



## **EXCERPT FROM THE 2007 SUPPLEMENT**

# **INTERNATIONAL EXISTING BUILDING CODE**

This document is posted for use in developing code changes for the 2007/2008 Code Development Cycle. Code changes are due August 20, 2007.

*First Printing*

Publication Date: July 2007

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## PREFACE

This document includes excerpts from the 2007 Supplement to the 2006 edition of the *International Existing Building Code*®. It contains changes submitted in the 2006/2007 Code Development Cycle which were approved by the membership of the International Code Council.

The excerpts from this supplement are organized by code and include all approved changes. Each section is identified, followed by the applicable code change number and the revised/added/deleted text. Editorial revisions approved by the ICC Code Correlation Committee are indicated by “CCC”.



# INTERNATIONAL EXISTING BUILDING CODE

## 2007 SUPPLEMENT

*Chapter 1 Change chapter title and add Part 1 to read as shown (Sections 101 and 102 to be included in Part 1): (G221-06/07 Part II)*

### CHAPTER 1

### SCOPE AND ADMINISTRATION

#### Part 1 – Scope and Application

##### SECTION 101

##### GENERAL

*Section 101.5 Change to read as shown: (EB1-06/07, EB2-06/07)*

**101.5 Compliance methods.** The repair, alteration, change of occupancy, addition or relocation of all existing buildings shall comply with one of the methods listed in Sections 101.5.1 through 101.5.3 as selected by the applicant. Application of a method shall be the sole basis for assessing the compliance of work performed under a single permit unless otherwise approved by the code official. Sections 101.5.1 through 101.5.3 shall not be applied in combination with each other.

**Exception:** Subject to the approval of the code official, alterations complying with the laws in existence at the time the building or the affected portion of the building was built shall be considered in compliance with the provisions of this code unless the building is undergoing more than a limited structural alteration as defined in Section 807.5.3. New structural members added as part of the alteration shall comply with the *International Building Code*. Alterations of existing buildings in flood hazard areas shall comply with Section 601.3.

*Section 102.4 Change to read as shown: (EB3-06/07)*

**102.4 Referenced codes and standards.** The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall govern.

**Exception:** Where enforcement of a code provision would violate the conditions of the listing of the equipment or appliance, the conditions of the listing shall govern.

*Chapter 1 Change to read as shown (Sections 103 through 117 to be included in Part 2): (G221-06/07 Part II)*

#### Part 2 – Administration and Enforcement

*Section 104.9.1 Change to read as shown: (EB4-06/07)*

**104.9.1 Used materials and equipment.** The use of used materials which meet the requirements of this code for new materials is permitted. Used equipment and devices shall be permitted to be reused subject to the approval of the code official.

*Section 104.11.1 Add new section to read as follows: (EB4-06/07)*

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

(Renumber subsequent sections)

**Section 106.1 Change to read as shown: (G222-06/07 Part II)**

**SECTION 106  
SUBMITTAL DOCUMENTS**

**106.1 General.** Submittal documents consisting of construction documents special inspection and structural observation programs, investigation and evaluation reports, and other data shall be submitted in one or more sets with each application for a permit. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the code official is authorized to require additional construction documents to be prepared by a registered design professional.

**Exception:** The code official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this code.

**Section 106.1.1 “Construction documents” Relocated to Section 106.2.1: (G222-06/07 Part II)**

**Section 106.1.1.1 “Fire protection system shop drawings” Relocated to Section 106.2.2: (G222-06/07 Part II)**

**Section 106.1.2 “Means of egress” Relocated to Section 106.2.3: (G222-06/07 Part II)**

**Section 106.1.3 “Exterior wall envelope” Relocated to Section 106.2.4: (G222-06/07 Part II)**

**Section 106.2 “Site plan” Relocated to Section 106.2.5: (G222-06/07 Part II)**

**Section 106.2 Add new section to read as shown: (G222-06/07 Part II)**

**106.2 Construction documents.** Construction documents shall be in accordance with Sections 106.2.1 through 106.2.5

**Section 106.2.1 Relocated from Section 106.1.1 and changed to read as shown: (G222-06/07 Part II)**

**106.2.1 Construction documents.** Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the code official. Construction documents shall be of sufficient clarity to indicate the location, nature, and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules, and regulations, as determined by the code official. The work areas shall be shown.

