STANFORD UNIVERSITY FACILITY OPERATIONS

Drawing Title: STEAM TRAP DETAILS

Scale: NTS  Check:  Rev. By: JEM  Rev. Date: 10/01/01

NOTES:
A. MUDLEGS: FOR 8-INCH AND SMALLER MAIN LINES PROVIDE SAME SIZE MUDLEGS. FOR 10-INCH AND LARGER MAIN LINES PROVIDE MUDLEGS ONE PIPE SIZE SMALLER. LENGTHS ARE SHOWN.
B. MAIN LINE TRAP SIZES: FOR 125 PSIG MAIN LINE SERVICE PROVIDE 3/4-INCH MANIFOLDS WITH DISC TYPE TRAPS. FOR 65 PSIG AND LOWER SUPPLY MAIN SERVICE PROVIDE ONE-INCH TRAP MANIFOLDS WITH CAST IRON INVERTED BUCKET OR FLOAT TYPE TRAPS.
C. EQUIPMENT TRAP SIZES: SIZE TRAP AND MANIFOLD PER THE EQUIPMENT MANUFACTURER'S WRITTEN RECOMMENDATIONS OR FOR THE SPECIFIED STEAM LOAD OF THE EQUIPMENT.
D. PARALLEL TRAP ASSEMBLIES: INSTALL BOTH TRAP ASSEMBLIES IN THE SAME HORIZONTAL PLANE.
E. EQUIPMENT DIRT LEGS: PROVIDE DIRT LEGS AHEAD OF EQUIPMENT TRAP MANIFOLDS AT LEAST ONE PIPE SIZE LARGER THAN THE TRAP SIZE.
F. INSULATION: USE REMOVABLE PIPE WRAP INSULATION BETWEEN TRAP MANIFOLD UNIONS. PROVIDE ONE-INCH THICK INSULATION ON MANIFOLD. TRAP MANIFOLDS TO HAVE SAUSAGE WRAP INSULATION NO CLOSER THAN 2" TO DETAIL #2.
G. PIPE RESTRAINTS.

MATERIALS SCHEDULE: (SEE NOTES B&C FOR SIZES).

1. THREADOLET
2. GATE VALVE - STEEL
3. GATE VALVE - 300# BRONZE
4. STRAINER - STEEL
5. UNION - FORGED STEEL
6. UNION - 300# BRONZE
7. TRAP: FOR 125 PSIG MAIN LINE SERVICE USE DISC TYPE, NICHOLSON OR YARWAY.
8. TRAP: 0 TO 50 PSIG EQUIPMENT SERVICE: INVERTED BUCKET OR FLOAT TYPE, CAST IRON BODY, SIZED FOR EQUIPMENT STEAM LOAD.
9. CHECK VALVE - 300 LB
10. BALL VALVE: VALVE TO HAVE "FOOTBALL" HANDLE.