CITY OF ROSWELL
DEPARTMENT OF PUBLIC WORKS
BACKFLOW – PREVENTION
"A community – environmental
Health protection program"

MINIMUM CONTAINMENT PROTECTION REQUIREMENT
COMMERCIAL NEW CONSTURCTION and RETROFIT INSTALLATIONS
(Non – hazardous)

SERVICE METER SIZES: ¾ inch thru 2 inch

DOUBLE CHECK VALVE (DCV) BACKFLOW PREVENTER (BFP)

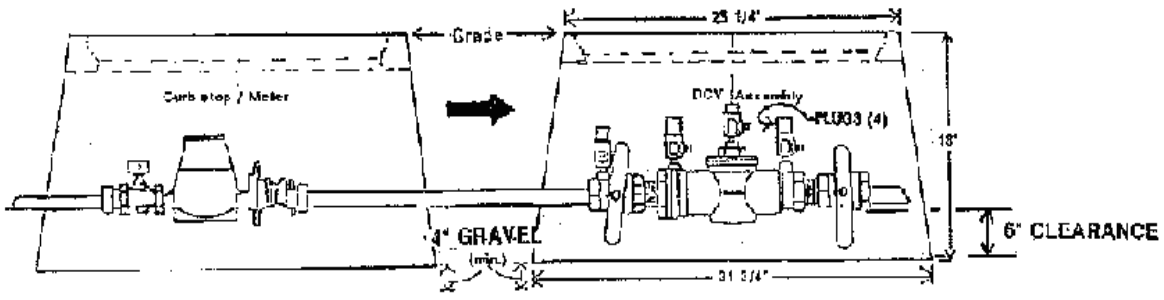
SPECIFICATIONS: The CUSTOMER/OWNER shall furnish and have installed a **Double Check Valve (DCV) Backflow Preventer (BFP) Assembly** in a size to match that of the required service piping. The DCV-BFP assembly shall include a full-port ball valve on the inlet and outlet sides and a union or swivel coupling nut between the device and each valve. Unions or swivel coupling nuts to be integral with the device or valves. The device shall have three ball valve test cocks in the vertical position fitted with brass or plastic threaded plugs. A fourth test cock shall be provided on the up-stream 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 and shall have replaceable seats.

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

APPROVED ASSEMBLIES: See reverse side for all approved assemblies.
(OVER>>>)
INSTALLATION INSTRUCTIONS: The DCV-BFP assembly shall not be buried in earth but installed in a Utility Box adjacent to, or as close as practical to, the outlet side of the meter installation. Under No condition will any connection be allowed between the service meter and a backflow preventer used for system containment.

APPROVED UTILITY BOXES: Carson Industries Model No.: 1730D-P12L
(or approved Equal) CDR Systems Corp. Model No.: A12-2436-18

TYPICAL UTILITY BOX INSTALLATION



NOTE: For final approval assembly must be centered in enclosure.
SEE THERMAL EXPANSION WARNING and DEVICE TEST PROCEDURES

APPROVED DCV-BFP ASSEMBLIES

AMES	-	N/A – sizes not available
BUCKENER	-	N/A – unions not available
CONBRACO	-	¾" 40-104-A4T, 1" 401-05-A4T, 1- ½" 401-07-A4T 2" 401-08-A4T
CLA-VAL	-	N/A – unions not available
FEBCO	-	N/A – replaceable seats not available
FLOWMATIC	-	¾" B9100U, 1" B9101U
HERSEY	-	FDC – w/unions (all sizes)
WATTS	-	U-007QT-T-Z3 (all sizes)
WILKINS	-	950XLU (all sizes)

These assemblies and **only these assemblies have been approved as of 2/09/05.** For approval on any additional assemblies contact the phone number listed below (1-1/4" size assemblies are not allowed to be installed).

*** **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 assembly, 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.

****IMPORTANT***

ASSEMBLY TESTING: All Double Check Valve (DCV) Assemblies shall be tested at time of installation, and at least **ANNUALLY t**here-after, by an approved Certified Tester.

A copy of all Test and Maintenance Reports must be submitted to:

City of Roswell
Department of Public Works
Backflow-Prevention Unit
38 Hill Street, Suite 235
Roswell, Georgia 30075

Test forms and Certified Tester List may be obtained from:

Department of Public Works
BACKFLOW-PREVENTION UNIT
Phone – (770) 641-3715