



Amendments to the:

**2009 International  
Building Code**

For Buildings other than Detached 1 & 2 Family Dwellings and Multiple  
Single-Family Dwellings (Townhouses)



STATE OF ILLINOIS            )  
  ) SS  
COUNTY OF WINNEBAGO )

**CERTIFICATE OF PUBLICATION IN PAMPHLET FORM**

I, the undersigned, do hereby certify that I am the duly qualified and acting Legal Director and ex officio Keeper of the Records and Seal of the City of Rockford, Winnebago County, Illinois (the "City"), and as such official I am the keeper of the official journal of proceedings, books, records, minutes and files of the City and of the City Council (the "City Council") thereof.

I do further certify that on the 25th day of October, 2010, there was published in pamphlet form, by authority of the City Council, a true, correct and complete copy of Ordinance No. **2010-118-O** and said ordinance as so published was on said date readily available for public inspection and distribution, in sufficient number, at my office as Legal Director and ex officio Keeper of the Records and Seal located in the City.

IN WITNESS WHEREOF I have affixed hereto my official signature and the seal of the City, this 25th day of October, 2010.

[SEAL]

  
\_\_\_\_\_  
LEGAL DIRECTOR AND EX OFFICIO  
KEEPER OF THE RECORDS AND SEAL

ORDINANCE NO. 2010-118-0

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY ROCKFORD, ILLINOIS THAT:

Chapter 105, of the Code of Ordinances of the City of Rockford, Illinois, passed April 7, 2008, approved April 14, 2008, and published April 14, 2008 as amended, be and the same is hereby amended by the following, to wit:

**Section 105-54 is amended as follows:**

**Section 105-54 Building Code adopted by reference:**

An ordinance establishing minimum regulations governing the design, construction, alteration, enlargement, repair, demolition, removal, maintenance and use of all buildings and structures: providing for the issuance of permits, collection of fees, making of inspections: providing penalties for the violation thereof; known as the building code.

The ICC International Building Code/2009, as published by the International Code Council, Inc. including Appendices A, B, G and H as amended is hereby adopted as the Building Code of the City of Rockford in the State of Illinois; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said ICC International Building Code are hereby referred to, adopted and made a part hereof as if fully set out in the Ordinance, with the additions, insertions, deletions and amendments contained in Section 105-55 of this article.

**Section 105-55 is amended as follows:**

**Section 105-55 Amendments to the Building Code:**

The ICC International Building Code/2009 is amended as follows:

(1) Section 101.1 is amended as follows:

**101.1 Title.** These regulations shall be known as the *Building Code of Rockford, State of Illinois*, hereinafter referred to as “this code”.

(2) Section 101.4.3 is deleted and replaced as follows:

**101.4.3 Plumbing.** The provision of the *Illinois Plumbing Code* shall govern erection, installation, alteration, repairs, and replacement, addition, use or maintenance of plumbing systems. Any reference to the *International Plumbing Code* herein shall mean the *Illinois Plumbing Code*.

(3) Section 103.4 is added as follows:

**103.4 Restriction of employees.** An official or employee connected with the enforcement of this code, except whose only connection is that of a member of the board of appeals established under the provisions of section 113 of this code, shall not be engaged in, or directly or indirectly connected with, the furnishing of labor, materials or appliances for the construction, alteration or maintenance of a building, or the preparation of construction documents thereof, unless that person is the owner of the building; nor shall such officer or employee engage in any work that conflicts with official duties or with the interests of the department.

(4) Section 104.1.1 is added as follows:

**104.1.1 Fire Official approval.** The Fire Official for the City of Rockford shall have the authority to issue orders based on requirements of this code for matters pertaining to design, materials or equipment when related to fire protection.

(5) Section 105.2 is amended as follows:

**105.2 Work exempt from permit.** Exemptions from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any laws or ordinances of this jurisdiction. *Permits* shall not be required for the following:

**Building:**

1. One-story detached accessory structures used as decks, tool storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11.15 m<sup>2</sup>) and is not supported by another structure.
2. ~~Fences not over 6 feet (1219 mm) high.~~
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from grade at the bottom of footing to grade at the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids.
5. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons (18,925 L) and the ratio of height to diameter or width does not exceed 2:1.
6. Sidewalks, and patios ~~and driveways~~ not more than 30 inches (762 mm) above adjacent grade and not over any basement or story below and which are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, countertops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a group R-3 occupancy that are less than 24 inches (610 mm) deep, ~~do not exceed 5000 gallons (18,925 L) and are installed entirely above ground.~~
10. Shade cloth structures constructed for nursery or agricultural purposes and not including service systems.
11. Swings and other playground equipment, ~~accessory to one or two family dwellings.~~
12. ~~Window Awnings~~ supported by an *exterior wall* that ~~do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support of Groups R-3 and U Occupancies and not extending into a City of Rockford right-of-way.~~
13. Non-fixed Movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1733 mm) in height.
14. Replacement of doors or windows provided the size is not changed and a fire rating is not required.
15. Repair or replacement of interior or exterior wall and ceiling coverings provided:

- a. not more than 50% of coverings in a room are removed,
- b. coverings are not part of a fire rated assembly,
- c. structural elements in a hazardous condition are not exposed.

