Draft 2007 Florida Specific Requirements Supplement
Existing Building Volume

Note: throughout the document, change International Building Code to Florida Building Code, Building; change the ICC Electrical Code to Chapter 27 of the Florida Building Code, Building; change the International Energy Conservation Code to Chapter 13 of the Florida Building Code, Building; change the International Existing Building Code to Florida Building Code, Existing Building; change the International Fire code to Florida Fire Prevention Code; change International Fuel Gas Code to Florida Building Code, Fuel Gas; change the International Mechanical Code to Florida Building Code, Mechanical; change the International Plumbing Code to Florida Building Code, Plumbing; change the International Residential Code to Florida Building Code, Residential.

Chapter 1, Administration

Section 101 General

101.1 Title. Change to read as shown:

101.1 Title. These regulations shall be known as the ~~*Florida Existing Building Code*~~ *Florida Building Code, Existing Building*,, hereinafter referred to as "this code." In addition to the provisions of this chapter, the provisions of Chapter 1, *Florida Building Code, Building*, shall govern the administration and enforcement of this code.

101.2 Scope. **Change to read as shown:**

101.2 Scope. The provisions of the *Florida* ~~*Existing*~~ *Building Code, Existing Building*, shall apply to the repair, alteration, change of occupancy, addition, and relocation of existing buildings. ~~A building or portion of a building that has not been previously occupied or used for its intended purpose shall comply with the provisions of the *Florida Building Code* for new construction. Repairs, alterations, change of occupancy, existing buildings to which additions are made, historic buildings, and relocated buildings complying with the provisions of the *Florida Building Code, Building; the Florida Building Code, Plumbing; the Florida Building Code, Mechanical; the Florida Building Code, Fuel Gas; the Florida Building Code, Residential; and the Florida Fire Prevention Code* as applicable shall be considered in compliance with the provisions of this code.~~
Exception: For the purpose of public educational facilities and state licensed facilities, see Chapter 4, Special Occupancy, of the *Florida Building Code, Building*.

101.7 Appendices. **Change to read as shown:**

101.7 Appendices. Reserved.

Sections 102 – 117 Change to read as shown:

Sections 102 – 117 Reserved

Chapter 2, Definitions

Section 201 General

201.4 Terms not defined. Change to read as shown.

201.4 Terms not defined. Where terms are not defined through the methods authorized by this chapter, such terms shall have the meanings as defined in Webster's Third New International Dictionary of the English Language, Unabridged.

Section 202 General Definitions

202 General Definitions. Change to read as shown.

CONVENTIONAL LIGHT-FRAME CONSTRUCTION. Limitations. Buildings are permitted to be constructed in accordance with the provisions of conventional light frame construction, subject to the following limitations:
1. Buildings shall be limited to a maximum of three stories above grade.
Exception: Solid blocked cripple walls not exceeding 14 inches (356 mm) in height need not be considered a story.
2. Bearing wall floor-to-floor heights shall not exceed 10 feet (3048 mm).
3. Loads as determined in Chapter 16 of the Florida Building Code, Building shall not exceed the following:
3.1. Average dead loads shall not exceed 15 psf (718 N/m2) for roofs and exterior walls, floors and partitions.
3.2. Live loads shall not exceed 40 psf (1916 N/m2) for floors.
4. Wind speeds shall not exceed 100 mph (161 km/hr)(3-second gust).
5. Roof trusses and rafters shall not span more than 40 feet (12 192 mm) between points of vertical support.

DANGEROUS. Any building or structure or any individual member with any of the structural conditions or defects described below shall be deemed dangerous:
1. The stress in a member or portion thereof due to all factored dead and live loads is more than one and one third the nominal strength allowed in the *Florida Building Code, Building* for new buildings of similar structure, purpose, or location.
2. Any portion, member, or appurtenance thereof likely to fail, or to become detached or dislodged, or to collapse and thereby injure persons.
3. Any portion of a building, or any member, appurtenance, or ornamentation on the exterior thereof is not of sufficient strength or stability, or is not anchored, attached, or fastened in place so as to be capable of resisting a wind pressure of two thirds of that specified in the *Florida Building Code, Building* for new buildings of similar structure, purpose, or location without exceeding the nominal strength permitted in the *Florida Building Code, Building* for such buildings.
4. The building, or any portion thereof, is likely to collapse partially or completely because of dilapidation, deterioration or decay; construction in violation of the *Florida Building Code, Building*; the removal, movement or instability of any portion of the ground necessary for the

purpose of supporting such building; the deterioration, decay or inadequacy of its foundation; damage due to fire, wind or flood; or any other similar cause.

5. The exterior walls or other vertical structural members list, lean, or buckle to such an extent that a plumb line passing through the center of gravity does not fall inside the middle one third of the base.

EXISTING BUILDING. A building or structure or portion of a building or structure which has been previously legally occupied or used for its intended purpose.

FLOOD HAZARD AREA. See Section 401.4.

HISTORIC BUILDING. See Section 1002.

INCIDENTAL USE AREA. In cases where use is incidental to some other occupancy, the section of this code governing the occupancy shall apply.

REPAIR. The patching, restoration and/or minor replacement of materials, elements, components, equipment and/or fixtures for the purposes of maintaining such materials, elements, components, equipment and/or fixtures in good or sound condition.

STRUCTURAL DETERMINATION. For purposes of this code, "structural" shall mean any part, material or assembly of a building or structure which affects the safety of such building or structure and/or which supports any dead or designed live load and the removal of which part, material or assembly could cause, or be expected to cause, all or any portion to collapse or fail.

SUBSTANTIAL DAMAGE. See Section 3110 of the *Florida Building Code, Building*.

SUBSTANTIAL IMPROVEMENT. See Section 3109.2 of the *Florida Building Code, Building.*

SUNROOM. A one-story structure added to an existing dwelling with an open or glazed area in excess of 40 percent of the gross area of the sunroom structure's exterior walls and roof. For the purposes of this code, the term sunroom as used herein shall include conservatories, sunspaces, solariums, and porch or patio covers or enclosures.

VALUE. The estimated current replacement cost of the building in kind.

WORK AREA. That portion or portions of a building consisting of all reconfigured elements, systems or spaces as indicated on the construction documents. Work area excludes other portions of the building where incidental work entailed by the intended work must be performed and portions of the building where work not initially intended by the owner is specifically required by this code.

202 ROOF SECTION. A separation or division of a roof area by existing expansion joints, parapet walls, flashing (excluding valley), difference of elevation (excluding hips and ridges),

roof type or legal description; not including the roof area required for a proper tie-off with an existing system.

Chapter 4, Classification of Work

Section 401 General

401.3 Occupancy and use. Change to read as shown.

401.3 Occupancy and use. When determining the appropriate application of the referenced sections of this code, the occupancy and use of a building shall be determined in accordance with Chapter 3 of the *Florida Building Code, Building.*

401.4 Change to read as shown.

401.4 A design professional or an owner must elect one or a combination of levels of alteration pursuant to Sections 403, 404 and 405 of this code.

Section 403 Alternation-Level 1

403.1 Scope. Change to read as shown.

403.1 Scope. Level 1 alterations include the removal and replacement or the covering of existing materials, elements, equipment, or fixtures using new materials, elements, equipment, or fixtures that serve the same purpose. Level 1 alterations shall not include any removal, replacement or covering of existing materials, elements, equipment or fixtures undertaken for purpose of repair as defined in Chapter 2 and described in Section 402.

Section 405 Alteration- Level 3

405.1 Scope. Change to read as shown.

405.1 Scope. Level 3 alterations apply where the work area exceeds 50 percent of the aggregate area of the building and made within any 12-month period.
Exception: Work areas in which the alteration work is exclusively plumbing, mechanical or electrical shall not be included in the computation of total area of all work areas.

Section 408 Historic Buildings

408.1 Scope. Change to read as shown.

408.1 Scope. Historic buildings provisions shall apply to buildings classified as historic as defined in Chapter 11.

Chapter 501, Repairs

501 General

501.2 Permitted materials. Change to read as shown. Overlap exists and needs resolution.

501.2 Permitted materials. Except as otherwise required or permitted by this code, materials permitted by the applicable code for new construction shall be used. Like materials shall be permitted, provided no hazard to life, health or property is created.
Exception: Repairs to a historic building shall be permitted using original or like materials. Materials shall comply with Sections 502.1, 502.2 and 502.3.

501.4.1 Flood hazard areas. Change to read as shown.

501.4.1 Structure seaward of a coastal construction line. Structures located seaward of the coastal construction line shall be designed to resist the predicted forces of a 100-year storm event in accordance with Section 3109 of the Florida Building Code, Building.

501.4.2 Floodplain construction. Add to read as shown.

501.4.2 Floodplain construction. This code specifically defers to the authority granted to local government by Title 44 CFR, Sections 59 and 60. This code is not intended to supplant or supercede local ordinances adopted pursuant to that authority, nor are local flood-plain management ordinances to be deemed amendments to the code.

501.5 Dangerous buildings. Add to read as shown.

501.5 Dangerous buildings. When an historic building is determined as dangerous, no work shall be required except as necessary to correct identified dangerous conditions.

Section 502 Building Elements and Materials

502.2 Glazing in hazardous locations. Change to read as shown.

502.2 Glazing in hazardous locations. Replacement glazing in hazardous locations shall comply with the safety glazing requirements of the *Florida Building Code, Building* as applicable.
Exception: Glass block walls, louvered windows, and jalousies repaired with like materials.

502.3 Replacement. Change to read as shown.

502.3 Replacement. For repairs in an historic building, replacement or partial replacement of existing or missing features that match the original in configuration, height, size and original methods of construction shall be permitted.
Exception: Glazing in hazardous locations shall comply with Section 502.2.

Section 505 Accessibility

505.1 General. Change to read as shown.

505.1 General. Repairs shall be done in accordance with Chapter 11 of the *Florida Building Code, Building*.

Section 506 Structural

506.1.1 Change to read as shown.

506.1.1 Nonstructural repairs exclusive of fixtures and furniture, the cost of which does not exceed 25 percent of the replacement value of the existing building or structure, with the approval of the building official, may be made of the same material of which the building or structure is constructed.
Exception: Historic buildings shall comply with Section 502.3.

506.1.1.1 Evaluation and design procedures. Change to read as shown.

506.1.1.1 Evaluation and design procedures. Reserved.

506.1.1.2 IBC level seismic forces. Change to read as shown.

506.1.1.2 IBC level seismic forces. Reserved.

506.1.1.3 Reduced IBC level seismic forces. Change to read as shown.

506.1.1.3 Reduced IBC level seismic forces. Reserved.

Table 506.1.1.2 FEMA 356 and ASCE 31 Performance Levels. Change to read as shown.

Table 506.1.1.2 FEMA 356 and ASCE 31 Performance Levels. Reserved.

506.1.2 Wind design. Change to read as shown.

506.1.2 Wind design. Wind design of existing buildings shall be in accordance with the building codes that were in effect when the building was permitted.

506.2.2.1 Evaluation. Change to read as shown.

506.2.2.1 Evaluation. The building shall be evaluated by a Florida registered engineer or architect, and the evaluation findings shall be submitted to the code official. The evaluation shall establish whether the damaged building, if repaired to its predamaged state, would comply with the provisions of the *Florida Building Code*. Wind forces for this evaluation shall be those prescribed in the *Florida Building Code*.

506.2.2.2 Extent of repair for compliant buildings. **Change to read as shown.**

506.2.2.2 Extent of repair for compliant buildings. If the evaluation establishes compliance of the predamaged building in accordance with Section 506.2.2.1, then repairs shall be permitted that restore the building to its predamaged state using materials and strengths that existed prior to the damage.

506.2.2.3 Extent of repair for noncompliant buildings. Add to read as shown.

506.2.2.3 Extent of repair for noncompliant buildings. If the evaluation does not establish compliance of the predamaged building in accordance with Section 507.2.2.1, then the building shall be rehabilitated to comply with applicable provisions of the *Florida Building Code* for load combinations, including wind or seismic forces. The wind design level for the repair shall be as required by the building code in effect at the time of original construction, unless the damage was caused by wind, in which case the design level shall be as required by the code in effect at the time of original construction or as required by the *Florida Building Code*, whichever is greater. Seismic forces for this rehabilitation design shall be those required for the design of the predamaged building, but not less than the reduced level seismic forces specified in Section 506.1.1.3. New structural members and connections required by this rehabilitation design shall comply with the detailing provisions of the *Florida Building Code* for new buildings of similar structure, purpose and location.

506.2.3 Substantial structural damage to vertical load-carrying components. Add to read as shown.

506.2.3 Substantial structural damage to vertical load-carrying components. Vertical load-carrying components that have sustained substantial structural damage shall be rehabilitated to comply with the applicable provisions for dead and live loads in the *Florida Building Code*. Undamaged vertical load-carrying components that receive dead or live loads from rehabilitated components shall also be rehabilitated to carry the design loads of the rehabilitation design. New structural members and connections required by this rehabilitation design shall comply with the detailing provisions of the *Florida Building Code* for new buildings of similar structure, purpose and location.

506.2.5 Flood hazard areas. Change to read as shown.

506.2.5 Flood hazard areas. See Section 501.4.

Section 507 Electrical

507.1 Material. Change to read as shown.

507.1 Material. Existing electrical wiring and equipment undergoing repair shall be allowed to be repaired or replaced with like material in accordance with Chapter 27 of the *Florida Building Code, Building*.
Exceptions:

1. Existing electrical wiring and equipment undergoing repair shall be permitted to be repaired or replaced with like material.
2. For replacement of nongrounding-type receptacles with grounding-type receptacles and for branch circuits that do not have an equipment grounding conductor in the branch circuitry, the grounding conductor of a grounding-type receptacle outlet shall be permitted to be grounded to any accessible point on the grounding electrode system or to any accessible point on the grounding electrode conductor, in accordance with Article 250-130 (C) of Chapter 27 of the *Florida Building Code, Building*.
3. Frames of electric ranges, wall-mounted ovens, counter-mounted cooking units, clothes dryers, and outlet or junction boxes that are part of the existing branch circuit for these appliances shall be permitted to be grounded to the grounded circuit conductor in accordance with Article 250-140 of Chapter 27 of the *Florida Building Code, Building*.

Section 508, Mechanical

508.1 General. Change to read as shown.

508.1 General. Existing mechanical systems undergoing repair shall comply with Section 301.11 of the *Florida Building Code, Mechanical* and shall not make the building less conforming than it was before the repair was undertaken.

Section 509, Plumbing

509.2 Plumbing fixture replacement. **Change to read as shown.**

509.2 Plumbing fixture replacement. When any plumbing fixture is replaced, the replacement plumbing fixture shall comply with the *Florida Building Code, Plumbing*.
Exception: Blowout-design water closets [3.5 gallons (13 L) per flushing cycle].

Chapter 6, Alterations – Level 1

Section 601, General

601.2 Conformance. **Change to read as shown.**

601.2 Conformance. An existing building or portion thereof shall not be altered such that the building becomes less safe or energy efficient than its existing condition. If in the alteration the current level of safety or sanitation is to be reduced, the portion altered shall conform to the requirements of the *Florida Building Code, Building*.

601.3 Flood hazard areas. Change to read as shown.

601.3 Flood hazard areas. See Section 501.4.

Section 604, Means of Egress

604.1 General. Change to read as shown.

604.1 General. Means of egress for buildings undergoing alteration shall comply with the requirements of Section 601.1 and the scoping provisions of Chapter 1 where applicable.
Exception: Door and window dimensions. In residential dwellings and dwelling units, a maximum of 5 percent reduction in the clear opening dimensions of replacement doors and windows shall be allowed.

