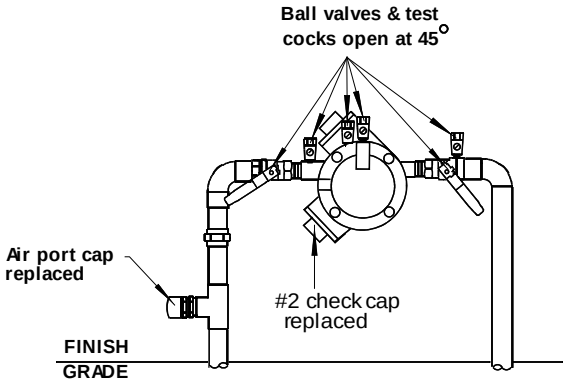
Step 4. Valve and Test Cock Winter Positions



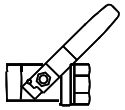
1. Replace the upstream air injection port cap.

2. Leave both ball valves and all four test cocks open at 45 degrees.

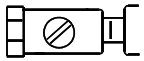
3. Replace the downstream air injection port cap.

4. Tighten relief cover bolts.

5. Tighten #2 check cap.



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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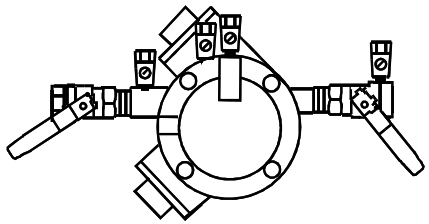
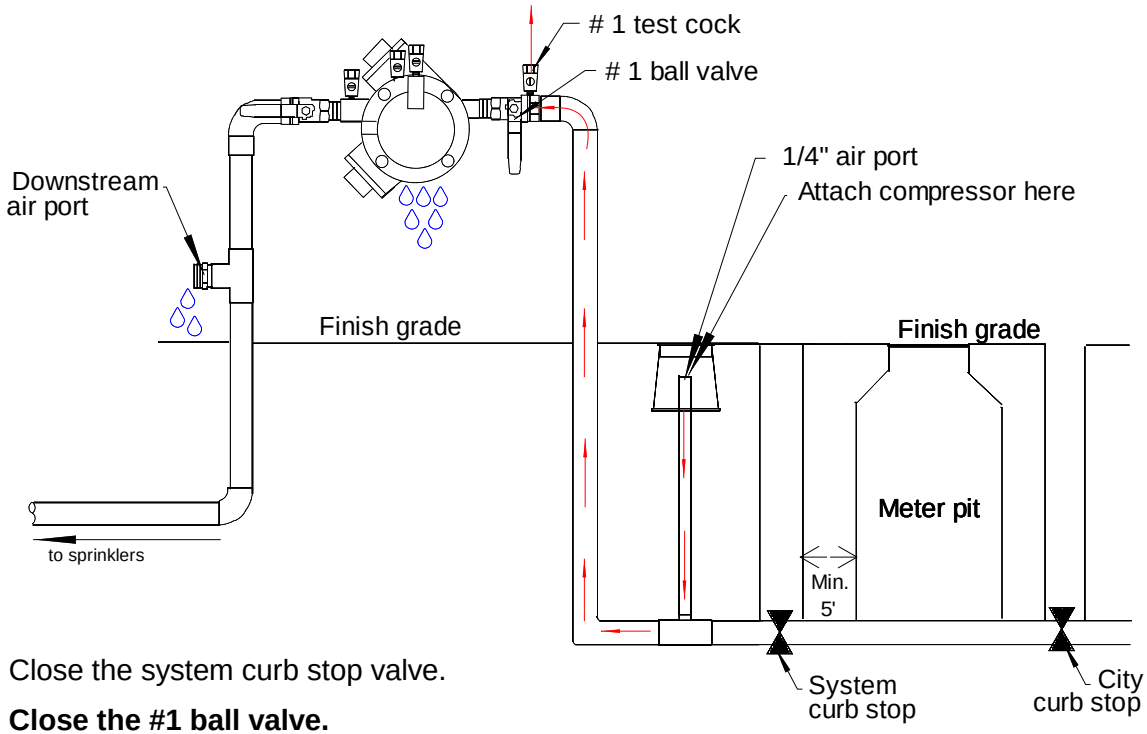
Colorado Backflow Prevention Association

Winterizing Irrigation Backflow Prevention Assemblies on City Mainlines



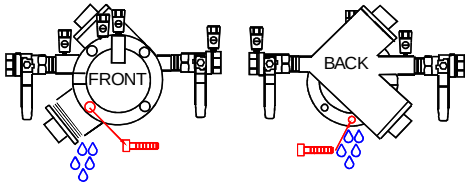
Reduced Pressure Assembly

Step 1. Evacuate Water Upstream of RP



1. Close the system curb stop valve.
2. **Close the #1 ball valve.**
3. Open the #1 test cock.
4. Attach compressor hose to 1/4" upstream air port and evacuate water between curb stop and #1 test cock.
5. Disconnect compressor hose from 1/4" upstream air port.
6. Open the #1 ball valve.
7. Open all four cocks. Some water will drain from relief valve.
8. Remove cap from downstream air port.
9. Allow water to drain.

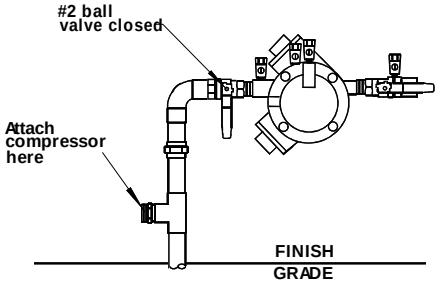
Step 2. Drain #2 Check & Relief Valve



1. Loosen or remove #2 check cover until water drains from check body.
2. With all test cocks open, loosen all bolts on relief valve cover. Some water will drain.
3. Remove one of the lower bolts.
4. Thread that bolt into the threaded hole on the back of the relief valve body until diaphragm breaks free.
5. Allow remaining water to drain from relief valve.

NEVER INJECT AIR INTO A BACKFLOW ASSEMBLY!

Step 3. Attach Compressor & Purge Water from System



1. CLOSE THE #2 BALL VLAVE.

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