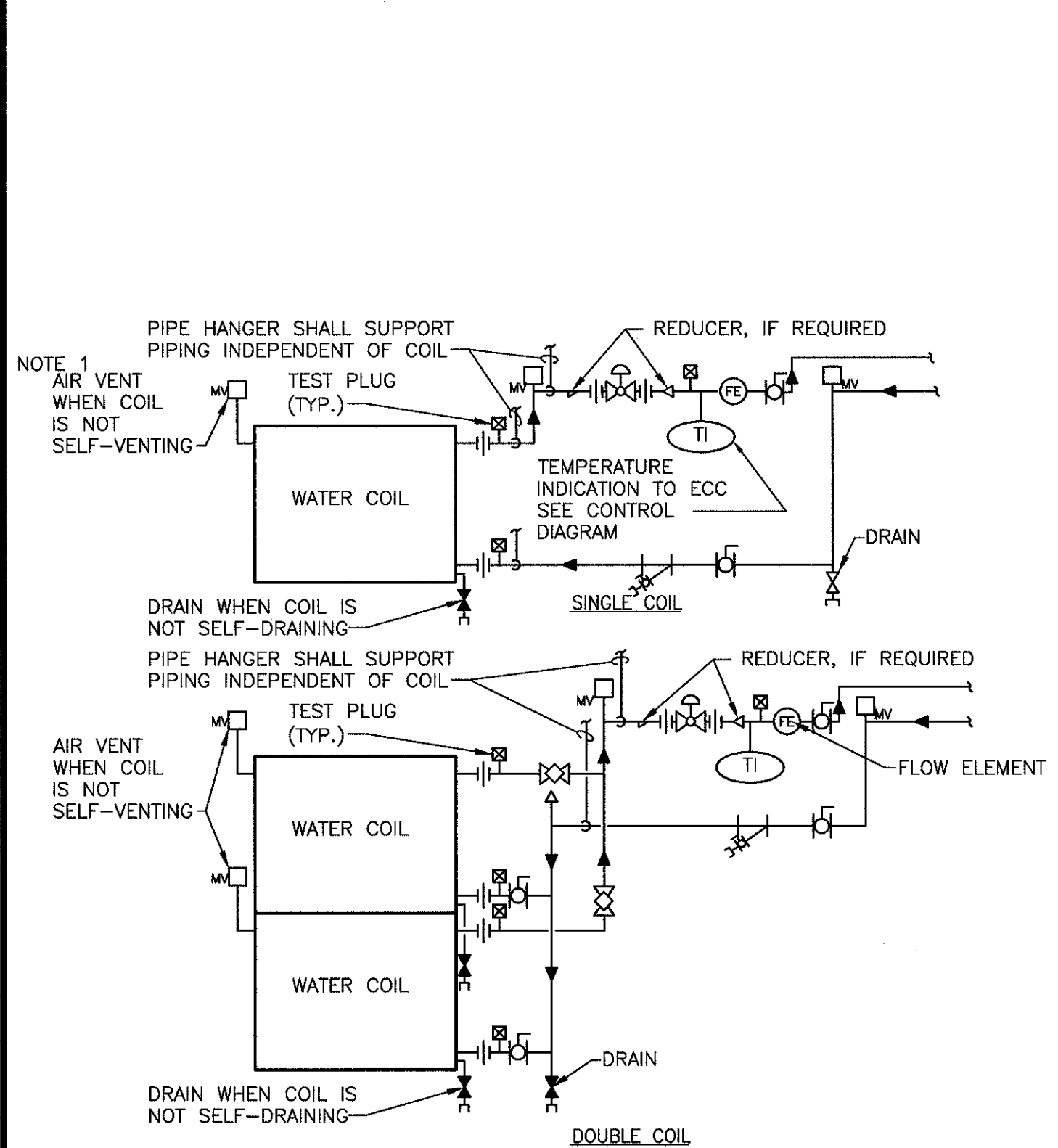
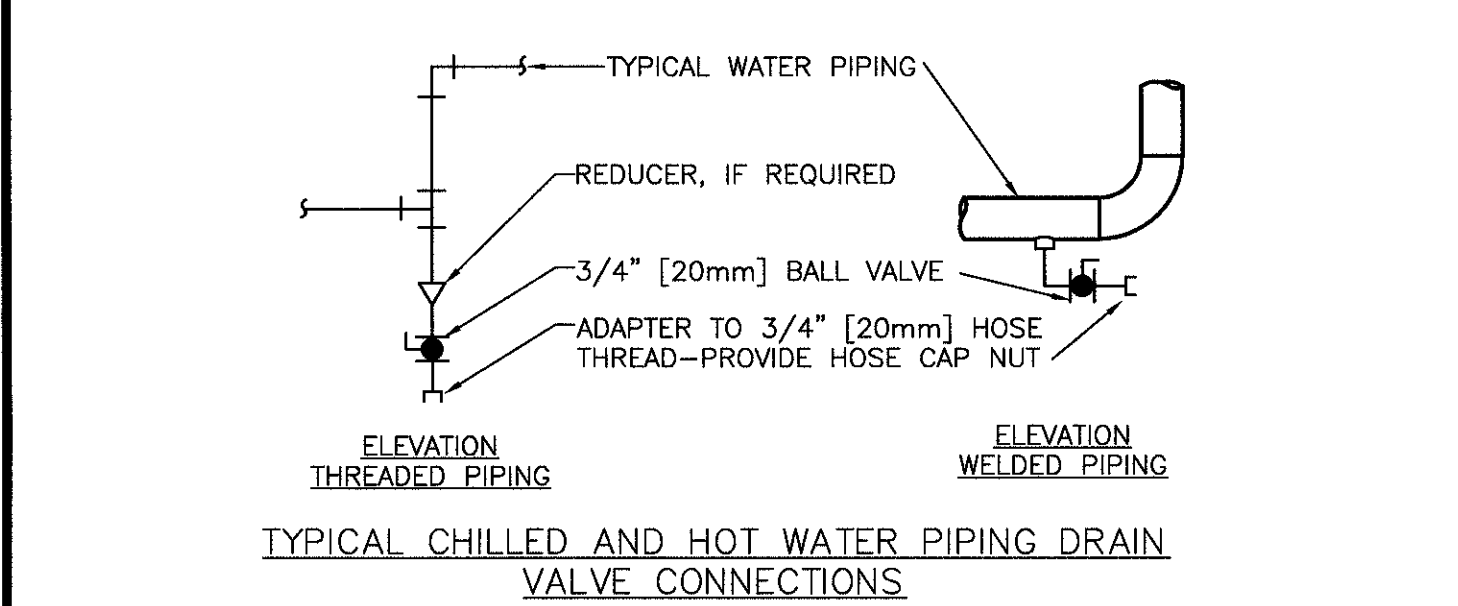


