



**NOTES:**

1. PRESSURE VACUUM BREAKER CANNOT BE INSTALLED WHERE THERE CAN BE BACK PRESSURE, ONLY WHERE THERE CAN BE SIPHONING.
2. THE PRESSURE VACUUM BREAKER CAN HAVE SHUT-OFF VALVES DOWNSTREAM OF THE DEVICE.
3. THE PVB MUST BE INSTALLED AT LEAST 12" ABOVE THE HIGHEST OUTLET OR, IF IT IS FEEDING AN OPEN TANK, AT LEAST 12 INCHES ABOVE THE HIGHEST OVERFLOW RIM OF THE TANK.
4. FOR ROADWAY CROSSINGS, ALL POLYETHYLENE SERVICE LINES LESS THAN OR EQUAL TO 2 INCH SHALL BE INSTALLED IN A SCHEDULE 40 PVC SLEEVE. THE SLEEVE SHALL HAVE A NOMINAL DIAMETER OF A MIN. OF 1 INCH LARGER THAN THE SERVICE LINE DIAMETER, BUT NOT EXCEEDING 4 INCH NOMINAL DIAMETER. THE SLEEVE SHALL EXTEND A MINIMUM OF 12 INCHES BEYOND THE OUTSIDE EDGE OF THE ROADWAY PAVEMENT AND/OR CURBING. SEAL THE ANNULAR SPACE AT THE ENDS OF THE CASING USING A FERNCO TYPE COUPLING WITH STAINLESS STEEL CLAMPS.
5. PVB AND PIPING SHALL BE PAINTED.
6. ON SINGLE FAMILY RESIDENTIAL IRRIGATION SYSTEMS, THE BACKFLOW PREVENTER MAY BE INSTALLED ANYWHERE BETWEEN THE IRRIGATION METER AND THE HOUSE, BUT SHALL BE UPSTREAM OF ANY OUTLETS AND SHALL MEET ALL OTHER INSTALLATION REQUIREMENTS.
7. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB WHERE APPLICABLE. IN NO CASE SHALL IT BE INSTALLED UNDER CONCRETE OR ANY TYPE OF PAVEMENT.
8. THIS DETAIL TO BE USED ONLY WHEN POTABLE WATER IS THE ONLY SOURCE OF IRRIGATION.
9. PVB SHALL NOT BE INSTALLED IN THE RIGHT OF WAY.

SHOW ONLY IF IRRIGATION METER HAS SEPARATE TAP TO MAIN. IN MOST CASES THE IRRIGATION METER WILL BE PARALLEL TO THE POTABLE METER AND OFF OF THE SAME SERVICE CONNECTION.

**RESIDENTIAL IRRIGATION METER AND PRESSURE VACUUM BREAKER BACKFLOW PREVENTION ASSEMBLY (POTABLE WATER ONLY)**