**Sections 106.2.2 Relocated from Section 106.1.1.1 with no change to current text: (G222-06/07 Part II)**

**Section 106.2.3 Relocated from Section 106.1.2 with no change to current text: (G222-06/07 Part II)**

**Section 106.2.4 Relocated from Section 106.1.3 with no change to current text: (G222-06/07 Part II)**

**Section 106.2.5 Relocated from Section 106.2 with no change to current text: (G222-06/07 Part II)**

**Section 106.3 Change to read as shown: (G222-06/07 Part II)**

**106.3 Examination of documents.** The code official shall examine or cause to be examined the submittal documents and shall ascertain by such examinations whether the construction or occupancy indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances.

**Section 106.3.4 Change to read as shown: (G222-06/07 Part II)**

**106.3.4 Deferred submittals.** For the purposes of this section, deferred submittals are defined as those portions of the design that are not submitted at the time of the application and that are to be submitted to the code official within a specified period.

Deferral of any submittal items shall have the prior approval of the code official. The registered design professional in responsible charge shall list the deferred submittals on the construction documents for review by the code official.

Submittal documents for deferred submittal items shall be submitted to the registered design professional in responsible charge who shall review them and forward them to the code official with a notation indicating that the deferred submittal documents have been reviewed and that they have been found to be in general conformance to the design of the building. The deferred submittal items shall not be installed until their deferred submittal documents have been approved by the code official.

**Section 111.3 Change to read as shown: (EB9-06/07)**

**111.3 Authority to disconnect service utilities.** The code official shall have the authority to authorize disconnection of utility service to the building, structure, or system regulated by this code and the referenced codes and standards in case of emergency where necessary to eliminate an immediate hazard to life or property or when such utility connection has been made without the approval required by Section 111.1 or 111.2. The code official shall notify the serving utility and, wherever possible, the owner and occupant of the building, structure, or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure, or service system shall be notified in writing, as soon as practical thereafter.

## CHAPTER 2 DEFINITIONS

**Section 202 Add new definition of “Registered Design Professional in Responsible Charge” to read as shown: (G33-06/07 Part II)**

**REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.** A registered design professional engaged by the owner to review and coordinate certain aspects of the project, as determined by the code official, for compatibility with the design of the building or structure, including submittal documents prepared by others, deferred submittal documents and phased submittal documents.

## CHAPTER 3 PRESCRIPTIVE COMPLIANCE METHOD

**Section 302.1.1 Add new text to read as shown: (S30-06/07)**

**302.1.1 Heretofore approved materials.** The use of any material already fabricated or of any construction already erected, which conformed to requirements or approvals heretofore in effect, shall be permitted to continue, if not detrimental to life, health or safety to the public.

**Section 302.3 Change to read as shown: (G198-06/07)**

**[B] 302.3 Nonstructural.** Nonstructural alterations or repairs to an existing building or structure are permitted to be made of the same materials of which the building or structure is constructed, provided that they do not adversely affect any structural member or the fire-resistance rating of any part of the building or structure.

The work shall not make the building less conforming to the building, plumbing, mechanical, electrical or fire codes of the jurisdiction, or to alternative materials, design and methods of construction, or to any previously approved plans, modifications, alternative methods, or compliance alternatives, than it was before the repair was undertaken.

**Section 302.4.1 Add new section to read as shown: (G199-06/07)**

**302.4.1 Handrails.** In alterations or replacement of an existing stairway in an existing structure, handrails shall comply with Section 1009.10 of the *International Building Code*.

**Exception:** In alterations, full extension of the handrails in accordance with Section 1012.5 of the *International Building Code* is not required where such extensions would be hazardous due to plan configuration.

**Section 308.1 Change to read as shown: (G206-06/07 Part I)**

**308.1 Scope.** The provisions of Sections 308.1 through 308.9 apply to maintenance, change of occupancy, additions and alterations to existing buildings, including those identified as historic buildings.

**Exception:** Type B dwelling or sleeping units required by Section 1107 of the *International Building Code* are not required to be provided in existing buildings and facilities being altered or undergoing a change of occupancy.

**Section 308.4 Change to read as shown: (G203-06/07 Part I)**

**308.4 Change of occupancy.** Existing buildings that undergo a change of group or occupancy shall comply with this section:

**Section 308.4.1 Add new section to read as shown; (G203-06/07 Part I)**

**308.4.1 Partial change in occupancy.** Where a portion of the building is changed to a new occupancy classification, any alterations shall comply with Sections 308.6, 308.7 and 308.8.

