



**TYPICAL LOCATION REQUIREMENT
FOR ABOVE GROUND INSTALLATION**

N.T.S.

- NO. DESCRIPTION:**
1. SLOPE GROUND AWAY FROM COVER (TYP.).
 2. HINGED ACCESS OR REMOVABLE INSULATED ENCLOSURE MEETING ASSE 1060 SPECIFICATIONS. ENCLOSURE TO INCLUDE DRAIN PORT(S) PER CLTW REQUIREMENTS.
 3. STRAINER RECOMMENDED EXCEPT ON FIRE SERVICE.
 4. SHUT-OFF VALVE #1.
 5. CHECK VALVE #1.
 6. CHECK VALVE #2.
 7. SHUT-OFF VALVE #2.
 8. TYPE K OR L COPPER TUBING PIPE, 1 INCH MIN. GALVANIZED STEEL PIPE (CONFORMS TO ASTM A53) OR SCH. 80 PVC PIPE WITH SCH. 80 PVC FITTINGS. SEE NOTE B.
 9. LOWEST POINT OR RELIEF VALVE OUTLET.
 10. TEST COCK #1.
 11. MIN. 4" THICK #57 WASHED STONE OR CONCRETE PAD. SEE NOTE H.
 12. IF USING PVC PIPE, HORIZONTAL BRACING IS RECOMMENDED.
 13. IF USING PVC PIPE - VERTICAL BRACING IS REQUIRED.
 14. ZONING SETBACK.
 15. CLTW REQUIRED BPA ABOVE GROUND.
 16. SEE NOTES D AND E.
 17. CLTW METER.
 18. PUBLIC WATER MAIN.
 19. PROPERTY LINE OR R/W.

NOTES:

- A. BACKFLOW PREVENTION ASSEMBLIES (BPA's) SHALL CONFORM TO CLTW SPECIFICATIONS. SHUT-OFF VALVES ARE SPECIFIC TO EACH APPROVED BPA AND NO SUBSTITUTIONS OF SHUT-OFF VALVES ARE PERMITTED. REFER TO CLTW APPROVED LIST OF BPA's.
- B. PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN CLTW STANDARDS & SPECIFICATIONS. IF USING PVC PIPE / FITTINGS, VERTICAL SUPPORT IS REQUIRED AND HORIZONTAL BRACING IS RECOMMENDED.
- C. INSULATED ENCLOSURE SHALL BE AS SPECIFIED IN CLTW ENCLOSURE INFORMATION AND COMPLY WITH ASSE 1060 ENCLOSURE REQUIREMENTS - HEATED INSULATED ENCLOSURE IS RECOMMENDED. NO INSULATION SHALL BE WRAPPED AROUND BPA.
- D. ALL LOCATIONS FOR BPA's REQUIRE CLTW APPROVAL AND MUST BE OUTSIDE OF ZONING SET-BACK DIRECTLY BEHIND METER.
- E. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER - USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CLTW - REQUIRED BACKFLOW PREVENTER.
- F. EACH CLTW-REQUIRED BPA IS REQUIRED TO BE TESTED BY A CLTW - APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE. TEST RESULTS SHALL BE SUBMITTED TO CLTW WITHIN 30 DAYS AND TESTED ANNUALLY THEREAFTER SUBMITTING RESULTS TO CLTW.
- G. ALL INSTALLATIONS INTENDED FOR ADDRESSING CLTW REQUIREMENTS, REQUIRE PRIOR APPROVAL FROM THE APPROPRIATE CLTW BACKFLOW INSPECTOR.
- H. PAD MUST BE NO LOWER THAN 100-YEAR FLOOD AND HAVE ADEQUATE GRAVITY DRAINAGE. BACKFLOW DEVICE CANNOT BE INSTALLED BELOW GRADE, IN ANY LOCATION SUBJECT TO FLOODING, AND/OR CONSTRUCTED TO SUBMERGE THE RELIEF VALVE OPENING.