

Reference Material

2012 Building Code

Existing Sections Proposed for Local Amendments

Proposed amendments to the building code appear in the latter section of the proposed ordinance.

This attachment shows where in the existing building code, the newly created sections would be inserted or existing sections amended.

Using this guide, you can see the text surrounding the newly created sections to be inserted into the building code; or how sections of the code read now, before being amended.

(Relevant sections of the building code, with proposed new sections underscored, deleted sections struck-out)

2010 Florida Building Code
Chapter 1
Administration

SECTION 104
DUTIES AND POWERS OF THE
BUILDING OFFICIAL

104.8 Liability. Reserved.

104.9 Approved materials and equipment. Materials, equipment and devices approved by the building official shall be constructed and installed in accordance with such approval.

104.9.1 Used materials and equipment. The use of used materials which meet the requirements of this code for new materials is permitted. Used equipment and devices shall not be reused unless approved by the building official.

104.10 Modifications. Reserved.

104.10.1 Modifications of the strict application of the requirements of the Florida Building Code. The Building Official shall coordinate with the Floodplain Administrator to review requests submitted to the Building Official that seek approval to modify the strict application of the flood load and flood resistant construction requirements of the Florida Building Code to determine whether such requests require the granting of a variance pursuant to Section 117 and the local floodplain management ordinance.

104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. When alternate life safety systems are designed, the SFP): *Engineering Guide to Performance-Based Fire Protection Analysis and Design of Buildings*, or other methods approved by the building official may be used. The building official shall require that sufficient evidence or proof be submitted to substantiate any claim made regarding the alternative.

104.11.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

104.11.2 Tests. Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that

a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the building official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the building official for the period required for retention of public records.

104.11.3 Accessibility. Alternative designs and technologies for providing access to and usability of a facility for persons with disabilities shall be in accordance with Section 11-2.2.

SECTION 107
TEMPORARY STRUCTURES AND USES

107.1 General. The building official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The building official is authorized to grant extensions for demonstrated cause.

107.2 Conformance. Temporary structures and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure public health, safety and general welfare.

107.3 Temporary power. The building official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in Chapter 27 of the Florida Building Code, *Building*.

107.4 Termination of approval. The building official is authorized to terminate such permit for a temporary structure or use and to order the temporary structure or use to be discontinued.

107.5 Reserved.

107.6.1 Building permits issued on the basis of an affidavit. Pursuant to the requirements of federal regulation for participation in the National Flood Insurance Program (44 C.F.R. Sections 59 and 60), the authority granted to the Building Official to issue permits, to rely on inspections, and to accept plans and construction documents on the basis of affidavits and plans submitted pursuant to 105.14 and Section 107.6, shall not extend to the flood load and flood resistance construction requirements of the Florida Building Code.

SECTION 117
VARIANCES IN FLOOD HAZARD AREAS

117.1 Flood hazard areas. Pursuant to section 553.73(5), F.S., the variance procedures adopted in the local floodplain

management ordinance shall apply to requests submitted to the Building Official for variances to the flood load and flood resistant provisions of the Florida Building Code.

SECTION 1612 FLOOD LOADS

Sec. 1612.2, Florida Building Code, Building

Amend Sec. 1612.2 as follows:

SUBSTANTIAL DAMAGE. Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. The term also includes flood-related damage sustained by a structure on two separate occasions during a 10-year period for which the cost of repairs at the time of each such flood event, on average, equals or exceeds 25 percent of the market value of the structure before the damage occurred.

SUBSTANTIAL IMPROVEMENT. Any combination of repair, reconstruction, rehabilitation, addition or improvement of a building or structure taking place during a five-year period, the cumulative cost of which equals or exceeds 50 percent of the market value of the structure before the improvement or repair is started. For each building or structure, the five-year period begins on the date of the first improvement or repair of that building or structure subsequent to 1986. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the actual repair work performed. The term does not, however, include either:

1. Any project for improvement of a building required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions.
2. Any alteration of a historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure.

1612.5 Flood hazard documentation. The following documentation shall be ~~prepared~~ signed and sealed by a ~~registered~~ an appropriate design professional licensed by the State of Florida, and shall be submitted to ~~the building official~~ and approved by, the Floodplain Administrator:

1. For construction in flood hazard areas not subject to high-velocity wave action:
 - 1.1. ~~The elevation of A FEMA Elevation Certificate completed by a land surveyor, showing~~ the lowest floor, including basement, as required by the foundation inspection and the final inspection in Section 110.3.
 - 1.2. For fully enclosed areas below the design flood elevation where provisions to allow for the automatic entry and exit of floodwaters do not meet the minimum requirements in Section 2.6.2.1, ASCE 24, construction documents shall

include a statement that the design will provide for equalization of hydrostatic flood forces in accordance with Section 2.6.2.2 of ASCE 24, with an engineer's certification.

- 1.3. For dry floodproofed nonresidential buildings, construction documents shall include a statement that the dry floodproofing is designed in accordance with ASCE 24.

2. For construction in flood hazard areas subject to high-velocity wave action:

2.1 ~~The elevation of A FEMA Elevation Certificate completed by a land surveyor, showing~~ the bottom of the lowest horizontal structural member as required by the foundation inspection and the final inspection in Section 110.3.

2.2 A city V-Zone Certification completed by an engineer.

2.3 ~~2.2~~ Construction documents shall include a statement that the building is designed in accordance with ASCE 24, including that the pile or column foundation and building or structure to be attached thereto is designed to be anchored to resist flotation, collapse and lateral movement due to the effects of wind and flood loads acting simultaneously on all building components, and other load requirements of Chapter 16.

2.4 ~~2.3~~ For breakaway walls designed to resist a nominal load of less than 10 psf (0.48 kN/m²) or more than 20 psf (0.96 kN/m²), construction documents shall include a statement that the breakaway wall is designed in accordance with ASCE 24.

Sec. 202, SUBSTANTIAL DAMAGE. Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. The term also includes flood-related damage sustained by a structure on two separate occasions during a 10-year period for which the cost of repairs at the time of each such flood event, on average, equals or exceeds 25 percent of the market value of the structure before the damage occurred.