DOUBLE CHECK DETECTOR ASSEMBLY

Assembly must be listed on the San Mateo County Environmental Health Services list of Approved Devices or Approved by City Engineer

DETAIL
NOT TO SCALE

Bypass Assembly

3/4" Check Valve
AWWA Standard

Test Cock Required (Typ.)

Provide Tamper Switch

3/4" Rising Stem
Gate Valve
AWWA Standard

Provide Tamper Switch

5/8" Meter

1/2" MIN. CLEARANCE
TO FIXED STRUCTURE

PROFILE

Bollards may be necessary as directed by PW Inspector

Joint Restraint

Adjustable Assembly support (typ.) per approval by PW Inspector

Test Cock Required (Typ.)

Joint Restraint

6" thick Class 'A' concrete pad #4 rebar at 2'-0" O.C. each way

Concrete pad to extend 2' from edge of pipe or widest appurtenance (typ.)

12" vertical clearance

Pipe sleeves (typ.) per Approval of PW Inspector

NOTES:

1. Contractor shall submit shop drawings for the Double Check Detector Assembly and Meter Box to Engineering Division for review and approval before actual installation.
2. A Reduced Pressure Detector Assembly may be required for high hazard condition with back pressure situation according to the Plumbing Code.
3. Installation of Double Check Valve Assembly shall meet requirements in AWWA Standard C510-07.
4. Double check valve assembly shall be located directly behind the meter. In no case shall a cut, tee, or tap be made between the user’s meter and the backflow prevention assembly.