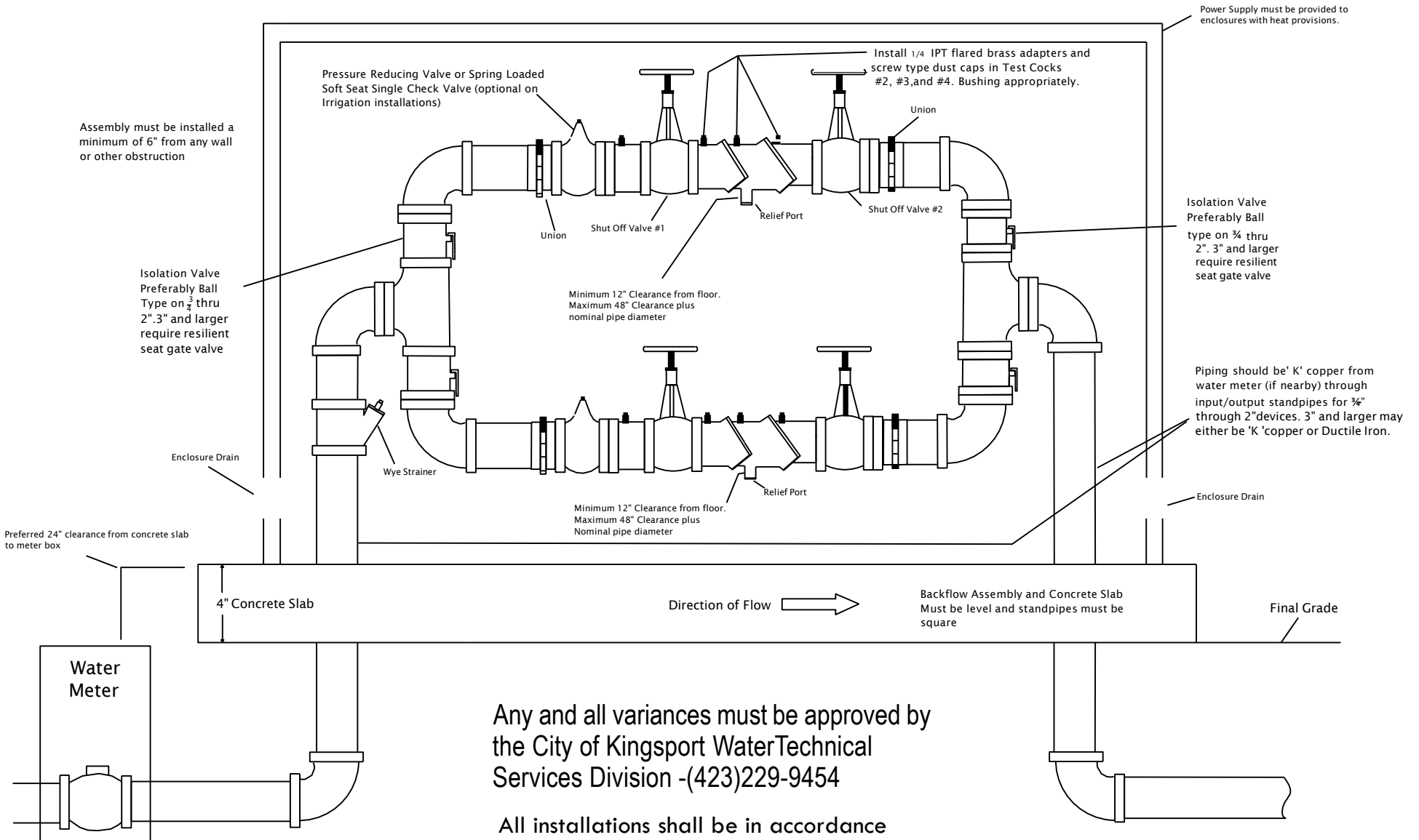


Detail of Reduced Pressure Backflow Prevention Assembly Outdoor Parallel System Installation

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



Power Supply must be provided to enclosures with heat provisions.

Pressure Reducing Valve or Spring Loaded Soft Seat Single Check Valve (optional on Irrigation installations)

Install 1/4 IPT flared brass adapters and screw type dust caps in Test Cocks #2, #3, and #4. Bushing appropriately.

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

Isolation Valve Preferably Ball Type on 3/4 thru 2". 3" and larger require resilient seat gate valve

Isolation Valve Preferably Ball type on 3/4 thru 2". 3" and larger require resilient seat gate valve

Minimum 12" Clearance from floor. Maximum 48" Clearance plus nominal pipe diameter

Piping should be 'K' copper from water meter (if nearby) through input/output standpipes for 3/4" through 2" devices. 3" and larger may either be 'K' copper or Ductile Iron.

Preferred 24" clearance from concrete slab to meter box

Enclosure Drain

Wye Strainer

Relief Port

Enclosure Drain

Minimum 12" Clearance from floor. Maximum 48" Clearance plus Nominal pipe diameter

4" Concrete Slab

Water Meter