

SUMMARY OF PLUMBING CODE CHANGES

2004

The base document for the *Florida Building Code, Plumbing*, has been updated to the 2003 *International Plumbing Code*.

307.4 Alteration to trusses. No alteration to truss members and components without written concurrence and approval of a registered design professional.

312.1.1 Test gauges.

- ✓ Added requirements for test gauges.

314 Condensate disposal

- ✓ Added requirements for condensate disposal—identical to *Florida Building Code, Mechanical* Section 307 (Condensate Disposal)

316.1 General.

- ✓ Irrigation/sprinkler systems and risers for spray heads shall not be installed within 1 foot (305 mm) of the building sidewall.

403.7 Unisex toilet & bathing rooms.

- ✓ Fixtures located within unisex toilet and bathing rooms shall be included in determining the number of fixtures provided in an occupancy.

406 Automatic clothes washers

- ✓ Requires a minimum 2" diameter trap and fixture drain for standpipe
- ✓ Requires that the fixture drain connect to a minimum 3" in diameter branch drain or drainage stack

410.1 Approval [Drinking fountains]. Bottled water dispensers permitted to substitute for not more than 50% of the required drinking fountains

417.3 Shower waste outlet.

- ✓ Shower drain waste outlet reduced from 2 inches to 1-1/2 inches Liners shall be pitched one-fourth unit vertical in 12 units horizontal (2-percent slope) toward the fixture drains.

424.3 Shower valves.

- ✓ Master thermostatic mixing valves must comply with ASSE 1017.

504.6.1 Discharge [water heater]

- ✓ Relief valve allowed to discharge to water heater pan.

603.2 Separation of water service and building sewer.

- ✓ Allows water service pipe to be in same trench with building sewer (if using materials listed in Table 702.2)
- ✓ Required separation distance doesn't apply provided the water service pipe is sleeved to at least 5 feet (using materials listed in Tables 605.3, 702.2 or 702.3).

605 Materials, Joints & Connections Deleted water compatibility section, which stated that water service pipe and distribution pipe shall be resistant to corrosive and degrading action from the potable water supplied by the water purveyor or individual water supply system.

701.9 Drainage piping in food service areas.

- ✓ Prohibits exposed drainage piping above working, storage or eating surfaces in food service establishments.

710.3 Underground drainage piping.

- ✓ This section was in the 2001 FBC, P and has been deleted thereby removing the requirement for minimum 2-inch drains underground

912.1 Type of fixtures.

- ✓ No food waste grinders, clinical sinks or standpipes permitted on combination drain and vent systems.

1003 Grease interceptors & separators. Adds requirement for a solids interceptor to separate the discharge before connecting to the grease trap

- ✓ Adds ASME A112.14.3 or ASME A112.14.4 to grease trap standards
- ✓ Maximum volume for grease interceptors is 1250 gallons.
- ✓ Interceptors shall be constructed in accordance with Rule 64E-6, Florida Administrative Code.
- ✓ Inlet piping shall connect to a tee sweep or baffle that extends 24 inches below the water level.

Table 1106.7 Sizing Scuppers

- ✓ Sizes provided for a 5" per hour rate of rainfall

PLUMBING PROVISIONS OF THE NEW FLORIDA BUILDING CODE, RESIDENTIAL
Most provisions correlate to the *Florida Building Code, Plumbing*

P2709.2 [Shower receptors] Lining required.

- ✓ Lining material shall extend not less than 3 inches beyond or around the rough jams and not less than 3 inches above finished thresholds.

P2904 Materials, joints and connections.

- ✓ No limit on hot water distances like in 2004 *Florida Building Code, Plumbing*