



MATERIALS LIST

- ① USC FCCCHR APPROVED BACKFLOW ASSEMBLY.
  - REDUCED PRESSURE PRINCIPAL.
  - DOUBLE CHECK VALVE ASSEMBLY
- ② RESILIENT SEATED VALVE NRS (NON FIRE) OR OS&Y (FIRE)
- ③ 90 ELL FLANCED D.I.P. 3" THRU 10".
- ④ PIPE SPOOL (FLANCED D.I.P. 3" THRU 10")
- ⑤ 90 ELL. FLANGED BY MJ. D.I.P. OR (APPROVE VALVE SETTER)
- ⑥ 3/4" ZINC COATED THREADED ROD BOLT TO FLANCES AS SHOWN BOTH SIDES TYPICAL (NOT REQUIRED ON VALVE SETTER INSTALLATIONS)
- ⑦ TEST COCKS FOUR REQUIRED WITH BRASS PLUGS OR ADAPTERS WITH CAPS.
- ⑧ ADJUSTABLE PIPE SUPPORTS (NOT REQUIRED ON VALVE SETTER INSTALLATION)
- ⑨ TAMPER SWITCH OR CHAIN & LOCKED FIRE LINES.
- ⑩ ELECTRICAL CONDUIT FOR TAMPER SWITCH (FIRE LINE ONLY).

NOTES:

- 1. CITY OF TEMPE WILL DETERMINE WHAT TYPE OF BACKFLOW PREVENTION ASSEMBLY TO BE INSTALLED.
- 2. CONTACT CITY OF TEMPE ENVIRONMENTAL SERVICES SECTION AT (480) 350-8674 FOR LATEST LIST OF USC FCCCHR APPROVED ASSEMBLIES. (ASSEMBLIES MUST BE TESTED BEFORE C OF O WILL BE ISSUED)
- 3. INSTALLED AT METER UNLESS APPROVED BY CITY OF TEMPE.
- 4. DETAIL FOR SCREENING/GUARD POST SHALL BE SUBMITTED TO CITY OF TEMPE ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENTS FOR APPROVAL.
- 5. SCREENING REQUIRED 3" OR LARGER DIAMETER, REQUIRES MASONRY SCREEN WALLS WITH MATERIALS, FINISH, AND COLOR TO MATCH BUILDING.
- 6. CITY CONTROL VALVE TO BE REQUIRED AT MAIN SIDE.
- 7. THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION, REPAIR OR UTILITY RELOCATION.
- 8. CLEARANCE MINIMUM 24 INCHES AWAY FROM ANY WALL OR STRUCTURE AND MINIMUM 12 INCHES ABOVE FINISH GRADE MAXIMUM 24 INCHES.

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
 DEPUTY PUBLIC WORKS MANAGER  
 CITY ENGINEER



CITY OF TEMPE  
 PUBLIC WORKS DEPARTMENT

BACKFLOW PREVENTION ASSEMBLY INSTALLATION  
 3" - 10" AND (VALVE SETTER OPTION)

DETAIL T-214  
 REVISED 2007