Section 605, Accessibility

605.1 Change to read as shown.

605.1 Accessibility shall be in accordance with Chapter 11 of the *Florida Building Code, Building*.605.1.1 through 605.2 Reserved.

Section 606, Structural

606.2 Design criteria. Change to read as shown.

606.2 Design criteria. Existing structural components supporting alteration work shall comply with this section.
Exception: Nonstructural alterations exclusive of fixtures and furniture, the cost of which does not exceed 25 percent of the replacement value of the existing building or structure, with the approval of the building official may be made of the same material of which the building or structure is constructed.

606.2.1 Replacement of roofing or equipment. Change to read as shown.

606.2.1 Addition or replacement of roofing or replacement of equipment. Where addition or replacement of roofing or replacement of equipment results in additional dead loads, structural components supporting such reproofing or equipment shall comply with the vertical load requirements of the *Florida Building Code*.
Exceptions:
1. Structural elements where the additional dead load from the roofing or equipment is not increased by more than 5 percent.
2. Buildings constructed in accordance with the *Florida Building Code*, *Residential* or the conventional construction methods of the *Florida Building Code* and where the additional dead load from the roofing or equipment is not increased by more than 5 percent.
3. Addition of a second layer of roof covering weighing 3 pounds per square foot (0.1437 kN/m2) or less over an existing, single layer of roof covering shall be permitted.

606.4 Replacement of windows and doors. Change to read as shown.

606.4 Replacement of windows and doors. The replacement of garage doors, exterior doors, skylight, operative and inoperative windows shall be designed and constructed to comply with Chapter 16 of the *Florida Building Code, Building*.

Exceptions:

1. Opening protection exception: For one- and two-family dwellings constructed under codes other than the *Florida Building Code* and located in windborne debris regions, the replacement of garage doors and exterior doors with glazing, sliding glass doors, glass patio doors, skylights, and operable and inoperable windows within any 12-month period shall not be required to have opening protection but shall be designed for wind pressures for enclosed buildings, provided the aggregate area of the glazing in the replaced components does not exceed 25 percent of the aggregate area of the glazed openings in the dwelling or dwelling unit.
2. Opening protection exception for High Velocity Hurricane Zones: For one-and two-family dwellings constructed under codes prior to September 1, 1994 the replacement of exterior doors with glazing, sliding glass doors, glass patio doors, skylights, and operable and inoperable windows within any 12 month period shall not be required to have opening protection provided the aggregate area of the glazing in the replaced components does not exceed 25 percent of the aggregate area of the glazed openings in the dwelling or dwelling unit.

606.5 Change to read as shown.

606.5 Openings in sunrooms, enclosed balconies and enclosed porches constructed under existing roofs or decks are not required to be protected, provided the space is separated from the building interior by a wall and all openings in the separating wall are protected in accordance with Section 1609.1.4 of the *Florida Building Code, Building.* Such spaces shall be permitted to be designed as enclosed or partially enclosed. (High Velocity Hurricane Zones must comply with Chapter 16 of the *Florida Building Code, Building*.)

Section 608, Electrical

608.1 Residential R3 Occupancies. **Change to read as shown.**

608.1 Residential R3 Occupancies.

608.1.1 Existing wiring and equipment. **Change to read as shown.**

608.1.1 Existing wiring and equipment. Existing electrical wiring and equipment undergoing repair shall be permitted to be repaired or replaced with like material.

608.1.2 Replacement of receptacles. Change to read as shown.

608.1.2 Replacement of receptacles. For replacement of nongrounding-type receptacles with grounding-type receptacles and for branch circuits that do not have an equipment grounding conductor in the branch circuitry, the grounding conductor of a grounding-type receptacle outlet shall be permitted to be grounded to any accessible point on the grounding electrode system or to any accessible point on the grounding electrode conductor, in accordance with Article 250-130 (C) of Chapter 27 of the Florida Building Code, Building.

608.1.3 Appliances. Change to read as shown.

608.1.3 Appliances. Frames of electric ranges, wallmounted ovens, counter-mounted cooking units, clothes dryers, and outlet or junction boxes that are part of the existing branch circuit for these appliances shall be permitted to be grounded to the grounded circuit conductor in accordance with Article 250-140 of Chapter 27 of the Florida Building Code, Building.

Section 609, Mechanical

609.1 General. Change to read as shown.

609.1 General. Existing mechanical systems undergoing alteration shall comply with Section 301.11 of the Florida Building Code, Mechanical.

Section 610, Plumbing

610.1 Materials. Change to read as shown.

610.1 Materials. The following plumbing materials and supplies shall not be used:
1. Sheet and tubular copper and brass trap and tailpiece fittings less than the minimum wall thickness of .027 inches (0.69 mm).
2. Solder having more than 0.2-percent lead in the repair of potable water systems.
3. Water closets having a concealed trap seal or an unventilated space or having walls that are not thoroughly washed at each discharge in accordance with ASME A112.19.2 M.
4. The following types of joints shall be prohibited:
4.1. Mastic or hot-pour bituminous joints.
4.2. Joints made with fittings not approved for the specific installation.
4.3. Joints between different diameter pipes made with elastomeric rolling O-rings.
4.4. Solvent-cement joints between different types of plastic pipe.
4.5. Saddle-type fittings.
5. The following types of traps are prohibited:
5.1. Traps that depend on moving parts to maintain the seal.
5.2. Bell traps.
5.3. Crown-vented traps.
5.4. Traps not integral with a fixture and that depend on interior partitions for the seal, except those traps constructed of an approved material that is resistant to corrosion and degradation.

610.2 Water closet replacement. Change to read as shown.

610.2 Water closet replacement. When any water closet is replaced, the replacement water closet shall comply with the *Florida Building Code*, *Plumbing*. The maximum water consumption flow rates and quantities for all replaced water closets shall be 1.6 gallons (6 L) per flushing cycle.
Exception: Blowout design water closets [3.5 gallons (13 L) per flushing cycle].

Section 611, Reroofing

611.1 General. Change to read as shown.

611.1 General. Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15 of the *Florida Building Code, Building*. Roof repairs to existing roofs and roof coverings shall comply with the provisions of this code.
Exception: Reroofing shall not be required to meet the minimum design slope requirement of ¼:12 in Section 1507 of the *Florida Building Code, Building* for roofs that provide positive roof drainage (high-velocity hurricane zones shall comply with Sections 1515.2.2.1 and 1515.2.2.2 of the *Florida Building Code, Building*).

611.1.2 Not more than 25% of the total roof area or roof section of any existing building or structure shall be repaired, replaced or recovered in any 12 month period unless the entire roofing system or roof section conforms to requirements of this code.

611.2 Structural and construction loads. Change to read as shown.

611.2 Structural and construction loads. The structural roof components shall be capable of supporting the roof covering system and the material and equipment loads that will be encountered during installation of the roof covering system.

611.3 Recovering versus replacement. Change to read as shown.

611.3 Recovering versus replacement. New roof coverings shall not be installed without first removing existing roof coverings where any of the following conditions occur:
1. When the old roofing is water-soaked or deteriorated to the point that it is not suitable as a base for additional roofing.
2. When blisters exist in any roofing, unless blisters are cut or scraped open and nailed down before applying additional roofing.
3. When the existing roof surface is gravel or the like, the gravel shall be thoroughly removed or all loose gravel removed and approved base material installed before applying additional roofing.
4. When existing roof is slate or the like.
5. When sheathing or supports are deteriorated to the point that the roof structural system is not substantial enough to support recovering.
6. When existing roof has two or more applications of any type roofing material. Conformance with this item shall make replacement mandatory.

Exceptions:
1. Building and structures located within the high-velocity hurricane zone shall comply with the provisions of Sections 1512 through 1525 of the *Florida Building Code, Building*.
2. When the structural deck is concrete and the existing roof is firmly attached to the deck, then the roof shall be removed down to a minimum of three plies of moisture-free felts.
3. When otherwise approved by the building official.

4. Wood shingles or shakes shall not be placed over more than one application of wood or asphalt shingles. Wood shingles or shakes may be placed over existing shakes when installed in accordance with Cedar Shake and Shingle Bureau recommendations.

611.4 Roof recovering. Change to read as shown.

611.4 Roof recovering. Where the application of a new roof covering over wood shingle or shake roofs creates a combustible concealed space, the entire existing surface shall be covered with gypsum board, mineral fiber, glass fiber or other approved materials securely fastened in place.

611.5 Reinstallation of materials. Change to read as shown.

611.5 Reinstallation of materials. Existing slate, clay or cement tile shall be permitted for reinstallation, except that damaged, cracked or broken slate or tile shall not be reinstalled. Existing vent flashing, metal edgings, drain outlets, collars and metal counter flashings shall not be reinstalled where rusted, damaged or deteriorated. Aggregate surfacing materials shall not be reinstalled (high-velocity hurricane zones shall comply with Sections 1512 through 1525 of the *Florida Building Code, Building*).

611.6 Flashings. Change to read as shown.

611.6 Flashings. Flashings shall be reconstructed in accordance with roof covering manufacturer's installation instructions. Metal flashing to which bituminous materials are to be adhered shall be primed prior to installation (high-velocity hurricane zones shall comply with Sections 1512 through 1525 of the *Florida Building Code, Building*).

Section 612 Energy Conservation

612.1 Minimum requirements. Change to read as shown.

612.1 Minimum requirements. Alterations subject to this chapter shall comply with the requirements of Chapter 13 of the *Florida Building Code, Building*.

Chapter 7, Alterations – Level 2

Section 702, Special Use and Occupancy.

Section 702, Special Use and Occupancy. Change to read as shown.

Section 702, Special Use and Occupancy. Reserved.

Section 703, Building Elements and Materials

703.2.1 Existing vertical openings. Change to read as shown.

703.2.1 Existing vertical openings. All existing interior vertical openings connecting two or more floors shall comply with the appropriate sections of the *Florida Fire Prevention Code.*
Exceptions:
1. One- and two-family dwellings.
2. Group S occupancies where vertical opening protection is not required for open parking garages and ramps.

703.2.3 Supplemental stairway enclosure requirements. Change to read as shown.

703.2.3 Supplemental stairway enclosure requirements. Where the work area on any floor exceeds 50 percent of that floor area, stairways that are part of the means of egress serving the work area shall, at a minimum, be enclosed with smoke-tight construction on the highest work area floor and all floors below.
Exception: Where stairway enclosure is not required by the *Florida Building Code* or the *Florida Fire Prevention Code*.

703.3 Smoke barriers. Change to read as shown.

703.3.1 Compartmentation. See Section 407 of the *Florida Building Code, Building*.

703.3.2 Fire-resistance rating. Change to read as shown.

703.3.2 Fire-resistance rating. The smoke barriers shall be constructed in accordance with the *Florida Building Code, Building* or the *Florida Fire Prevention Code*.

703.4 Interior finish. **Change to read as shown.**

703.4 Interior finish. The interior finish of walls and ceilings in exits and corridors in any work area shall comply with the requirements of the *Florida Building Code, Building*.
Exception: Existing interior finish materials that do not comply with the interior finish requirements of the *Florida Building Code, Building* shall be permitted to be treated with an approved fire-retardant coating in accordance with the manufacturer‘s instructions to achieve the required rating.

703.5.2 Design. Change to read as shown.

703.5.2 Design. Where there are no guards or where existing guards must be replaced, the guards shall be designed and installed in accordance with the *Florida Building Code, Building.*
Exception: Where existing guards are replaced, the design may match the existing design.

Section 704. Fire Protection

704.2 Automatic sprinkler systems. **Change to read as shown.**

704.2 Automatic sprinkler systems. Automatic sprinkler systems shall be provided in accordance with the requirements of Sections 704.2.1 through 704.2.5. Installation requirements shall be in accordance with the *Florida Building Code, Building*.

704.2.1 High-rise buildings. Change to read as shown.

704.2.1 High-rise buildings. See Section 403 of the *Florida Building Code, Building*.

704.2.1.1 Supplemental automatic sprinkler system requirements. Change to read as shown.

704.2.1.1 Supplemental automatic sprinkler system requirements. Reserved.

704.2.2 Groups A, E, F-1, H,I, M, R-1, R-2, R-4, S-1, and S-2. Change to read as shown.

704.2.2 Groups A, E, F-1, H,I, M, R-1, R-2, R-4, S-1, and S-2. Reserved.

704.2.3 Windowless stories. **Change to read as shown.**

704.2.3 Windowless stories. Work located in a windowless story, as determined in accordance with the *Florida Building Code, Building*, shall be sprinklered where the work area is required to be sprinklered under the provisions of the *Florida Building Code, Building* as a newly constructed building.

704.2.4 Other required suppression systems. Change to read as shown.

704.2.4 Other required suppression systems. In buildings and areas listed in Table 903.2.13 of the *Florida Building Code, Building* or the *Florida Fire Prevention Code*, work areas that include exits or corridors shared by more than one tenant or serving an occupant load greater than 30 shall be provided with sprinkler protection under the following condition:
The work area is required to be provided with automatic sprinkler protection in accordance with the *Florida Building Code, Building*, applicable to new construction.

704.2.5 Supervision. Change to read as shown.

704.2.5 Supervision. Fire sprinkler systems required by this section shall be supervised by one of the following methods:
1. Approved central station system in accordance with NFPA 72;
2. Approved proprietary system in accordance with NFPA 72 or;
3. Approved remote station system of the jurisdiction in accordance with NFPA 72.

Exception: Supervision is not required for the following:
1. Underground gate valve with roadway boxes.
2. Halogenated extinguishing systems.
3. Carbon dioxide extinguishing systems.
4. Dry and wet chemical extinguishing systems.

5. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic and automatic sprinkler systems and a separate shutoff valve for the automatic sprinkler system is not provided.

704.3 Standpipes. Change to read as shown.

704.3 Standpipes. Where the work area includes exits or corridors shared by more than one tenant and is located more than 50 feet (15 240 mm) above or below the lowest level of fire department access, a standpipe system shall be provided. Standpipes shall have an approved fire department connection with hose connections at each floor level above or below the lowest level of fire department access. Standpipe systems shall be installed in accordance with the *Florida Building Code, Building*.

Exceptions:

1. No pump shall be required provided that the standpipes are capable of accepting delivery by fire department apparatus of a minimum of 250 gallons per minute (gpm) at 65 pounds per square inch (psi) (946 L/m at 448KPa) to the topmost floor in buildings equipped throughout with an automatic sprinkler system or a minimum of 500 gpm at 65 psi (1892 L/m at 448KPa) to the topmost floor in all other buildings. Where the standpipe terminates below the topmost floor, the standpipe shall be designed to meet (gpm/psi) (L/m/KPa) requirements of this exception for possible future extension of the standpipe.
2. The interconnection of multiple standpipe risers shall not be required

704.4 Fire alarm and detection. Change to read as shown.

704.4 Fire alarm and detection. An approved fire alarm system shall comply with the appropriate sections of the *Florida Fire Protection Code* for existing buildings.

704.4.1 Occupancy requirements. Change to read as shown.

704.4.1 Occupancy requirements. Reserved.

704.4.2 Supplemental fire alarm system requirements. Change to read as shown.

704.4.2 Supplemental fire alarm system requirements. Reserved.

704.4.3 Smoke alarms. Change to read as shown.

704.4.3 Smoke alarms. Individual sleeping units and individual dwelling units in any work area in Group R-1, R-2, R-3, R-4, and I-1 occupancies shall be provided with smoke alarms in accordance with the *Florida Fire Prevention Code*.

