



CONTROL VALVE STATION SCHEMATIC

NOTES:

1. AIR TUBING: 1/4" O.D. COPPER, ASTM B75 FULLY ANNEALED WITH 0.028" MIN. WALL. BRASS FITTINGS AND VALVES WITH FLARELESS CONNECTIONS.
2. STEAM TUBING: 3/8" O.D. COPPER, ASTM B75 FULLY ANNEALED WITH 0.035" MIN. WALL. BRASS FITTINGS AND VALVES WITH FLARELESS CONNECTIONS.
3. PRESSURE SENSING LOCATIONS SHALL BE LOCATED A MINIMUM OF 5 FEET DOWNSTREAM FROM PRV. LOCATIONS SHALL BE APPROVED BY OWNER.
4. BUTTERFLY VALVE.
5. PROVIDE PIGTAIL SIPHON LOOP FOR ALL PRESSURE SENSING LINES.
6. PRESSURE GAUGE SHALL BE ASHCROFT #45-1279-A-04L-0/30.
7. PRESSURE SENSOR FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.
8. MONITOR PRV FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.
9. CONTROL PRV FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.
10. BYPASS LINE WITH GLOBE VALVE.
11. PROVIDE DRIP LEG WITH TRAP ASSEMBLY AT LOW POINTS.

THIS SCHEMATIC INDICATES THE USE OF MONITOR PRV FOR OVER-PRESSURE PROTECTION. WHERE POSSIBLE, USE A STANDARD STEAM PRV STATION, WITH SAFETY VALVE DOWNSTREAM FROM STEAM PRV VALVE. SAFETY VALVE DISCHARGE SHALL BE OUTDOORS, AT AN APPROVED LOCATION.

SCALE: NO SCALE