



NOTES:

- Ⓐ East Valley Water District will install and maintain service from the water main to the meter box.
- Ⓑ Consumer will install and maintain the service lateral from behind the meter box to the building, including the reduced pressure principle backflow prevention assembly.
- Ⓒ Reduced pressure principle backflow prevention assembly with resilient seated shut-off valves. Location of device is to be approved by the District.

1. The assembly must be inspected and approved by EVWD immediately after installation. The assembly must be tested by a certified backflow tester, issued by the administrative authority having jurisdiction.
2. No connections or tees are permitted between the meter and backflow preventer. Strainers will be reviewed on an individual basis.
3. Prior to installation of assembly, the water service shall be flushed.
4. A manifold connection with duplex units should be installed if an uninterrupted supply of water is necessary.
5. If needed, a pressure relief valve shall be installed after the backflow device, per section 1007 of the Uniform Plumbing Code.
6. Backflow device shall have a 18" clearance around all sides from any obstructions that may block or prohibit any maintenance or testing.

TYPICAL INSTALLATION OF REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY

REV: 5/22/2024 MA/ENGINEERING - SECURED/STANDARDS/DWG/2024 UPDATE/WATER/W-114 R.P.P. BACKFLOW DEVICE_2024.DWG



EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT

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 REVISION

EVWD
 STD. DWG.
 W-114

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