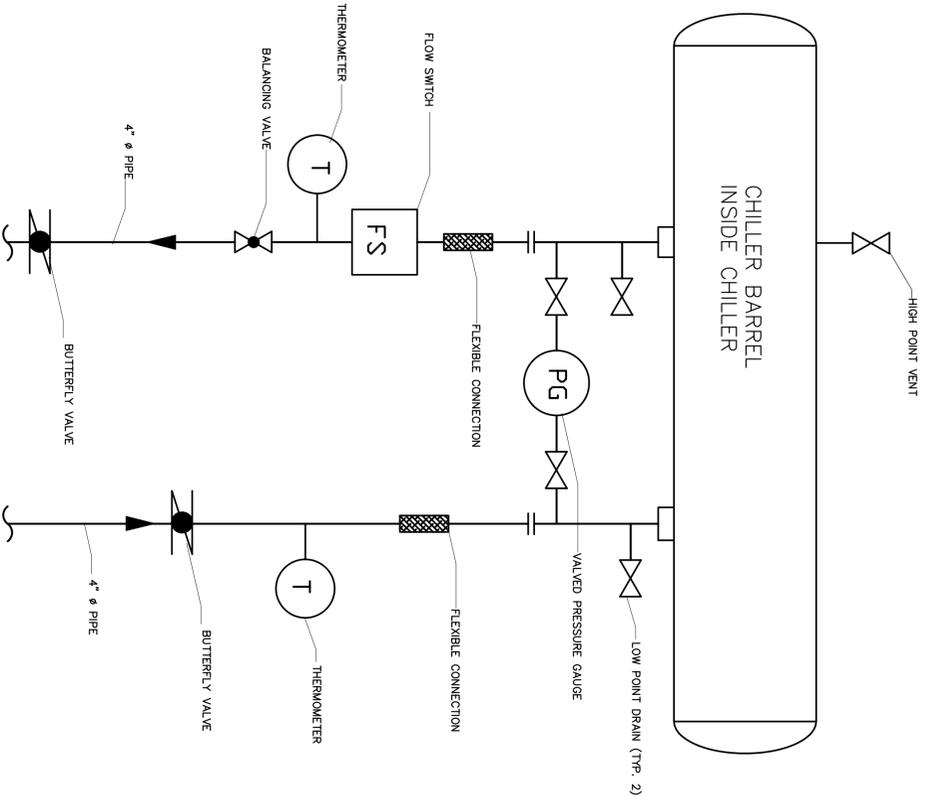
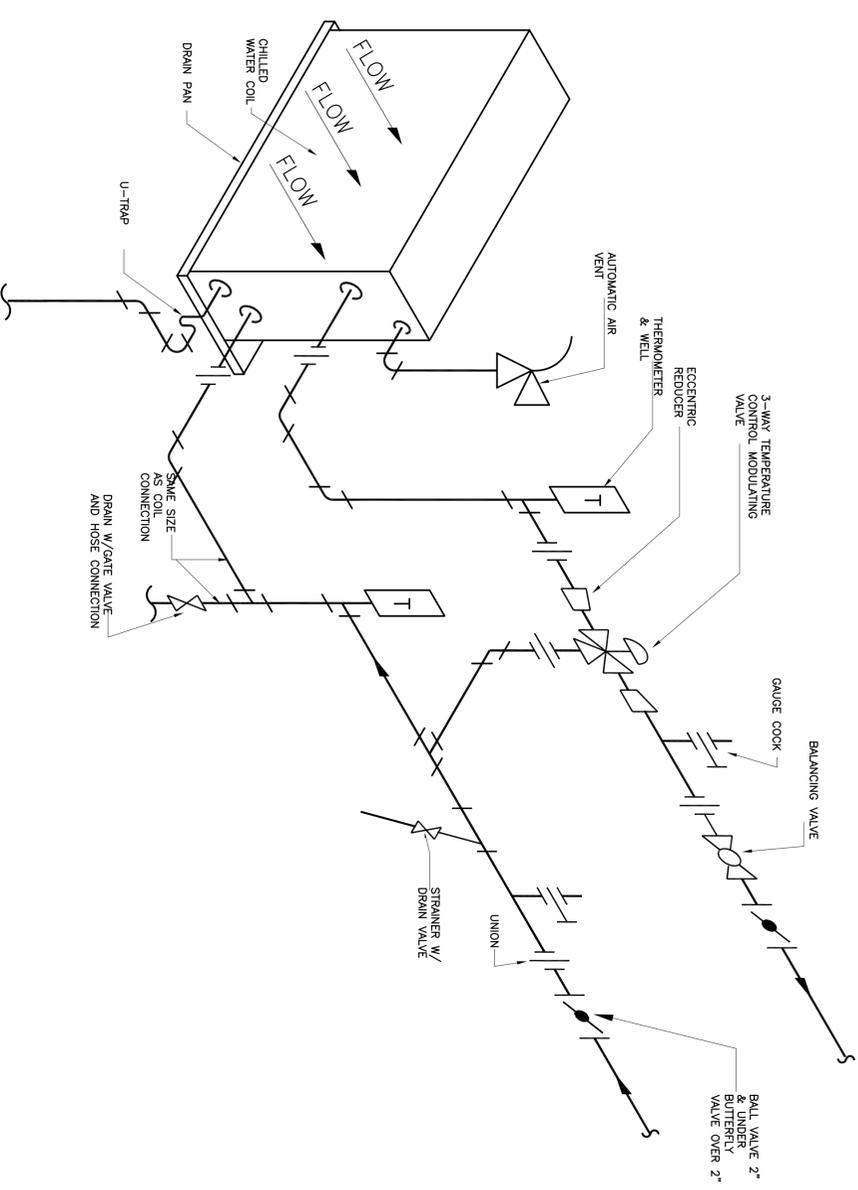