**Section 308.4.2 Add new section to read as shown: (G203-06/07 Part I)**

**308.4.2 Complete change of occupancy.** Where an entire building undergoes a change of occupancy, it shall comply with Section 308.4.1 and shall have all of the following accessible features:

1. At least one accessible building entrance.
2. At least one accessible route from an accessible building entrance to primary function areas.
3. Signage complying with Section 1110 of the *International Building Code*.
4. Accessible parking, where parking is being provided.
5. At least one accessible passenger loading zone, when loading zones are provided.
6. At least one accessible route connecting accessible parking and accessible passenger loading zones to an accessible entrance.

Where it is technically infeasible to comply with the new construction standards for any of these requirements for a change of group or occupancy, the above items shall conform to the requirements to the maximum extent technically feasible.

**Section 308.6 Change to read as shown: (G206-06/07 Part I)**

**308.6 Alterations.** A building, facility or element that is altered shall comply with the applicable provisions in Chapter 11 of the *International Building Code* and ICC A117.1, unless technically infeasible. Where compliance with this section is technically infeasible, the alteration shall provide access to the maximum extent technically feasible.

**Exceptions:**

1. The altered element or space is not required to be on an accessible route, unless required by Section 308.7.
2. Accessible means of egress required by Chapter 10 of the *International Building Code* are not required to be provided in existing buildings and facilities.
3. The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall meet the provision for a Type B dwelling unit and shall comply with the applicable provisions in Chapter 11 and ICC A117.1.
4. Type A dwelling units or sleeping units required by Section 1107 of the *International Building Code* are not required to be provided in existing building and facilities being altered.

**Section 308.8.4 Change to read as shown: (G208-06/07 Part I)**

**308.8.4 Stairs and escalators in existing buildings.** In alterations, change of occupancy or additions where an escalator or stair is added where none existed previously and major structural modifications are necessary for installation, an accessible route shall be provided between the levels served by the escalator or stairs in accordance with Sections 1104.4 and 1104.5 of the *International Building Code*.

**Section 308.8.7 Change to read as shown: (G206-06/07 Part I, G209-06/07 Part I)**

**308.8.7 Dwelling or sleeping units.** Where I-1, I-2, I-3, R-1, R-2 or R-4 dwelling or sleeping units are being altered or added, the requirements of Section 1107 of the *International Building Code* for Accessible units and Section 907 of the *International Building Code* for visible alarms apply only to the quantity of spaces being altered or added.

**Section 308.8.9 Change to read as shown: (E185-06/07)**

**[B] 308.8.9 Toilet rooms.** Where it is technically infeasible to alter existing toilet and bathing facilities to be accessible, an accessible family or assisted-use toilet or bathing facility constructed in accordance with Section 1109.2.1 of the *International Building Code* is permitted. The family or assisted-use facility shall be located on the same floor and in the same area as the existing facilities.

**Section 308.8.11 “Check-out aisles” Delete without substitution: (G210-06/07)**

(Renumber subsequent sections)

**Section 308.8.12 Add new section to read as shown: (G211-06/07 Part I)**

**308.8.12 Fuel dispensers.** Operable parts of replacement fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

**Section 308.9 Change to read as shown: (G4-06/07)**

**308.9 Historic buildings.** These provisions shall apply to buildings and facilities designated as historic structures that undergo alterations or a change of occupancy, unless technically infeasible. Where compliance with the requirements for accessible routes, entrances or toilet facilities would threaten or destroy the historic significance of the building or facility, as determined by the applicable governing authority, the alternative requirements of Sections 308.9.1 through 308.9.4 for that element shall be permitted.

**Section 308.9.4 Change to read as shown: (E185-06/07)**

**[B] 308.9.4 Toilet and bathing facilities.** Where toilet rooms are provided, at least one accessible family or assisted-use toilet room complying with Section 1109.2.1 of the *International Building Code* shall be provided.

## CHAPTER 5 REPAIRS

**Section 506.1.1.1 Change to read as shown: (EB16-06/07)**

**506.1.1.1 Evaluation and design procedures.** The seismic evaluation and design shall be based on the procedures specified in the *International Building Code*, ASCE 31 or ASCE 41. The procedures contained in Appendix A of this code shall be permitted to be used as specified in Section 506.1.1.3.

