



**BASIC LIST OF MATERIALS:**

1. Approved Reduced Pressure Principle Backflow Prevention Assembly.
2. Resilient Seated Gate Valve, O.S. & Y. (Fire Line Connection). N.R.S. (Non-Fire Line)
3. 90° Ell. Flanged D.I.P., 3-Inch Thru 10-Inch, Megalug Or Approved Equal May Be Used On Underground Joints.
4. Pipe Spool, Flanged D.I.P., 3-Inch Thru 10-Inch, Megalug Or Approved Equal May Be Used On Underground Joints.
5. Flanged Adapter (when Required)
6. Test Cocks With Brass Plugs Or Adaptors With Caps Installed. (4 Required)
7. Adjustable Metal Pipe Supports And Concrete Block Supports With 1" Adjusting Rod And Nut On Assemblies 4" And Larger.

**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. Finished Grade Underneath The Backflow Preventer Shall Be At 95% Compaction.
6. Approvals For Backflow Assemblies Must Have Seal Approval From The American Society Of Sanitation Engineers.
7. 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 3-INCH THRU 10-INCH SERVICE CONNECTIONS**

DRAWN BY:  
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APPROVED BY:  
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DATE:  
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