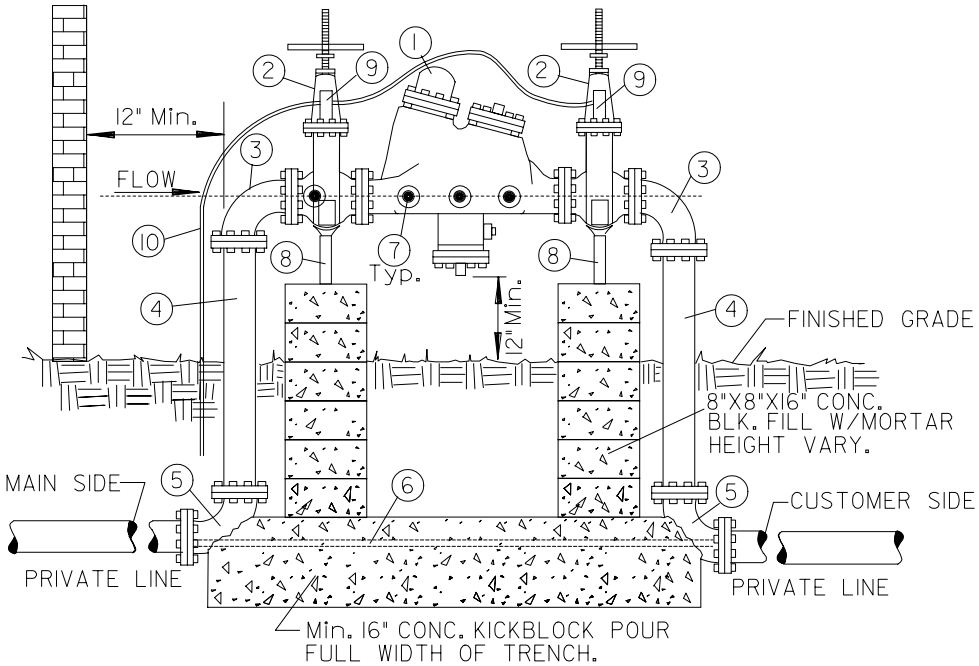


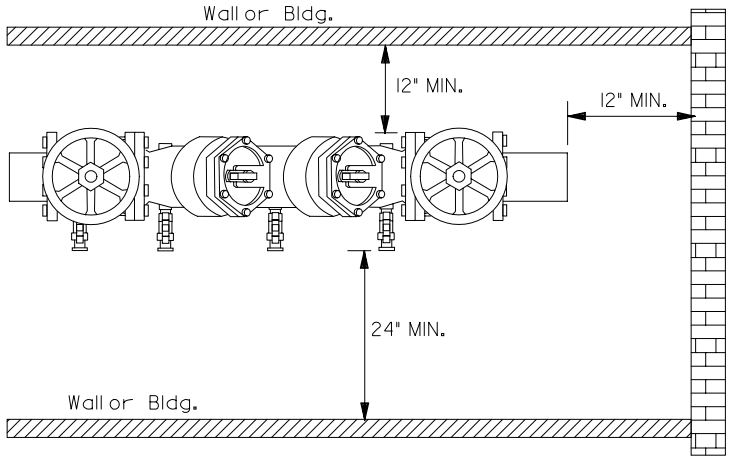


## LIST OF MATERIALS

1. USC FCCCHR APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY.
2. RESILIENT SEATED VALVE N.R.S. (NON-FIRE)OR OS&Y (FIRELINE).
3. 90 ELL.(FLANGED D.I.P. 3" THRU 10")
4. PIPE SPOOL (FLANGED D.I.P. 3" THRU 10")
5. 90 ELL.(FLANGED BY MJ. D.I.P. 3" THRU 10")
6. ¾" ZINC COATED THREADED ROD, BOLT TO FLANGES AS SHOWN, BOTH SIDES TYPICAL.
7. TEST COCKS (FOUR REQUIRED).
8. ADJUSTABLE PIPE SUPPORTS (4" AND LARGER)
9. TAMPER SWITCH (FIRELINE ONLY).
10. ELECTRICAL CONDUIT FOR TAMPER SWITCH (FIRELINE ONLY).

NOTES:

1. FIRE PROTECTION SYSTEMS MAY REQUIRE REDUCED PRESSURE DETECTOR VALVE ASSEMBLY (RPDVA) AS A BACKFLOW ASSEMBLY.
2. CONTACT CITY OF TEMPE ENVIRONMENTAL SERVICES SECTION AT 350-8200 FOR LATEST LIST OF USC FCCCHR APPROVED ASSEMBLIES, (ASSEMBLY MUST BE TESTED BEFORE C OF O WILL BE ISSUED)
3. COPPER FITTINGS SHALL BE CONNECTED WITH LEAD - FREE SOLDER.
4. DETAILS FOR SCREENING / GUARD POSTS 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 12 INCHES AWAY FROM ANY WALL OR STRUCTURE. MINIMUM 24 INCHES AWAY FROM ANY WALL OR STRUCTURE IF TEST COCKS OR MAINTENANCE COVERS FACE WALLS. MINIMUM 12 INCHES ABOVE FINISH GRADE, MAXIMUM 24 INCHES.

ORIGINAL SIGNATURE ON FILE AT THE CITY OF TEMPE

APPROVED: _____ CITY ENGINEER _____ DATE

| CITY OF TEMPE PUBLIC WORKS DEPARTMENT | REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY | DETAIL T-213 REVISED 1998 |
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