**Section 506.1.1.2 Change to read as shown: (EB16-06/07)**

**506.1.1.2 IBC level seismic forces.** When seismic forces are required to meet the *International Building Code* level, they shall be one of the following:

1. One-hundred percent of the values in the *International Building Code*. The *R*-factor used for analysis in accordance with Chapter 16 of the *International Building Code* shall be the *R*-factor specified for structural systems classified as “Ordinary” in accordance with Table 12.2-1 of ASCE 7, unless it can be demonstrated that the structural system satisfies the proportioning and detailing requirements for systems classified as “Intermediate” or “Special.”
2. Those associated with the BSE-1 and BSE-2 Earthquake Hazard Levels defined in ASCE 41. Where ASCE 41 is used, the corresponding performance levels shall be those shown in Table 506.1.1.2.

**Table 506.1.1.2 Change table to read as shown: (EB16-06/07)****TABLE 506.1.1.2  
ASCE 41 AND ASCE 31 PERFORMANCE LEVELS**

OCCUPANCY CATEGORY (BASED ON IBC TABLE 1604.5)	PERFORMANCE LEVEL FOR USE WITH ASCE 31 AND WITH ASCE 41 BSE-1 EARTHQUAKE HAZARD LEVEL	PERFORMANCE LEVEL FOR USE WITH ASCE 41 BSE-2 EARTHQUAKE HAZARD LEVEL
I	Life Safety (LS)	Collapse Prevention (CP)
II	Life Safety (LS)	Collapse Prevention (CP)
III	Note a	Note a
IV	Immediate Occupancy (IO)	Life Safety (LS)

a. Performance levels for Occupancy Category III shall be taken as halfway between the performance levels specified for Occupancy Category II and IV.

**Section 506.1.1.3 Change to read as shown: (EB16-06/07)**

**506.1.1.3 Reduced IBC level seismic forces.** When seismic forces are permitted to meet reduced *International Building Code* levels, they shall be one of the following:

1. Seventy-five percent of the forces prescribed in the *International Building Code*. The *R*-factor used for analysis in accordance with Chapter 16 of the *International Building Code* shall be the *R*-factor as specified in Section 506.1.1.2 of this code.
2. In accordance with the applicable chapters in Appendix A of this code as specified in Items 2.1 through 2.5 below. Structures or portions of structures that comply with the requirements of the applicable chapter in Appendix A shall be deemed to comply with the requirements for reduced *International Building Code* force levels.
  - 2.1. The seismic evaluation and design of unreinforced masonry bearing wall buildings in Occupancy Category I or II are permitted to be based on the procedures specified in Appendix Chapter A1.
  - 2.2. Seismic evaluation and design of the wall anchorage system in reinforced concrete and reinforced masonry wall buildings with flexible diaphragms in Occupancy Category I or II are permitted to be based on the procedures specified in Appendix Chapter A2.
  - 2.3. Seismic evaluation and design of cripple walls and sill plate anchorage in residential buildings of lightframe wood construction in Occupancy Category I or II are permitted to be based on the procedures specified in Appendix Chapter A3.
  - 2.4. Seismic evaluation and design of soft, weak or open-front wall conditions in multiunit residential buildings of wood construction in Occupancy Category I or II are permitted to be based on the procedures specified in Appendix Chapter A4.
  - 2.5. Seismic evaluation and design of concrete buildings and concrete with masonry infill buildings in all occupancy categories are permitted to be based on the procedures specified in Appendix Chapter A5.
3. In accordance with ASCE 31 based on the applicable performance level as shown in Table 506.1.1.2.
4. Those associated with the BSE-1 Earthquake Hazard Level defined in ASCE 41 and the performance level as shown in Table 506.1.1.2. Where ASCE 41 is used, the design spectral response acceleration parameters  $S_{XS}$  and  $S_{X1}$  shall not be taken less than 75 percent of the respective design spectral response acceleration parameters  $S_{DS}$  and  $S_{D1}$  defined by the *International Building Code* and its reference standards.

