



1. INSTALLATION OF 3/4" TO 2" ASSEMBLIES REQUIRE BALL VALVES WITH TEST PORTS. 3" AND LARGER REQUIRE RESILIENT WEDGE (R.W.) VALVES.
2. ALL PIPING PRIOR TO & AFTER BACKFLOW PREVENTION ASSEMBLIES SHALL BE EITHER CEMENT LINED DUCTILE IRON PIPE, COPPER OR BRASS FOR THE SMALLER ASSEMBLIES. THIS INCLUDES ALL ASSEMBLIES.
3. ALL PIPING AFTER THE ASSEMBLY SHALL MEET THE LATEST EDITION OF PLUMBING, FIRE LINE & MECHANICAL CODES OF THE MUNICIPALITY.
4. ELECTRONIC SWITCHES MAY BE REQUIRED ON THE O.S.&Y. VALVES. CHECK WITH LOCAL FIRE MARSHAL AND/OR MUNICIPAL BUILDING DEPARTMENT.
5. ALL BACK FLOW PREVENTION DEVICES MUST BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
6. DEVICE SHALL BE INSTALLED DIRECTLY AFTER THE PROPERTY LINE OUTSIDE OF UTILITY EASEMENTS. INSTALLATION MUST BE PRE-APPROVED BY PUBLIC UTILITIES CUSTOMER SERVICE REPRESENTATIVE.
7. ALL BACKFLOW PREVENTION DEVICES MUST BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA. IF USED FOR DUAL WATER & FIRE SYSTEM, THEN INSTALLATION OF 3" AND ABOVE REQUIRE RISING STEM O.S.&Y., RESILIENT WEDGE VALVES WITH TEST PORTS.
8. REFER TO CITY OF WEST PALM BEACH BACKFLOW PREVENTION ORDINANCE FOR FURTHER INFORMATION.
9. ENGINEER OF RECORD MUST SUPPLY FLOW CALCULATION TO ESTABLISH ACCEPTABLE WATER VOLUME AND PRESSURE FROM THE WATER MAIN TO THE HOUSE OR BUSINESS. SUCH CALCULATIONS SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED ENGINEER.

REVISED:  
SEPT-2009

**WATER SERVICES - DOUBLE DETECTOR ASSEMBLY  
and METER INSTALLATION**

STANDARD  
DETAIL

ISSUED:  
SEPT - 2009

**CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.**

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