AIR SEPARATOR PIPING DETAIL

EXPANSION TANK PIPING DETAIL



CHILLER PIPING DETAIL



COOLING COIL PIPING DETAIL

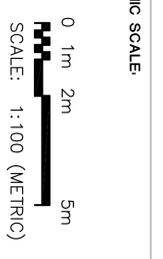
NOTE:
1. ALL VALVES AND PIPING SPECIALTIES SHOWN SHALL BE 4" EXCEPT FOR PRESSURE GAUGE AND THERMOMETERS.

- NOTES:
1. COIL SHALL BE PIPED FOR COUNTERFLOW OPERATION.
 2. USE COIL VENT & DRAIN TAPPINGS WHERE AVAILABLE.
 3. DELETE REDUCERS AT COILS IF COIL CONNECTION IS SAME SIZE AS PIPE.
 4. FOR PIPING $\phi 2"$ AND SMALLER, INSTALL PRESSURE GAUGE TAPS W/ COCKS.
 5. COILS SHALL BE PIPED TO ALLOW EASY REMOVAL.

LEGEND

SYMBOL	DESCRIPTION
	DIRECTION OF FLOW
	DIRECTION OF PITCH
	ECCENTRIC REDUCER OR INCREASER CONCENTRIC REDUCER OR INCREASER
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	CIRCUIT BALANCING VALVE
	BALL VALVE
	LIFT CHECK VALVE
	SHING CHECK VALVE
	AUTOMATIC CONTROL VALVE (2-WAY)
	AUTOMATIC CONTROL VALVE (3-WAY)
	STRAINER
	PIPE RISING UP
	PIPE DROPPING DOWN
	UNION - SCREWED OR FLANGED
	GAUGE W/ GAUGE COCK AND SNUBBER (WATER)
	THERMOMETER
	AIR SEPARATOR
	FLEXIBLE CONNECTION

AS BUILT
11-03-04



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DATE: 13/7/03	PROJECT: SHORTWAVE EXPANSION PROJECT
PROJ. MANAGER	TITLE: H.V.A.C. STANDARD DETAILS -2
APPROVALS	DWG. No. ABD-AC-02
IOCC No.	SCALE: NTS SHEET OF MO6
TASK No.	CAD DESIGN FILE NAME
PROJ. No. 03NOC080	CAD FILE: F:\AOMCAD05\VOFA\AC-02
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