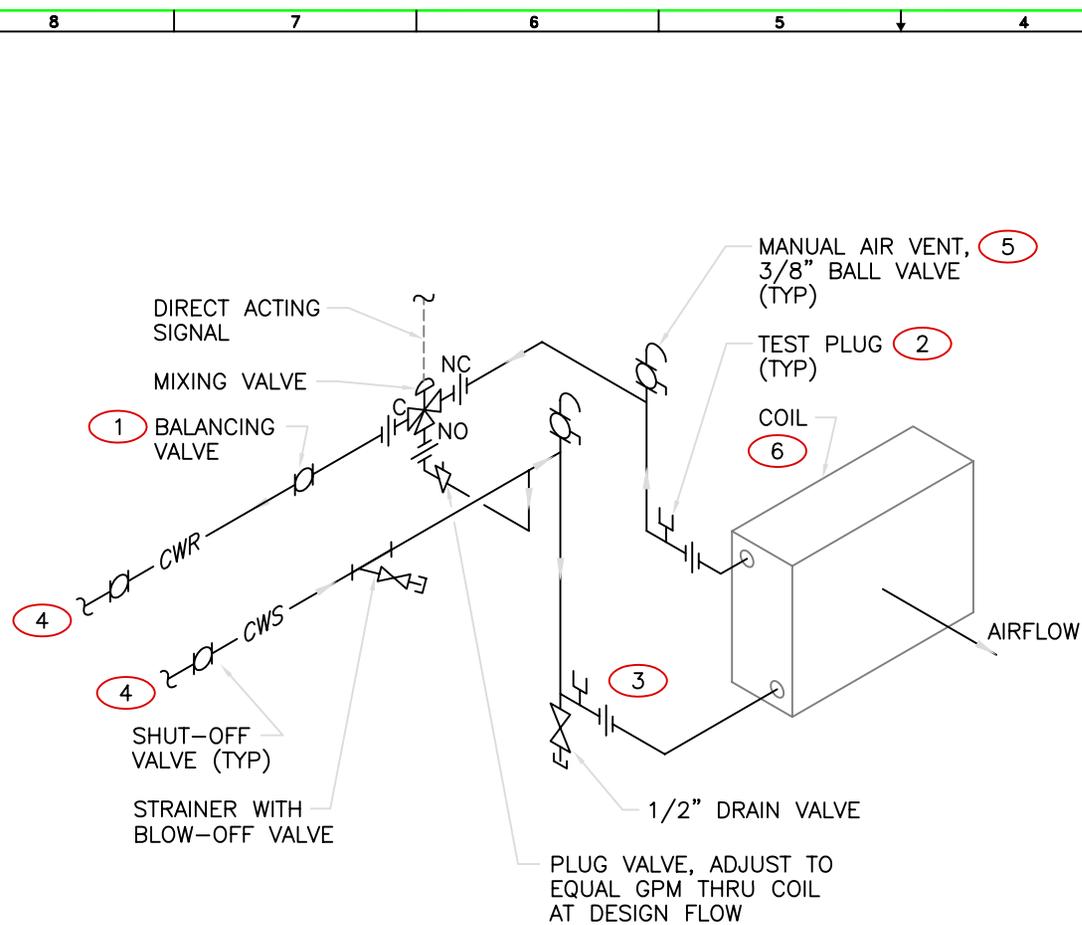


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KEYED NOTES:

- 1 INSTALL BALANCING VALVE WITH MINIMUM OF 3 STRAIGHT PIPE DIAMETERS UPSTREAM AND 1 STRAIGHT PIPE DIAMETER DOWNSTREAM.
- 2 MAINTAIN 6" MINIMUM CLEARANCE ABOVE TEST PLUG TO ALLOW GAUGE TO BE INSERTED. DO NOT COVER PLUG WITH INSULATION.
- 3 INSTALL SWING JOINTS AT COIL CONNECTIONS.
- 4 CONNECT BRANCH LINES FROM COIL INTO TOP OR SIDE OF SUPPLY AND RETURN MAINS. CONNECTING INTO BOTTOM OF MAIN IS NOT ACCEPTABLE.
- 5 INSTALL MANUAL AIR VENTS IN SUPPLY AND RETURN COIL BRANCH PIPING AS FOLLOWS:
 A) IN PIPING HIGH POINT WHEN PIPING IS ABOVE MAIN.
 B) CLOSE TO COIL WHEN PIPING IS NOT ABOVE MAIN (SIDE CONNECTION).
- 6 INSTALL COIL SO AIR PASSES THROUGH FINS IN PROPER DIRECTION NOTED ON COIL.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

CHILLED WATER COIL PIPING DETAIL
 (VARIABLE FLOW THROUGH COIL, FAIL TO NO COOLING)
 SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 10 FOR STACKED COIL PIPING.
2. SEE SHEET 11 FOR DESIGN NOTES.

NO	DATE	CLASS	REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
1	8-14-03	U			REVISED TO COMPLY WITH DRAWING MANUAL, ADDED STRAINER & KEYED NOTE 6 & DWG NO. WAS ST6121.		RP	AB	JM	GG TO

ENGINEERING STANDARDS PROGRAM

ENGINEERING STANDARDS MANUAL		DRAWN	R.PEARSON
		DESIGN	A.BRIDGE
		CHECKED	G.GRENAL
		DATE	8-28-99
BLDG X	TA-X		
SUBMITTED		APPROVED FOR RELEASE	
DISCIPLINE POC: GURINDER GREWAL		STANDARDS MANAGER: TOBIN ORUCH	
		SHEET	1
		OF	11
		PO Box 1663 Los Alamos, New Mexico 87545	
CLASSIFICATION: U	REVIEWER: LARRY BAYS	DATE:	
PROJECT ID	DRAWING NO	REV	
CHAPTER 6		ST-D30GEN-2	
		REV	1