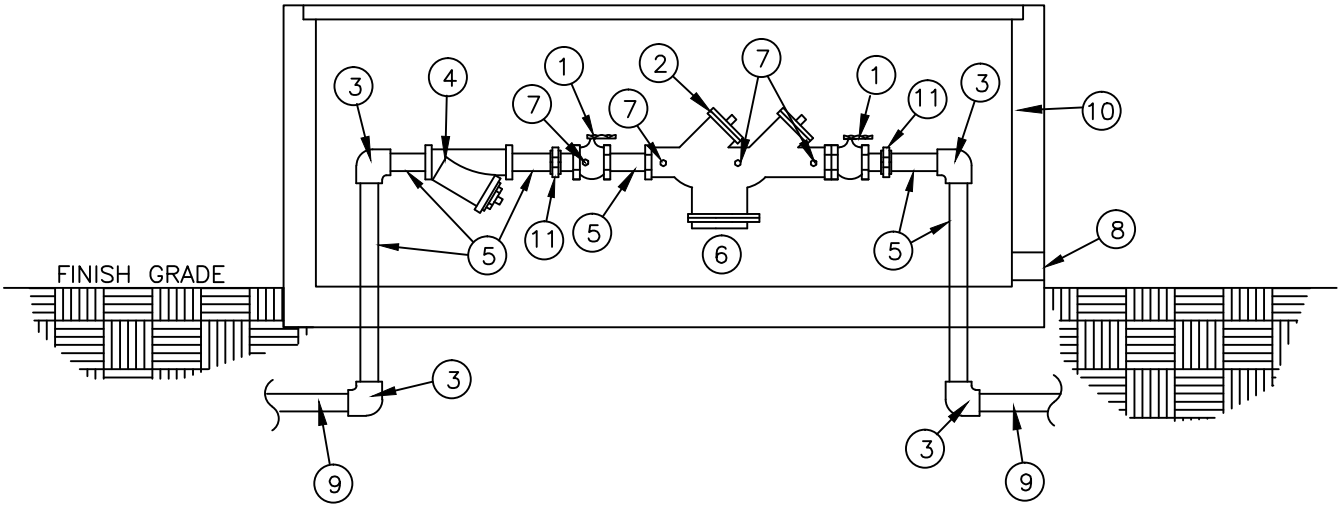

MATERIALS		
ITEM	QUAN	DESCRIPTION
1	2	FULL PORT BALL VALVE
2	1	REDUCED PRESSURE ZONE DEVICE
3	4	BRASS ELLS THREADED OR FLANGED
4	1	STRAINER W/ RPZ DEVICE(OPTIONAL), SEE NOTE 3
5	6	BRASS OR COPPER ONLY, NIPPLES CUT TO LENGTH
6		MIN.12" CLEARANCE
7	4	BRASS PLUGS INSERTED IN TEST COCKS
8		2" X 2" DRAIN
9		POLYETHYLENE OR COPPER
10	1	PREFABRICATED ENCLOSURE BY HOT BOX OR EQUAL
11	2	UNION, SEE NOTE 3

NOTES:

1. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A 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 11 (THE STRAINER AND THE UNIONS) MAY BE INSTALLED ON THE VERTICAL RISERS TO REDUCE THE OVERALL LAYING LENGTH

TYPICAL OUTSIDE INSTALLATION REDUCED PRESSURE TYPE BACKFLOW PREVENTION DEVICE (3/4", 1", 1 1/2", 2", & 2 1/2" SIZES)

REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER FOR DOMESTIC SYSTEM

STANDARD CONSTRUCTION DETAILS

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

SCALE: N.T.S.
DATED: SEP 2013
PLATE NUMBER: W16