

**KEYED NOTES:**

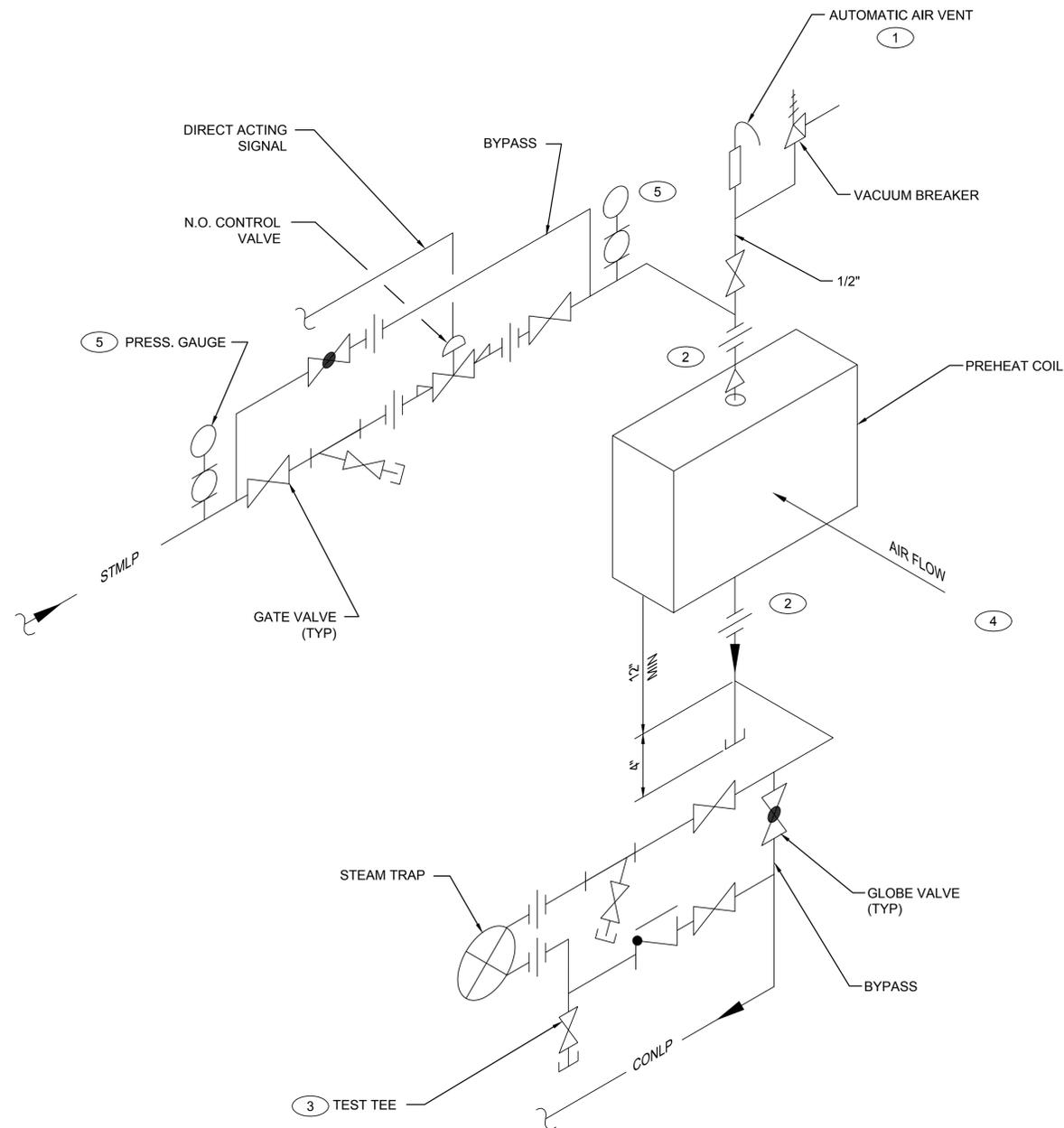
- ① LOCATE AIR VENT AND VACUUM BREAKER IN TOP SIDE OF COIL AT FURTHEST POINT FROM STEAM INLET. IF THIS IS NOT POSSIBLE, LOCATE DOWNSTREAM OF CONTROL VALVE IN PIPING HIGH POINT.
- ② INSTALL SWING JOINTS AT COIL CONNECTIONS.
- ③ PROVIDE 1/2" VALVE IN BOTTOM OF CONDENSATE LINE.
- ④ INSTALL COIL SO AIR PASSES THROUGH FINS IN PROPER DIRECTION - NOTES ON COIL.
- ⑤ ON STEAM SERVICES, PROTECT THE PRESSURE GAUGE WITH A PIGTAIL SIPHON.

**NOTES FOR DESIGNER:**

(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

- 1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM MECHANICAL POC.
- 2. FOLLOW COIL AND CONTROL VALVE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- 3. DO NOT MODULATE STEAM FLOW ON COILS EXPOSED TO FREEZING AIR.
- 4. SIZE CONDENSATE BRANCH LINE NO SMALLER THAN THE TRAP INLET. MINIMUM TRAP SIZE IS 3/4".

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).



**STEAM COIL PIPING DETAIL** (ON/OFF FLOW THROUGH PREHEAT COIL)  
SCALE: NONE

2	06-08-2017	UNCLASS	TO	ADMIN. CHANGES TO CAD STD. REV#5 FORMAT & SHEET # WAS 2 OF 4.	JB	AJ	ML	ML	TO
1	08-13-2003	U		REVISED KEY NOTES. DWG NO. WAS ST6200	RP	RF	JM	GG	TO
NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP

**ENGINEERING STANDARDS**

<b>MECHANICAL</b>				DRAWN	R. PEARSON
<b>STEAM COIL PIPING DETAIL ON/OFF FLOW THROUGH PREHEAT COIL</b>				DESIGN	R. FROST
				CHECKED	C. DuPRE
TA- XX				DATE	6-28-99
SUBMITTED DISCIPLINE POC: GURINDER GREWALD				APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH	
Los Alamos NATIONAL LABORATORY				SHEET <b>2</b>	
PO Box 1663, Los Alamos, New Mexico 87545				<b>2</b> OF <b>2</b>	
D.C.: U		REVIEWER: LARRY BAYS		DATE: 6-28-99	
PROJECT ID		DRAWING NO		REV	
<b>CHAPTER 6</b>		<b>ST-D30GEN-3</b>		<b>2</b>	

00% REVIEW  
NOT FOR CONSTRUCTION