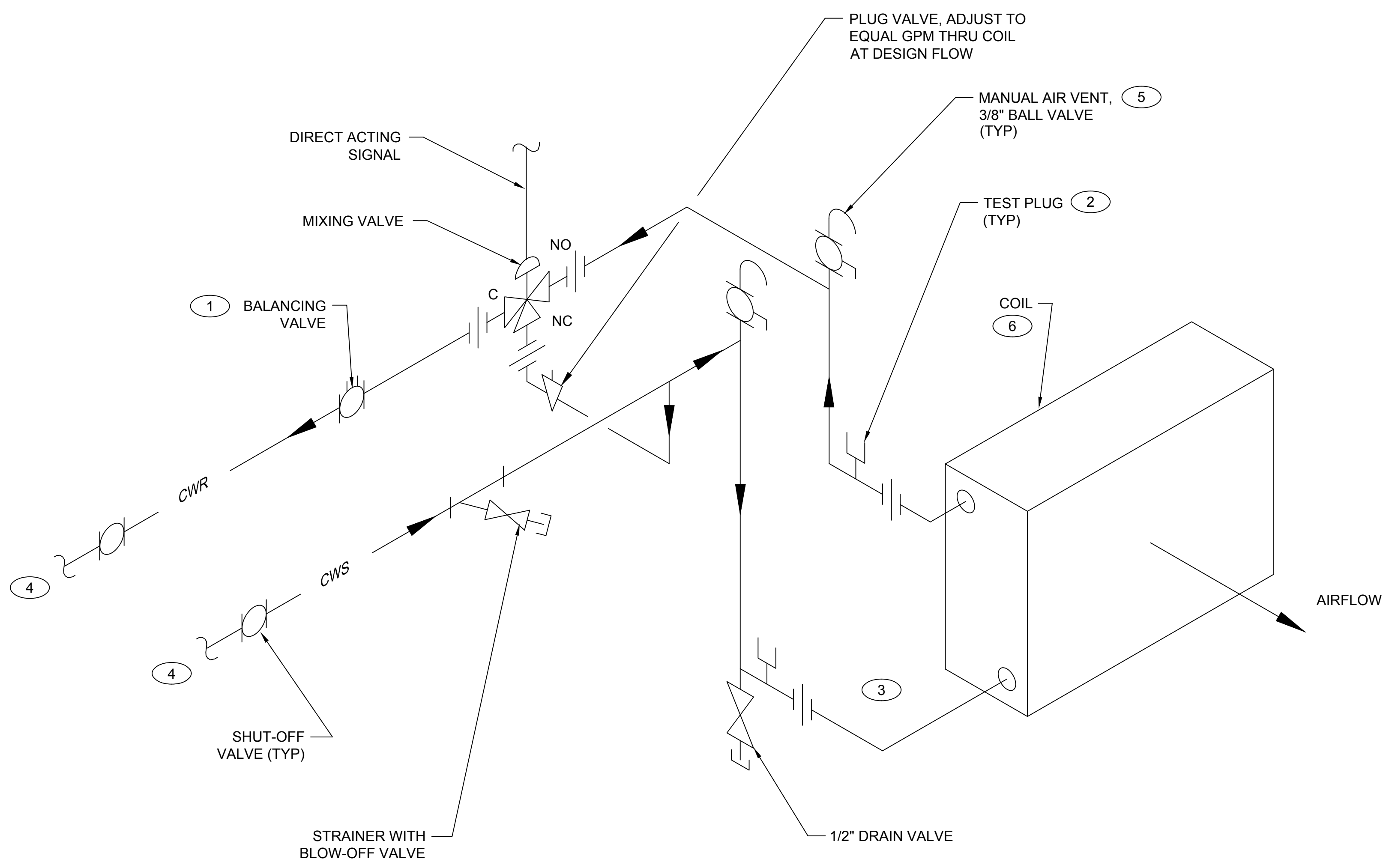


D
C
B
A



- 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).

HOT WATER COIL PIPING DETAIL (VARIABLE FLOW THROUGH COIL, FAIL TO FULL HEAT)
SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)
1. SEE SHEET 9 FOR STACKED COIL PIPING & ADDITIONAL DESIGN NOTES.

2	06-08-2017	UNCLASS	TO	ADMIN. CHANGES TO CAD STD. REV#5 FORMAT & SHEET NUMBER WAS 5 OF 11.	JB	AJ	ML	ML	TO
1	08-14-2003	U	LB	REVISED TO COMPLY WITH DRAFTING MANUAL. ADDED STRAINER & KEYED NOTE 6 & DRAWING NO. WAS ST6121.	RP	AB	JM	GG	TO
NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP

ENGINEERING STANDARDS

MECHANICAL

DRAWN	R. PEARSON
DESIGN	A. BRIDGE
CHECKED	G. GREWAL
DATE	6-28-99

TA- XX BLDG XX

SUBMITTED DISCIPLINE POC: GURINDER GREWAL APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH

5

5 OF **9**

D.C.: U REVIEWER: LARRY BAYS DATE: 6-28-99

PROJECT ID: **CHAPTER 6** DRAWING NO: **ST-D30GEN-2** REV: **2**

00% REVIEW
NOT FOR CONSTRUCTION