**Electrical:**

**Repairs and maintenance:** Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.:

- 1. Temporary cord and plug lighting, provided they are not within a tent requiring a permit.
- 2. Replacement of plug and switch receptacles, light fixtures or ceiling fans weighing less than 35 lbs. provided wiring and junction box are not altered.
- 3. Repair or replacement of branch circuit overcurrent devices.
- 4. Temporary wiring for experimental purposes in suitable experimental testing laboratories.
- 5. Wiring, devices, appliances, apparatus or equipment operating at less than 25v and 50w.
- 6. Low voltage wiring and systems not associated with fire alarm or other life safety systems.
- 7. Repair or replacement of interior or exterior wall and ceiling coverings provided:
  - a. not more than 50% of coverings in a room are removed,
  - b. framing is not exposed to the extent where smoke alarms are required to be wired to the building's electrical system and be interconnected by section 907.2.10,
  - c. electrical wiring in a hazardous condition are not exposed and the minimum standards for receptacles, light switches and light fixtures established in sections 604 and 605 of the *International Property Maintenance Code* as amended have been met,
  - d. electrical systems are not being resized, rearranged or extended.
- 8. Replacement of counters provided they are not lengthened more than two feet where part of a kitchen or wet bar within a dwelling.

**Radio and television transmitting stations:** The provisions of this code shall not apply to electrical equipment used for radio or television transmissions, but do apply to equipment and wiring for power supply, the installations of towers and antennas.

**Temporary testing systems:** A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

**Gas:**

- 1. Portable heating, cooking or clothes drying appliances.
- 2. Replacement of any minor part that does not alter the approval of equipment or make such equipment unsafe.
- 3. Repair or replacement of interior or exterior wall and ceiling coverings provided:
  - a. fuel gas systems in a hazardous condition are not exposed, or
  - b. fuel gas systems are not being resized, rearranged or extended.

**Mechanical:**

- 1. Portable heating appliance.
- 2. Portable ventilation appliances.
- 3. Portable cooling unit.
- 4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
- 5. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
- 6. Portable evaporative cooler.
- 7. Self-contained refrigeration ~~system~~ package-type equipment containing 10 pounds (4.54 kg) or less refrigerant or that are actuated by motors of 1 horsepower (764W) or less in which all components of the refrigeration system are located within a single enclosure without the requirement for on-site assembly or piping.
- 8. Self contained portable refrigeration appliances.
- 9. Repair or replacement of interior or exterior wall and ceiling coverings provided:
  - a. mechanical systems in a hazardous condition are not exposed, or
  - b. mechanical systems are not being resized, rearranged or extended.

**Plumbing:**

1. ~~The stoppage of leaks in drains, water, soil, waste or vent pipe; provided, however, that it does not require the resizing or rearrangement of any defective trap or pipe. if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and an inspection made as provided in this code.~~
2. ~~The clearing of stoppages, removal of fixtures or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement~~ resizing or rearrangement of valves, pipes or fixtures.
3. The repair or replacement of fixtures, water softeners or water purifiers in the same location, provided that it does not require the resizing or rearrangement of any trap or piping.
4. Repair or replacement of interior or exterior wall and ceiling coverings provided:
  - a. plumbing systems in a hazardous condition are not exposed, or
  - b. plumbing systems are not being resized, rearranged or extended.

(6) Section 105.2.2 as amended as follows:

**105.2.2 Repairs.** Application or notice to the *building official* is not required for ordinary repairs to structures, replacement of lamps or the connection of *approved* portable electrical equipment to *approved* permanently installed receptacles. Such repairs shall not include the cutting away of any framing within ceiling, floor, wall, partition or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required *means of egress*, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include *addition* to, *alteration* of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.

