

**FORT LEWIS
CROSS CONNECTION CONTROL PROGRAM**

SECTION 2: SPECIFICATION MODIFICATIONS

SPECIFICATION MODIFICATIONS

To comply with the AWWA Manual and for the administration of the Testing Service Contract, the following items will be added to Guide Specification Section 15400, Plumbing, General Purpose:

2.1 REFERENCES (Specification par. 1.1)

*AMERICAN WATER WORKS ASSOCIATION (AWWA)
AWWA Cross Connection Control Manual (latest edition)
Cross Connection Control Committee, Pacific Northwest Section*

*WASHINGTON ADMINISTRATIVE CODE
WAC 246-290-490 Cross Connection Control*

2.2 PERFORMANCE REQUIREMENTS (Specification par. 1.3)

Backflow Prevention Assemblies (Specification par. 1.3.3)

Backflow Prevention Assemblies shall be approved by the Washington State Department of Health (D.O.H.) for installation in Washington State. The most current list of approved assemblies is available from the D.O.H.

2.3 SUBMITTALS (Specification par. 1.5)

Backflow Prevention Assemblies (BPA) Test

Test reports, in the form provided at the end of this section, showing name of the manufacturer of the BPA, the manufacturer's model designation, manufacturer's serial number, test date, test results, tester's name, and tester's certificate number.

2.4 BACKFLOW PREVENTERS (Specification par. 2.5)

Reduced pressure principle assemblies, double check valve assemblies, atmospheric (nonpressure) type vacuum breakers, and pressure type vacuum breakers shall be tested, approved, and listed in accordance with FCCHR-01 and in accordance with State of Washington Department of Health Standards. Backflow preventers with intermediate atmospheric vent shall conform to ASSE 1012. Reduced pressure principle backflow preventers shall conform to ASSE 1013. Hose connection vacuum breakers shall conform to ASSE 1011. Pipe applied atmospheric type vacuum breakers shall conform to ASSE 1001. Air gaps in plumbing systems shall conform to ASME A112.1.2. Provide equipment and size as

shown in the plans. *Backflow devices must be approved by Washington Department of Health for installation in Washington State.*

2.5 TESTS, FLUSHING, AND STERILIZATION (Specification par. 3.9)

Backflow Prevention Assembly (Specification par. 3.9.7)

All testable Backflow Prevention Assemblies (Reduced Pressure Backflow Assembly, Double Check Valve Assembly, and Pressure Vacuum Breaker) shall be tested and a test report form shall be completed. Test procedures and criteria shall be in conformance with recommendations published in AWWA Cross Connection Control Manual, Section 6, Requirements for Equipment Approval and Testing.