

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

1. REFER TO LANL MASTER SPECIFICATION 22 2113, HYDRONIC PIPING.
2. 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 REQUIRMENTS, CONTACT THE ESM MECHANICAL POC.
3. THE COIL AND CONTROL VALVE MANUFACTURER'S RECOMMENDATION SHOULD BE CONSULTED FOR SPECIFIC REQUIREMENTS.
4. COIL PIPING TO BE INSTALLED COUNTERFLOW. SUPPLY WATER ENTERS COIL ON THE LEAVING AIR SIDE, RETURN WATER LEAVES COIL ON ENTERING AIR SIDE.
5. USE HOT WATER COIL PIPING DETAIL ON SHEET 6 TO ACHIEVE CONSTANT FLOW FOR COILS EXPOSED TO FREEZING AIR.
6. VALVE PORT MARKING ON THE STANDARD DRAWINGS ARE NOTED AS NC (NORMALLY CLOSED), NO (NORMALLY OPEN), AND C (COMMON). THE FOLLOWING TABLE IS A CROSS REFERENCE OF OTHER POSSIBLE PORT MARKINGS.

PORT MARKINGS		
NC	NO	C
A	B	AB (OUTLET)
1	2	3

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

1	8-14-03	U	REVISED TO COMPLY WITH DRAFTING MANUAL. REVISED NOTES FOR DESIGNER AND DWG NO. WAS 578121.	RP	AB	JM	GG	TO	
NO	DATE	CLASS REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
ENGINEERING STANDARDS PROGRAM									
ENGINEERING STANDARDS MANUAL								DRAWN	R.PEARSON
CHILLED/HOT COIL PIPING DETAIL DESIGN NOTES								DESIGN	A.BRIDGE
								CHECKED	G.GREWAL
BLDG X								DATE	6-28-99
								TA-X	
SUBMITTED				APPROVED FOR RELEASE					
DISCIPLINE POC: GURINDER GREWAL				STANDARDS MANAGER: TOBIN ORUCH					
								SHEET	11
								OF	11
CLASSIFICATION: U				REVIEWER: LARRY BAYS		DATE:			
PROJECT ID				DRAWING NO		REV			
CHAPTER 6				ST-D30GEN-2				1	

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