three inches = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

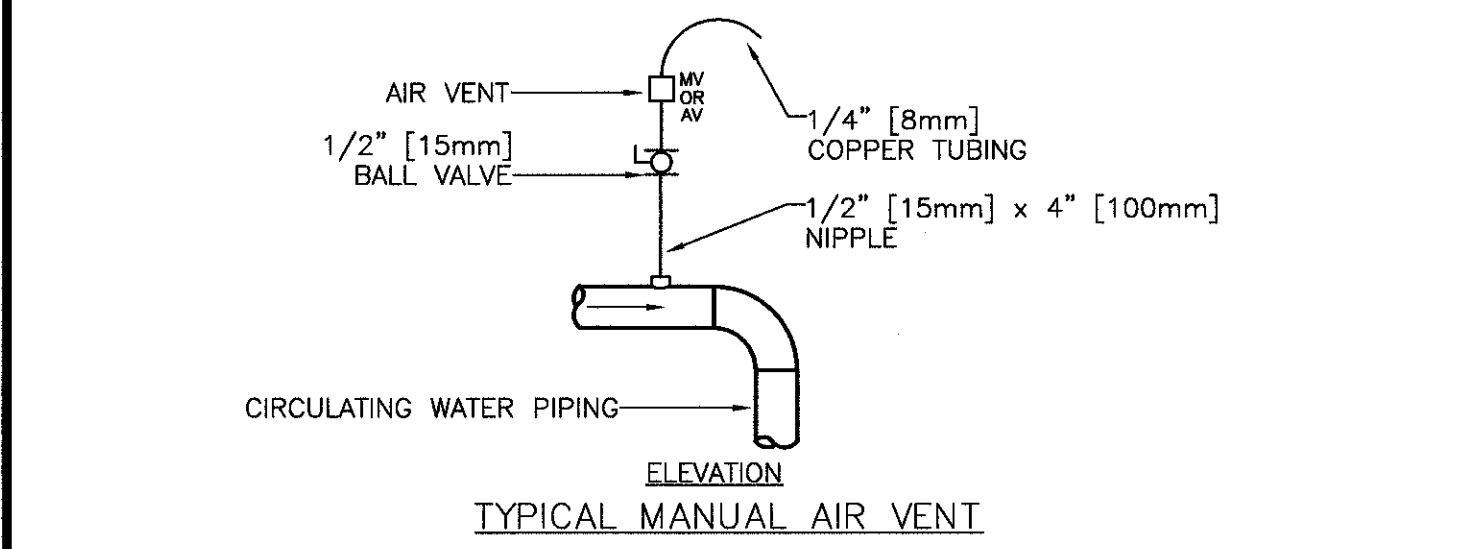


NOTES:
1. WHEN COIL IS INCLUDED IN CASING MOUNTED ON VIBRATION ISOLATORS THE FIRST 2 HANGERS FOR EACH PIPE SHALL BE SPRING & NEOPRENE TYPE. TYPE "H" FOR 4" PIPE & SMALLER, TYPE "H-P" FOR 5" PIPE & LARGER.
2. PIPING SHALL BE INSTALLED IN SUCH MANNER THAT IT WILL NOT BLOCK THE SWING OR USE OF ACCESS DOORS OR PANELS; NEITHER SHALL IT BLOCK THE SERVICING OF FILTERS, VALVES, OR EQUIPMENT.
3. THE FLOW ELEMENT MAY BE INSTALLED IN THE SUPPLY PIPING IF THE REQUIRED MINIMUM UPSTREAM AND DOWNSTREAM DIMENSIONS CANNOT BE OBTAINED IN THE RETURN PIPING.

D1 WATER COILS - PIPING CONNECTIONS
NOT TO SCALE

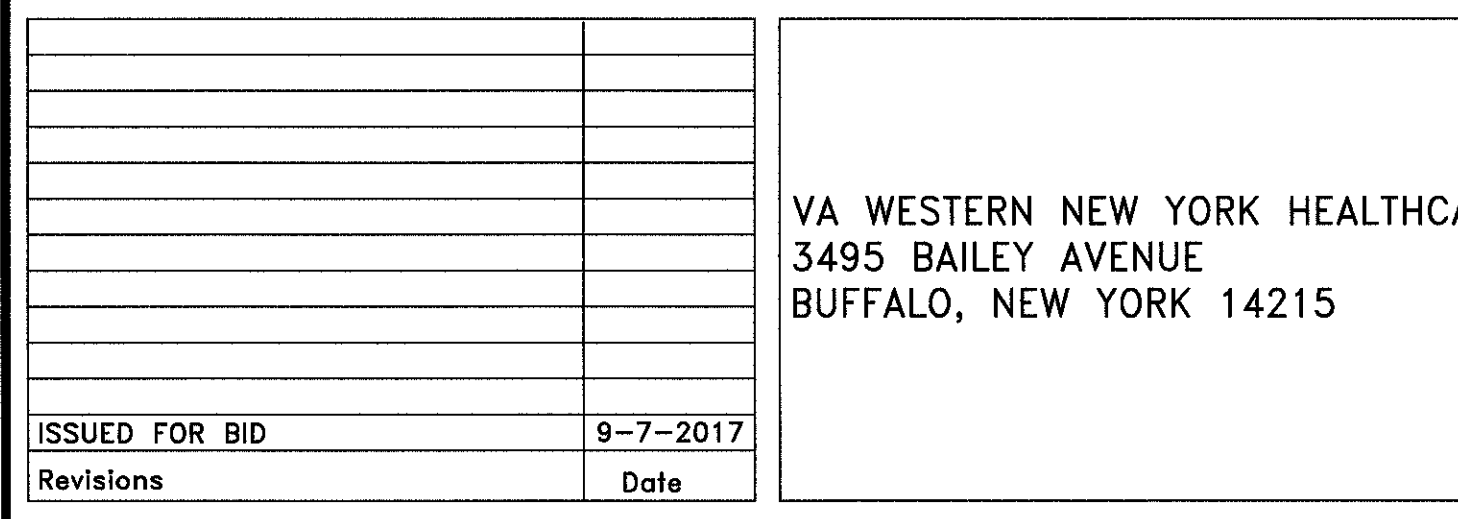


D2 END OF STEAM LINE DRIP TRAP
NOT TO SCALE

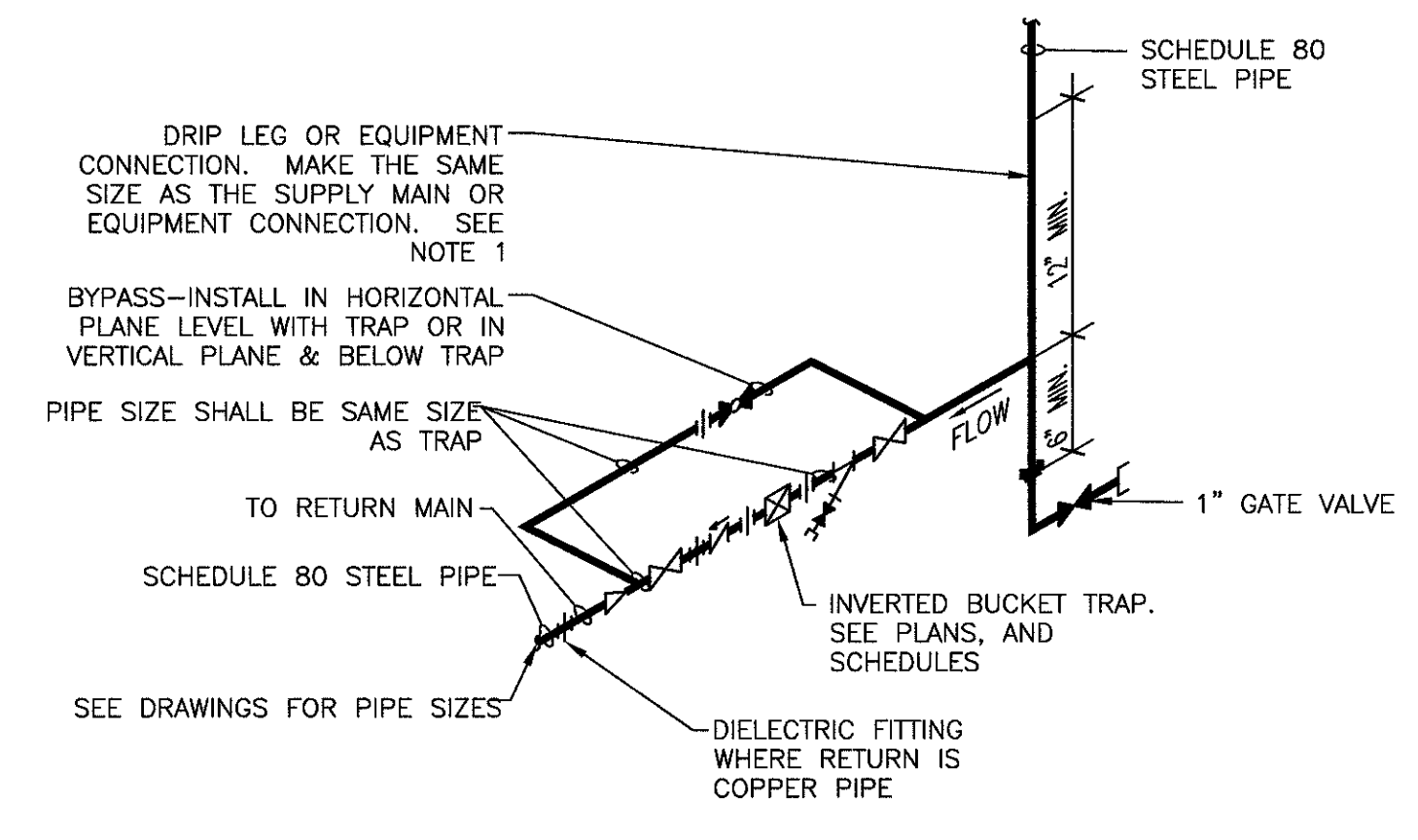


NOTES:
1. DRAIN ALL LOW POINTS AS INDICATED ABOVE.
2. WHERE SCALE POCKETS ARE SHOWN ON PIPE RISER DIAGRAMS AND/OR PLANS LOCATE DRAIN AT BOTTOM OF SCALE POCKET.