**Section 508.2 Add new section to read as shown: (M112-06/07 Part II)**

**508.2 Mechanical draft systems for manually fired appliances and fireplaces.** A mechanical draft system shall be permitted to be used with manually fired appliances and fireplaces where such a system complies with all of the following requirements:

1. The mechanical draft device shall be listed and installed in accordance with the manufacturer's installation instructions.
2. A device shall be installed that produces visible and audible warning upon failure of the mechanical draft device or loss of electrical power at any time that the mechanical draft device is turned on. This device shall be equipped with a battery backup if it receives power from the building wiring.
3. A smoke detector shall be installed in the room with the appliance or fireplace. This device shall be equipped with a battery backup if it receives power from the building wiring.

## CHAPTER 6 ALTERATIONS—LEVEL 1

### **Section 602.1 Change to read as shown: (EB17-06/07)**

**602.1 Interior finishes.** All newly installed interior finishes shall comply with the flame spread index requirements of the *International Building Code*.

### **Section 605.1.8 Change to read as shown: (G209-06/07 Part II)**

**605.1.8 Dwelling or sleeping units.** Where Group I-1, I-2, I-3, R-1, R-2, or R-4 dwelling or sleeping units are being altered, the requirements of Section 1107 of the *International Building Code* for accessible or Type A units and Chapter 9 of the *International Building Code* for visible alarms apply only to the quantity of the spaces being altered.

### **Section 605.1.9 Change to read as shown: (E185-06/07)**

**605.1.9 Toilet rooms.** Where it is technically infeasible to alter existing toilet and bathing facilities to be accessible, an accessible family or assisted-use toilet or bathing facility constructed in accordance with Section 1109.2.1 of the *International Building Code* is permitted. The family or assisted-use facility shall be located on the same floor and in the same area as the existing facilities.

### **Section 605.1.11 Add new section read as shown: (G211-06/07 Part II)**

**605.1.11 Fuel dispensers.** Operable parts of replacement fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

(Renumber subsequent sections)

## CHAPTER 7 ALTERATIONS—LEVEL 2

### **Section 704.1.1 Add new section as shown: (EB19-06/07)**

**704.1.1 Corridor ratings.** Where an approved automatic sprinkler system is installed throughout the story, the required fire resistance rating for any corridor located on the story shall be permitted to be reduced in accordance with the *International Building Code*. In order to be considered for a corridor rating reduction, such system shall provide coverage for the stairwell landings serving the floor and the intermediate landings immediately below.

### **Section 704.2.1 Change to read as shown: (EB20-06/07)**

**704.2.1 High-rise buildings.** In high-rise buildings, work areas that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with automatic sprinkler protection in the entire work area where the work area is located on a floor that has a sufficient sprinkler water supply system from an existing standpipe or a sprinkler riser serving that floor.

### **Section 704.2.2 Change to read as shown: (EB20-06/0, EB21-06/07)**

**704.2.2 Groups A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2.** In buildings with occupancies in Groups A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1, and S-2, work areas that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with automatic sprinkler protection where all of the following conditions occur:

1. The work area is required to be provided with automatic sprinkler protection in accordance with the *International Building Code* as applicable to new construction;
2. The work area exceeds 50 percent of the floor area; and
3. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor without installation of a new fire pump.

**Exception:** Work areas in Group R occupancies three stories or less in height.

**Section 704.2.4 Change to read as shown: (EB20-06/07)**

**704.2.4 Other required suppression systems.** In buildings and areas listed in Table 903.2.13 of the *International Building Code*, work areas that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with sprinkler protection under the following conditions:

1. The work area is required to be provided with automatic sprinkler protection in accordance with the *International Building Code* applicable to new construction; and
2. The building has sufficient municipal water supply for design of a fire sprinkler system available to the floor without installation of a new fire pump.

**Section 704.2.3 Change to read as shown: (EB22-06/07)**

**704.2.3 Windowless stories.** Work located in a windowless story, as determined in accordance with the *International Building Code*, shall be sprinklered where the work area is required to be sprinklered under the provisions of the *International Building Code* for newly constructed buildings and the building has a sufficient municipal water supply without installation of a new fire pump.

**Section 704.2.5 Change to read as shown: (EB23-06/07)**

**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;
3. Approved remote station system of the jurisdiction in accordance with NFPA 72; or
4. When approved by the code official, approved local alarm service that will cause the sounding of an alarm 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.

**Section 705.2 Change to read as shown: (EB25-06/07)**

**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 NFPA 101.
2. Means of egress conforming to the requirements of the building 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.

