

Detail of Acceptable Fire Line Assembly Inside Installation

Assembly Shall Meet City of Kingsport and USC Standards. For a list of approved assemblies please contact Water Technical Services Division -(423)229-9454 or visit us on the Web at www.publicworks.kingsporttn.gov/water-qc

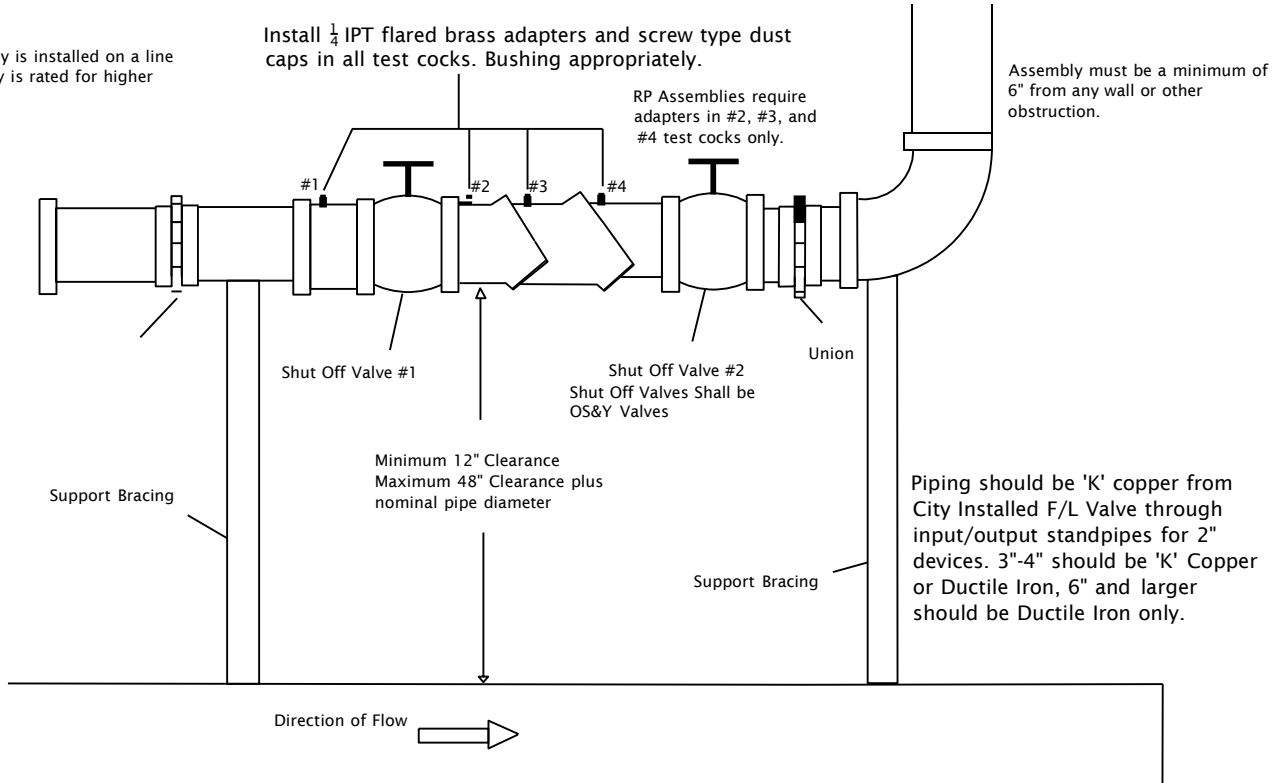
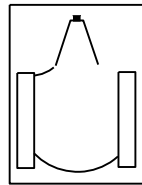
Double Check Detector Assembly shall be the minimum acceptable assembly. Reduced Pressure Detector Assembly will be required on any Chemically Treated Fire Line (Glycol, Rust Inhibitors, etc)

Pressure Regulator required if Assembly is installed on a line exceeding 175psi, unless the Assembly is rated for higher pressure

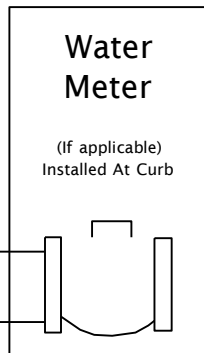
Install $\frac{1}{4}$ IPT flared brass adapters and screw type dust caps in all test cocks. Bushing appropriately.

RP Assemblies require adapters in #2, #3, and #4 test cocks only.

Assembly must be a minimum of 6" from any wall or other obstruction.



Piping should be 'K' copper from City Installed F/L Valve through input/output standpipes for 2" devices. 3"-4" should be 'K' Copper or Ductile Iron, 6" and larger should be Ductile Iron only.



Any meter installed on a Fire Line must be of a type that will not impede flow. Metered Fire Lines Do Not require Detector Assemblies, Principle Assemblies will be acceptable. (All Fire Lines installed after May 1, 2012 shall be metered)

Any and all variances must be approved by the City of Kingsport Water Technical Services Division-(423)229-9454

**All installations shall be in
accordance with City of
Kingsport Ordinance 4296**