D3 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS

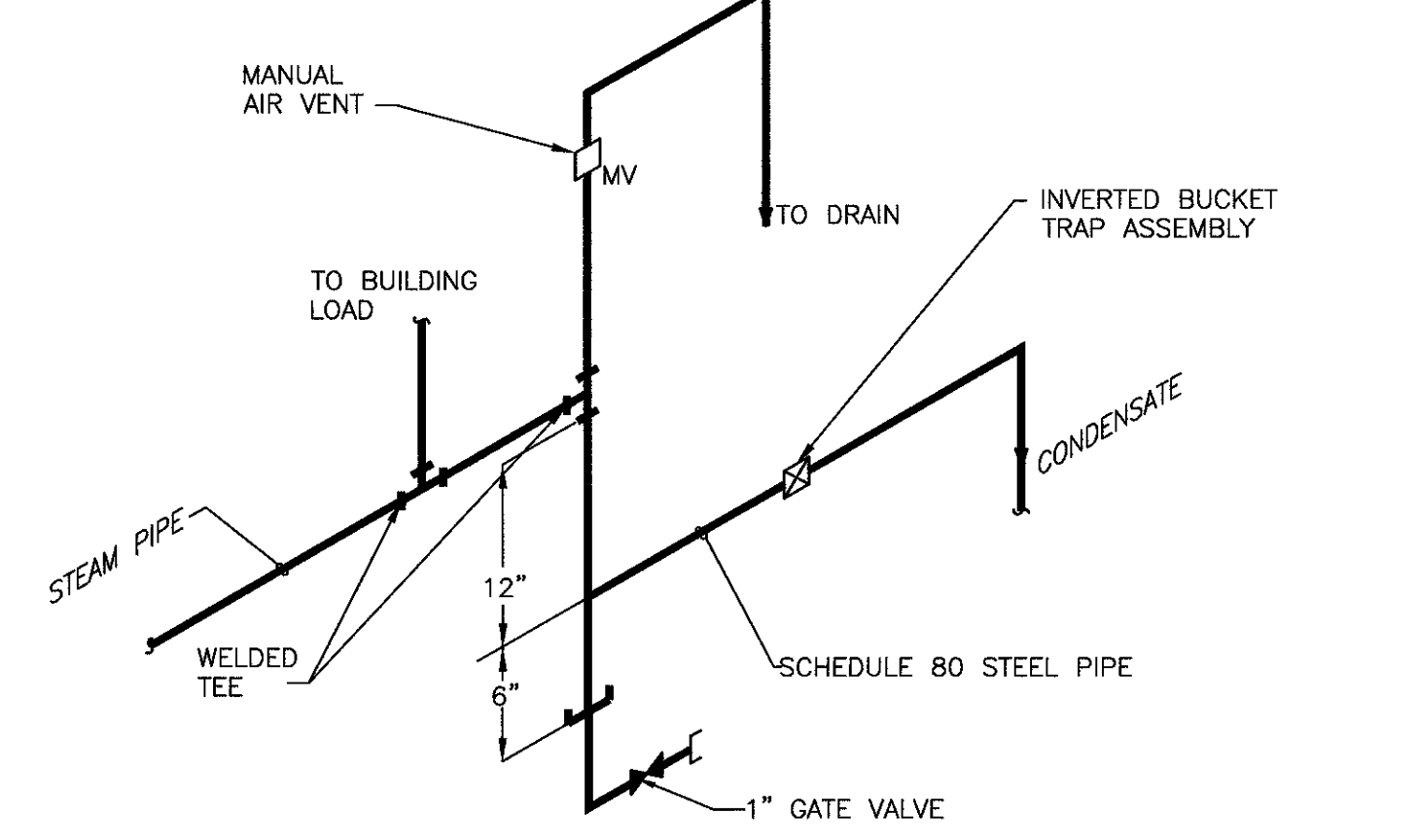


D4 TYPICAL MANUAL AIR VENT
NOT TO SCALE



NOTES:
1. ALL DRIP POINTS ON STEAM MAINS SHALL BE PROVIDED WITH A 12" MINIMUM HIGH DRIP LEG FROM BOTTOM OF STEAM MAIN TO TRAP INLET. DRIP LEG SHALL HAVE 6" SCALE POCKET BELOW TRAP INLET.
2. PROVIDE BYPASS PIPING.

D5 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE



D6 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE



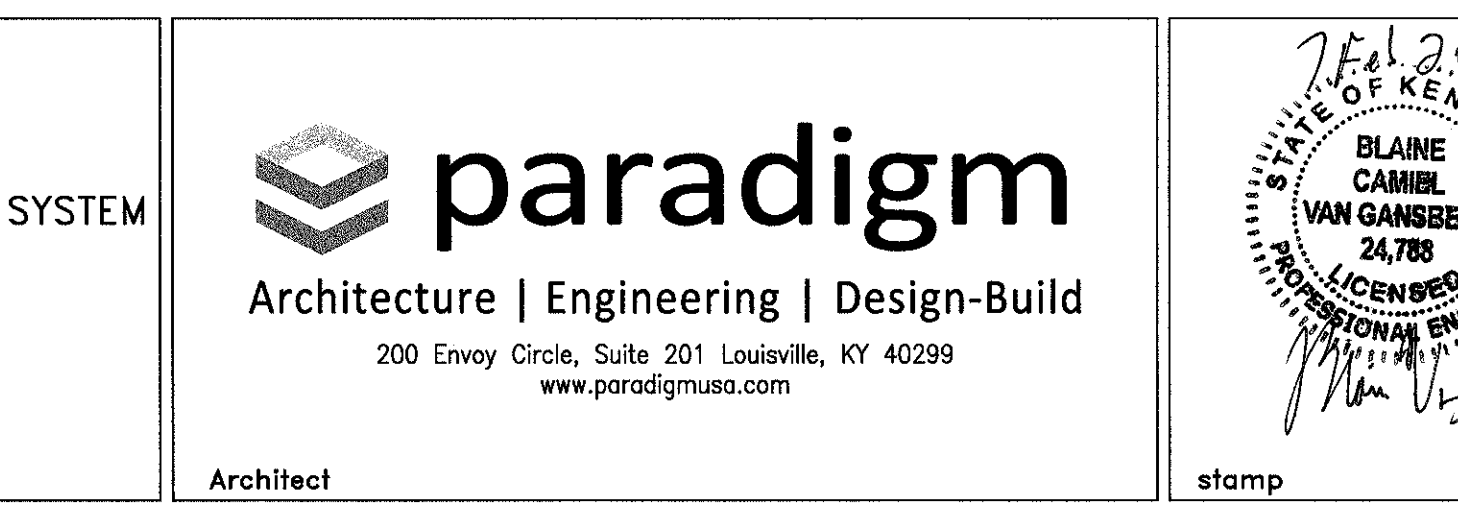
D7 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE



