



KEYED NOTES:

- 1 INSTALL SWING JOINTS AT HEATER CONNECTIONS.
- 2 PROVIDE 1/2" VALVE IN BOTTOM OF CONDENSATE LINE.
- 3 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.
- 4 ON STEAM SERVICES, PROTECT THE PRESSURE GAUGE WITH A PIGTAL SIPHON.

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 UNIT HEATER PIPING DETAIL

SCALE: NONE

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

- 1. SEE SHEET 2.

1	8-13-03	U		REVISED TO COMPLY WITH DRAFTING MANUAL. DWG NO. WAS ST8201.	RP	RF	JM	GD	TO
NO	DATE	CLASS	REV	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
ENGINEERING STANDARDS PROGRAM									
ENGINEERING STANDARDS MANUAL								DRAWN	R.PEARSON
STEAM UNIT HEATER PIPING DETAIL								DESIGN	R.FROST
BLDG X								CHECKED	C.DUPRE
SUBMITTED								DATE	0-28-99
DISCIPLINE POC: GURINDER GREWAL					APPROVED FOR RELEASE				
STANDARDS MANAGER: TOBIN ORUCH					DATE				
Los Alamos NATIONAL LABORATORY								SHEET	
CLASSIFICATION: U								1	
PROJECT ID								2	
CHAPTER 6								REV	
ST-D3020-1								1	

© 2003 Los Alamos National Laboratory. All rights reserved. LDR-03-001-001 Rev. 03/03/03