



**REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) INSTALLATION**

These specifications are to be followed for all water service backflow protection installations utilizing a RPDA.

1. A permit is required before installing or replacing a backflow assembly. Permits shall be obtained at Tucson Water, 310 W. Alameda.
2. The RPDA shall be installed outside, above ground, as close to the water meter or service connection as possible and on private property unless otherwise authorized. (Right-of-ways are not private property.)
3. There shall be no other piping connected to the piping between the meter and the backflow assembly except for parallel assembly installations.
4. Installations shall meet current plumbing codes and fire codes as applicable in addition to Tucson Water's Standard Details.
5. Installations shall be left exposed until inspected and approved by Tucson Water.
6. Protective cages are optional, and will meet clearance, access and drainage requirements.
7. It is recommended that backflow assemblies be protected from the elements. Care shall be taken to ensure that the protection does not hinder operation of the assembly.
8. Before installing a backflow assembly on any fire system, consult with the fire authority for additional requirements. (ie: os & y shut offs, alarms etc.)
9. The installation of a backflow assembly may create a closed system. Consult local plumbing codes for pressure relief valve and thermal expansion requirements.
10. For additional information contact the Backflow Prevention Section at (520) 791-2650.

<b>ISSUED:</b>		<b>STANDARD DETAIL BACKFLOW PREVENTION REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) INSTALLATION</b>		<b>DETAIL NO.</b>
9/04				<b>SD-1804</b>
<b>REVISED:</b>				<b>SHEET 1 OF 1</b>
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