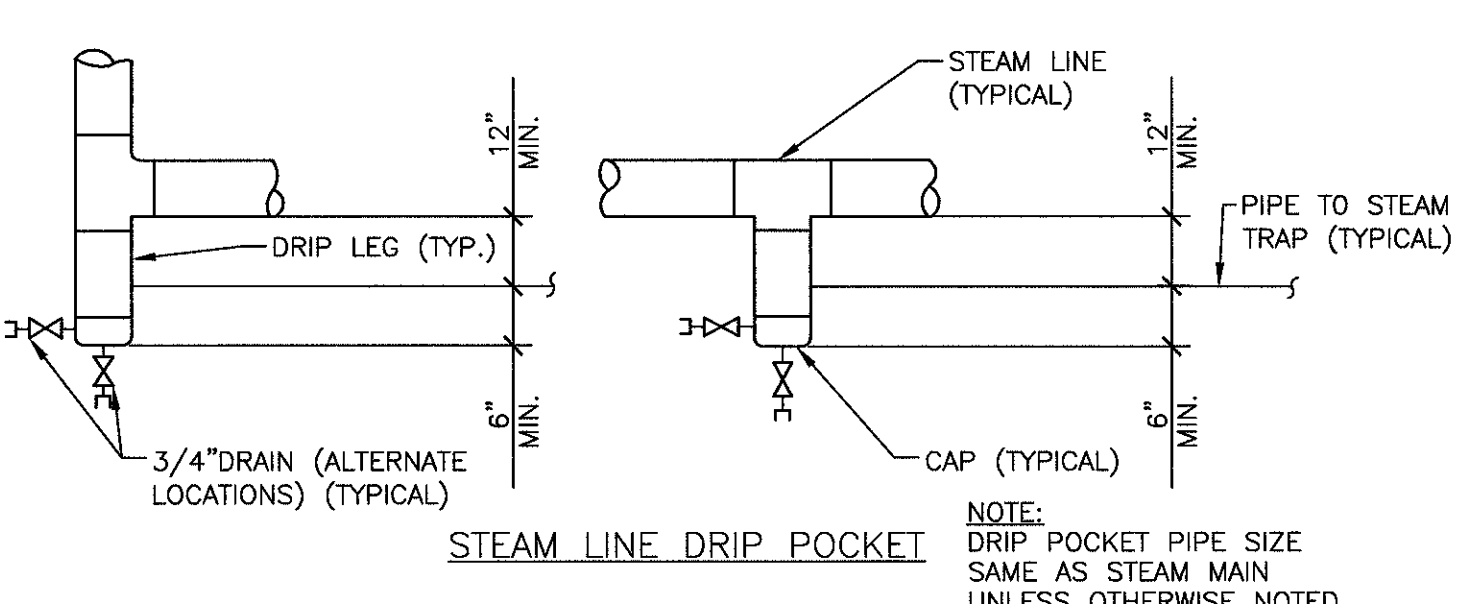
D8 AIR HANDLING UNIT DRAIN TRAP DETAIL
NOT TO SCALE



D9 INSTALLATION OF THERMOMETER WELLS
NOT TO SCALE



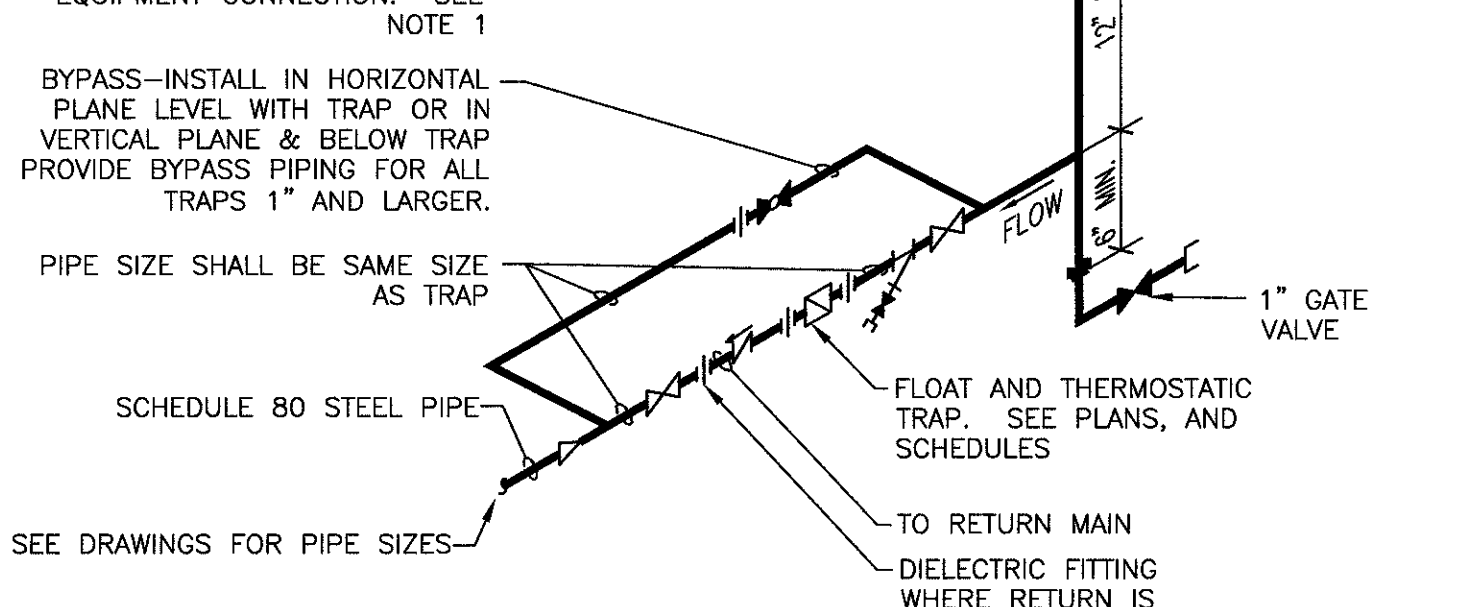
D10 STEAM HUMIDIFIER-PIPING CONNECTIONS (MULTIPLE DISPERSION TUBES)
NOT TO SCALE



