



See Part 4 Section 5.1
for DCS Information

See Part 4 Section 5.2 for
DCS Integration Information

See Part 4 Section 5.4
for Space Cooling
System Information

Example of how a chilled beam
might be supplied, either by the
return from an AHU or from the
common flow

- LEGEND**
- DIFFERENTIAL PRESSURE CONTROL VALVE
 - CONTROL VALVE
 - BALANCING VALVE WITH ORIFICE PLATE
 - ISOLATION VALVE
 - CAPPED OFF VALVE
 - NON RETURN VALVE
 - PUMP
 - STRAINER
 - WATER FLOW METER
 - TEMPERATURE TRANSMITTER
 - TEMPERATURE INDICATOR
 - PRESSURE TRANSMITTER
 - PRESSURE INDICATOR
 - DIFFERENTIAL PRESSURE SENSOR
 - PLATE HEAT EXCHANGER
 - HEAT EXCHANGER
 - ENERGY METER
 - FLOW DIRECTION ARROW
 - THERMOSTAT
 - ROOM THERMOSTAT
 - DIRT & AIR SEPARATOR
 - EXPANSION VESSEL
 - WATER SOFTNER
 - DOSING POT
 - DE-GASSING PRESSURISATION UNIT
 - DP PRESSURE TRANSMITTER
 - TREND PRODUCTS
 - ① TREND TB/T15+POL/5916
 - ② TREND DPL



Rev	Date	Drawn By	Chk By	Description	Released
R1	FEB 18	RTS			

DATE	REV	BY	CHK	DESCRIPTION
FEB 2016		RTS		CHW Schematic
FEB 2016		RTS		CHW Schematic

PROJECT	DESIGN	DATE	BY
CHW Schematic	Design Guide		

DATE	REV	BY	CHK	DESCRIPTION
FEB 2016		RTS		CHW Schematic
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