**Section 705.3.1.2.1 Change to read as shown: (EB27-06/07)**

**705.3.1.2.1 Fire escape access and details.** Fire escapes shall comply with all of the following requirements:

1. Occupants shall have unobstructed access to the fire escape without having to pass through a room subject to locking.
2. Access to a new fire escape shall be through a door, except that windows shall be permitted to provide access from single dwelling units or sleeping units in Group R-1, R-2, and I-1 occupancies or to provide access from spaces having a maximum occupant load of 10 in other occupancy classifications. Windows providing access to a fire escape shall comply with the following:

- 2.1. The window shall have a minimum net clear opening of 5.7 square feet (0.53 m<sup>2</sup>) or 5 square feet (0.46 m<sup>2</sup>) where located at grade.
- 2.2. The minimum net clear opening height shall be 24 inches (610 mm) and net clear opening width shall be 20 inches (508 mm).
- 2.3. The bottom of the clear opening shall not be greater than 44 inches (1118 mm) above the floor.
- 2.4. The operation of the window shall comply with the operational constraints of the *International Building Code*.
3. Newly constructed fire escapes shall be permitted only where exterior stairs cannot be utilized because of lot lines limiting the stair size or because of the sidewalks, alleys, or roads at grade level.
4. Openings within 10 feet (3048 mm) of fire escape stairs shall be protected by fire assemblies having minimum 3/4-hour fire-resistance ratings.

**Exception:** Opening protection shall not be required in buildings equipped throughout with an approved automatic sprinkler system.

5. In all buildings of Group E occupancy, up to and including the 12th grade, buildings of Group I occupancy, rooming houses, and childcare centers, ladders of any type are prohibited on fire escapes used as a required means of egress.

**Section 706.3 Change to read as shown: (G209-06/07 Part II)**

**706.3 Dwelling units and sleeping units.** Where Group I-1, I-2, I-3, R-1, R-2, or R-4 dwelling units or sleeping units are being added, the requirements of Section 1107 of the *International Building Code* for accessible units or Type A units and Chapter 9 of the *International Building Code* for visible alarms apply only to the quantity of spaces being added.

## CHAPTER 8 ALTERATIONS—LEVEL 3

**Section 804.1 Change to read as shown: (EB29-06/07)**

**804.1 Automatic sprinkler systems.** Automatic sprinkler systems shall be provided in all work areas when required by Section 704.2 or by this section.

**Section 804.1.2 Change to read as shown: (EB30-06/07)**

**804.1.2 Rubbish and linen chutes.** Rubbish and linen chutes located in the work area shall be provided with sprinklered protection or an approved fire suppression system where protection of the rubbish and linen chute would be required under the provisions of the *International Building Code* for new construction.

**Section 806.1 Change to read as shown: (EB31-06/07)**

**806.1 General.** A building, facility, or element that is altered shall comply with Sections 605 and 706.

## CHAPTER 9 CHANGE OF OCCUPANCY

**Section 912.4.1 Change to read as shown: (EB32-06/07)**

**912.4.1 Means of egress for change to higher hazard category.** When a change of occupancy classification 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 *International Building Code*.

**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 the pitch or slope cannot be reduced because of existing construction shall not be required to comply with the maximum riser height and minimum tread depth requirements.

4. Existing corridor walls constructed on both sides of wood lath and plaster in good condition or 1/2-inch-thick (12.7 mm) gypsum wallboard shall be permitted. Such walls shall either terminate at the underside of a ceiling of equivalent construction or shall extend to the underside of the floor or roof next above.
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. An existing operable window with clear opening area no less than 4 square feet (0.38 m<sup>2</sup>) and with minimum opening height and width of 22 inches (559 mm) and 20 inches (508 mm), respectively, shall be accepted as an emergency escape and rescue opening.

**Section 912.5.1 Add exception to read as shown: (EB33-06/07)**

**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 *International Building Code* for the new occupancy classification.

**Exception:** In other than Groups H, F-1 and S-1, in lieu of fire walls, use of fire barriers having a fire-resistance rating of not less than that specified in Table 705.4 of the *International Building Code*, constructed in accordance with Section 706 of the *International Building Code*, shall be permitted to meet area limitations required for the new occupancy in buildings protected throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 of the *International Fire Code*.

**Section 912.8 Change to read as shown: (G203-06/07 Part II)**

**912.8 Accessibility.** Existing buildings that undergo a change of group or occupancy classification shall comply with this section.