Exception: Interconnection of smoke alarms outside of the rehabilitation work area shall not be required.

Section 705. Means of Egress

705.2 General. Change to read as shown.

705.2 General. The means of egress shall comply with the requirements of this section.
Exceptions:
1. Where the work area and the means of egress serving it complies with the *Florida Fire Prevention Code*.
2. Means of egress conforming to the requirements of the *Florida Building Code, Building* and the *Florida Fire Prevention Code* under which the building was constructed shall be considered compliant means of egress if, in the opinion of the code official, they do not constitute a distinct hazard to life.

705.3 Number of exits. Change to read as shown.

705.3 Number of exits. The number of exits shall be in accordance with the appropriate sections of the *Florida Fire Prevention Code*.
Exception: Building of Group R3 occupancies shall comply with the *Florida Building Code, Building.*

705.3.1 Minimum number. Change to read as shown.

705.3.1 Minimum number. Reserved

705.3.1.1 Single-exit buildings. Change to read as shown.

705.3.1.1 Single-exit buildings. Reserved

705.3.1.2 Fire escapes required. **Change to read as shown.**

705.3.1.2 Fire escapes required. Fire escapes shall comply with the appropriate sections of the *Florida Fire Prevention Code*.

705.3.2 Mezzanines. **Change to read as shown.**

705.3.2 Mezzanines. Travel distance for mezzanines shall comply with Chapter 10 of the *Florida Building Code, Building*.

705.4.1.1 Occupant load and travel distance. **Change to read as shown.**

705.4.1.1 Occupant load and travel distance. In any work area, all rooms and spaces having an occupant load greater than 50 or in which the travel distance to an exit exceeds 75 feet (22 860 mm) shall have a minimum of two egress doorways.
Exception: Storage rooms in Group S1 and S2 occupancies having a maximum occupant load of 10.

705.4.3 Door closing. Change to read as shown.

705.4.3 Door closing. In any work area, all doors opening onto an exit passageway at grade or an exit stair shall be self-closing or automatically closing by listed closing devices.
Exceptions:
1. Where exit enclosure is not required by the *Florida Building Code, Building*.
2. Means of egress within or serving only a tenant space that is entirely outside the work area

705.4.5 Emergency power source in Group I-3. Change to read as shown.

705.4.5 Emergency power source in Group I-3. Work areas in buildings of Group I-3 occupancy having remote power unlocking capability for more than 10 locks shall be provided with an emergency power source for such locks. Power shall be arranged to operate automatically upon failure of normal power within 10 seconds and for a duration of not less than 1½ hours.

705.5 Openings in corridor walls. Change to read as shown.

705.5 Openings in corridor walls. Reserved

705.5.1.1 Change to read as shown.

705.5.1.1 Corridor doors in the work area shall not be constructed of hollow core wood and shall not contain louvers.

705.5.1.2 Change to read as shown.

705.5.1.2 All replacement doors shall be 1¾-inch (45 mm) solid bonded wood core or approved equivalent, unless the existing frame will accommodate only a 13/8-inch (35 mm) door.

705.5.1.3 Change to read as shown.

705.5.1.3 All dwelling unit, guestroom or rooming unit corridor doors in work areas in buildings of Groups R-1, R-2, and I-1 shall be at least 13/8 -inch (35 mm) solid core wood or approved equivalent and shall not have any glass panels other than approved wired glass or other approved glazing material in metal frames. All dwelling unit or sleeping unit corridor doors in work areas in buildings of Groups R-1, R-2, and I-1 shall be equipped with approved door closers.
Exceptions:
1. Corridor doors within a dwelling unit or guestroom.
2. Existing doors meeting the requirements of HUD Guideline on Fire Ratings of Archaic Materials and Assemblies (FEBC Appendix C) for a rating of 15 minutes or more shall be accepted as meeting the provisions of this requirement.
3. Existing doors in buildings protected throughout with an approved automatic sprinkler system shall be required only to resist smoke, be reasonably tight fitting and shall be equipped with approved door closers, and shall not contain louvers.
4. In group homes with a maximum of 15 occupants and that are protected with an approved automatic detection system, closing devices may be omitted.

5. Door assemblies having a fire-resistance rating of at least 20 minutes.

705.5.3.1 Supplemental requirements for other corridor opening. Change to read as shown.

705.5.3.1 Supplemental requirements for other corridor opening. Reserved.

705.5.4 Supplemental requirements for corridor openings. Change to read as shown.

705.5.4 Supplemental requirements for corridor openings. Where the work area on any floor exceeds 50 percent of the floor area the requirements of Sections 705.5.1 through 705.5.3 shall apply throughout the floor. This section shall be applicable to all corridor windows, grilles, sash and other openings on the floor.

705.6 Dead-end corridors. Change to read as shown.

705.6 Dead-end corridors. Dead-end corridors in any work area shall comply with the requirements of Section 1016.3 of the *Florida Building Code, Building*.

705.7.1 Artificial lighting required. Change to read as shown.

705.7.1 Artificial lighting required. Means of egress in all work areas shall be provided with artificial lighting in accordance with the requirements of the *Florida Building Code, Building.*

705.7.2 Supplemental requirements for means of egress lighting. Change to read as shown.

705.7.2 Supplemental requirements for means of egress lighting. Where the work area on any floor exceeds 50 percent of that floor area, means of egress lighting throughout the floor shall comply with Section 605.7.1.
Exception: Means of egress within or serving only a tenant space that is entirely outside the work area.

705.8.1 Work areas. Change to read as shown.

705.8.1 Work areas. Means of egress in all work areas shall be provided with exit signs in accordance with the requirements of the *Florida Building Code, Building*.

705.8.2 Supplemental requirements for exit signs. Change to read as shown.

705.8.2 Supplemental requirements for exit signs. Where the work area on any floor exceeds 50 percent of that floor area, means of egress existing signs throughout the floor shall comply with Section 705.8.1.
Exception: Means of egress within or serving only a tenant space that is entirely outside the work area.

705.9.2 Design. Change to read as shown.

705.9.2 Design. Handrails required in accordance with Section 705.9.1 shall be designed and installed in accordance with the provisions of the *Florida Building Code, Building*.
Exception: Handrails being replaced in part may match the existing design.

705.10.2 Design. Change to read as shown.

705.10.2 Design. Guards required in accordance with Section 705.10.1 shall be designed and installed in accordance with the *Florida Building Code, Building.*
Exception: Guards being replaced in part may match the existing design.

Section 706, Accessibility

706.1 General. Change to read as shown.

706.1 General. A building, facility, or element that is altered shall comply with Chapter 11 of the *Florida Building Code, Building.*

706.2 Stairs and escalators in existing buildings. Change to read as shown.

706.2 Stairs and escalators in existing buildings. Reserved.

706.3 Dwelling units and sleeping units. Change to read as shown.

706.3 Dwelling units and sleeping units. Reserved

Section 707, Structural

707.1 General. Change to read as shown.

707.1 General. Where alteration work includes installation of additional equipment that is structurally supported by the building or reconfiguration of space such that portions of the building become subjected to higher gravity loads as required by Tables 1607.1 and 1607.6 (high-velocity hurricane zones shall comply with Table 1615 and Section 1615.2) of the *Florida Building Code, Building,* the provisions of this section shall apply.

707.2 Reduction of strength. Change to read as shown.

707.2 Reduction of strength. Alterations shall not reduce the structural strength or stability of the building, structure, or any individual member thereof.
Exception: Such reduction shall be allowed as long as the strength and the stability of the building are not reduced to below the *Florida Building Code, Building* levels.

707.3 New structural members. Change to read as shown.

707.3 New structural members. New structural members in alterations, including connections and anchorage, shall comply with the *Florida Building Code, Building.*

707.4 Existing structural members. Change to read as shown.

707.4 Existing structural members. Existing structural components supporting additional equipment or subjected to additional loads based on *Florida Building Code, Building*, Tables 1607.1 and 1607.6 (high-velocity hurricane zones shall comply with Table 1615 and Section 1615.2) as a result of a reconfiguration of spaces shall comply with Sections 707.4.1 through 707.4.3.

707.4.1 Gravity loads. Change to read as shown.

707.4.1 Gravity loads. Existing structural elements supporting any additional gravity loads as a result of additional equipment or space reconfiguration shall comply with the *Florida Building Code, Building*.

Exceptions:

1. Structural elements whose stress is not increased by more than 5 percent.
2. Buildings of Group R occupancy with not more than five dwelling units or sleeping units used solely for residential purposes where the existing building and its alteration comply with the conventional light-frame construction methods as defined in Chapter 2.

Section 708, Electrical

708.1 New installations. Change to read as shown.

708.1 New installations. All newly installed electrical equipment and wiring relating to work done in any work area shall comply with the materials and methods requirements of Chapter 27 of the *Florida Building Code, Building.*

708.2 Existing installations. Change to read as shown.

708.2 Existing installations. Existing wiring in all work areas in Group A-1, A-2, A-5, H, and I occupancies shall be upgraded to meet the requirements of Chapter 27 of the *Florida Building Code, Building*.

708.3 Residential occupancies. Change to read as shown.

708.3 Residential occupancies. In Group R-2, R-3, and R-4 occupancies and buildings regulated by the *Florida Building Code, Residential*, the requirements of Sections 708.3.1 through 708.3.7 shall be applicable only to work areas located within a dwelling unit.

708.3.3 Laundry areas. Change to read as shown.

708.3.3 Laundry areas. Laundry areas shall have a minimum of one duplex receptacle outlet located near the laundry equipment.

708.3.4 Ground fault circuit interruption. Change to read as shown.

708.3.4 Ground fault circuit interruption. Reserved.

708.3.7 Residential R3 Occupancies. Change to read as shown.

708.3.7 Residential R3 Occupancies.

708.3.7.1 Existing electrical wiring. Change to read as shown.

708.3.7.1 Existing electrical wiring. Existing electrical wiring and equipment undergoing repair or replacement shall be permitted to be repaired or replaced with like material.

708.3.7.2 Replacement receptacles. **Change to read as shown.**

708.3.7.2 Replacement receptacles. For replacement of nongrounding-type receptacles with grounding-type receptacles and for branch circuits that do not have an equipment grounding conductor in the branch circuitry, the grounding conductor of a grounding-type receptacle outlet shall be permitted to be grounded to any accessible point on the grounding electrode system, or to any accessible point on the grounding electrode conductor, in accordance with Article 250-130(c) of Chapter 27 of the *Florida Building Code, Building*.

708.3.7.3 Appliances. Change to read as shown.

708.3.7.3 Appliances. Frames of electric ranges, wall-mounted ovens, counter-mounted cooking units, clothes dryers, and outlet or junction boxes that are part of the existing branch circuit for these appliances shall be permitted to be grounded to the grounded circuit conductor in accordance with Article 250-140 of Chapter 27 of the *Florida Building Code, Building*.

Section 709, Mechanical

709.1 Reconfigured or converted spaces. **Change to read as shown.**

709.1 Reconfigured or converted spaces. All reconfigured spaces intended for occupancy and all spaces converted to habitable or occupiable space in any work area shall be provided with natural or mechanical ventilation or exhaust in accordance with the *Florida Building Code, Mechanical*.

709.2 Existing mechanical systems. Change to read as shown.

709.2 Existing mechanical systems. Existing mechanical systems undergoing repair shall comply with Section 301.11 of the *Florida Building Code, Mechanical*.

709.3 Local exhaust. Change to read as shown.

709.3 Local exhaust. Reserved

Section 710, Plumbing

710.1 Minimum fixtures. Change to read as shown.

710.1 Minimum fixtures. Where the occupant load of the story is increased by more than 20 percent, plumbing fixtures for the story shall be provided in quantities specified in the *Florida Building Code, Plumbing* based on the increased occupant load.

710.2 Materials. Change to read as shown.

710.2 Materials. The following plumbing materials and supplies shall not be used:
1. Sheet and tubular copper and brass trap and tailpiece fittings less than the minimum wall thickness of .027 inch (0.69 mm).
2. Solder having more than 0.2-percent lead in the repair of potable water systems.
3. Water closets having a concealed trap seal or an unventilated space or having walls that are not thoroughly washed at each discharge in accordance with ASME A112.19.2M.
4. The following types of joints shall be prohibited:
4.1. Mastic or hot-pour bituminous joints.
4.2. Joints made with fittings not approved for the specific installation.
4.3. Joints between different diameter pipes made with elastomeric rolling O-rings.
4.4. Solvent-cement joints between different types of plastic pipe.
4.5. Saddle-type fittings.
5. The following types of trap are prohibited:
5.1. Traps that depend on moving parts to maintain the seal.
5.2. Bell traps.
5.3. Crown-vented traps.
5.4. Traps not integral with a fixture and that depend on interior partitions for the seal, except those traps constructed of an approved material that is resistant to corrosion and degradation.

710.3 Replacement fixtures. Change to read as shown.

710.3 Replacement fixtures. Replacement fixtures shall be installed in accordance with the *Florida Building Code, Plumbing*.

Section 711, Energy Conservation

711.1 Minimum requirements. Change to read as shown. Overlap exists and needs resolution.

711.1 Minimum requirements. Alterations subject to this chapter shall comply with the requirements of Chapter 13 of the *Florida Building Code, Building*.

Chapter 8, Alterations-Level 3

Section 801 General

801.1 Scope. Change to read as shown.

801.1 Scope. Alterations classified as Level 3 alterations as described in Section 305 shall comply with the requirements of this chapter.

Section 802, Special Use and Occupancy

802.1.2 Elevators. Change to read as shown. Overlap exists and needs resolution.

802.1.2 Elevators. Where there is an elevator or elevators for public use, at least one elevator serving the work area shall comply with the *Florida Fire Prevention Code*.
Exception: An approved engineering system in accordance with ASME 17.1 or Section 104.11 of the *Florida Building Code, Building* shall be a

Section 803, Building Elements and Materials

803.1 Existing shafts and vertical openings. Change to read as shown.

803.1 Existing shafts and vertical openings. Existing stairways that are part of the means of egress shall comply with the appropriate sections of the *Florida Fire Prevention Code.*

803.2.1 Separation required. Change to read as shown.

803.2.1 Separation required. Walls separating the units that are not continuous from the foundation to the underside of the roof sheathing shall be constructed to provide a continuous fire separation using construction materials consistent with the existing wall or complying with the requirements for new structures. All work shall be performed on the side of the wall that is part of the work area.
Exception: Where alterations or repairs do not result in the removal of wall or ceiling finishes exposing the structure, walls are not required to be continuous through concealed floor spaces.

Section 804, Fire Protection

804.1 Automatic sprinkler systems. Change to read as shown.

804.1 Automatic sprinkler systems. Automatic sprinkler systems shall be provided in all work areas in accordance with the *Florida Building Code, Building.*

804.1.1 High-rise buildings. Change to read as shown.

804.1.1 High-rise buildings. In high-rise buildings, work areas shall be provided with automatic sprinkler protection where the building has a sufficient municipal water supply system

to the site. Where the work area exceeds 50 percent of floor area, sprinklers shall be provided for the entire floor.

804.1.2 Rubbish and linen chutes. Change to read as shown.

804.1.2 Rubbish and linen chutes. Rubbish and linen chutes located in the work area shall be provided with sprinklered protection where protection of the rubbish and linen chute would be required under the provisions of the *Florida Building Code, Building* for new construction.

