GENERAL NOTES:
1. IF THIS SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.

KEYED NOTES:
1. CONNECT STEAM TRAP CONDENSATE BRANCH LINE INTO TOP OF CONDENSATE MAIN OR AT 45 DEG. 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.

NOTES FOR DESIGNER:  
(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)
1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD 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.

STEAM DRIP LEG DETAIL

THERMOSTATIC TRAP WITH INTEGRAL STRAINER

DATE: 8-23-02

DISCIPLINE POC: E. HOTH
STANDARDS MANAGER: TOBIN ORUCH

ENGINEERING STANDARDS

CIVIL

SITE STEAM DRIP LEG DETAIL

SHT#:

VOL:

SCALE: NONE

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.)

NOTES FOR DESIGNER:

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD 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.

LINE SIZE | "D" (MIN)
----------|--------
UP TO 4"  | 3/4"   
4"        | 1"     
6"        | 1 1/2" |
8"        | 2"     
10"       | 2 1/2" |
12"       | 3"     
14"       | 3 1/2" |
16"       | 4"     

STEAM LINE

GATE VALVE (TYPICAL)

WELD-FLANGE

1" BLOWDOWN VALVE WITH PLUG