



NOTES:

1. ASSEMBLY SHALL BE A USC APPROVED LEAD FREE DEVICE.
2. THE RP SHALL BE INSTALLED ABOVE GRADE AND NOT IN A BASEMENT.
3. A DAYLIGHT DRAIN IS REQUIRED AND A FLOOR DRAIN IS RECOMMENDED. DAYLIGHT DRAIN SHOULD BE NO SMALLER THAN THE RP DEVICE THAT IS INSTALLED.
4. NO STOP AND WASTE VALVES.
5. AN AIR GAP (VERTICAL PHYSICAL SEPARATION) OF AT LEAST 2 TIMES THE DIAMETER OF THE RELIEF VALVE OPENING, IF THE PIPE IS AFFECTED BY SIDE WALLS, CLEARANCE SHALL BE AT LEAST THREE TIMES THE EFFECTIVE DIAMETER OF THE PIPE, A MINIMUM OF 1" SHALL BE MAINTAINED BETWEEN THE WATER DISCHARGE POINT ON THE RELIEF VALVE AND THE DRAIN OR MAXIMUM FLOOD LEVEL, WHICHEVER IS HIGHEST.
6. CALL LOCAL BUILDING AND/OR FIRE DEPARTMENTS FOR DEPTH AND TYPE OF PIPE TO BE USED.
7. INSPECTION BY TMWA BACKFLOW PREVENTION GROUP PERSONNEL REQUIRED BEFORE METER IS SET OR SERVICE IS ACTIVATED.
8. TESTING OF BACKFLOW ASSEMBLY REQUIRED WITHIN 7 DAYS AFTER METER IS SET OR SERVICE ACTIVATION. COPY OF TEST RESULTS TO BE FORWARDED TO TMWA BACKFLOW PREVENTION GROUP PERSONNEL BY A CERTIFIED ASSEMBLY TESTER WITHIN THAT SAME TIMEFRAME.
9. MINIMUM THRUST BLOCK DIMENSIONS FOR PIPE 2" AND SMALLER SHALL BE 8" X 8" AND 12" IN DEPTH. ALL OTHER SIZES TO BE DETERMINED BY ENGINEER.
10. THERMAL EXPANSION PROTECTION IS REQUIRED IN ANY DOMESTIC WATER SUPPLY SYSTEM THAT IS DOWNSTREAM FROM A BACKFLOW PREVENTION DEVICE. REFERENCE: UNIFORM PLUMBING CODE AND NAC 445A.67235.



DATE
7/2001
REV
9/2016

APPENDIX 10A
 BACKFLOW PREVENTION ASSEMBLIES
 REDUCED PRESSURE PRINCIPLE
 ASSEMBLY
 INTERNAL - RETROFIT ONLY

DRAWING NUMBER
10A-4