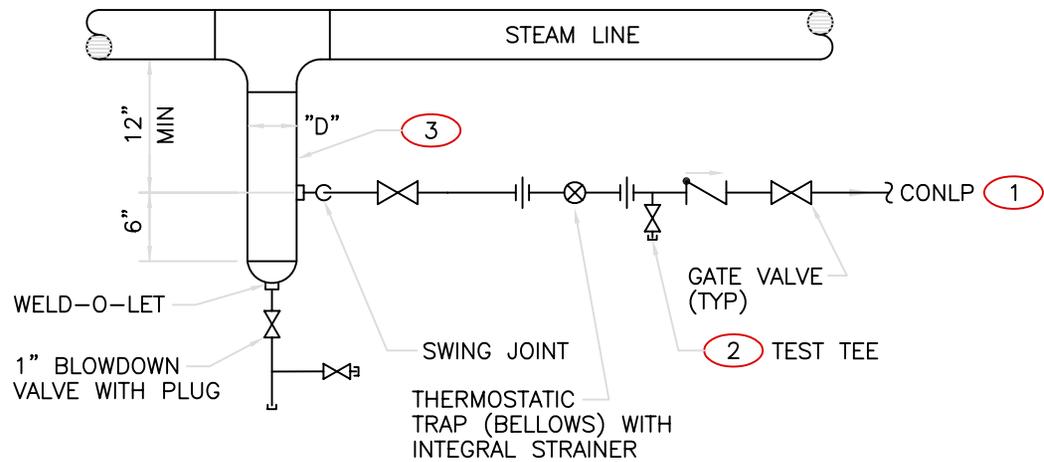


**KEYED NOTES:**

- 1 CONNECT STEAM TRAP CONDENSATE BRANCH LINE INTO TOP OF CONDENSATE MAIN OR AT 45° ANGLE FROM TOP OF MAIN.
- 2 PROVIDE 1/2" VALVE AND PLUG IN BOTTOM OF CONDENSATE LINE.
- 3 PROVIDE DRIP LEG AT BOTTOM OF STEAM LINE AT ALL VERTICAL RISES OR CHANGES IN DIRECTION OF STEAM PIPING.



LINE SIZE	"D" (MIN)
UP TO 4"	LINE SIZE
6"	4"
8"	4"
10"	6"
12"	6"
14"	8"
16"	8"

**STEAM DRIP LEG DETAIL**  
SCALE: NONE

**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 CIVIL POC.
2. SIZE CONDENSATE BRANCH LINE NO SMALLER THAN TRAP INLET.
3. REFER TO LANL MASTER SPECIFICATION 33 6300 FOR SITE PIPING, VALVES, STEAM TRAP, ETC, SPECIFICATIONS.
4. DRIP LEG SHALL BE DESIGNED/LOCATED TO BE READILY ACCESSIBLE FOR MAINTENANCE AND SYSTEM START-UP.

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).

NO	DATE	CLASS REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
2	1-4-06	U	DY	ADDED "WELD-O-LET" AND REVISED BLOWDOWN VALVE WITH PLUG. ADDED "AND SYSTEM START-UP." TO NOTES #4.	RP	MS	MS	EH	TO
1	8-4-05	U	DY	ADDED KEYED NOTE 3 AND "INTEGRAL STRAINER" TO THERMOSTATIC TRAP. REVISED DIVISION LOGO.	RP	MS	JG	EH	TO

**ENGINEERING STANDARDS PROGRAM**

**ENGINEERING STANDARDS MANUAL**

SITE STEAM DRIP LEG DETAIL

BLDG X TA-X DATE 8-23-02

APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

CLASSIFICATION: U PROJECT ID: CHAPTER 3 DRAWING NO: ST-G3040-2

DESIGN: J.GONZALES  
CHECKED: M.SMITHOUR  
DATE: 8-23-02  
SHEET 1 OF 1  
REVIEWER: LARRY BAYS DATE: REV 2