

MATERIALS		
ITEM	QUAN	DESCRIPTION
1	2	BALL VALVE
2	3	NO-LEAD BRASS OR COPPER ELBOWS
3		NO-LEAD BRASS OR COPPER PIPE CUT TO LENGTH
4	4	CLOSE NO-LEAD BRASS NIPPLES
5	1	NO-LEAD BRASS UNION
6	1	PRESSURE VACUUM BREAKER
7	2	TEST COCKS W/ NO-LEAD BRASS PLUGS
8	1	WATER METER
9	1	METER BOX
10		4" CONCRETE SLAB
11	1	PREFAB. ENCLOSURE BY HOT BOX OR EQUAL
12		DRAIN PORT

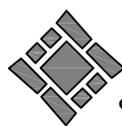
NOTES:

1. THE PRESSURE VACUUM BREAKER (PVB) CANNOT BE INSTALLED WHERE IT WILL BE SUBJECTED TO BACKPRESSURE. PVB SHOULD NOT BE USED AGAINST CONTAMINANTS. ONLY RPZ'S OR AIR GAPS.
2. EACH PVB SHALL BE INSTALLED IN ACCESSIBLE LOCATION TO FACILITATE INSPECTION AND SERVICING.
3. EACH PVB SHALL BE INSTALLED ON THE LINE TO THE IRRIGATION SYSTEM AND AT LEAST 12 INCHES ABOVE THE HIGHEST SPRINKLER HEAD OR OUTLET. (VALVES MAY BE LOCATED DOWNSTREAM FROM THE DEVICE).
4. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. THE BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
5. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER. UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE OTHER THAN BACKFLOW DEVICE TESTING.
6. ALL BACKFLOWS SHALL BE ENCLOSED.

TYPICAL OUTSIDE INSTALLATION
(3/4", 1", 1-1/2", & 2" SIZES)

PRESSURE VACUUM BREAKER BACKFLOW PREVENTER

STANDARD
CONSTRUCTION
DETAILS



CITY OF
savannah
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER:
W17