**ICC PLUMBING CODE SECTION 603 WATER SERVICE

603.1 Size of water service pipe.**
The water service pipe shall be sized to supply water to the structure in the quantities and at the pressures required in this code. The water service pipe shall be not less than 3/4 inch (19.1 mm) in diameter.  **603.2 Separation of water service and building sewer.**
Water service pipe and the *building sewer* shall be separated by not less than 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 not less than 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 a point not less than 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.

**603.2.1 Water service near sources of pollution.**

Potable water service pipes shall not be located in, under or above cesspools, septic tanks, septic tank drainage fields or seepage pits (see Section 605.1 for soil and groundwater conditions).