



BASIC LIST OF MATERIALS:

1. Approved Reduced Pressure Principle Backflow Prevention Assembly, Ball Valves Included.
2. Pipe Spool with 2 Unions (Brass or Copper), Type K Hard Copper, 3/4-Inch Through 2-Inch.
3. 90° Elbow, Copper, 3/4-Inch Through 2-Inch.
4. Install Brass Plugs In Each Testcock. (4 Required)

GENERAL NOTES:

1. Backflow Assemblies Must Be Tested By A Certified Tester That Is Recognized By The Apache Junction Water District (AJWD).
2. Approved Backflow Assembly Per The University of Southern California Foundation of Cross-Connection Control and Hydraulic Research (FCCCHR) List for "RP" Assemblies.
3. The "RP" Assembly is Owned, Installed, and Maintained By The Customer As A Condition of Providing Water Service.
4. The "RP" Assembly Will Be Located As Close To The Water Meter As Possible With No Connections Between The Meter And The "RP" Assembly.
5. Copper Fittings Will Be Connected With Lead Free Solder Joints.
6. Finished Grade Underneath The Backflow Preventer Shall Be At 95% Compaction.
7. All Nipples To Be Copper Or Brass.
8. All Inlet / Outlet Piping Must Be Type 'K' Hard Copper.
9. Backflow Assemblies Installed On A Concrete Pad Will Have The Copper Pipe Wrapped Or Sleeved Where It Penetrates The Concrete.
10. Approvals For Backflow Assemblies Must Have Seal Approval From The American Society Of Sanitation Engineers.
11. Backflow Assemblies Installed On Fire Suppression Systems Must Also Have Approval From Underwriters Laboratories And/or Factory Mutual Research Corporation.



STANDARD DETAIL

FOR THE INSTALLATION OF

**REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION
FOR 2-INCH AND SMALLER SERVICE CONNECTIONS**

DRAWN BY:

CB

APPROVED BY:

ML

DATE:

10-25-2021

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