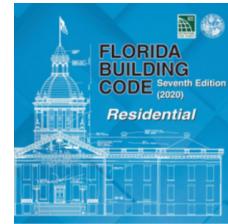




## Office of Building Services

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**Florida Residential Plumbing Code, 7th Edition**  
**2017-2020 Significant Changes**



### **P2503.7 Water-Supply System Testing**

Testing with compressed gas shall be an alternative to hydrostatic testing where compressed air or other gas pressure testing is specifically authorized by manufacturer's instructions.

### **P2605 Sway Bracing for Drainage Piping/Clarification**

Where horizontal pipes four inches (4") and larger convey drainage or waste, and where pipe fitting changes the flow direction greater than 45 degrees, rigid bracing or other rigid support arrangements shall be installed to resist movement of the upstream pipe. A change in flow direction onto a vertical pipe shall not require the upstream pipe to be braced.

### **P2704.1 Slip-Joint Connections**

Slip joint connections shall be installed only for tubular waste piping and only between the trap outlet of a fixture and the connection to the drainage piping. Slip joint connections shall be made with an approved sealing gasket. Slip joint connections shall be accessible with an opening that is not less than twelve inches (12") in its smallest dimension.

### **P3201.1 Design of Traps**

Traps having slip joint connections shall comply with Section P2704.1.

### **P2713.1 Bathtub Waste Outlets and Overflows**

Overflow outlets are no longer required for bathtubs. Bathtubs shall be equipped with a waste outlet that is not less than 1 ½ inches (1.5") in diameter. The outlet shall be equipped with a watertight stopper. Where an overflow is installed the overflow shall be not less than 1 ½ inches (1.5") in diameter.

### **P2801.6 Required Pan**

Plastic safety pans are now allowed under gas water heaters, provided the material falls within the prescribed flame spread and smoke-developed indices. A plastic pan beneath a gas fired water heater shall be constructed of material having a flame spread index of 25 or less and a smoke developed index of 450 or less when tested in accordance with ASTM E84 or UL723.

### **P2903.5 Water Hammer**

A water hammer arrestor shall be installed where quick closing valves are utilized.

### **P2906.6.1 Saddle Tap Fittings**

The use of saddle tap fittings and combination saddle tap and valve fittings shall be prohibited.

### **P2906.18.2 Joints Between PVC Water Service and CPVC Water Distribution**

Where a PVC water service pipe connects to a CPVC pipe at the beginning of a water distribution system, the transition shall be by a mechanical fitting, approved adapter fitting, transition fitting or a single solvent cemented transition joint.

### **P3003.2 Prohibited Joints**

Solvent cement joints between different types of plastic except where provided for in this section P3003.13.4.

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#### **P3003.13.4 Plastic Pipe or Tubing Connected to Other Piping Material**

A solvent cement joint is now permitted for joining abs and PVC piping at the connection of the building drain to the building sewer.

#### **P3005.1.6 No Reduction in Pipe Size in the Direction of Flow**

4 X 3 water closet flange, 4 x 3 water closet bend fitting and offset closet flange are not considered reduction in size in direction of flow.

#### **P3103.1 Vent Pipes Terminating Outdoors**

Vent pipes terminating outdoors shall be extended to the outdoors through the roof or a side wall of the building.

##### **P3103.1.1 Vent Pipe Roof Extensions**

Open vent pipes that extend through the roof and do not meet the conditions of Section P3103.1.2 or P3103.1.3 shall terminate not less than six inches (6") above the roof.

##### **P3103.1.2 Roof Used for Recreational Purposes**

Where a roof is to be used for assembly or as a promenade, observation deck, sunbathing deck or similar purposes open vent pipes shall terminate not less than seven feet (7') above the roof.

##### **P3101.1.3 Open Vent Roof Extension Covered**

Where an open vent pipe terminates above a sloped roof and is covered by either a roof mounted panel such as a solar panel, architectural feature, or a decorative shroud the roof vent shall terminate not less than two inches (2") above the roof surface and must be protected by a method to prevent birds and rodents from entering or anything from blocking the vent pipe opening.

##### **P3103.1.4 Side Wall Vent Termination**

Vent terminals extending through the wall shall terminate not closer than ten feet (10') from a lot line and not less than ten feet (10') above the highest-grade elevation within any direction horizontally of the vent terminal. Vent terminals shall not terminate under the overhang of a structure where the overhang includes soffit vents. Such terminals shall be protected by a method that prevents birds and rodents from entering or blocking the vent pipe opening and does not reduce the open area of the vent pipe.

#### **P3111.1 Type of Fixtures**

A combination waste and vent system shall serve floor drains, sinks, lavatories, and drinking fountains and can be considered as a vent for those fixtures but shall not exceed the limitations of Table P3105.1.

##### **P3111.1.1 Single Fixture Systems**

A horizontal fixture drain shall be considered to be a combination waste and vent system, provided that the fixture drain size complies with Table P3111.3.

##### **P3111.2 Installation**

The only vertical pipe of a combination waste and vent system shall be the connection between a fixture drain and a horizontal combination waste and vent pipe. The length of the vertical pipe shall be not greater than eight feet (8').

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**P3111.2.1 Slope**

The slope of a horizontal combination waste and vent piping shall be not greater than  $\frac{1}{2}$  unit vertical in 12 units horizontal (4 percent slope) and shall be not less than indicated in Section P3005.2.

**P3111.2.2 Vent Connection**

A combination waste and vent system shall be provided with a dry vent connected at any point within the system or the system shall connect to a horizontal drain or building drain that serves vented fixture located on the same floor.

**P3111.2.3 Vent Size**

The dry vent connected to the combination waste and vent system shall be sized for the total drainage fixture unit load in accordance with section.

**P3111.3 Size and Length**

The size of a combination drain and vent piping shall be not less than that specified in Table 3111.3. The horizontal length of the combination drain and vent system shall be unlimited.