804.2 Fire alarm and detection systems. Change to read as shown.

804.2 Fire alarm and detection systems. Fire alarm and detection systems shall comply with the appropriate sections of the *Florida Fire Prevention Code*.

Section 805. Means of Egress

805.1 General. Change to read as shown.

805.1 General. The means of egress shall comply with the requirements of Section 705 except as modified in Sections 805.2 and 805.3.

805.2 Means of egress lighting. Change to read as shown.

805.2 Means of egress lighting. Means of egress from the highest work area floor to the floor of exit discharge shall be provided with artificial lighting within the exit enclosure in accordance with the requirements of the *Florida Building Code, Building*.

805.3 Exit signs. Change to read as shown.

805.3 Exit signs. Means of egress from the highest work area floor to the floor of exit discharge shall be provided with exit signs in accordance with the requirements of the *Florida Building Code, Building*.

Section 806, Accessibility

806.1 General. Change to read as shown.

806.1 General. A building, facility, or element that is altered shall comply with Chapter 11 of the *Florida Building Code, Building*.

Section 807, Structural

807.2 Reduction of strength. Change to read as shown.

807.2 Reduction of strength. Alterations shall not reduce the structural strength or stability of the building, structure, or any individual member thereof.

Exception: Such reduction shall be allowed provided that the structural strength and the stability of the building are not reduced to below the *Florida Building Code, Building* levels.

807.3 New structural members. Change to read as shown.

807.3 New structural members. New structural members in alterations, including connections and anchorage, shall comply with the *Florida Building Code, Building*.

807.5 Structural alterations. Change to read as shown.

807.5 Structural alterations. Buildings and structures undergoing Level 3 structural alterations or buildings in which the seismic base shear is increased by more than 10 percent or in which the seismic base shear capacity is decreased by more than 10 percent because of alterations shall comply with this section. Changes in base shear and base shear capacity shall be calculated relative to conditions at the time of the original construction.
Exceptions:
1. Buildings of Group R occupancy with no more than five dwelling or sleeping units used solely for residential purposes that are altered based on the conventional light-frame construction methods of the *Florida Building Code, Building* or in compliance with the provisions of the *Florida Building Code, Residential*.
2. Where such alterations involve only the lowest story of a building and the change of occupancy provisions of Chapter 9 do not apply, only the lateral-force-resisting components in and below that story need comply with this section.

807.5.1 Evaluation and analysis. Change to read as shown.

807.5.1 Evaluation and analysis. An engineering evaluation and analysis that establishes the structural adequacy of the altered structure shall be prepared by a registered architect or engineer and submitted to the building code official. Where more than 30 percent of the total sum of floor and roof areas of the building or structure has been or is proposed to be involved in structural alteration within a 12-month period, the evaluation and analysis shall demonstrate that the altered building or structure complies with the *Florida Building Code, Building* for wind loading.
Exceptions:
1. Buildings of Group R occupancy with no more than five dwelling units or sleeping units used solely for residential purposes that are altered based on the conventional light-frame construction methods as defined in Chapter 2.
2. Where such alterations involve only the lowest story of a building and the change of occupancy provisions of Chapter 8 do not apply, only the lateral-force-resisting components in and below that story need comply with this section.

807.6 Additional loads. Change to read as shown.

807.6 Additional loads. Where gravity loading is increased on the roof or floor of a building or structure, all structural members affected by such increase shall meet the gravity load requirements of the *Florida Building Code, Building*.
Exceptions:

1. Structural elements whose stress is not increased by more than 5 percent.
2. Buildings of Group R occupancy with no more than five dwelling units or sleeping units used solely for residential purposes that are altered based on the conventional light-frame construction methods as defined in Chapter 2.

807.7 Voluntary lateral-force-resisting system alterations. Change to read as shown. Overlap exists and needs resolution.

807.7 Voluntary lateral-force-resisting system alterations. Alterations of existing structural elements and additions of new structural elements that are initiated for the purpose of increasing the lateral-force-resisting strength or stiffness of an existing structure and that are not required by other sections of this code shall not be required to be designed for forces conforming to the *Florida Building Code,* provided that an engineering analysis is submitted to show that:
1. The capacity of existing structural elements required to resist forces is not reduced;
2. Either the lateral loading to existing structural elements is not increased beyond their capacity or the lateral loading to existing structural elements is not increased by more than 10 percent;
3. New structural elements are detailed and connected to the existing structural elements as required by the *Florida Building Code*;
4. New or relocated nonstructural elements are detailed and connected to existing or new structural elements as required by the *Florida Building Code*; and
5. A dangerous condition as defined in this code is not created. Voluntary alterations to lateral-force-resisting systems conducted in accordance with Appendix A and the referenced standards of this code shall be permitted.

Section 808, Energy Conservation

808.1 Minimum requirements. Change to read as shown.

808.1 Minimum requirements. Alterations subject to this chapter shall comply with the requirements of Chapter 13 of the *Florida Building Code, Building.*

Chapter 9, Change of Occupancy

Section 901, General

901.2.1 Repair and alteration with no change of occupancy classification. Change to read as shown.

901.2.1 Repair and alteration with no change of occupancy classification. Any repair or alteration work undertaken in connection with a change of occupancy that does not involve a change of occupancy classification shall conform to the applicable requirements for the work as classified in Chapter 4 and to the requirements of Sections 902 through 911.

901.4 Certificate of occupancy required. Change to read as shown.

901.4 Certificate of occupancy required. A certificate of occupancy shall be issued where a change of occupancy occurs that results in being classified as a different occupancy classification as determined by the *Florida Building Code, Building*.

Section 902, Special Use and Occupancy

902.1 Compliance with the building code. Change to read as shown.

902.1 Compliance with the building code. Where the character or use of an existing building or part of an existing building is changed to one of the following special occupancy categories as defined in Chapter 4 of the *Florida Building Code, Building*, the building shall comply with all of the applicable requirements of the *Florida Building Code, Building*.
1. Covered mall buildings.
2. Atriums.
3. Motor vehicle related occupancies.
4. Aircraft related occupancies.
5. Motion picture projection rooms.
6. Stages and platforms.
7. Special amusement buildings.
8. Incidental use areas.
9. Hazardous materials.

902.2 Underground buildings. Change to read as shown.

902.2 Underground buildings. An underground building in which there is a change of use shall comply with the requirements of the *Florida Building Code, Building* applicable to underground structures.

Section 906, Accessibility

906.1 General. Accessibility in portions of buildings undergoing a change of occupancy classification shall comply with Chapter 11 of the *Florida Building Code, Building*.

Section 907, Structural

907.1 Gravity loads. Change to read as shown.

907.1 Gravity loads. Buildings or portions thereof subject to a change of occupancy where such change in the nature of occupancy results in higher uniform or concentrated loads based on the *Florida Building Code, Building* Tables 1607.1 and 1607.6 (high-velocity hurricane zones shall comply with Table 1615.2) shall comply with the gravity load provisions of the *Florida Building Code, Building*.
Exception: Structural elements whose stress is not increased by more than 5 percent.

907.2 Wind loads. Change to read as shown.

907.2 Wind loads. Buildings and structures subject to a change of occupancy where such change in the nature of occupancy results in higher wind importance factors based on the *Florida Building Code, Building* Table 1604.5, (high -velocity hurricane zones shall comply with Table 1615.2) shall be analyzed and shall comply with the applicable wind load provisions of the *Florida Building Code, Building*.
Exception: Where the new occupancy with a higher importance factor is less than or equal to 10 percent of the total building floor area. The cumulative effect of the area of occupancy changes shall be considered for the purposes of this exception.

907.3 Seismic loads. Change to read as shown.

907.3 Seismic loads. Reserved.

Section 908, Electrical

908.1 Special occupancies. Change to read as shown.

908.1 Special occupancies. Where the occupancy of an existing building or part of an existing building is changed to one of the following special occupancies as described in Chapter 27 of the *Florida Building Code, Building*, the electrical wiring and equipment of the building or portion thereof that contains the proposed occupancy shall comply with the applicable requirements of Chapter 27 of the *Florida Building Code, Building* whether or not a change of occupancy group is involved:
1. Hazardous locations.
2. Commercial garages, repair, and storage.
3. Aircraft hangars.
4. Gasoline dispensing and service stations.
5. Bulk storage plants.
6. Spray application, dipping, and coating processes.
7. Health care facilities.
8. Places of assembly.
9. Theaters, audience areas of motion picture and television studios, and similar locations.
10. Motion picture and television studios and similar locations.
11. Motion picture projectors.

908.2 Unsafe conditions. Change to read as shown.

908.2 Unsafe conditions. Where the occupancy of an existing building or part of an existing building is changed, all unsafe conditions shall be corrected without requiring that all parts of the electrical system be brought up to the current edition of Chapter 27 of the *Florida Building Code, Building*.

908.3 Service upgrade. Change to read as shown.

908.3 Service upgrade. Where the occupancy of an existing building or part of an existing building is changed, the electrical service shall be upgraded to meet the requirements of Chapter 27 of the *Florida Building Code, Building*, for the new occupancy.

908.4 Number of electrical outlets. Change to read as shown.

908.4 Number of electrical outlets. Where the occupancy of an existing building or part of an existing building is changed, the number of electrical outlets shall comply with Chapter 27 of the *Florida Building Code, Building* for the new occupancy.

Section 909, Mechanical

909.1 Mechanical requirements. Where the occupancy of an existing building or part of an existing building is changed such that the new occupancy is subject to different kitchen exhaust requirements or to increased mechanical ventilation requirements in accordance with the *Florida Building Code, Mechanical*, the intent of the respective *Florida Building Code, Mechanical* provisions shall be complied with for the new occupancy.

Section 910, Plumbing

910.1 Increased demand. Change to read as shown.

910.1 Increased demand. Where the occupancy of an existing building or part of an existing building is changed such that the new occupancy is subject to increased or different plumbing fixture requirements or to increased water supply requirements in accordance with the *Florida Building Code Plumbing*, the intent of the respective *Florida Building Code, Plumbing* provisions shall be complied with for the new occupancy.

910.2 Food handling occupancies. Change to read as shown.

910.2 Food handling occupancies. Reserved.

910.3 Interceptor required. Change to read as shown.

910.3 Interceptor required. If the new occupancy will produce grease or oil-laden wastes, interceptors shall be provided as required in the *Florida Building Code, Plumbing*.

910.5 Group I-2. Change to read as shown.

910.5 Group I-2. If the occupancy group is changed to Group I-2, the plumbing system shall comply with the applicable requirements of the *Florida Building Code, Plumbing*.

Section 911, Other Requirements

911.1 Light and ventilation. Change to read as shown.

911.1 Light and ventilation. Reserved.

911.1.1 Light and ventilation. Change to read as shown.

911.1.1 Light and ventilation. Light and ventilation shall comply with the requirements of the *Florida Building Code, Building* for the new occupancy.

Section 912 Change of Occupancy and Classification

912.1.1 Change of occupancy group without separation. Change to read as shown.

912.1.1.1 Change of occupancy classification without separation. Where a portion of an existing building is changed to a new occupancy classification and that portion is not separated from the remainder of the building with fire-rated wall/ceiling having a fire-resistance rating as required in the *Florida Building Code* for the separate occupancy, the entire building shall comply with all of the requirements of Chapter 8 applied throughout the building for the most restrictive occupancy classification in the building and with the requirements of this chapter.

912.1.2 Change of occupancy group with separation. Change to read as shown.

912.1.1.2 Change of occupancy classification with separation. Where a portion of an existing building that is changed to a new occupancy classification and that portion is separated from the remainder of the building with fire barriers having a fire-resistance rating as required in the *Florida Building Code* for the separate occupancy, that portion shall comply with all the requirements of Chapter 8 for the new occupancy classification and with the requirements of this chapter.

912.4.1 Means of egress for change to higher hazard category. Change to read as shown.

912.4.1 Means of egress for change to higher hazard category. When a change of occupancy group is made to a higher hazard category (lower number) as shown in Table 912.4, the means of egress shall comply with the requirements of Chapter 10 of the *Florida Building Code, Building*.
Exceptions:
1. Stairways shall be enclosed in compliance with the applicable provisions of Section 803.1.
2. Existing stairways including handrails and guards complying with the requirements of Chapter 8 shall be permitted for continued use subject to approval of the code official.
3. Any stairway replacing an existing stairway within a space where, because of existing construction, the pitch or slope cannot be reduced, shall be permitted for continued use subject to approval of the building code official.
4. Where an existing corridor is required to be fire rated, equivalency can be achieved by either sprinklering the building or using equivalency as per NFPA 914 or Chapter 7 of the *Florida Building Code, Building* for fire resistance. Also, see Section 1001.2 of the *Florida Building Code, Building*.
5. Existing corridor doorways, transoms, and other corridor openings shall comply with the requirements in Sections 705.5.1, 705.5.2, and 705.5.3.

6. Existing dead-end corridors shall comply with the requirements in Section 705.6.
7. Where emergency escape and rescue openings are required, an existing operable window with clear opening area no less than 4 square feet (0.38 m2) and with minimum opening height and width of 22 inches (559 mm) and 20 inches (508 mm), respectively, with maximum sill height at 44 inches (1118 mm) above the floor or approved permanent elevated area, shall be accepted as an emergency escape and rescue opening.

912.4.2 Means of egress for change of use to equal or lower hazard category. When a change of occupancy classification is made to an equal or lesser hazard category (higher number) as shown in Table 912.4, existing elements of the means of egress shall comply with the requirements of Section 805 for the new occupancy classification. Newly constructed or configured means of egress shall comply with the requirements of Chapter 10 of the *Florida Building Code, Building*.
Exception: Any stairway replacing an existing stairway within a space where the pitch or slope cannot be reduced because of existing construction shall be permitted for continued use subject to approval of the building code official. Also, see Section 1001.4 of the *Florida Building Code, Building*.

Table 912.5 Heights and Areas Hazard Categories. Change to read as shown.

TABLE 912.5
HEIGHTS AND AREAS HAZARD CATEGORIES

RELATIVE HAZARD	OCCUPANCY CLASSIFICATIONS
1 (Highest Hazard)	H
2	A-1, A-2, A-3, A-4, I, R-1, R-2, R-4
3	E, F-1, S-1, M, D
4 (Lowest Hazard)	B, F-2, S-2, A-5, R-3, U

912.5.1 Height and area for change to higher hazard category. Change to read as shown.

912.5.1 Height and area for change to higher hazard category. When a change of occupancy classification is made to a higher hazard category as shown in Table 912.5, heights and areas of buildings and structures shall comply with the requirements of Chapter 5 of the *Florida Building Code* for the new occupancy classification.

912.5.3 Fire-rated wall/ceiling. Change to read as shown.

912.5.3 Fire-rated wall/ceiling. When a change of occupancy group is made to a higher hazard category as shown in Table 912.5, a fire-rated wall/ceiling in separated mixed-use buildings shall comply with the fire-resistance requirements of the *Florida Building Code, Building*.
Exception: Where the fire-rated wall/ceiling are required to have a 1-hour fire-resistance rating, existing wood lath and plaster in good condition or existing ½-inch-thick (12.7 mm) gypsum wallboard shall be permitted.

Table 912.6 Exposure of Exterior Walls Hazard Categories. Change to read as shown.

