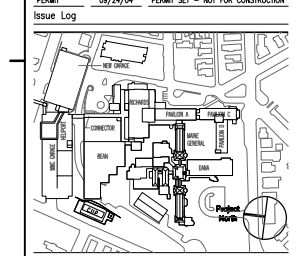
KEYED NOTES:

1. FLUME BOX WITH REMOVABLE BOLTED, GASKETED PLATE FOR SUMP ISOLATION. PLATES TO BE STORED BY OWNER.
2. HEAT TRACE AND INSULATE EXTERNAL LEVEL SENSOR HOUSING.
3. WIRE INTERLOCK FROM COOLING TOWER VIBRATION SWITCH TO VFD STOP TERMINALS.
4. CONTACTOR PANEL AND TEMP./LEVEL SWITCH BY TOWER MFR.
5. PROVIDE ADEQUATE CLEAR STRAIGHT DISTANCE UPSTREAM OF EACH FLOW SENSOR PER MANUFACTURER'S INSTRUCTIONS. MINIMUM OF 5 PIPE DIAMETERS UPSTREAM AND 3 DIAMETERS DOWNSTREAM.
6. PROVIDE SUCTION DIFFUSERS FOR ALL PUMP INLETS UNLESS MANUFACTURE'S REQUIREMENTS CAN BE MET WITH LONG SWEEP ELBOWS IN THE PIPING. TYPICAL FOR 10 PUMPS.
7. HEAT TRACE ALL EXTERIOR CHILLED WATER SUPPLY AND RETURN PIPING. REFER TO SITE PLAN FOR CHILLED WATER ROUTING.

MARK	ISSUE DATE	DESCRIPTION
PERMIT	09/24/04	PERMIT SET – NOT FOR CONSTRUCTION

FOR PERMIT ONLY – NOT FOR CONSTRUCTION

Issue Log



Key Plan

TRO
Architecture
Planning
Engineering
Interior Design
The Ritchie Organization
80 Bridge Street
Newton, MA 02465-1194
617-969-9400

Maine Medical Center
Central Utility Plant
Portland, Maine

Drawing Title
MECHANICAL-CENTRAL UTILITY PLANT CHILLED WATER SYSTEM SCHEMATIC

0" 0 0 0 0

Commission No.	4677	Date Issued	
Scale	NTS	Sheet Number	
Drawn By	MC		
Approved By	MC		
Filename	4677M500		

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