

## **Landscape and Irrigation Requirements**

These are the minimum conditions for plumbing a landscape or irrigation system in order to comply with the city ordinances and the standard plumbing code.

1. Owners may obtain a permit for work on a personal residence ONLY. All RENTAL and COMMERCIAL property work MUST be permitted by licensed contractors.
2. All shut-off valves, zone valves, and double-check assembly valves are to be installed in preformed boxes so as to be readily accessible for inspection, testing, servicing and/or replacement.
3. All Pressure Vacuum Breaker (PVB) valves shall be installed a minimum of 12 inches above the highest head.
4. A shut-off valve shall be installed in an irrigation system between the service tie-in and the PVB valve.
5. An approved backflow preventer is required on all systems using either a public or private water supply.
6. All backflow preventers SHALL be ASSE, AWWA, or USC approved.
7. THE ENTIRE IRRIGATION SYSTEM SHALL REMAIN UNCOVERED UNTIL AFTER IT IS INSPECTED AND APPROVED.
8. Trenches required to be left open overnight WILL BE properly barricaded and the piping anchored down with dirt in the areas between the joints.
9. All systems MUST be installed a minimum of 12 inches below finished grade, and shall be supported throughout its entire length on the trench bottom.
10. All PVC pipe shall be a minimum of Schedule 40 - 160 PSI/ASTM approved service pipe.
11. A maximum of 24 inches of Polyethylene pipe may be used to connect heads to the irrigation system.
12. Index - Directional Valves (IDVs) MAY BE USED with systems on private wells. The IDV shall be installed a minimum of 6 inches above the highest head. Where an IDV is used, a backflow preventer is not required.