TABLE 912.6
EXPOSURE OF EXTERIOR WALLS HAZARD CATEGORIES

RELATIVE HAZARD	OCCUPANCY CLASSIFICATION
1 (Highest Hazard)	H
2	F-1, M, S-1
3	A, B, E, I, R, D
4 (Lowest Hazard)	F-2, S-2, U

912.6.1 Exterior wall rating for change of occupancy classification to a higher hazard category. Change to read as shown.

912.6.1 Exterior wall rating for change of occupancy classification to a higher hazard category. When a change of occupancy group is made to a higher hazard category as shown in Table 912.6, exterior walls shall have fire resistance and exterior opening protectives as required by the *Florida Building Code, Building*. This provision shall not apply to walls at right angles to the property line.
Exception: A 2-hour fire-resistance rating shall be allowed where the building does not exceed three stories in height and is classified as one of the following groups:
A-2 and A-3 with an occupant load of less than 300, B, F, M, or S.

912.6.3 Opening protectives. Change to read as shown.

912.6.3 Opening protectives. Openings in exterior walls shall be protected as required by the *Florida Building Code, Building*. Where openings in the exterior walls are required to be protected because of their distance from the property line, the sum of the area of such openings shall not exceed 50 percent of the total area of the wall in each story.
Exceptions:
1. Where the *Florida Building Code, Building* permits openings in excess of 50 percent.

[The remainder of text remains unchanged.]

912.7.1 Minimum requirements. Change to read as shown.

912.7.1 Minimum requirements. Vertical shafts shall be designed to meet the *Florida Building Code, Building* requirements for atriums or the requirements of this section.

912.7.2 Stairways. Change to read as shown.

912.7.1 Stairways. When a change of occupancy classification is made to a higher hazard category as shown in Table 912.4, interior stairways shall be enclosed as required by the *Florida Building Code, Building*.
Exceptions:
1. In other than Group I occupancies, an enclosure shall not be required for openings serving only one adjacent floor and that are not connected with corridors or stairways serving other floors.
2. Unenclosed existing stairways need not be enclosed in a continuous vertical shaft if each story is separated from other stories by 1-hour fire-resistance-rated construction

or approved wired glass set in steel frames and all exit corridors are sprinklered. An opening between the corridor and the occupant space shall have at least one sprinkler head above the openings on the tenant side. The sprinkler system shall be permitted to be supplied from the domestic water-supply systems, provided the system is of adequate pressure, capacity, and sizing for the combined domestic and sprinkler requirements.

Existing penetrations of stairway enclosures shall be accepted if they are protected in accordance with the *Florida Building Code, Building*.

912.7.3 Other vertical shafts. Change to read as shown.

912.7.3 Other vertical shafts. Interior vertical shafts other than stairways, including but not limited to elevator hoistways and service and utility shafts, shall be enclosed as required by the *Florida Building Code, Building* when there is a change of use to a higher hazard category as specified in Table 912.4.

Exceptions:

1. Existing 1-hour interior shaft enclosures shall be accepted where a higher rating is required.
2. Vertical openings, other than stairways, in buildings of other than Group I occupancy shall comply with the appropriate sections of the *Florida Fire Prevention Code*.

912.8 Accessibility. Change to read as shown.

912.8 Accessibility. Existing buildings or portions thereof that undergo a change of group or occupancy classification shall comply with Chapter 11 of the *Florida Building Code, Building*.

Chapter 10, Additions

Section 1001, General

1001.3 Other work. Change to read as shown.

1001.3 Other work. Any repair or alteration work within an existing building to which an addition is being made shall comply with the applicable requirements of the appropriate chapter of this code for the level of rehabilitation undertaken.

Section 1002, Heights and Areas

1002.1 Height limitations. Change to read as shown.

1002.1 Height limitations. No addition shall increase the height of an existing building beyond that permitted under the applicable provisions of Chapter 5 of the *Florida Building Code, Building* for new buildings

1002.2 Area limitations. Change to read as shown.

1002.2 Area limitations. No addition shall increase the area of an existing building beyond that permitted under the applicable provisions of Chapter 5 of the *Florida Building Code, Building* for new buildings unless fire separation as required by the *Florida Building Code, Building* is provided.
Exception: In-filling of floor openings and nonoccupiable appendages such as elevator and exit stair shafts shall be permitted beyond that permitted by the *Florida Building Code, Building.*

1002.3 Fire protection systems. Change to read as shown.

1002.3 Fire protection systems. Existing allowable areas increased by the addition shall comply with Chapter 9 of the *Florida Building Code, Building*.

Section 1003, Structural

1003.1 Compliance with the *Florida Building Code*. Change to read as shown.

1003.1 Compliance with the *Florida Building Code*. Additions to existing buildings or structures are new construction and shall comply with the *Florida Building Code, Building*.

1003.2 Additional gravity loads. Change to read as shown.

1003.2 Additional gravity loads. Existing structural elements supporting any additional gravity loads as a result of additions shall comply with the *Florida Building Code, Building*.
Exceptions:
1. Structural elements whose stress is not increased by more than 5 percent.
2. Buildings of Group R occupancy with no more than five dwelling units or sleeping units used solely for residential purposes where the existing building and the addition comply with the conventional light-frame construction methods as defined in Chapter 2.

1003.3 Lateral-force-resisting system. Change to read as shown. Overlap exists and needs resolution.

1003.3 Lateral-force-resisting system. The lateral-force-resisting system of existing buildings to which additions are made shall comply with Sections 1003.3.1, 1003.3.2 and 1003.3.3.
Exceptions:
1. Buildings of Group R occupancy with no more than five dwelling or sleeping units used solely for residential purposes where the existing building and the addition comply with the conventional light-frame construction methods of the *Florida Building Code* or the provisions of the *Florida Building Code, Residential*.
2. In other existing buildings where the lateral-force story shear in any story is not increased by more than 10 percent cumulative.

1003.3.1 Vertical addition. Change to read as shown.

1003.3.1 Vertical addition. Any element of the lateral-force-resisting system of an existing building subjected to an increase in vertical or lateral loads from the vertical addition shall comply with the lateral load provisions of the *Florida Building Code, Building.*

1003.3.2 Horizontal addition. Change to read as shown.

1003.3.2 Horizontal addition. Where horizontal additions are structurally connected to an existing structure, all lateral-force-resisting elements of the existing structure affected by such addition shall comply with the lateral load provisions of the *Florida Building Code, Building*.

1003.4 Snow drift loads. Change to read as shown.

1003.4 Snow drift loads. Reserved.

1003.5 Flood hazard areas. Change to read as shown.

1003.5 Flood hazard areas. See Section 501.4.

Section 1004, Smoke Alarms in Occupancy Groups R-3 and R-4

1004.1 Smoke alarms in existing portions of a building. Change to read as shown.

1004.1 Smoke alarms in existing portions of a building. Whenever an addition is made to a building or structure of a Group R-3 or R-4 occupancy, the existing building shall be provided with smoke alarms as required by the *Florida Building Code, Building* or the *Florida Building Code, Residential* as applicable. The smoke alarms in the existing building are not required to be interconnected with smoke alarms in other portions of the base building.

Section 1005, Accessibility

1005.1 Minimum requirements. Change to read as shown.

1005.1 Minimum requirements. Accessibility provisions for new construction shall apply to additions. An addition that affects the accessibility to, or contains an area of, primary function shall comply with the requirements in Chapter 11 of the *Florida Building Code, Building.*

Section 1006, Energy Conservation

1006.1 Minimum requirements. Change to read as shown.

1006.1 Minimum requirements. Additions to existing buildings or structures shall comply with the requirements of Chapter 13 of the *Florida Building Code, Building*.

Chapter 11 Historic Building

[Chapter 11 is replaced with Chapter 10 in the 2004 FBC, Existing Building. The sections are renumbered.]

Chapter 12, Relocated or Moved Buildings

Section 1201, General

1201.2 Conformance. Change to read as shown.

1201.2 Conformance. The building shall be safe for human occupancy as determined by the *Florida Fire Prevention Code* and the *Florida Building Code, Building*. Any repair, alteration, or change of occupancy undertaken within the moved structure shall comply with the requirements of this code applicable to the work being performed. Any field-fabricated elements shall comply with the requirements of the *Florida Building Code, Building.*

Section 1202 Requirements Change to read as shown.

Section 1202 Requirements

1202.0 Change to read as shown.

1202.0 Residential buildings or structures moved into or within a county or municipality shall not be required to be brought into compliance with the state minimum building code in force at the time the building or structure is moved, provided:
1. The building or structure is structurally sound and in occupiable condition for its intended use;
2. The occupancy use classification for the building or structure is not changed as a result of the move;
3. The building is not substantially remodeled;
4. Current fire code requirements for ingress and egress are met;
5. Electrical, gas and plumbing systems meet the code in force at the time of construction and are operational and safe for reconnection; and
6. Foundation plans are sealed by a professional engineer or architect licensed to practice in this state, if required by the *Florida Building Code, Building* for all residential buildings or structures of the same occupancy class.
7. Moving of buildings shall be in accordance with the *Florida Building Code, Building.*

1202.1 Location on the lot. Change to read as shown.

1202.1 Location on the lot. The building shall be located on the lot in accordance with the requirements of the *Florida Building Code, Building.*

1202.2 Foundation. Change to read as shown.

1202.2 Foundation. The foundation system of relocated buildings shall comply with the *Florida Building Code, Building* or the *Florida Building Code, Residential* as applicable.

1202.2.1 Historic buildings. Change to read as shown.

1202.2.1 Historic buildings. Foundations of relocated historic buildings and structures shall comply with the *Florida Building Code, Building*. Relocated historic buildings shall otherwise be considered historic buildings for the purpose of this code. Relocated historic buildings and structures shall be so sited that exterior wall and opening requirements comply with the *Florida Building Code, Building* or the compliance alternatives of this code.

1202.2.2 Connection to the foundation. Change to read as shown.

1202.2.2 Connection to the foundation. The connection of the relocated building to the foundation shall comply with the *Florida Building Code, Building*.

1202.3 Wind loads. Change to read as shown.

1202.3 Wind loads. Buildings shall comply with the *Florida Building Code, Building*.
Exceptions:
1. Structural elements whose stress is not increased by more than 5 percent.
2. Manufactured buildings as approved by the Manufactured Buildings Program, Florida Department of Community Affairs.

1202.4 Required inspection and repairs. Change to read as shown.

1202.4 Required inspection and repairs. The building official shall be authorized to inspect, or to require approved professionals to inspect at the expense of the owner, the various structural parts of a relocated building to verify that structural components and connections have not sustained structural damage. Any repairs required by the building official as a result of such inspection shall be made prior to the final approval.

1202.4 Seismic loads. Change to read as shown.

1202.4 Seismic loads. Reserved.

1202.5 Snow loads. Change to read as shown.

1202.5 Snow loads. Reserved.

1202.6 Flood hazard areas. Change to read as shown.

1202.6 Flood hazard areas. Reserved.

Chapter 13, Compliance Alternatives

Section 1301, General

1301.2 Applicability. Change to read as shown.

1301.2 Applicability. Existing structures shall be made to conform to the requirements of this chapter or the provisions of Chapters 4 through 10. The provisions of Sections 1301.2.1 through 1301.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, and S. These provisions shall not apply to buildings with occupancies in Group H or Group I.

1301.2.2 Partial change in occupancy. Change to read as shown.

1301.2.2 Partial change in occupancy. Where a portion of the building is changed to a new occupancy classification and that portion is separated from the remainder of the building with fire barrier wall assemblies having a fire-resistance rating as required by Table 302.3.2 of the *Florida Building Code, Building* or Section R317 of the *Florida Building Code, Residential* for the separate occupancies, or with approved compliance alternatives, the portion changed shall be made to conform to the provisions of this section.
Where a portion of the building is changed to a new occupancy classification and that portion is not separated from the remainder of the building with fire separation assemblies having a fire-resistance rating as required by Table 302.3.2 of the *Florida Building Code, Building* or Section R317 of the *Florida Building Code, Residential* for the separate occupancies, or with approved compliance alternatives, the provisions of this section which apply to each occupancy shall apply to the entire building. Where there are conflicting provisions, those requirements which secure the greater public safety shall apply to the entire building or structure.

1301.2.3 Additions. Change to read as shown.

1301.2.3 Additions. Additions to existing buildings shall comply with the requirements of the *Florida Building Code, Building; Florida Building Code, Residential*; and this code for new construction. The combined height and area of the existing building and the new addition shall not exceed the height and area allowed by Chapter 5 of the *Florida Building Code, Building*. Where a fire wall that complies with Section 705 and Chapter 2 of the *Florida Building Code, Building* is provided between the addition and the existing building, the addition shall be considered a separate building.

1301.2.4 Alterations and repairs. Change to read as shown.

1301.2.4 Alterations and repairs. An existing building or portion thereof that does not comply with the requirements of this code for new construction shall not be altered or repaired in such a manner that results in the building being less safe or sanitary than such building is currently. If, in the alteration or repair, the current level of safety or sanitation is to be reduced, the portion altered or repaired shall conform to the requirements of Chapters 2 through 36 of the *Florida Building Code, Building.*

1301.2.5 Accessibility requirements. Change to read as shown.

1301.2.5 Accessibility requirements. All portions of the buildings proposed for change of occupancy shall conform to the accessibility provisions of Chapter 11 of the *Florida Building Code, Building.*

1301.3.1 Hazards. Change to read as shown.

1301.3.1 Hazards. Reserved.

1301.3.2 Compliance with other codes. Change to read as shown.

1301.3.2 Compliance with other codes. Buildings that are evaluated in accordance with this section shall comply with the *Florida Fire Prevention Code.*

1301.3.3 Compliance with flood hazard provisions. Change to read as shown.

1301.3.3 Compliance with flood hazard provisions. See Section 501.4.

1301.4 Investigation and evaluation. Change to read as shown.

1301.4 Investigation and evaluation. For proposed work covered by this chapter, the building owner shall cause the existing building to be investigated and evaluated by a registered architect or engineer in accordance with the provisions of Sections 1301.4 through 1301.9. Historic buildings shall be investigated and evaluated in accordance with Chapter 11.

1301.4.1 Structural analysis. Change to read as shown.

1301.4.1 Structural analysis. The owner shall have a structural analysis of the existing building made by a registered architect or engineer to determine adequacy of structural systems for the proposed alteration, addition, or change of occupancy. The existing building shall be capable of supporting the minimum load requirements of Chapter 16 of the *Florida Building Code, Building*.

1301.6.1 Building height. Change to read as shown.

1301.6.1 Building height. The value for building height shall be the lesser value determined by the formula in Section 1301.6.1.1. Chapter 5 of the *Florida Building Code, Building,* shall be used to determine the allowable height of the building, including allowable increases due to automatic sprinklers in Section 503. Subtract the actual building height from the allowable height and divide by 12½ feet (3810 mm). Enter the height value and its sign (positive or negative) in Table 1301.7 under Safety Parameter 1301.6.1, Building Height, for fire safety, means of egress, and general safety. The maximum score for a building shall be 10.

1301.6.1.1 Height formula. Change to read as shown.

1301.6.1.1 Height formula. The following formulas shall be used in computing the building height value.

$$\text{Height value, feet} = \frac{(AH) - (EBH)}{12.5} \times CF$$

Height value, stories = (AS - EBS) x CF (Equation 13-1)

where:

AH = Allowable height in feet (mm) from Table 503 of the *Florida Building Code, Building.*

EBH = Existing building height in feet (mm).

AS = Allowable height in stories from Table 503 of the *Florida Building Code, Building.*

EBS = Existing building height in stories.

