

Water Service

- 1) **P2903.9.1 Service valve.** Each *dwelling unit* shall be provided with an accessible main shutoff valve near the entrance of the water service. The valve shall be of a full-open type having nominal restriction to flow, with provision for drainage such as a bleed orifice or installation of a separate drain valve. Additionally, the water service shall be valved at the curb or property line in accordance with local requirements.



- 2) **P2503.7 Water-supply system testing.** Upon completion of the water-supply system or a section of it, the system or portion completed shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, for piping systems other than plastic, by an air test of not less than 50 psi (345 kPa). This pressure shall be held for not less than 15 minutes.
- 3) **603.2 Separation of water service and building sewer.** Water service pipe and the *building sewer* shall be separated by 5 feet (1524 mm) of undisturbed or compacted earth.

Exceptions:

1. The required separation distance shall not apply where the bottom of the water service pipe within 5 feet (1524 mm) of the *sewer* is a minimum of 12 inches (305 mm) above the top of the highest point of the *sewer* and the pipe materials conform to Table 702.3.
2. Water service pipe is permitted to be located in the same trench with a *building sewer*, provided such *sewer* is constructed of materials listed in Table 702.2.
3. The required separation distance shall not apply where a water service pipe crosses a *sewer* pipe, provided the water service pipe is sleeved to at least 5 feet (1524 mm) horizontally from the *sewer* pipe centerline on both sides of such crossing with pipe materials listed in Table 605.3, 702.2 or 702.3.

