



NOTE:  
 EPA - SWDA of 1974, Section 1417 (d) Amended 1-4-2014:  
 All (wet) domestic brass plumbing fixtures not limited to  
 Backflow Prevention Assemblies shall contain no greater than <0.25%  
 total lead content.  
 Town of Gilbert Backflow Prevention Department

**LIST OF MATERIALS**

- 1 APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, BALL VALVES INCLUDED.
- 2 INLET AND OUTLET PIPING SHALL BE OF POTABLE WATER TYPE AS DEFINED BY THE INTERNATIONAL PLUMBING CODE.
- 3 TEST LEADS SHALL BE INSTALLED IN ALL TEST COCKS WITH CAPS.
- 4 ADEQUATE DRAINAGE MUST BE INSTALLED TO ACCOMMODATE RELIEF VALVE WITH MINIMUM 1" AIR GAP, SEE MANUFACTURE RECOMMENDATIONS.
- 5 NO COPPER PIPING SHALL BE INSTALLED ON CARBONATOR APPLICATIONS, DOWNSTREAM OF REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER.

**GENERAL NOTES**

- 1. ASSEMBLY SHALL BE SECURED TO A FIXED STRUCTURE.
- 2. ASSEMBLY SHALL NOT BE INSTALLED IN A POTENTIAL FLOOD ZONE OR CONFINED SPACE.
- 3. ASSEMBLY SHALL BE LOCATED IN AN ACCESSIBLE LOCATION FOR MAINTENANCE, TESTING, AND PROPER DRAINAGE.
- 4. ASSEMBLY SHALL BE A MINIMUM 12" FROM FLOOR GRADE, AND NO GREATER THAN 60" IN HEIGHT.
- 5. ASSEMBLY SHALL BE NO LESS THAN 4" IN DISTANCE FROM AN ADJACENT STRUCTURE.
- 6. ASSEMBLY SHALL BE TESTED BY A CERTIFIED TESTER RECOGNIZED BY THE TOWN OF GILBERT, BEFORE FINAL APPROVAL IS GIVEN.

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<b>DETAIL NO.</b> 83-1	<b>TOWN OF GILBERT</b> <b>STANDARD DETAIL</b>	<b>REDUCED PRESSURE PRINCIPLE</b> <b>DEVICE FOR INTERNAL USE ONLY</b>	<b>REVISED 03/21/2016</b>	<b>DETAIL NO.</b> 83-1
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