

CITY OF LAWRENCEVILLE

P.O. Box 2200
Lawrenceville, Georgia 30046
770/963-2414

MINIMUM CONTAINMENT PROTECTION REQUIREMENT
COMMERCIAL NEW CONSTRUCTION and RETROFIT INSTALLATIONS
(Nonhazardous)

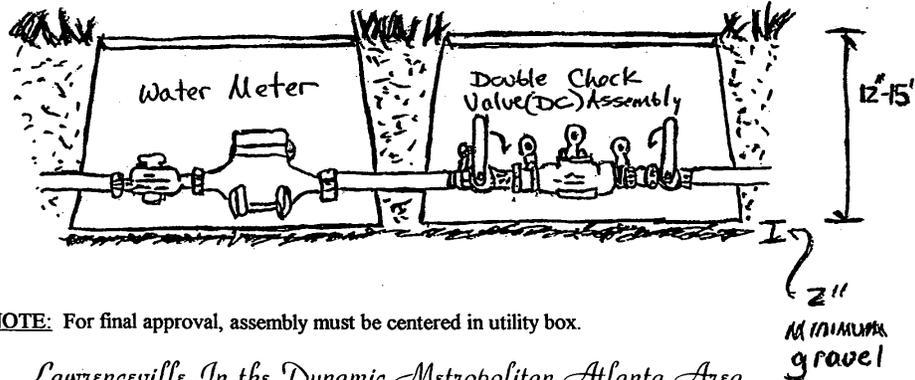
SERVICE METERS: 2-inch and smaller

DOUBLE CHECK VALVE (DC) BACKFLOW PREVENTER (BFP)

SPECIFICATIONS: The customer/owner shall provide a Double Check Valve Backflow Preventer Assembly in a size to match that of the required service meter. The DCV checks shall have replaceable seats, captured springs, and the BFP assembly shall include a full-port ball valve on the inlet and outlet sides, with a union or swivel coupling nut between the device and each valve. Unions or swivel nuts must be integral with the device or valves. Device shall have three ball valve test cocks in the vertical or horizontal position fitted with brass or plastic threaded plugs that are easily accessible for testing. A fourth vertical or horizontal test cock shall be provided on the upstream side of the inlet shut-off valve. All components of the assembly, including ball valve handles and assembly bolts shall be equal in corrosion resistance to bronze or stainless steel, to resist electrolysis. Access to both checking devices shall be by top and/or side entry for maintenance and repair of all interior parts. Valve handles, except T-type, shall turn up to close and inboard (90 degrees) to open.

NOTE: The DCV device shall have current approval from the University of Southern California, Foundation for Cross-Connection Control and Hydraulic Research (USCFCCCHR). The DCV-BFP assembly to be tested by a nationally recognized testing laboratory in accordance with ASSE Standard 1015, and bear the ASSE seal; be individually factory tested, shipped, and installed as a unit.

TYPICAL UTILITY BOX INSTALLATION



Suggested Devices: Ames 2000 B, Conbraco 40-100, Watts 007 M1 or M2, Wilkins 950XL, (or approved equal)

Suggested Utility Boxes: Carson Industries-Model #1730DP18L
CDR Systems Corp.-Model #WA10-1730-18-W/MH
(or approved equal)

SPECIAL CAUTION

THERMAL EXPANSION: When water is heated and stored in a consumer's water system, or a branch of the system, that has been closed by the installation of a backflow prevention device, or any other checking device; an auxiliary relief valve, or expansion chamber, shall be installed to limit thermal expansion of the water being heated to not more than 80 psi static (no flow) pressure at any fixture on the system.*

*(See the amended State of Georgia Plumbing Code for further clarification)

IMPORTANT

Device Testing: All Double Check Valve-Backflow Prevention Assemblies shall be tested at time of installation and at least ANNUALLY thereafter, by a Certified Tester. A copy of each test and maintenance report must be submitted to:

City of Lawrenceville
Attn: Backflow Program/Water Department
70 South Clayton Street
Lawrenceville, GA 30046

Certified Testers List may be obtained through the Water Department by calling: (678) 442-9256.