CF = 1 if (AH) - (EBH) is positive.

CF = Construction type factor shown in Table 1301.6.6(2) if (AH) - (EBH) is negative.

Note: Where mixed occupancies are separated and individually evaluated as indicated in Section 1301.6, the values AH, AS, EBH, and EBS shall be based on the height of the fire area of the occupancy being evaluated.

1301.6.2 Building area. Change to read as shown.

1301.6.2 Building area. The value for building area shall be determined by the formula in Section 1301.6.2.2. Section 503 of the *Florida Building Code, Building* and the formula in Section 1301.6.2.1 shall be used to determine the allowable area of the building. The allowable area shall be the lesser value calculated by Equations 13-2 and 13-3.This shall include any allowable increases due to open perimeter and automatic sprinklers as provided for in Section 506 of the *Florida Building Code, Building*. Subtract the actual building area from the allowable area and divide by 1,200 square feet (112 m^2). Enter the area value and its sign (positive or negative) in Table 1301.7 under Safety Parameter 1301.6.2, Building Area, for fire safety, means of egress, and general safety. In determining the area value, the maximum permitted positive value for area is 50 percent of the fire safety score as listed in Table 1301.8, Mandatory Safety Scores.

1301.6.2.1 Allowable area formula. Change to read as shown.

1301.6.2.1 Allowable area formula. The following formula shall be used in computing allowable area:

$$A_a = \frac{(100 + I_f + I_s) \times A_t}{100} \quad \text{(Equation 13-2)}$$

$A_{max.} = 3 \times A_a$, as calculated in accordance with Section 506.4 of the *Florida Building Code, Building.* (Equation 13-3)

where:

A_a = Allowable area per floor.

I_s = Area increase due to sprinkler protection, percent as calculated in accordance with Section 506.3 of the *Florida Building Code, Building.*

I_f = Area increase due to frontage, percent as calculated in accordance with Section 506.2 of the *Florida Building Code, Building.*

A_t = Tabular area per floor in accordance with Table 503 of the *Florida Building Code, Building,* square feet (m^2).

Amax = Total area of the entire building.
A_a, max. = Allowable area per floor based on the limitations of Section 506.4 of the *Florida Building Code, Building*.

1301.6.3.1 Wall construction. Change to read as shown.

1301.6.3.1 Wall construction. A wall used to create separate compartments shall be a fire barrier conforming to Section 706 of the *Florida Building Code, Building* with a fire- resistance rating of not less than 2 hours. Where the building is not divided into more than one compartment, the compartment size shall be taken as the total floor area on all floors. Where there is more than one compartment within a story, each compartmented area on such story shall be provided with a horizontal exit conforming to Section 1021 of the *Florida Building Code, Building*. The fire door serving as the horizontal exit between compartments shall be so installed, fitted, and gasketed that such fire door will provide a substantial barrier to the passage of smoke.

Table 1301.6.3, Compartmentation Values. Change to read as shown.

TABLE 1301.6.3
COMPARTMENTATION VALUES

OCCUPANCY	CATEGORIES				
	a Compartment size equal to or greater than 15,000 square feet	**b** Compartment size of 10,000 square feet	**c** Compartment size of 7,500 square feet	**d** Compartment size of 5,000 square feet	**e** Compartment size of 2,500 square feet or less
A-1, A-3	**0**	**6**	**10**	**14**	**18**
A-2	**0**	**4**	**10**	**14**	**18**
A-4, B, E, S-2, D	**4**	**5**	**10**	**15**	**20**
F, M, R, S-1	**0**	**4**	**10**	**16**	**22**

For SI: 1 square foot = 0.0929 m2.

Table 1301.6.4 Separation Values. Change to read as shown.

TABLE 1301.6.4 SEPARATION VALUES

OCCUPANCY	CATEGORIES				
	a	**b**	**c**	**d**	**e**
A-1	0	0	0	0	1
A-2	-5	-3	0	1	3
R	-4	-2	0	2	4
A-3, A-4, B, E, F, M, S-1, D	-4	-3	0	2	4
S-2	-5	-2	0	2	4

1301.6.4.1 Categories. Change to read as shown.

1301.6.4.1 Categories. The categories for tenant and dwelling unit separations are:

1. Category a–No fire partitions; incomplete fire partitions; no doors; doors not self-closing or automatic closing.
2. Category b–Fire partitions or floor assembly less than 1-hour fire-resistance rating or not constructed in accordance with Sections 708 or 711 of the *Florida Building Code, Building,* respectively.
3. Category c–Fire partitions with 1-hour or greater fire-resistance rating constructed in accordance with Section 708 of the *Florida Building Code, Building* and floor assemblies with 1-hour but less than 2-hour fire-resistance rating constructed in accordance with Section 711 of the *Florida Building Code, Building* or with only one tenant within the fire area.
4. Category d–Fire barriers with 1-hour but less than 2-hour fire-resistance rating constructed in accordance with Section 706 of the *Florida Building Code, Building* and floor assemblies with 2-hour or greater fire-resistance rating constructed in accordance with Section 711 of the *Florida Building Code, Building*.
5. Category e–Fire barriers and floor assemblies with 2-hour or greater fire-resistance rating and constructed in accordance with Sections 706 and 711 of the *Florida Building Code, Building,* respectively.

1301.6.5 Corridor walls. Change to read as shown.

1301.6.5 Corridor walls. Evaluate the fire-resistance rating and degree of completeness of walls which create corridors serving the floor and that are constructed in accordance with Sections 302.3.2, 1008, 1016 and Table 1004.3.2.1 and 1016.1 of the *Florida Building Code, Building*. This evaluation shall not include the wall elements considered under Sections 1301.6.3 and 1301.6.4. Under the categories and groups in Table 1301.6.5, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.5, Corridor Walls, for fire safety, means of egress, and general safety.

Table 1301.6.5 Corridor Wall Values. Change to read as shown.

TABLE 1301.6.5 CORRIDOR WALL VALUES

OCCUPANCY	CATEGORIES			
	a	**b**	**c**a	**d**a
A-1	-10	-4	0	2
A-2	-30	-12	0	2
A-3, F, M, R, S-1, D	-7	-3	0	2
A-4, B, E, S-2	-5	-2	0	5

a. Corridors not providing at least one-half the travel distance for all occupants on a floor shall use Category b.

1301.6.5.1 Categories. Change to read as shown.

1301.6.5.1 Categories. The categories for corridor walls are:

1. Category a–No fire partitions; incomplete fire partitions; no doors; or doors not self-closing.
2. Category b–Less than 1-hour fire-resistance rating or not constructed in accordance with Section 708.4 of the *Florida Building Code, Building.*
3. Category c–1-hour to less than 2-hour fire-resistance rating, with doors conforming to Section 715 of the *Florida Building Code, Building* or without corridors as permitted by Section 1013 of the *Florida Building Code, Building*.
4. Category d–2-hour or greater fire-resistance rating, with doors conforming to Section 715 of the *Florida Building Code, Building*.

1301.6.6 Vertical openings. Change to read as shown.

1301.6.6 Vertical openings. Evaluate the fire-resistance rating of vertical exit enclosures, hoistways, escalator openings, and other shaft enclosures within the building, and openings between two or more floors. Table 1301.6.6(1) contains the appropriate protection values. Multiply that value by the construction type factor found in Table 1301.6.6(2). Enter the vertical opening value and its sign (positive or negative) in Table 1301.7 under Safety Parameter 1301.6.6, Vertical Openings, for fire safety, means of egress, and general safety. If the structure is a one-story building, enter a value of 2. Unenclosed vertical openings that conform to the requirements of Section 707 of the *Florida Building Code, Building* shall not be considered in the evaluation of vertical openings.

Table 1301.6.6(2) Type of Construction. Change to read as shown.

TABLE 1301.6.6(2)
TYPE OF CONSTRUCTION

Type	**I-A**		**I-B**		**II-A**		**II-B**		**III-A**		**III-B**		**IV**		**V-A**		**V-B**	
Sprink	**Un**	**S**	**Un**	**S**	**Un**	**S**	**Un**	**S**	**Un**	**S**	**Un**	**S**	**Un**	**S**	**Un**	**S**	**Un**	**S**
Factor	**1.2**	**1.1**	**2.2**	**1.6**	**2.2**	**2.2**	**2.3**	**2.2**	**3**	**3**	**3.2**	**3**	**2.3**	**1.7**	**3.3**	**3.3**	**7**	**3.3**

S: sprinklered
Un: unsprinklered

1301.6.7.1 Categories. Change to read as shown.

1301.6.7.1 Categories. The categories for HVAC systems are:
1. Category a–Plenums not in accordance with Section 602 of the *Florida Building Code, Mechanical*. -10 points.
2. Category b–Air movement in egress elements not in accordance with Section 1016.4 of the *Florida Building Code, Building*. -5 points.
3. Category c–Both Categories a and b are applicable. -15 points.
4. Category d–Compliance of the HVAC system with Section 1016.4 of the *Florida Building Code, Building* and Section 602 of the *Florida Building Code, Mechanical*. 0 points.
5. Category e–Systems serving one story; or a central boiler/chiller system without ductwork connecting two or more stories. +5 points.

1301.6.8 Automatic fire detection. Change to read as shown.

1301.6.8 Automatic fire detection. Evaluate the smoke detection capability based on the location and operation of automatic fire detectors in accordance with Section 907 of the *Florida Building Code, Building* and Section 513 of the *Florida Building Code, Mechanical*. Under the categories and occupancies in Table 1301.6.8, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.8, Automatic Fire Detection, for fire safety, means of egress, and general safety.

Table 1301.6.8 Automatic Fire Detection Values. Change to read as shown.

TABLE 1301.6.8 AUTOMATIC FIRE DETECTION VALUES

OCCUPANCY	CATEGORIES				
	a	b	c	d	e
A-1, A-3, F, M, R, S-1	-10	-5	0	2	6
A-2	-25	-5	0	5	9
A-4, B, E, S-2, D	-4	-2	0	4	8

1301.6.8.1 Categories. Change to read as shown.

1301.6.8.1 Categories. The categories for automatic fire detection are:

1. Category a–None.
2. Category b–Existing smoke detectors in HVAC systems and maintained in accordance with the *Florida Fire Prevention Code*.
3. Category c–Smoke detectors in HVAC systems. The detectors are installed in accordance with the requirements for new buildings in the *Florida Building Code, Mechanical.*
4. Category d–Smoke detectors throughout all floor areas other than individual sleeping units, tenant spaces, and dwelling units.
5. Category e–Smoke detectors installed throughout the fire area.

1301.6.9 Fire alarm systems. Change to read as shown.

1301.6.9 Fire alarm systems. Evaluate the capability of the fire alarm system in accordance with Section 907 of the *Florida Building Code, Building*. Under the categories and occupancies in Table 1301.6.9, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.9, Fire Alarm System, for fire safety, means of egress, and general safety.

Table 1301.6.9 Fire Alarm System Values. Change to read as shown.

TABLE 1301.6.9 FIRE ALARM SYSTEM VALUES

OCCUPANCY	CATEGORIES				
	a	bab	cb	db	eb

A-1, A-2, A-3, A-4, B, E, R, D	-10	-5	0	3	5
F, M, S	0	5	10	12	15

a. For buildings equipped throughout with an automatic sprinkler system, add 2 points for activation by a sprinkler water-flow device.

b. For fire alarm systems meeting central station or remote station in accordance with NFPA 72, add 2 points.

1301.6.9.1 Categories. Change to read as shown.

1301.6.9.1 Categories. The categories for fire alarm systems are:

1. Category a–None.
2. Category b–Fire alarm system with manual fire alarm boxes in accordance with Section 907.3 of the *Florida Building Code, Building* and alarm notification appliances in accordance with Section 907.9 of the *Florida Building Code, Building*.
3. Category c–Fire alarm system in accordance with Section 907 of the *Florida Building Code, Building.*
4. Category d - Fire alarm systems installed but not required in accordance with NFPA 72.
5. Category e–Category c plus a required emergency voice/alarm communications system and a fire command station that conforms to Section 403.8 of the *Florida Building Code, Building* and contains the emergency voice/alarm communications system controls, fire department communication system controls, and any other controls specified in Section 911 of the *Florida Building Code, Building* where those systems are provided.

Table 1301.6.10 Smoke Control Values. Change to read as shown.

TABLE 1301.6.10 SMOKE CONTROL VALUES

	CATEGORIES					
OCCUPANCY	**a**	**b**	**c**	**d**	**e**	**f**
A-1, A-2, A-3	0	1	2	3	6	6
A-4, E, D	0	0	0	1	3	5
B, M, R	0	2a	3a	3a	3a	4a
F, S	0	2a	2a	3a	3a	3a

a. This value shall be 0 if compliance with Category d or e in Section 1201.6.8.1 has not been obtained.

1301.6.10.1 Categories. Change to read as shown.

1301.6.10.1 Categories. The categories for smoke control are:

1. Category a–None.
2. Category b–The building is equipped throughout with an automatic sprinkler system. Openings are provided in exterior walls at the rate of 20 square feet (1.86 m2) per 50 linear feet

(15 240 mm) of exterior wall in each story and distributed around the building perimeter at intervals not exceeding 50 feet (15 240 mm). Such openings shall be readily openable from the inside without a key or separate tool and shall be provided with ready access thereto. In lieu of operable openings, clearly and permanently marked tempered glass panels shall be used.

3. Category c–One enclosed exit stairway, with ready access thereto, from each occupied floor of the building. The stairway has operable exterior windows, and the building has openings in accordance with Category b.

4. Category d–One smokeproof enclosure and the building has openings in accordance with Category b.

5. Category e–The building is equipped throughout with an automatic sprinkler system. Each fire area is provided with a mechanical air-handling system designed to accomplish smoke containment. Return and exhaust air shall be moved directly to the outside without recirculation to other fire areas of the building under fire conditions. The system shall exhaust not less than six air changes per hour from the fire area. Supply air by mechanical means to the fire area is not required. Containment of smoke shall be considered as confining smoke to the fire area involved without migration to other fire areas.

Any other tested and approved design that will adequately accomplish smoke containment is permitted.

6. Category f–Each stairway shall be one of the following: a smokeproof enclosure in accordance with Section 1019.1.8 of the *Florida Building Code, Building*; pressurized in accordance with Section 909.20.5 of the *Florida Building Code, Building*; or shall have operable exterior windows.

1301.6.11 Means of egress capacity and number. Change to read as shown.

1301.6.11 Means of egress capacity and number. Evaluate the means-of-egress capacity and the number of exits available to the building occupants. In applying this section, the means of egress are required to conform to Section 1013 of the *Florida Building Code, Building*, Section 1003 of the *Florida Building Code, Building* (except that the minimum width required by this section shall be determined solely by the width for the required capacity in accordance with Table 1005.1 of the *Florida Building Code, Building*), and Sections 1017 and 1023 of the *Florida Building Code, Building*. The number of exits credited is the number that is available to each occupant of the area being evaluated. Existing fire escapes shall be accepted as a component in the means of egress when conforming to Section 705.3.1.2. Under the categories and occupancies in Table 1301.6.11, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.11, Means-of-Egress Capacity, for means of egress and general safety.

1301.6.11.1 Categories. Change to read as shown.

1301.6.11.1 Categories. The categories for means-of-egress capacity and number of exits are:

1. Category a–Compliance with the minimum required means-of-egress capacity or number of exits is achieved through the use of a fire escape in accordance with Section 605.3.1.2.

