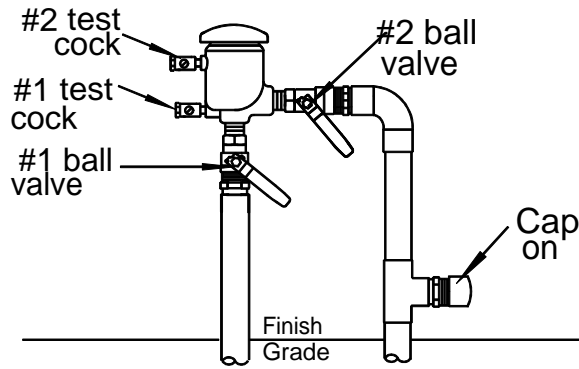
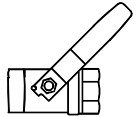


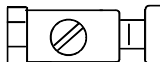
Step 4. Valve and Test Cock Winter positions



1. Leave both ball valves open at 45 degrees.
2. Leave both test cocks open at 45 degrees.
3. Replace cap on upstream air injection port.
4. Replace cap on the downstream air injection port.



**Ball Valve
open at 45°**



**Test Cock
open at 45°**

This pamphlet is designed to be a guide to help prevent damage to backflow prevention assemblies due to winterization techniques and practices. CBPA cannot be responsible for any damage which may occur to any backflow prevention assembly, irrigation system, plumbing system or component thereof as a result of using these guidelines.

Colorado Backflow Prevention Association

Visit us: www.backflow.org

Contact us: info@backflow.org

Or visit the
American Backflow Prevention Association
www.abpa.org

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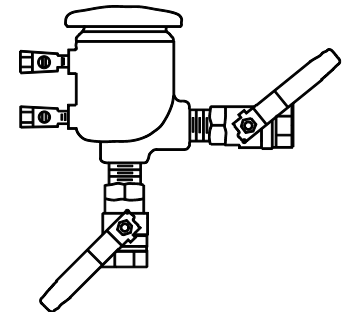
Colorado Backflow Prevention Association

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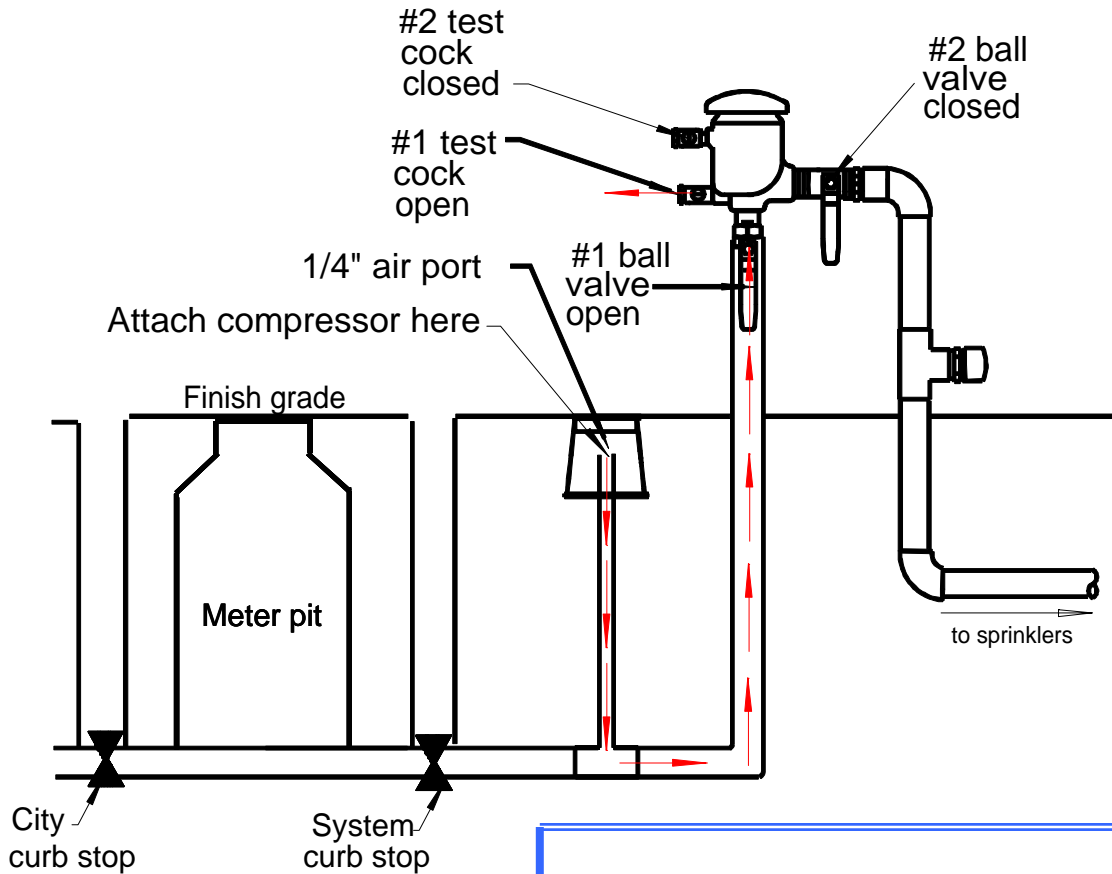


Winterizing Irrigation Backflow Prevention Assemblies on City Mainlines



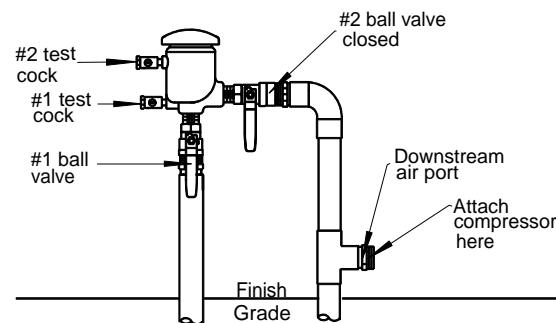
**Pressure Vacuum
Breaker**

Step 1. Evacuate Water Upstream of PVB

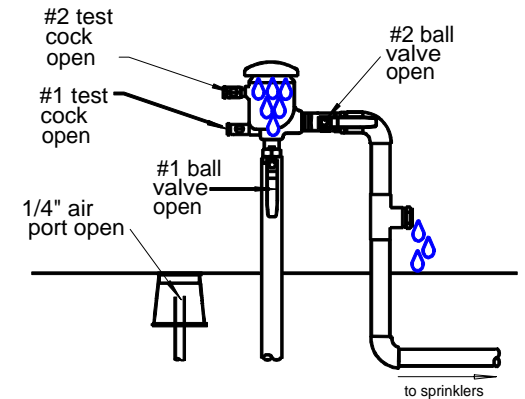


1. Open #1 test cock.
2. Attach compressor to upstream air injection port.
3. At very low pressure, inject enough air into the air port to evacuate water between curb stop and PVB.
4. Disconnect compressor from upstream air port.

Step 3. Attach Compressor and Purge Water from System



Step 2. Drain Water from PVB



1. Leave upstream air port open.
2. Leave the #1 ball valve open.
3. Open test cocks #1 and #2.
4. Remove downstream air port cap.
5. Water will drain from PVB and piping.

1. **CLOSE THE #2 BALL VALVE.**
2. Attach air compressor to downstream air port.
3. Set the first station on the sprinkler timer to "Run."
4. Turn on the air from the air compressor.
5. Using the sprinkler timer, run each zone until only air comes out of the heads.

Continued on Back