



## **CHAPTER 15.12**

### **PLUMBING CODE**

#### **Sections:**

#### **15.12.010 International Plumbing Code adopted.**

**15.12.010 International Plumbing Code Adopted.** That certain code adopted entitled "International Plumbing Code" 2003 Edition, copyrighted by the International Code Council, is adopted as the International Plumbing Code of the City together with the following amendments:

### **CHAPTER 3**

#### **GENERAL REGULATIONS**

**Section 301.3 connections to drainage system.** Is deleted in its entirety and replaced with the following:

**Section 301.3 connections to drainage system.** All plumbing fixtures, drains, appurtenances, and appliances used to receive or discharge liquid waste or sewage shall be connected properly to the drainage system of the building or premises, in accordance with the requirements of this code. This section shall not be construed to prevent indirect waste systems provided for in Chapter 8.

**Exception 1.** Bathtubs, showers, lavatories, clothes washers and laundry sinks shall not be required to discharge to the sanitary drainage system where such fixtures discharge to an approved gray water recycling system, installed as set forth by the Arizona Department of Environmental Quality standards for a type I reclaimed water general permit or type III reclaimed water general permit.

**Section 301.3.1 dual drainage systems.** Add this section to read as follows:

**Section 301.3.1 dual drainage systems.** All one and two family dwellings, town homes and duplexes on individual lots capable of meeting the best management practices of the Arizona Department of Environmental Quality type I reclaimed water general permit shall be provided with a means of connection, with a diverter valve, to an approved gray water system. The means of connection to a gray water system shall be installed so that access to such a system can be made without the need to retrofit the drainage system. The means of connection and diverter valve shall be clearly labeled by signage that reads "gray water access only" with a minimum of ¼ inch letters. If installed, a gray water system shall be installed in accordance to the Arizona Department of Environmental Quality standards for a type I or type III system.

A Planned Area Development (PAD) may propose alternative water conservation systems, other than dual type plumbing systems, as part of its Master Development Plan. The City Council may waive the dual type plumbing system requirement as part of its approval of the PAD and/or development agreement upon finding that the project will incorporate superior water conservation, re-use and/or recharge features, including a reclaimed water system serving the PAD. Among the factors the City Council will evaluate include:

- a. The greater efficiency of a master planned community-wide application of water conservation, re-use and recharge features, demonstrating responsible use of reclaimed water as provided for in the approved Master Development Plan.
- b. The reclaimed water is not used for golf course irrigation, unless the course was previously approved and vested prior to the date of adoption of this Ordinance.
- c. That all City Council requirements be formalized in the PAD approval, Development Agreement approval and the community's Covenants, Conditions and Restrictions (CC&R'S).
- d. The installation of any re-use system or reclaimed water system is approved by and installed to all Federal, State, County and Municipal standards as they apply.

**Exception 1.** Any plumbing fixture used to receive sewage shall not be provided with the means of connection to any gray water system.

## **CHAPTER 6**

### **WATER SUPPLY AND DISTRIBUTION**

**Section 602. Water required. Add the following section.**

**Section 602.3.5.2 Recirculation systems.** All one and two family dwellings and multi-family residential dwellings shall be equipped with **one** of the following methods to provide for re-circulated water for the domestic water supply:

1. Install an approved automatic re-circulating system.
2. At the most remote plumbing fixture from the water heater that is able to supply hot water, install an electrical outlet under the sink to allow for the installation of an approved water recirculation device.