2. Category b–Capacity of the means of egress complies with Section 1003 of the *Florida Building Code, Building*, and the number of exits complies with the minimum number required by Section 1017 of the *Florida Building Code, Building*.

3. Category c–Capacity of the means of egress is equal to or exceeds 125 percent of the required means-of-egress capacity, the means of egress complies with the minimum required width dimensions specified in the *Florida Building Code, Building*, and the number of exits complies with the minimum number required by Section 1017 of the *Florida Building Code, Building.*
4. Category d–The number of exits provided exceeds the number of exits required by Section 1017 of the *Florida Building Code, Building*. Exits shall be located a distance apart from each other equal to not less than that specified in Section 1014.2 of the *Florida Building Code, Building.*
5. Category e–The area being evaluated meets both Categories c and d.

Table 1301.6.11 Means of Egress Values. Change to read as shown.

TABLE 1301.6.11 MEANS OF EGRESS VALUES

OCCUPANCY	CATEGORIES				
	aa	**b**	**c**	**d**	**e**
A-1, A-2, A-3, A-4, E, D	-10	0	2	8	10
M, B	-3	0	1	2	4
F, S	-1	0	0	0	0
R	-3	0	0	0	0

a. The values indicated are for buildings six stories or less in height. For buildings over six stories in height, add an additional -10 points.

Table 1301.6.12 Dead-End Values. Change to read as shown.

TABLE 1301.6.12 DEAD-END VALUES

OCCUPANCY	CATEGORIESa		
	a	**b**	**c**
A-1, A-3, A-4, B, E, D, F, M, R, S	-2	0	2
A-2, E	-2	0	2

a. For dead-end distances between categories, the dead end value shall be obtained by linear interpolation.

1301.6.12.1 Categories. Change to read as shown.

1301.6.12.1 Categories. The categories for dead ends are:
1. Category a – Dead end of 35 feet (10 670 mm) in nonsprinklered buildings or 70 feet (21 340 mm) in sprinklered buildings.
2. Category b – Dead end of 20 feet (6096 mm); or 50 feet (15 240 mm) in Group B in accordance with Section 1016.3 of the *Florida Building Code, Building*.
3. Category c – No dead ends; or ratio of length to width (l/w) is less than 2.5:1.

1301.6.13 Maximum exit access travel distance to an exit. Change to read as shown.

1301.6.13 Maximum exit access travel distance to an exit. Evaluate the length of exit access travel to an approved exit. Determine the appropriate points in accordance with the following equation and enter that value into Table 1301.7 under Safety Parameter 1301.6.13, Maximum Exit Access Travel Distance for means of egress and general safety. The maximum allowable exit access travel distance shall be determined in accordance with Section 1015 of the *Florida Building Code, Building*.

$$\text{Points} = 20 \times \frac{\text{Maximum allowable travel distance - Maximum actual travel distance}}{\text{Maximum allowable travel distance}} \quad \text{(Equation 13-6)}$$

1301.6.14 Elevator control. Change to read as shown.

1301.6.14 Elevator control. Evaluate the passenger elevator equipment and controls that are available to the fire department to reach all occupied floors. Elevator recall controls shall be provided in accordance with Chapter 30 of the *Florida Building Code, Building*. Under the categories and occupancies in Table 1301.6.14, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.14, Elevator Control, for fire safety, means of egress, and general safety. The values shall be zero for a single story building.

1301.6.14.1 Categories. Change to read as shown.

1301.6.14.1 Categories. The categories for elevator controls are:
1. Category a–No elevator.
2. Category b–Any elevator without Phase I and II recall.
3. Category c–All elevators with Phase I and II recall as required by the *Florida Fire Prevention Code*.
4. Category d–All meet Category c; or Category b where permitted to be without recall; and at least one elevator that complies with new construction requirements serves all occupied floors

1301.6.15.1 Categories. Change to read as shown.

1301.6.15.1 Categories. The categories for means-of-egress emergency lighting are:
1. Category a–Means of egress lighting and exit signs not provided with emergency power in accordance with Section 1006 of the *Florida Building Code, Building*.
2. Category b–Means of egress lighting and exit signs provided with emergency power in accordance with Section 1006 of the *Florida Building Code, Building*.
3. Category c–Emergency power provided to means of egress lighting and exit signs, which provides protection in the event of power failure to the site or building.

1301.6.16.1 Categories. Change to read as shown.

1301.6.16.1 Categories. The categories for mixed occupancies are:
1. Category a–Minimum 1-hour fire barriers between occupancies.

2. Category b–Fire barriers between occupancies in accordance with Section 302.3.2 of the *Florida Building Code, Building*.
3. Category c–Fire barriers between occupancies having a fire-resistance rating of not less than twice that required by Section 302.3.2 of the *Florida Building Code, Building*.

Table 1301.6.16 Mixed Occupancy Values. Change to read as shown.

TABLE 1301.6.16
MIXED OCCUPANCY VALUES[a]

OCCUPANCY	CATEGORIES		
	a	b	c
A-1, A-2, R	-10	0	10
A-3, A-4, B, E, D, F, M, S	-5	0	5

a. For fire-resistance ratings between categories, the value shall be obtained by linear interpolation.

1301.6.17 Automatic sprinklers. Change to read as shown.

1301.6.17 Automatic sprinklers. Evaluate the ability to suppress a fire based on the installation of an automatic sprinkler system in accordance with Section 903.3.1.1 of the *Florida Building Code, Building*. "Required sprinklers" shall be based on the requirements of this code. Under the categories and occupancies in Table 1301.6.17, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.17, Automatic Sprinklers, for fire safety, means of egress divided by 2, and general safety. High-rise buildings defined in Section 403.1 of the *Florida Building Code, Building* that undergo a change of occupancy to Group R shall be equipped throughout with an automatic sprinkler system in accordance with Section 403.2 and Chapter 9 of the *Florida Building Code, Building.*

Table 1301.6.17 Standpipe System Values. Change to read as shown.

TABLE 1301.6.17
STANDPIPE SYSTEM VALUES

OCCUPANCY	CATEGORIES					
	a[a]	b[a]	c	d	e	f
A-1, A-3, F, M, R, S-1	-6	-3	0	2	4	6
A-2	-4	-2	0	1	2	4
A-4, B, E, D, S-2	-12	-6	0	3	6	12

a. These options cannot be taken if Category a in Section 1201.6.18 is used.

1301.6.17.1 Categories. Change to read as shown.

1301.6.17.1 Categories. The categories for automatic sprinkler system protection are:
1. Category a–Sprinklers are required through-out; sprinkler protection is not provided or the sprinkler system design is not adequate for the hazard protected in accordance with Section 903 of the *Florida Building Code, Building*.

2. Category b–Sprinklers are required in a portion of the building; sprinkler protection is not provided or the sprinkler system design is not adequate for the hazard protected in accordance with Section 903 of the *Florida Building Code, Building*.
3. Category c–Sprinklers are not required; none are provided.
4. Category d–Sprinklers are required in a portion of the building; sprinklers are provided in such portion; the system is one that complied with the code at the time of installation and is maintained and supervised in accordance with Section 903 of the *Florida Building Code, Building.*
5. Category e–Sprinklers are required throughout; sprinklers are provided throughout in accordance with Chapter 9 of the *Florida Building Code, Building*.
6. Category f–Sprinklers are not required throughout; sprinklers are provided throughout in accordance with Chapter 9 of the *Florida Building Code, Building*.

1301.6.18 Standpipes. Change to read as shown.

1301.6.18 Standpipes. Evaluate the ability to initiate attack on a fire by making supply of water available readily through the installation of standpipes in accordance with Section 905 of the *Florida Building Code, Building*. "Required Standpipes" shall be based on the requirements of the *Florida Building Code, Building*. Under the categories and occupancies in Table 1301.6.18, determine the appropriate value and enter that value into Table 1301.7 under Safety Parameter 1301.6.18, Stand-pipes, for fire safety, means of egress, and general safety.

Table 1301.6.18 Standpipe System Values. Change to read as shown.

TABLE 1301.6.18 STANDPIPE SYSTEM VALUES

OCCUPANCY	CATEGORIES			
	a[a]	b	c	d
A-1, A-3, F, M, R, S-1	-6	0	4	6
A-2	-4	0	2	4
A-4, B, E, D, S-2	-12	0	6	12

a. This option cannot be taken if Category a or Category b in Section 1201.6.17 is used.

1301.6.18.1 Categories. Change to read as shown.

1301.6.18.1 Categories. The categories for standpipe systems are:
1. Category a–Standpipes are required; standpipe is not provided or the standpipe system design is not in compliance with Section 905.3 of the *Florida Building Code, Building.*
2. Category b–Standpipes are not required; none are provided.
3. Category c–Standpipes are required; standpipes are provided in accordance with Section 905 of the *Florida Building Code, Building.*

4. Category d–Standpipes are not required; standpipes are provided in accordance with Section 905 of the *Florida Building Code, Building*.

1301.6.19 Incidental use. Change to read as shown.

1301.6.19 Incidental use. Evaluate the protection of incidental use areas in accordance with Section 302.1.1 of the *Florida Building Code, Building*. Do not include those where this code requires suppression throughout the building, including covered mall buildings, high-rise buildings, public garages, and unlimited area buildings. Assign the lowest score from Table 1201.6.19 for the building or fire area being evaluated. If there are no specific occupancy areas in the building or fire area being evaluated, the value shall be zero.

Table 1301.6.19 Incidental Use Area Values A. Change to read as shown.

TABLE 1301.6.19 INCIDENTAL USE AREA VALUESa

PROTECTION REQUIRED BY TABLE 508.2 OF THE FLORIDA BUILDING CODE, BUILDING	PROTECTION PROVIDED						
	None	1 hour	AFSS	AFSS with SP	1 hour and AFSS	2 hours	2 hours and AFSS
2 hours and AFSS	-4	-3	-2	-2	-1	-2	0
2 hours, or 1 hour and AFSS	-3	-2	-1	-1	0	0	0
1 hour and AFSS	-3	-2	-1	-1	0	-1	0
1 hour	-1	0	-1	-1	0	0	
1 hour, or AFSS with SP	-1	0	-1	-1	0	0	0
AFSS with SP	-1	-1	-1	-1	0	-1	0
1 hour or AFSS	-1	0	0	0	0	0	0

a. AFSS = Automatic fire suppression system; SP = Smoke partitions (See FBC Section 302.1.1.1).
Note: For Table 1301.7, see page 66.

Table 1301.8 Mandatory Safety Scores. Change to read as shown.

TABLE 1301.8
MANDATORY SAFETY SCORESa

OCCUPANCY	FIRE SAFETY (MFS)	MEANS OF EGRESS (MME)	GENERAL SAFETY (MGS)
A-1	20	31	31
A-2	21	32	32
A-3	22	33	33
A-4, E, D	29	40	40
B	30	40	40
F	24	34	34
M	23	40	40

R	21	38	38
S-1	19	29	29
S-2	29	39	39

a. MFS = Mandatory Fire Safety
MME = Mandatory Means of Egress
MGS = Mandatory General Safety

Chapter 14, Safeguards During Construction.

Section 1402, Construction Safeguards

1402.1 Remodeling and additions. Change to read as shown.

1402.1 Remodeling and additions. Required exits, existing structural elements, fire protection devices and sanitary safeguards shall be maintained at all times during remodeling, alterations, repairs or additions to any building or structure.
Exceptions:
1. When such required elements or devices are being remodeled, altered or repaired, adequate substitute provisions shall be made.
2. When the existing building is not occupied.

1402.2 Manner of removal. Change to read as shown.

1402.2 Manner of removal. Waste materials shall be removed in a manner which prevents injury or damage to persons, adjoining properties and public rights-of-way.

Section 1403, Demolition

1403.1 Construction documents. Change to read as shown.

1403.1 Construction documents. Construction documents and a schedule for demolition must be submitted when required by the building official. Where such information is required, no work shall be done until such construction documents or schedule, or both, are approved.

1403.2 Pedestrian protection. Change to read as shown.

1403.2 Pedestrian protection. The work of demolishing any building shall not be commenced until pedestrian protection is in place as required by this chapter.

1403.3 Means of egress. Change to read as shown.

1403.3 Means of egress. A party wall balcony or horizontal exit shall not be destroyed unless and until a substitute means of egress has been provided and approved.

1403.4 Vacant lot. Change to read as shown.

1403.4 Vacant lot. Where a structure has been demolished or removed, the vacant lot shall be filled and maintained to the existing grade or in accordance with the ordinances of the jurisdiction having authority.

1403.5 Water accumulation. Change to read as shown.

1403.5 Water accumulation. Provision shall be made to prevent the accumulation of water or damage to any foundations on the premises or the adjoining property.

1403.6 Utility connections. Change to read as shown.

1403.6 Utility connections. Service utility connections shall be discontinued and capped in accordance with the approved rules and the requirements of the authority having jurisdiction.

Section 1404, Site Work

1404.1 Excavation and fill. Change to read as shown.

1404.1 Excavation and fill. Excavation and fill for buildings and structures shall be constructed or protected so as not to endanger life or property. Stumps and roots shall be removed from the soil to a depth of at least 12 inches (305 mm) below the surface of the ground in the area to be occupied by the building. Wood forms which have been used in placing concrete, if within the ground or between foundation sills and the ground, shall be removed before a building is occupied or used for any purpose. Before completion, loose or casual wood shall be removed from direct contact with the ground under the building.

1404.1.1 Slope limits. Change to read as shown.

1404.1.1 Slope limits. Slopes for permanent fill shall not be steeper than one unit vertical in two units horizontal (50-percent slope). Cut slopes for permanent excavations shall not be steeper than one unit vertical in two units horizontal (50-percent slope). Deviation from the foregoing limitations for cut slopes shall be permitted only upon the presentation of a soil investigation report acceptable to the building official.

1404.1.2 Surcharge. Change to read as shown.

1404.1.2 Surcharge. No fill or other surcharge loads shall be placed adjacent to any building or structure unless such building or structure is capable of withstanding the additional loads caused by the fill or surcharge. Existing footings or foundations which can be affected by any excavation shall be underpinned adequately or otherwise protected against settlement and shall be protected against later movement.

1404.1.3 Footings on adjacent slopes. Change to read as shown.

1404.1.3 Footings on adjacent slopes. For footings on adjacent slopes, see Chapter 18 of the Florida Building Code, Building.

1404.1.4 Fill supporting foundations. Change to read as shown.

1404.1.4 Fill supporting foundations. Fill to be used to support the foundations of any building or structure shall comply with Section 1803.5 of the Florida Building Code, Building.

Section 1405, Sanitary

1405.1 Facilities required. Change to read as shown.

1405.1 Facilities required. Sanitary facilities shall be provided during construction, remodeling or demolition activities in accordance with the Florida Building Code, Plumbing.

Section 1406, Protection of Pedestrians

1406.1 Protection required. Change to read as shown.

1406.1 Protection required. Pedestrians shall be protected during construction, remodeling and demolition activities as required by this chapter and Table 1306.1. Signs shall be provided to direct pedestrian traffic.

1406.2 Walkways. Change to read as shown.

1406.2 Walkways. A walkway shall be provided for pedestrian travel in front of every construction and demolition site unless the authority having jurisdiction authorizes the side-walk to be fenced or closed. Walkways shall be of sufficient width to accommodate the pedestrian traffic, but in no case shall they be less than 4 feet (1219 mm) in width. Walkways shall be provided with a durable walking surface. Walkways shall be accessible in accordance with Chapter 11 of the *Florida Building Code, Building* and shall be designed to support all imposed loads and in no case shall the design live load be less than 150 pounds per square foot (psf) (7.2 kN/m2).

