

LOCAL TECHNICAL AMENDMENT

FLORIDA BUILDING CODE 5th EDITION (2014) - RESIDENTIAL

AMEND EXISTING SECTION

P2903.1 Water supply system design criteria. The water service and water distribution systems shall be designed and pipe sizes shall be selected such that under conditions of peak demand, the capacities at the point of outlet discharge shall not be less than shown in Table P2903.1.

EXCEPTION: For any one, two or three residential family dwellings. When the building owner approves in writing, one bathroom group may be added to the existing hot and cold water system, not to exceed a maximum of eight drainage fixture units for any fixtures added. In no case shall the additional fixtures be connected to existing piping less than ¾" diameter (Hot and/or Cold).

P2903.1.1 Applicable Sizes. The requirements of P2903.1 in the following sizes shall apply when connected to an existing approved potable system.

1. All Building Department permitted and approved onsite potable drinking water piping two-inch (2") diameter and greater than one hundred fifty (150) lineal feet in length.
2. All Building Department permitted and approved onsite potable drinking water piping of greater than two-inch (2") diameter and greater than fifty (50) lineal feet in length.
3. All Building Department permitted and approved onsite potable drinking water piping in size(s) and length(s) adequate to contain twenty (20) gallons or more. (Volume = .0408 x diameter² x length in feet).
4. Any size or length water pipe that has been subjected to contamination will require disinfection.

Local Conditions and Need: This amendment allows building owners flexibility when adding one bathroom group to an existing hot and/or cold system. It also strengthens this section by clarifying that disinfection is not required every time work is performed on a plumbing system. This makes the section more stringent because it clarifies what was a wide range of interpretations. Materials in the code and installation procedures will not change.

Fiscal Impact Statement: This allows a cost reduction by recognizing that a plumbing system test may not be required every time work is done on a potable plumbing line.

Effective Date: Effective date of Florida Building Code 5th Edition (2014) - Residential.

This amendment if implemented would not discriminate against materials, products, or construction techniques of demonstrated capabilities.