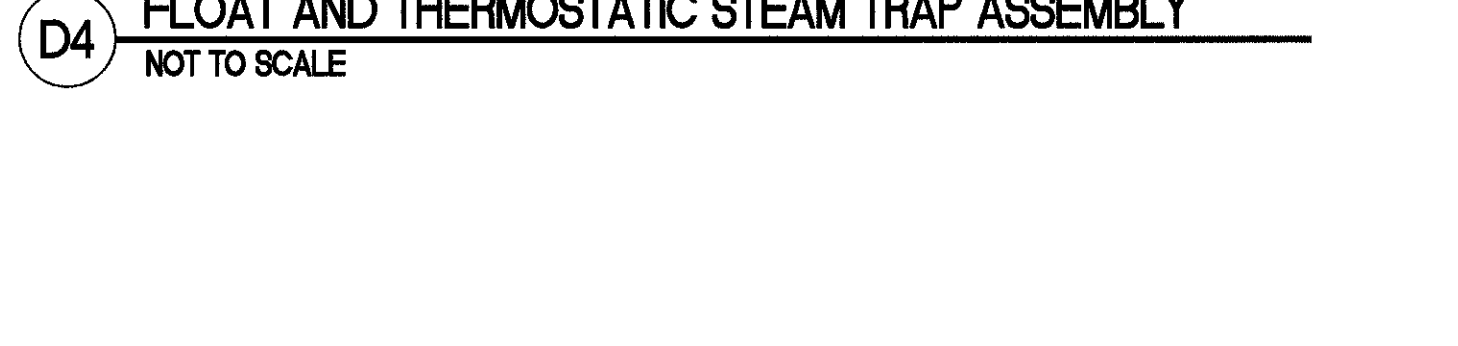
D11 STEAM LINE DRIP POCKET
NOT TO SCALE



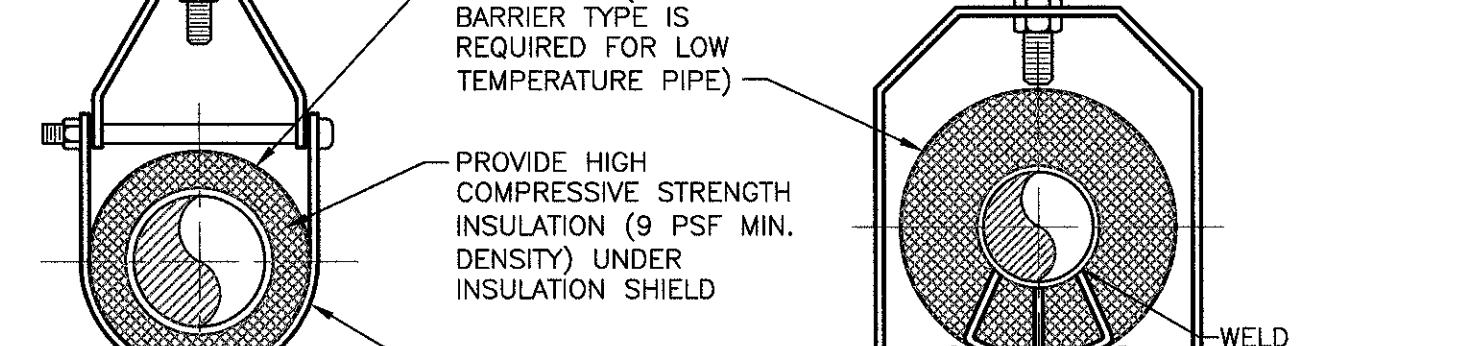
D12 STEAM TRAP ASSEMBLY
NOT TO SCALE



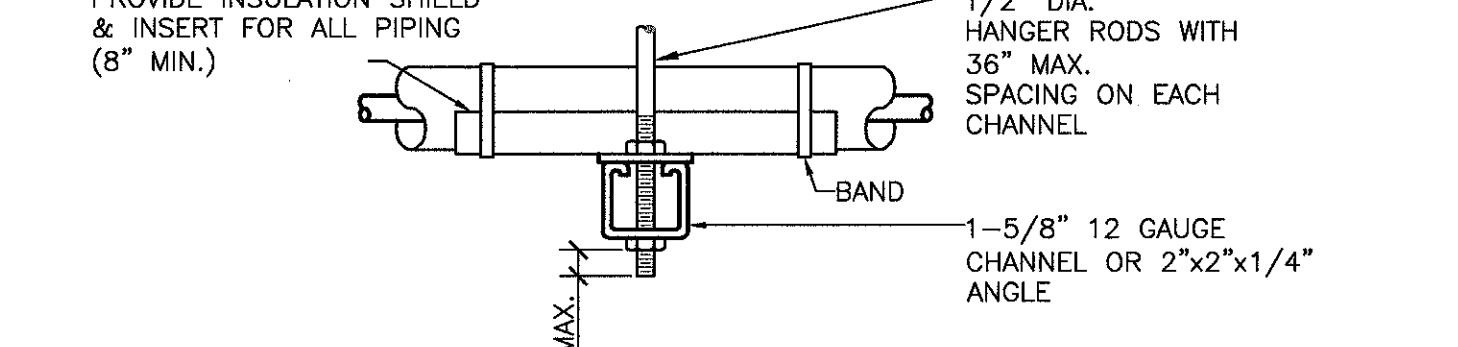
D13 END OF STEAM LINE DRIP TRAP
NOT TO SCALE



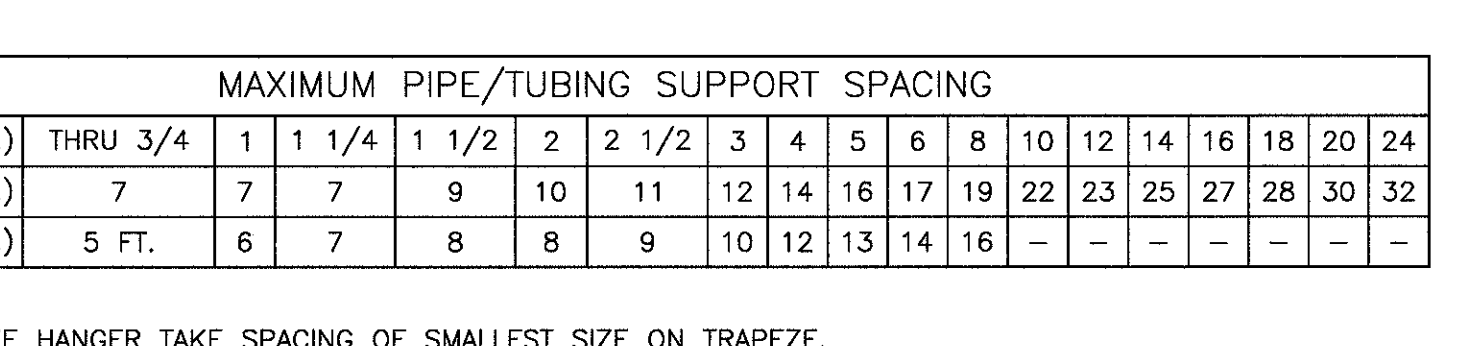
D14 TYPICAL WATER PIPING
NOT TO SCALE



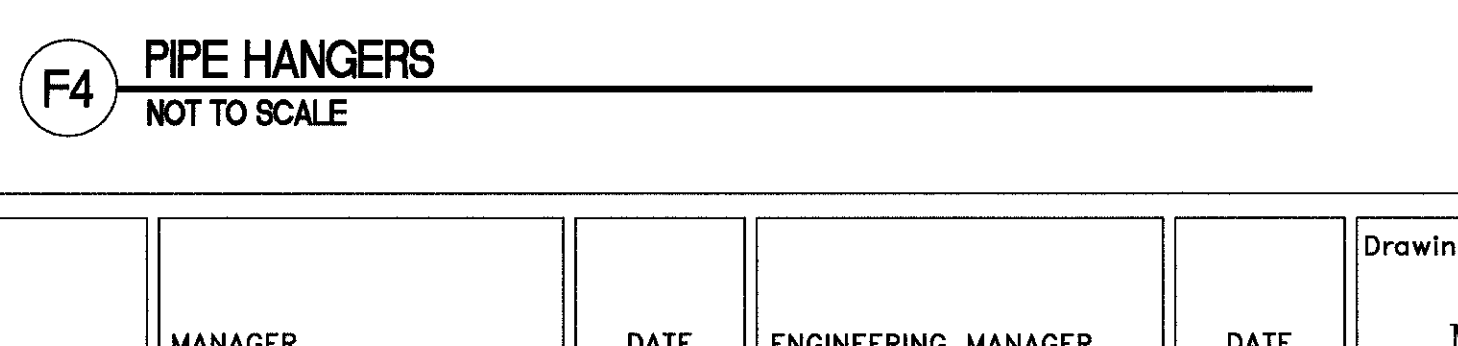
D15 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE



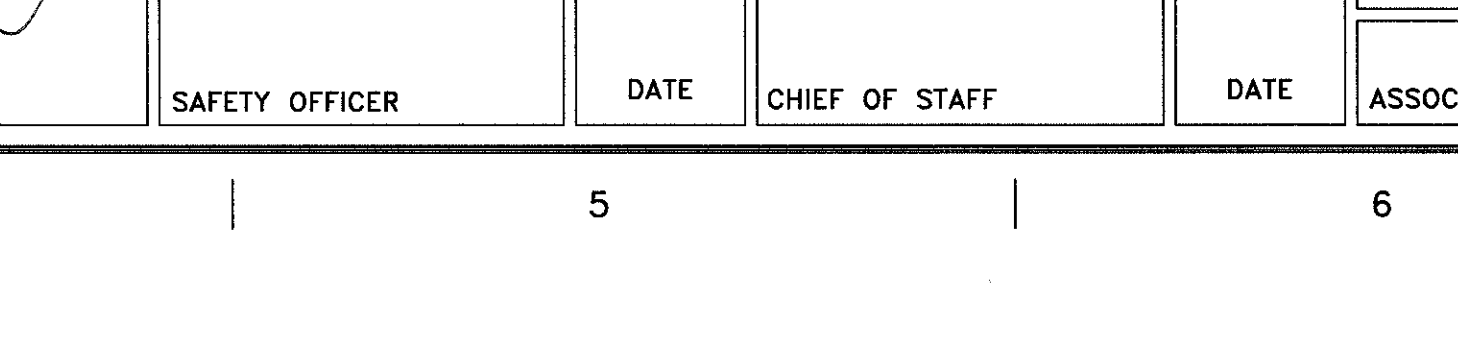
D16 TYPICAL MANUAL AIR VENT
NOT TO SCALE



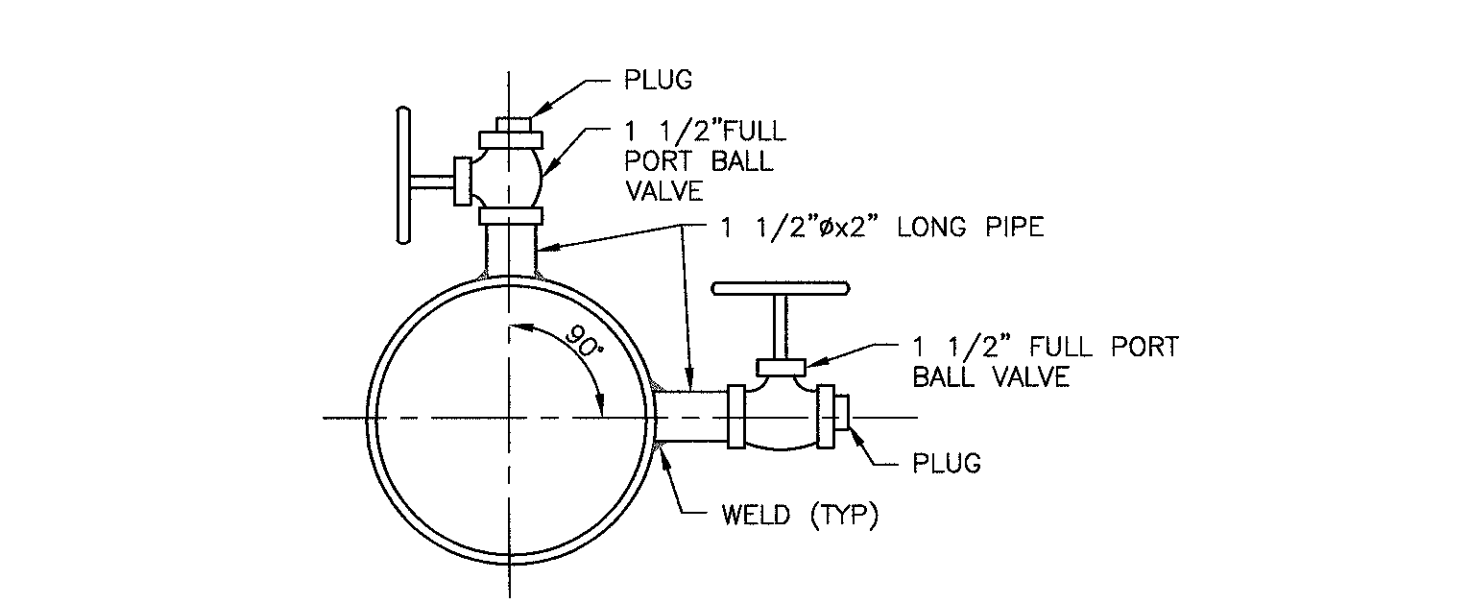
D17 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE



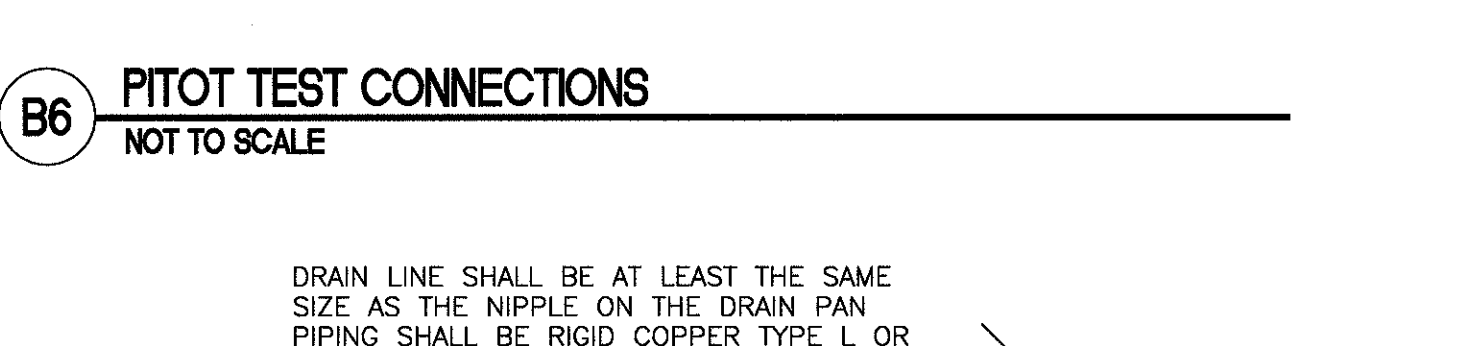
D18 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE



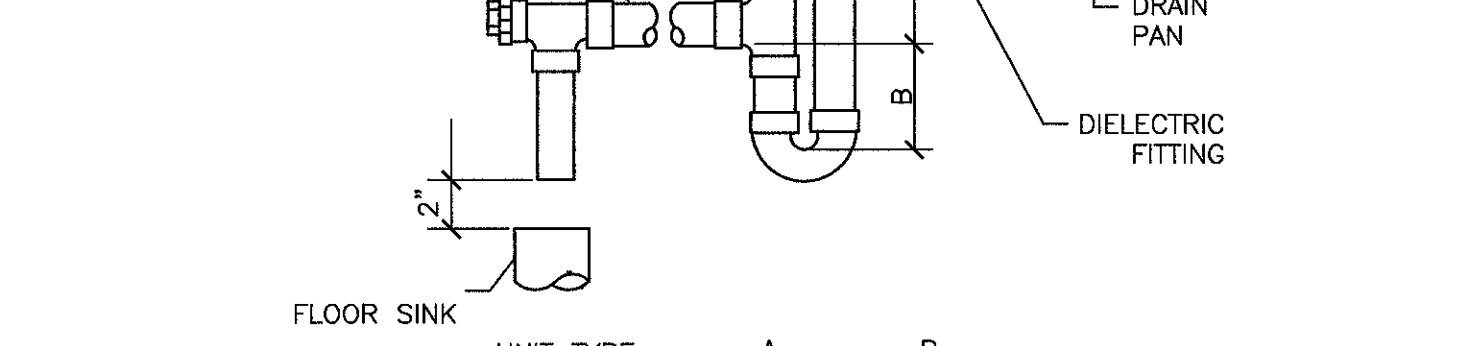
D19 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE



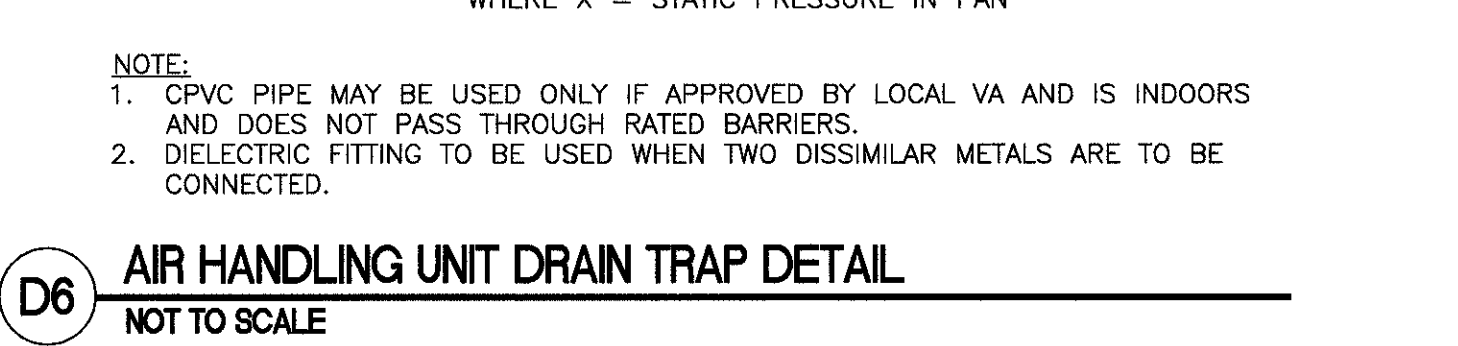
D20 PITOT TEST CONNECTIONS
NOT TO SCALE



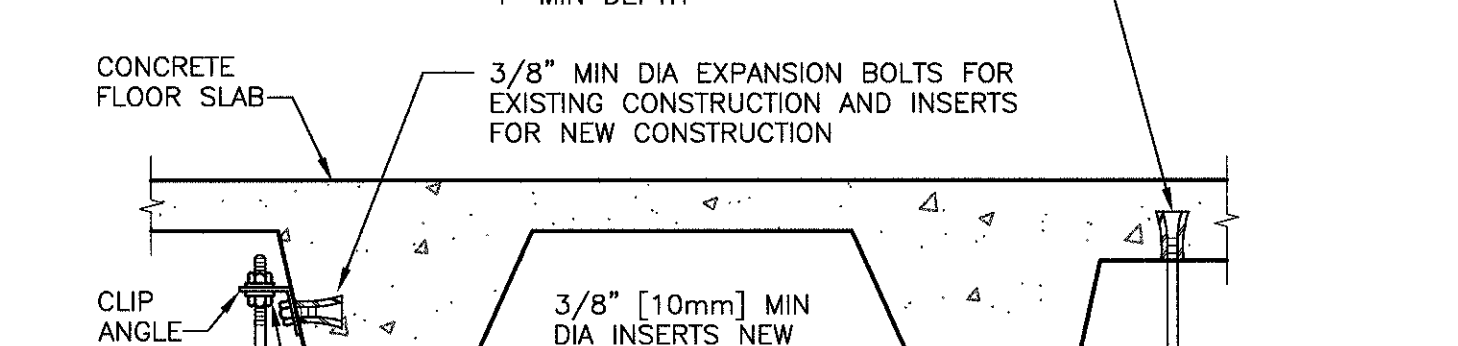
D21 AIR HANDLING UNIT DRAIN TRAP DETAIL
NOT TO SCALE



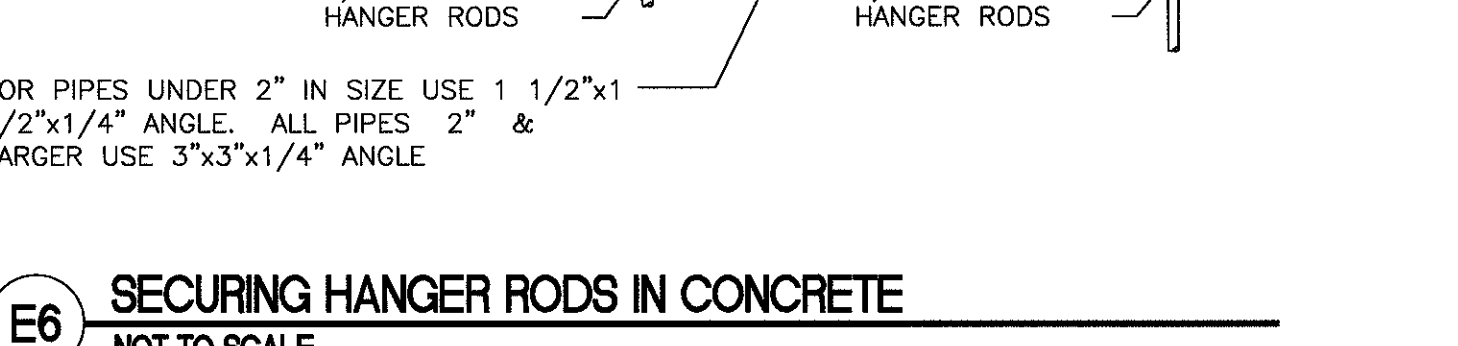
D22 INSTALLATION OF THERMOMETER WELLS
NOT TO SCALE



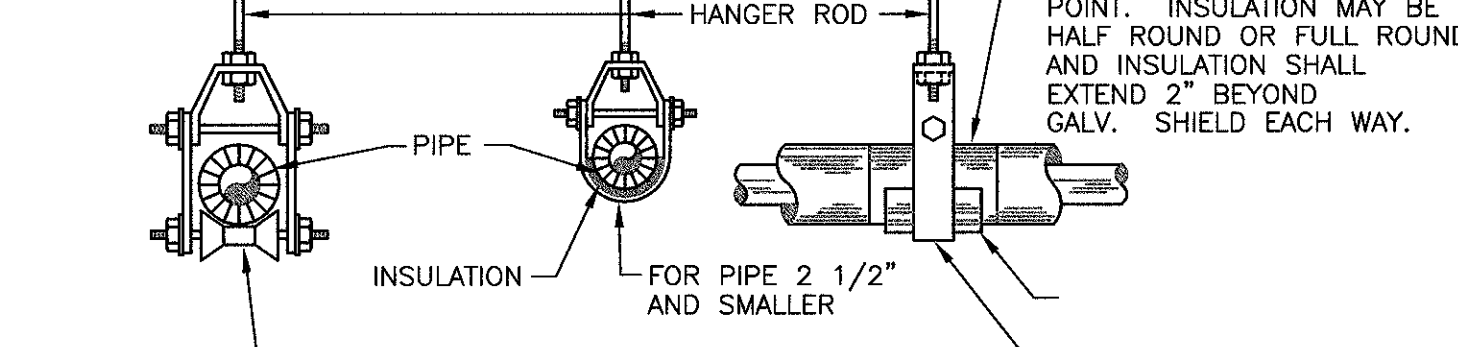
D23 STEAM HUMIDIFIER-PIPING CONNECTIONS (MULTIPLE DISPERSION TUBES)
NOT TO SCALE



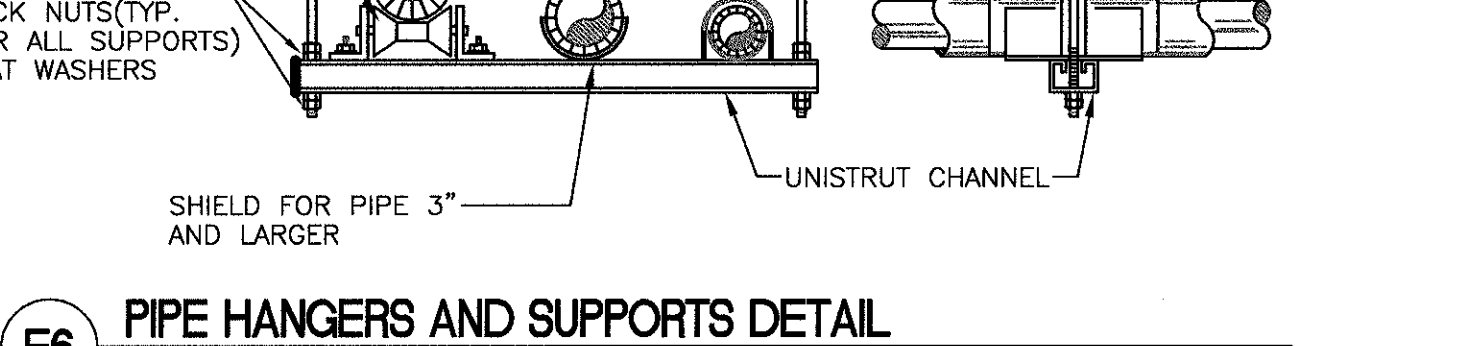
D24 TYPICAL WATER PIPING
NOT TO SCALE



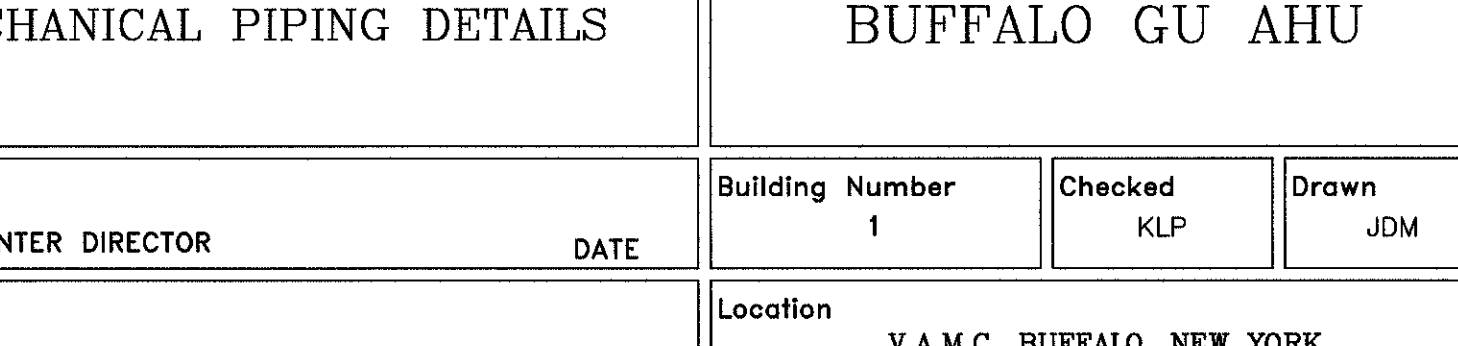
D25 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE



D26 TYPICAL MANUAL AIR VENT
NOT TO SCALE



D27 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

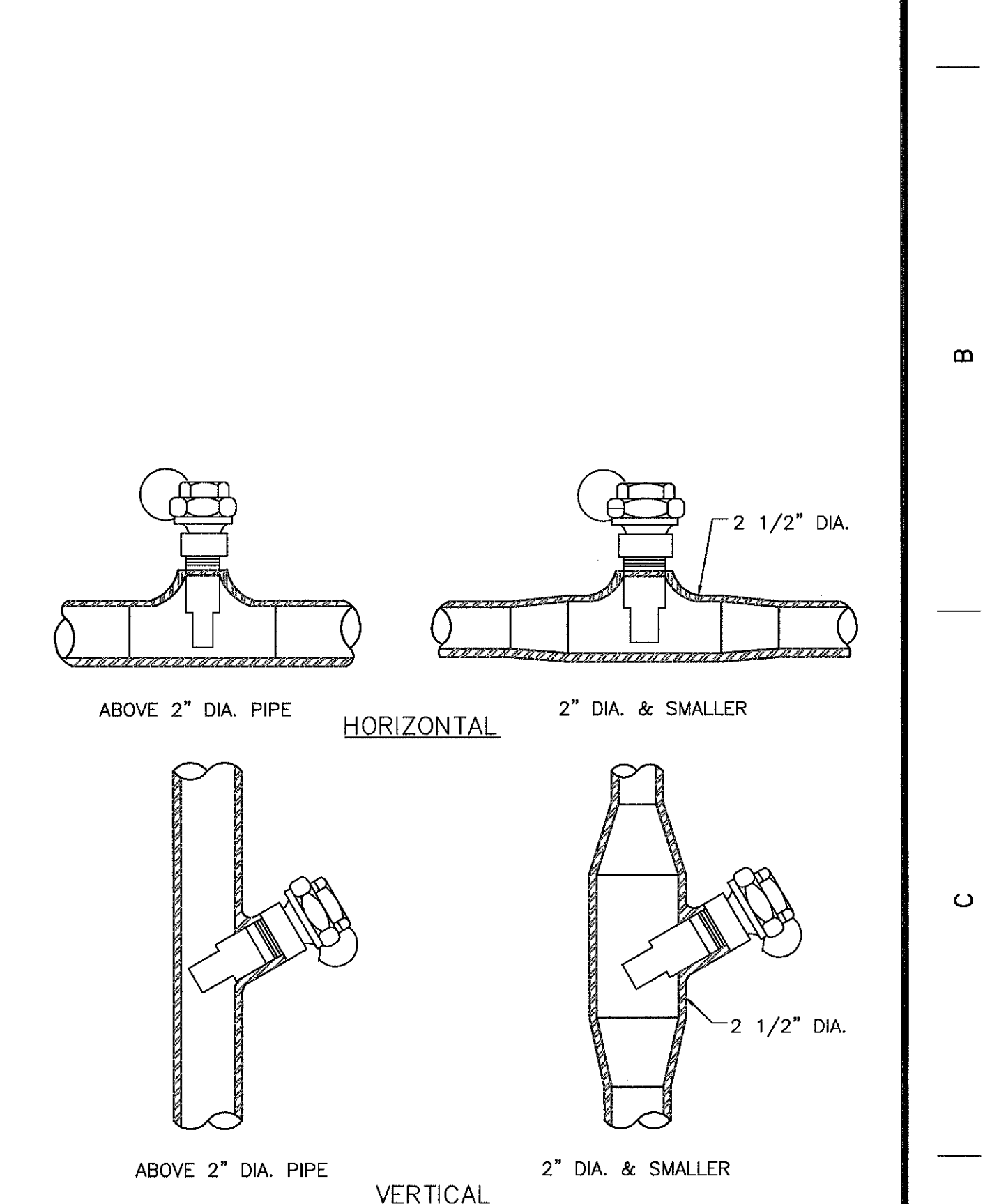


D28 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

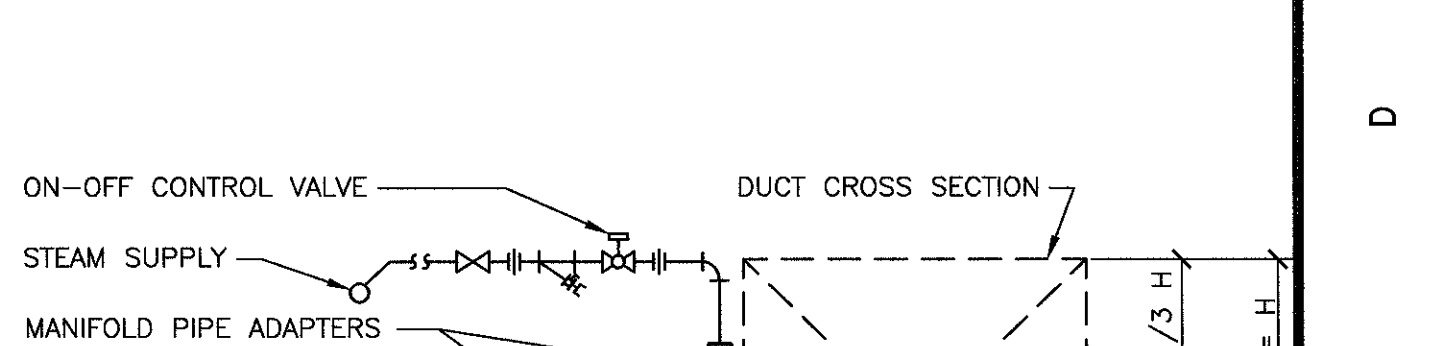


D29 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE

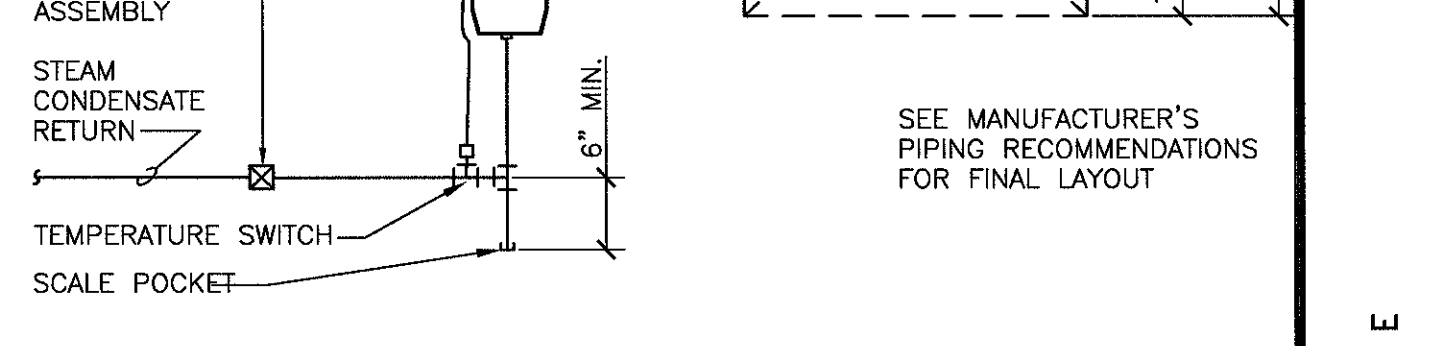
NOTES
A. REFER TO DWG. M-001 FOR MECHANICAL ABBREVIATIONS, SYMBOLS, AND GENERAL NOTES RELATED TO THIS SHEET.
B. ALL EXISTING PIPING, DUCTWORK, SPRINKLERS, CONDUIT, LIGHTING OR OTHER CONSTRUCTION SHALL BE RELOCATED AS REQUIRED FOR ALL DEMOLITION AND INSTALLATION WORK.
C. REFER TO MP102 AND MP402 FOR MECHANICAL PIPING PLANS RELATED TO THIS SHEET.



D30 TYPICAL WATER PIPING
NOT TO SCALE



D31 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE



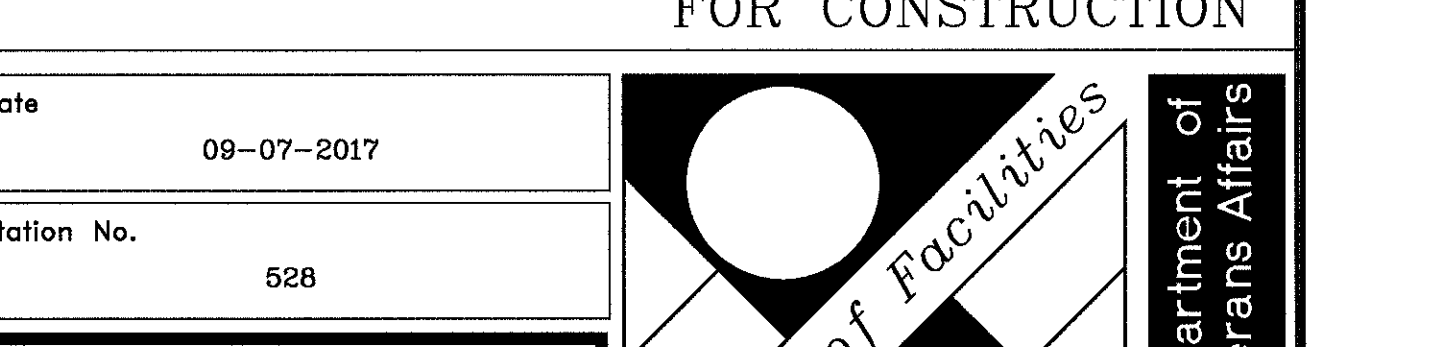
D32 TYPICAL MANUAL AIR VENT
NOT TO SCALE



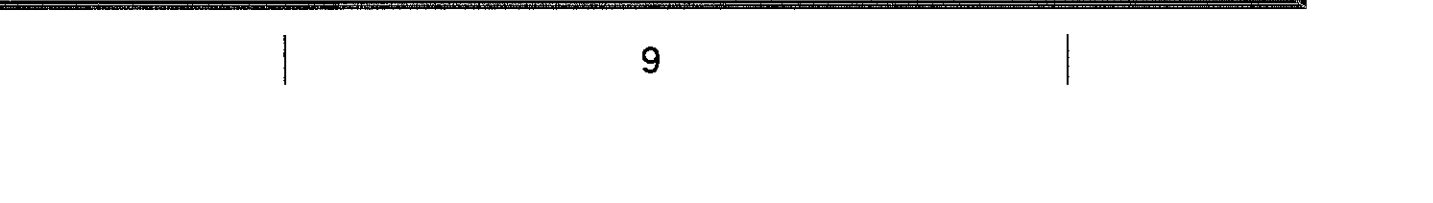
D33 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE



D34 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE



D35 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE



D36 TYPICAL WATER PIPING
NOT TO SCALE

D37 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE

D38 TYPICAL MANUAL AIR VENT
NOT TO SCALE

D39 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D40 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D41 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE

D42 TYPICAL WATER PIPING
NOT TO SCALE

D43 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE

D44 TYPICAL MANUAL AIR VENT
NOT TO SCALE

D45 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D46 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D47 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE

D48 TYPICAL WATER PIPING
NOT TO SCALE

D49 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE

D50 TYPICAL MANUAL AIR VENT
NOT TO SCALE

D51 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D52 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D53 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE

D54 TYPICAL WATER PIPING
NOT TO SCALE

D55 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE

D56 TYPICAL MANUAL AIR VENT
NOT TO SCALE

D57 INVERTED BUCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D58 STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY
NOT TO SCALE

D59 FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY
NOT TO SCALE

D60 TYPICAL WATER PIPING
NOT TO SCALE

D61 TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE

D62 TYPICAL MANUAL AIR VENT
NOT TO SCALE