1406.3 Directional barricades. Change to read as shown.

1406.3 Directional barricades. Pedestrian traffic shall be protected by a directional barricade where the walkway extends into the street. The directional barricade shall be of sufficient size and construction to direct vehicular traffic away from the pedestrian path.

1406.4 Construction railings. Change to read as shown.

1406.4 Construction railings. Construction railings shall be at least 42 inches (1067 mm) in height and shall be sufficient to direct pedestrians around construction areas.

1406.5 Barriers. Change to read as shown.

1406.5 Barriers. Barriers shall be a minimum of 8 feet (2438 mm) in height and shall be placed on the side of the walkway nearest the construction. Barriers shall extend the entire length of the construction site. Openings in such barriers shall be protected by doors which are normally kept closed.

1406.6 Barrier design. Change to read as shown.

1406.6 Barrier design. Barriers shall be designed to resist loads required in Chapter 16 of the Florida Building Code, Building unless constructed as follows:

1. Barriers shall be provided with 2-inch by 4-inch (51 mm by 102 mm) top and bottom plates.
2. The barrier material shall be a minimum of ¾-inch (19.1 mm) boards or 3-inch (6.4 mm) wood structural use panels.
3. Wood structural use panels shall be bonded with an adhesive identical to that for exterior wood structural use panels.
4. Wood structural use panels3 -inch (6.4 mm) or 5/16 inch (23.8 mm) in thickness shall have studs spaced not more than 2 feet (610 mm) on center (o.c.).
5. Wood structural use panels d-inch (9.5 mm) or 2 inch (12.7 mm) in thickness shall have studs spaced not more than 4 feet (1219 mm) o.c., provided a 2-inch by 4-inch (51 mm by 102 mm) stiffener is placed horizontally at midheight where the stud spacing exceeds 2 feet (610 mm) o.c.
6. Wood structural use panels 5/8 inch (15.9 mm) or thicker shall not span over 8 feet (2438 mm).

1406.7 Covered walkways. Change to read as shown.

1406.7 Covered walkways. Covered walkways shall have a minimum clear height of 8 feet (2438 mm) as measured from the floor surface to the canopy overhead. Adequate lighting shall be provided at all times. Covered walkways shall be designed to support all imposed loads. In no case shall the design live load be less than 150 psf (7.2 kN/m2) for the entire structure.
Exception: Roofs and supporting structures of covered walkways for new, light-frame construction not exceeding two stories in height are permitted to be designed for a live load of 75 psf (3.6kN/m2) or the loads imposed on them, whichever is greater. In lieu of such designs, the roof and supporting structure of a covered walkway are permitted to be constructed as follows:

1. Footings shall be continuous 2-inch by 6-inch (51 mm by 152 mm) members.
2. Posts not less than 4 inches by 6 inches (102 mm by 152 mm) shall be provided on both sides of the roof and spaced not more than 12 feet (3658 mm) o.c.
3. Stringers not less than 4 inches by 12 inches (102 mm by 305 mm) shall be placed on edge upon the posts.
4. Joists resting on the stringers shall be at least 2 inches by 8 inches (51 mm by 203 mm) and shall be spaced not more than 2 feet (610 mm) o.c.
5. The deck shall be planks at least 2 inches (51 mm) thick or wood structural panels with an exterior exposure durability classification at least 23/32 inch (18.3 mm) thick nailed to the joists.

6. Each post shall be knee braced to joists and stringers by 2-inch by 4-inch (51 mm by 102 mm) minimum members 4 feet (1219 mm) long.
7. A 2-inch by 4-inch (51 mm by 102 mm) minimum curb shall be set on edge along the outside edge of the deck.

1406.8 Repair, maintenance and removal. Change to read as shown.

1406.8 Repair, maintenance and removal. Pedestrian protection required by this chapter shall be maintained in place and kept in good order for the entire length of time pedestrians may be endangered. The owner or the owner's agent, upon the completion of the construction activity, shall immediately remove walkways, debris and other obstructions and leave such public property in as good a condition as it was before such work was commenced.

1406.9 Adjacent to excavations. Change to read as shown.

1406.9 Adjacent to excavations. Every excavation on a site located 5 feet (1524 mm) or less from the street lot line shall be enclosed with a barrier not less than 6 feet (1829 mm) high. Where located more than 5 feet (1524 mm) from the street lot line, a barrier shall be erected when required by the building official. Barriers shall be of adequate strength to resist wind pressure as specified in Chapter 16 of the Florida Building Code, Building.

Section 1407, Protection of Adjoining Property

1407.1 Protection required. Change to read as shown.

1407.1 Protection required. Adjoining public and private property shall be protected from damage during construction, remodeling and demolition work. Protection must be provided for footings, foundations, party walls, chimneys, skylights and roofs. Provisions shall be made to control water runoff and erosion during construction or demolition activities. The person making or causing an excavation to be made shall provide written notice to the owners of adjoining buildings advising them that the excavation is to be made and that the adjoining buildings should be protected. Said notification shall be delivered not less than 10 days prior to the scheduled starting date of the excavation.

Section 1408, Temporary Use of Streets, Alleys and Public Property

1408.1 Storage and handling of materials. Change to read as shown.

1408.1 Storage and handling of materials. The temporary use of streets or public property for the storage or handling of materials or of equipment required for construction or demolition, and the protection provided to the public shall comply with the provisions of the authority having jurisdiction and this chapter.

1408.1.1 Obstructions. Change to read as shown.

1408.1.1 Obstructions. Construction materials and equipment shall not be placed or stored so as to obstruct access to fire hydrants, standpipes, fire or police alarm boxes, catch basins or manholes, nor shall such material or equipment be located within 20 feet (6096 mm) of a street intersection, or placed so as to obstruct normal observations of traffic signals or to hinder the use of public transit loading platforms.

1408.2 Utility fixtures. Change to read as shown.

1408.2 Utility fixtures. Building materials, fences, sheds or any obstruction of any kind shall not be placed so as to obstruct free approach to any fire hydrant, fire department connection, utility pole, manhole, fire alarm box or catch basin, or so as to interfere with the passage of water in the gutter. Protection against damage shall be provided to such utility fixtures during the progress of the work, but sight of them shall not be obstructed.

Section 1409, Fire Extinguishers

1409.1 Where required. Change to read as shown.

1409.1 Where required. All structures under construction, alteration or demolition shall be provided with not less than one approved portable fire extinguisher in accordance with Section 906 of the Florida Building Code, Building and sized for not less than ordinary hazard as follows:

1. At each stairway on all floor levels where combustible materials have accumulate
2. In every storage and construction shed.
3. Additional portable fire extinguishers shall be provided where special hazards exist, such as the storage and use of flammable and combustible liquids.

1409.2 Fire hazards. Change to read as shown.

1409.2 Fire hazards. The provisions of this code and the Florida Fire Prevention Code shall be strictly observed to safeguard against all fire hazards attendant upon construction operations.

Section 1410, Exits

1410.1 Stairways required. Change to read as shown.

1410.1 Stairways required. Where a building has been constructed to a height greater than 50 feet (15 240 mm) or four stories, or where an existing building exceeding 50 feet (15 240 mm) in height is altered, at least one temporary lighted stairway shall be provided unless one or more of the permanent stairways is available for egress as the construction progresses.

1410.2 Maintenance of exits. Change to read as shown.

1410.2 Maintenance of exits. Required means of egress shall be maintained at all times during construction, demolition, remodeling or alterations and additions to any building.
Exception: Approved temporary means of egress systems and facilities.

Section 1411, Standpipes

1411.1 Where required. Change to read as shown.

1411.1 Where required. Buildings four stories or more in height shall be provided with not less than one standpipe for use during construction. Such standpipes shall be installed where the progress of construction is not more than 40 feet (12 192 mm) in height above the lowest level of fire department access. Such standpipe shall be provided with fire department hose connections at accessible locations adjacent to usable stairs. Such standpipes shall be extended as construction progresses to within one floor of the highest point of construction having secured decking or flooring.

1411.2 Buildings being demolished. Change to read as shown.

1411.2 Buildings being demolished. Where a building is being demolished and a standpipe exists within such a building, such standpipe shall be maintained in an operable condition so as to be available for use by the fire department. Such standpipe shall be demolished with the building but shall not be demolished more than one floor below the floor being demolished.

1411.3 Detailed requirements. Change to read as shown.

1411.3 Detailed requirements. Standpipes shall be installed in accordance with the provisions of Chapter 9 of the Florida Building Code, Building.

1411.3.1 During the construction of a building, standpipe systems shall be provided in accordance with this section and Chapter 9 of the Florida Building Code, Building.
Exception: Standpipes shall be either temporary or permanent in nature, and with or without a water supply, provided that such standpipes conform to the requirements of Section 905 of the Florida Building Code, Building as to capacity, outlets and materials.

1411.4 Water supply. Change to read as shown.

1411.4 Water supply. Water supply for fire protection, either temporary or permanent, shall be made available as soon as combustible material accumulates.

Section 1412, Automatic Sprinkler System

1412.1 Completion before occupancy. Change to read as shown.

1412.1 Completion before occupancy. In buildings where an automatic sprinkler system is required by this code, it shall be unlawful to occupy any portion of a building or structure until the automatic sprinkler system installation has been tested and approved, except as provided in Section 110.3 of the Florida Building Code, Building.

1412.2 Operation of valves. Change to read as shown.

1412.2 Operation of valves. Operation of sprinkler control valves shall be permitted only by properly authorized personnel and shall be accompanied by notification of duly designated parties. When the sprinkler protection is being regularly turned off and on to facilitate connection of newly completed segments, the sprinkler control valves shall be checked at the end of each work period to ascertain that protection is in service.

Chapter 15, Referenced Standards

Referenced Standards. Change to read as shown.

CSSB
Cedar Shake and Shingle Bureau
PO Box 1178
Shumas, WA 98295-1178

Standard reference number	Title	Referenced in code section number
Recommendations		511.3

Florida Codes
Florida Building Commission
c/o Florida Department of Community Affairs
Building Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

Standard reference number	Title	Referenced in code section number
FBC–04	Florida Building Code, Building®	101.2, 201.3, 202, 301.4, 401.4, 401.4.1, 403.2, 407.2, 407.3.1, 503.1, 503.2, 503.3, 507.2.1, 507.3, 507.4, 511.1, 511.3, 601.3, 603.2.3, 603.3.1, 603.3.2, 603.4, 603.5.2, 604.2, 604.2.1, 604.2.3, 604.2.4, 604.3, 605.2, 605.3, 605.3.2, 605.4.3, 605.6, 605.7.1, 605.8.1, 605.9.2, 605.10.2, 606.1, 607.1, 607.2, 607.3, 607.4, 607.4.1, 608.2, 608.3, 611.1, 702.1.2, 704.1, 704.1.2, 705.2, 705.3, 706.1, 707.2, 707.3, 707.5.1, 707.6, 707.7, 801.1, 801.3, 802.1, 802.2, 807.1, 807.2, 811.1.1, 812.1.1, 812.1.2, 812.3.1, 812.4.1.1, 812.4.1.2, 812.4.1.3, 812.4.2.1, 812.4.2.3, 812.4.3.1, 812.4.3.3, 812.4.4.1, 812.4.4.2, 812.4.4.3, 902.1, 902.2, 902.3, 903.1, 903.2, 903.3.1, 903.3.2, 903.5, 904.1, 904.2, 1101.2, 1102.0, 1102.1, 1102.2, 1102.2.1, 1102.2.2, 1102.3, 1201.2.2, 1201.2.3, 1201.2.4, 1201.4.1, 1201.6.1, 1201.6.1.1, 1201.6.2, 1201.6.2.1, 1201.6.3.1, 1201.6.3.2, 1201.6.4.1,1201.6.5, 1201.6.5.1, 1201.6.6, 1201.6.7.1, 1201.6.8, 1201.6.9.1, 1201.6.10.1, 1201.6.11, 1201.6.11.1, 1201.6.12.1, 1201.6.14, 1201.6.15.1, Table 1201.6.15, 1201.6.16.1, 1201.6.17, 1201.6.17.1, 1201.6.18, 1201.6.18.1, 1201.6.19, 1304.1.3, 1304.1.4, 1306.6, 1306.9, 1309.1, 1311.3, 1311.3.1, 1312.1
Ch. 11–Accessibility		406.1, 506.1, 601.1, 606.1, 706.1, 806.1, 812.5, 905.1, 1002, 1306.2
Ch. 13–Energy		512.1, 611.1, 708.1, 906.1
Ch. 27–Electrical		408.1, 508.1.2, 508.1.3, 608.1, 608.2, 808.1, 808.2, 808.3, 808.4
FFPC–04	Florida Fire Prevention Code	101.2, 101.4, 201.3, 503.3, 603.2.1, 603.2.3, 603.3.2, 604.2.4, 604.4, 604.4.3, 605.2, 605.3, 605.3.1.2, 702.1.2, 703.1, 704.2, 812.3.1, 1101.2, 1201.3.2, 1201.6.8.1, 1201.6.14.1, 1309.2

FBC, Mechanical–04 Florida Building Code, Mechanical 101.2, 409.1, 509.1, 609.1, 609.2, 702.1.1, 702.2.1, 809.1, 1201.6.7.1, 1201.6.8, 1201.6.8.1
FBC, Plumbing–04 Florida Building Code, Plumbing 101.2, 410.2, 510.2, 610.1, 810.1, 810.3, 810.5, 1305.1
FBC, Residential–04 Florida Building Code, Residential 101.2, 608.3, 904.1, 904.2, 1102.2, 1201.2.2, 1201.2.3

NFPA National Fire Protection Agency
1 Batterymarch Pike
Quincy, MA 02269-9101

Standard reference number	Title	Referenced in code section number
NFPA 914–01	Code for Fire Protection of Historic Structures	1005.2, 1005.3, 1006.1

Appendix A: Guidelines for the Seismic Retrofit of Existing Buildings. **Change to read as shown.**

Appendix A: Guidelines for the Seismic Retrofit of Existing Buildings. Reserved.

Appendix B: Supplementary Accessibility Requirements for Existing Buildings and Facilities. Change to read as shown.

Appendix B: Supplementary Accessibility Requirements for Existing Buildings and Facilities. Replace with Appendix B of the Florida Building Code, Existing Building.

Appendix C. Add to read as shown.

Appendix C.

REFER TO NFPA 914 CODE
FOR FIRE PROTECTION OF HISTORIC STRUCTURES 2001 EDITION
APPENDIX C – SURVEY CRITERIA FOR A HISTORIC STRUCTURE
AND
APPENDIX I – GUIDELINE ON FIRE RATINGS OF ARCHAIC MATERIALS AND ASSEMBLIES

Appendix D. Type of Construction. Add to read as shown.

Appendix D
Type of Construction.

2001 Florida Building Code	2004 Florida Building Code
Type I	Type I-A
Type II	Type I-B
Type III	Type IV
Type IV 1-hour Protected	Type II-A
Type IV Unprotected	Type II-B

Type V 1-hour Protected	Type III-A
Type V Unprotected	Type III-B
Type VI 1-hour Protected	Type V-A
Type VI Unprotected	Type V-B

Resource A: Guidelines on Fire Ratings of Archaic Materials and Assemblies. Change to read as shown.

Resource A: Guidelines on Fire Ratings of Archaic Materials and Assemblies. Reserved.