**Section 912.8.1 Add new section to read as shown: (G203-06/07 Part II)**

**912.8.1 Partial change in occupancy.** Where a portion of the building is changed to a new occupancy classification, any alterations shall comply with Sections 605 and 706 as applicable.

**Section 912.8.2 Add new section to read as shown: (G203-06/07 Part II)**

**912.8.2 Complete change of occupancy.** Where an entire building undergoes a change of occupancy, it shall comply with Section 912.8.1 and shall have all of the following accessible features:

1. At least one accessible building entrance.
2. At least one accessible route from an accessible building entrance to primary function areas.
3. Signage complying with Section 1110 of the *International Building Code*.
4. Accessible parking, where parking is provided.
5. At least one accessible passenger loading zone, where loading zones are provided.
6. At least one accessible route connecting accessible parking and accessible passenger loading zones to an accessible entrance.

Where it is technically infeasible to comply with the new construction standards for any of these requirements for a change of group or occupancy, the above items shall conform to the requirements to the maximum extent technically feasible.

**Exception:** Type B dwelling or sleeping units required by Section 1107 of the *International Building Code* are not required to be provided in existing buildings and facilities.

## CHAPTER 11 HISTORIC BUILDINGS

**Section 1104.1.4 Change to read as shown: (E185-06/07)**

**1104.1.4 Toilet and bathing facilities.** Where toilet rooms are provided, at least one accessible family or assisted-use toilet room complying with Section 1109.2.1 of the *International Building Code* shall be provided.

**Section 1105.9 Change to read as shown: (EB35-06/07)**

**1105.9 Finishes.** Where interior finish materials are required to have a flame spread index of Class C or better, existing nonconforming materials shall be surfaced with approved fire-retardant paint or finish.

## CHAPTER 13 PERFORMANCE COMPLIANCE METHODS

**Section 1301.2.5 Change to read as shown: (G214-06/07)**

**1301.2.5 Accessibility requirements.** All portions of the buildings proposed for change of occupancy shall conform to the accessibility provisions of Section 308.

**Section 1301.6.1.1 Change to read as shown: (G9-06/07)**

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

$$\text{Height value, feet} = \frac{(AH) - (EBH)}{12.5} \times CF \quad \text{(Equation 13-1)}$$

$$\text{Height, value, stories} = (AS - EBS) \times CF$$

where:

<i>AH</i>	=	Allowable height in feet (mm) from Table 503 of the <i>International Building Code</i> .
<i>EBH</i>	=	Existing building height in feet (mm).
<i>AS</i>	=	Allowable height in stories from Table 503 of the <i>International Building Code</i> .
<i>EBS</i>	=	Existing building height in stories.
<i>CF</i>	=	1 if $(AH) - (EBH)$ is positive.
<i>CF</i>	=	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 occupancy being evaluated.

**Section 1301.6.2.2 Change to read as shown: (G9-06/07)**

**1301.6.2.2 Area formula.** The following formula shall be used in computing the area value. Determine the area value for each occupancy floor area on a floor-by-floor basis. For each occupancy, choose the minimum area value of the set of values obtained for the particular occupancy.

(Equation 13-4 does not change)

**Section 1301.6.4.1 Change to read as shown: (G9-06/07)**

**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 *International Building Code*, respectively.
3. Category c—Fire partitions with 1 hour or greater fire-resistance rating constructed in accordance with Section 708 of the *International Building Code* and floor assemblies with 1-hour but less than 2-hour fire-resistance rating constructed in accordance with Section 711 of the *International Building Code*, or with only one tenant within the floor 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 *International Building Code* and floor assemblies with 2-hour or greater fire-resistance rating constructed in accordance with Section 711 of the *International Building Code*.
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 *International Building Code*, respectively.

**Section 1301.6.8.1 Change to read as shown: (G9-06/07)**

**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 *International Fire Code*.
3. Category c — Smoke detectors in HVAC systems. The detectors are installed in accordance with the requirements for new buildings in the *International Mechanical Code*.
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 floor area.

**Section 1301.6.10.1 Change to read as shown: (G9-06/07)**

**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 m<sup>2</sup>) 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 floor 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 floor areas of the building under fire conditions. The system shall exhaust not less than six air changes per hour from the floor area. Supply air by mechanical means to the floor area is not required. Containment of smoke shall be considered as confining smoke to the fire area involved without migration to other floor areas. Any other tested and approved design which 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 1020.1.7 of the *International Building Code*; pressurized in accordance with Section 909.20.5 of the *International Building Code*; or shall have operable exterior windows.

