



TEE FROM POTABLE WATER SERVICE ADJACENT TO THE HOME

SINGLE FAMILY RESIDENCE

PVB DEVICE

TYPE K COPPER PIPE AND FITTINGS, OR SCHEDULE 80 PVC PIPE AND FITTINGS

12" TO 30" ABOVE GRADE

12" MINIMUM ABOVE THE HIGHEST OUTLET

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. THE DEPTH OF COVER OVER THE CASING SHALL BE A MINIMUM OF 24 INCHES BELOW THE BASE COURSE OR 36 INCHES OF TOTAL COVER, WHICHEVER IS GREATER. SEAL THE ANNULAR SPACE AT THE ENDS OF THE CASING USING A FERNOCO 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.
10. SEMINOLE COUNTY UTILITIES REPAIRS AND MAINTAINS THE WATER MAINS AND WATER SERVICES UP TO AND INCLUDING THE WATER METER. IT IS THE UTILITY CUSTOMER'S RESPONSIBILITY TO MAINTAIN THE WATER LINE FROM THE METER TO THE HOUSE OR BUSINESS. ABOVE GROUND BACKFLOW PREVENTERS ARE THE CUSTOMER'S RESPONSIBILITY.

RESIDENTIAL & COMMERCIAL POTABLE IRRIGATION METER WITH PRESSURE VACUUM BREAKER PREVENTION ASSEMBLY FOR 3/4", 1", 1 1/2" AND 2" METERS