



MATERIALS		
ITEM	QUAN	DESCRIPTION
1	2	FULL PORT BALL VALVE
2	1	REDUCED PRESSURE ZONE DEVICE W/ DETECTOR & DETECTOR CHECK
3	4	NO-LEAD BRASS ELLS THREADED OR FLANGED
4	1	STRAINER (OPTIONAL) W/ RPZ DEVICE
5	6	NO-LEAD BRASS OR COPPER ONLY, NIPPLES CUT TO LENGTH
6	4	TEST COCKS W/ NO-LEAD BRASS PLUGS
7	1	DRAIN PORT
8		POLYETHYLENE OR COPPER
9	1	PREFABRICATED ENCLOSURE BY HOT BOX OR EQUAL
10	2	NO-LEAD BRASS UNION (SEE NOTE 3)
11		TRACER WIRE

NOTES:

1. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND BACKFLOW PREVENTER. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER.
2. UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE OTHER THAN BACKFLOW DEVICE TESTING.
3. ITEMS #4 AND #10 (THE STRAINER AND THE UNIONS) MAY BE INSTALLED ON THE VERTICAL RISERS TO REDUCE THE OVERALL LAYING LENGTH.

TYPICAL OUTSIDE INSTALLATION

REDUCED PRESSURE DETECTOR ASSEMBLY
FOR FIRE SYSTEM (2-1/2" AND SMALLER)

STANDARD
CONSTRUCTION
DETAILS



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

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER:
W20A