1. BACKFLOW PREVENTION ASSEMBLIES (BPA's) SHALL CONFORM TO CLT WATER SPECIFICATIONS. SHUT-OFF VALVES ARE SPECIFIC TO EACH APPROVED BPA AND NO SUBSTITUTIONS OF SHUT-OFF VALVES ARE PERMITTED. REFER TO CLT WATER APPROVED LIST OF BPA's.

2. PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN CLT WATER STANDARDS & SPECIFICATIONS.

3. INSULATED ENCLOSURE SHALL BE AS SPECIFIED IN CLT WATER ENCLOSURE INFORMATION - HEATED INSULATED ENCLOSURE IS RECOMMENDED. NO INSULATION SHALL BE WRAPPED AROUND BPA.

4. ALL LOCATIONS FOR BPA's REQUIRE CLT WATER APPROVAL AND MUST BE OUTSIDE OF ZONING SET-BACK DIRECTLY BEHIND METER.

5. 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 CLT WATER - REQUIRED BACKFLOW PREVENTER.

6. EACH CLT WATER-REQUIRED BPA IS REQUIRED TO BE TESTED BY A CLT WATER-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE. TEST RESULTS SHALL BE SUBMITTED TO CLT WATER WITHIN 30 DAYS AND TESTED ANNUALLY THEREAFTER SUBMITTING RESULTS TO CLT WATER.

7. ALL INSTALLATIONS INTENDED FOR ADDRESSING CLT WATER REQUIREMENTS, REQUIRE PRIOR APPROVAL FROM THE APPROPRIATE CLT WATER BACKFLOW INSPECTOR.

MIN. 4" THICK CONCRETE PAD REQUIRED

SLEEVE REQUIRED (TYP.)

LOWEST POINT

FLOW

MIN. 2" DRW.

SLEEVES REQUIRED (TYP.)

SLOPE GROUND AWAY FROM COVER (TYP.)

STRAINER RECOMMENDED

HINGED ACCESS OR REMOVABLE INSULATED ENCLOSURE MEETING ASSE 1666 SPECIFICATIONS. ENCLOSURE TO INCLUDE DRAIN PORTS PER CLT WATER REQUIREMENT.

TYPE K OR L COPPER TUBING PIPE OR GALVANEIZED STEEL PIPE FOR MIN. OF 5' ON EACH END OF ASSEMBLY. SEE NOTE #2.

SUPPORT AS REQUIRED BY DESIGNED

CHECK VALVE #1

CHECK VALVE #2

DOUBLE CHECK VALVE ASSEMBLY

SHUT-OFF VALVE #1

SHUT-OFF VALVE #2

TEST COCK #1

LOWEST POINT

NOTE:

ZONING SETBACK

PUBLIC WATER MAIN

CLT WATER ABOVE GROUND

CLT WATER METER

PROPERTY LINE

PUBLIC WATER MAIN

SEE NOTE #4 & #5

TYPICAL LOCATION REQUIREMENT FOR ABOVE GROUND INSTALLATION

N.T.S.