PIPING CONNECTION FOR
PRESSURE SENSING LINE

(PER NFPA 20 FIG. A-12-S.2.1.1A)

WHERE WATER PULSATIONS CAUSE
ERRATIC OPERATION OF PRESSURE
SWITCH OR RECORD 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.

NOTE 1

1/2\" GLOBE VALVES

SEE NOTE 1

GLOBE VALVE

1/4\" (6.4cm) NOMINAL PLUG
(AMERICAN TRADE SIZE)

NOTE

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

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

3. ADDITIONAL PLUMBING REQUIRED
   IF MOD. BOLT PROVIDED

GLOBE & Y. VALVE

1/4\" (1.5m) LONGER THAN 5'-0\" (1.5m)

NOT LESS

DIESEL ENGINE
FIRE PUMP

CONTROL PANEL

1/4\" PLUG