Piping Connections for Medium Voltage Fire Pump Controllers

WHERE WATER PULSATIONS CAUSE ERRATIC OPERATION OF PRESSURE SWITCH OR Recorder A SUPPLEMENTAL AIR CHAMBER OR PULSATION DAMPER (ACCUMULATOR) MAY BE NEEDED.

NOT LESS THAN 1/2" (1.3cm) NOM (AMERICAN TRADE SIZE) BRASS PIPE WITH BRASS FITTINGS OR EQUIVALENT

SEE NOTE 1

1/2" GLOBE VALVES

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O.S. & Y. VALVE

1/4" (0.6cm) NOMINAL PLUG (AMERICAN TRADE SIZE)

GLOBE VALVE

PETCOCK

MASTER ELECTRIC MOTOR FIRE PUMP CONTROL PANEL

OPTIONAL HOUSEKEEPING PAD-APPROX 4"(10cm) HIGH

NOTE

1. BRONZE CHECK VALVES, CLAPPER DRILLED WITH 3/32" (.24 mm) HOLES, EXCEPT WHERE WATER IS CLEAN GROUND FACE UNIONS WITH NON-CORROSIVE DIAPHRAGM & 3/32" (.24 mm) ORIFICE MAY BE USED

2. 1/2" (1.3cm) NOMINAL AMERICAN STANDARD TAPER FEMALE PIPE THREAD INLET & OUTLET.