**Table 1301.6.11 Footnote a, Change to read as shown: (G6-06/07 Part I)**

**TABLE 1301.6.11  
MEANS OF EGRESS VALUES**

(No changes to table text)

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

**Section 1301.6.16.1 Change to read as shown: (FS37-06/07 Part II)**

**1301.6.16.1 Categories.** The categories for mixed occupancies are:

1. Category a — Occupancies separated by minimum 1-hour fire barriers or minimum 1-hour horizontal assemblies, or both.
2. Category b — Separations between occupancies in accordance with Section 508.3.3 of the *International Building Code*.
3. Category c — Separations between occupancies having a fire-resistance rating of not less than twice that required by Section 508.3.3 of the *International Building Code*.

**Section 1301.6.19 Change to read as shown: (G9-06/07, G131-06/07)**

**1301.6.19 Incidental use.** Evaluate the protection of incidental uses in accordance with Section 508.2 of the *International Building Code*. 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 1301.6.19 for the building or floor area being evaluated. If there are no specific occupancy areas in the building or floor area being evaluated, the value shall be zero.

**Table 1301.6.19 Change table title to read as shown: (G131-06/07)**

**TABLE 1301.6.19  
INCIDENTAL USE VALUES<sup>a</sup>**

(No changes to table text)

## CHAPTER 14 CONSTRUCTION SAFEGUARDS

**Section 1401.6.1 Change to read as shown: (G4-06/07)**

**[B] 1401.6.1 Walkways.** A walkway shall be provided for pedestrian travel in front of every construction and demolition site unless the applicable governing authority authorizes the sidewalk 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 *International Building Code* 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/m<sup>2</sup>).

**Section 1401.6.5 Change to read as shown: (G6-06/07 Part I)**

**[B] 1401.6.5 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/m<sup>2</sup>) for the entire structure.

**Exception:** Roofs and supporting structures of covered walkways for new, light-frame construction not exceeding two stories above grade plane are permitted to be designed for a live load of 75 psf (3.6 kN/m<sup>2</sup>) 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 x 6 members.
2. Posts not less than 4 x 6 shall be provided on both sides of the roof and spaced not more than 12 feet (3658 mm) on center.
3. Stringers not less than 4 x 12 shall be placed on edge upon the posts.
4. Joists resting on the stringers shall be at least 2 x 8 and shall be spaced not more than 2 feet (610 mm) on center.
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 x 4 minimum members 4 feet (1219 mm) long.
7. A 2 x 4 minimum curb shall be set on edge along the outside edge of the deck.

**Section 1403.1 Change to read as shown: (G4-06/07)**

**1403.1 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 applicable governing authority and this chapter.

**Section 1406.4 "Water supply" Delete without substitution: (F228-06/07)**

Section 1409.1 Add new section to read as shown: (F228-06/07)

**[F] SECTION 1409  
WATER SUPPLY FOR FIRE PROTECTION**

**1409.1 When required.** An approved water supply for fire protection, either temporary or permanent, shall be made available as soon as combustible material arrives on the site.

**CHAPTER 15  
REFERENCED STANDARDS**

**Change, delete or add the following referenced standards to read as shown: (EB16-06/07, EB37-06/07)  
(STANDARDS NOT SHOWN REMAIN UNCHANGED)**

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**ASCE**                      American Society of Civil Engineers  
1801 Alexander Bell Drive  
Reston, VA 20191-4400

Standard reference number	Title	Referenced In code section number
41—06	Seismic Rehabilitation of Existing Buildings. . . . .	506.1.1.1, Table 506.1.1.2, 506.1.1.3

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**FEMA**                      Federal Emergency Management Agency  
Federal Center Plaza  
500 C Street SW  
Washington, DC 20472

Standard reference number	Title	Referenced In code section number
FEMA 356	DELETED	

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**NFPA**                      National Fire Protection Agency  
1 Batterymarch Park  
Quincy, PA 02269-9101

Standard reference number	Title	Referenced In code section number
NFPA 99—05	Health Care Facilities . . . . .	507.1.4
NFPA 101—06	Life Safety Code . . . . .	705.2

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