(7) Section 105.3.3 is added as follows:

**105.3.3 Application for mechanical permit.** Each application for a mechanical permit shall be filed with the code official on a form furnished for that purpose and shall contain a general description of the proposed work and its location, the proposed occupancy of the building(s) and other information required by the code official. The application shall be submitted by a City of Rockford mechanical license holder. In the event that more than one license holder is employed by a firm or corporation, the license holder that is submitting an application shall be listed on that application. Permits are not transferable from one license holder to another.

**Exception:** Work being performed by the owner-occupant of a single family dwelling or owner of a single family dwelling under construction for his or her occupancy upon completion is permitted to plan, install, alter and repair the mechanical and gas piping systems of such dwelling without a license provided that required permits are obtained and such systems comply with the requirements of this code. Any work being performed by other than the owner-occupant shall be performed by a City of Rockford licensed mechanical contractor.

(8) Section 105.3.4 is added as follows:

**105.3.4 Application for plumbing permit.** Each application for a plumbing permit shall be filed with the code official on a form furnished for that purpose and shall contain a general description of the proposed work and its location, the proposed occupancy of the building(s) and other information required by the code official. The application shall be submitted by a State of Illinois plumbing license holder. In the event that more than one license holder is employed by a firm or corporation, the license holder that is submitting an application shall be listed on that application. Permits are not transferable from one license holder to another.

**Exception:** The owner-occupant of a single family dwelling, or owner of a single family dwelling under construction for his or her occupancy upon completion is permitted to plan, install, alter and repair the plumbing systems of such dwelling without a license provided that required permits

are obtained and such systems comply with the requirements of the Illinois Plumbing Code. The owner-occupant shall not employ other than a State of Illinois licensed plumber to assist him or her.

(9) Section 105.3.5 is added as follows:

**105.3.5 Application for electrical permit.** Each application for an electrical permit shall be filed with the code official on a form furnished for that purpose and shall contain a general description of the proposed work and its location, the proposed occupancy of the building(s) and other information required by the code official. The application shall be submitted by a City of Rockford registered electrician. In the event that more than one registered electrician is employed by a firm or corporation, the registered electrician that is submitting an application shall be listed on that application. Permits are not transferable from one registered electrician to another.

**Exception:** The owner-occupant of a single family dwelling, or owner of a single family dwelling under construction for his or her occupancy upon completion is permitted to plan, install, alter and repair the electrical systems of such dwelling without a license provided that required permits are obtained and such systems comply with the requirements of this code. The owner-occupant shall not employ other than a City of Rockford registered electrician to assist him or her.

(10) Section 107.3 is amended as follows:

**107.3 Examination of documents.** The building official shall examine or cause to be examined the accompanying submittal documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances. The Fire Department may review all plans for issuance of building, fire suppression and fire alarm (electrical) permits. The plans will be made available in the Building Department offices. If the plans do not conform with the requirements set forth by this code, they shall be rejected by the Fire Department pursuant to Section 112 of this code.

(11) Section 109.4 is deleted and replaced as follows:

**109.4 Work commencing before permit issuance.** When a permit is required by this code, and work is started or proceeded fees shall be in accordance with the Fee Schedule of the City of Rockford Code of Ordinances. No permit can be issued for any person, company or contractor until any outstanding permit fines/fees have been paid in full.

(12) Section 109.6 is deleted and replaced as follows:

**109.6 Refunds.** No permit fees shall be refunded.

(13) Section 110.3 is amended as follows:

**110.3 Required inspections.** The building official, upon notification, shall may make the inspections set forth in Sections 110.3.1 through 110.3.10. Where the word "shall make" or "shall be made" appears in Sections 110.3.1 through 110.3.10 it shall mean "may make or may be made".

(14) Section 110.7 is added as follows:

**110.7 Re-inspections.** Any item of inspection that fails to meet code requirements on the initial or first re-inspection shall be subject to re-inspection fee as determined accordance with the Fee Schedule of the City of Rockford Code of Ordinances, and charged to the permit holder for each additional re-inspection performed.

(15) Section 111.5 is added as follows:

**111.5 New buildings.** Before a certificate of occupancy is issued for new buildings, other than one and two family, the Fire Department may inspect the building in accordance with Section 110.0 and notify the Building Department of the results of their inspection.

(16) Section 113.1.1 is added as follows:

**113.1.1 Automatic appeals.** In any case where orders or approvals by the Code Official and Director of the Fire Prevention Bureau are not in full agreement, the matter shall be resolved in the following manner: The case shall be reviewed by the Community Development Director and the Fire Chief. If agreement cannot be reached, the matter shall

be referred to the City Administrator for review and decision. The decision of the City Administrator may then be appealed to the Building Board of Appeals pursuant to Section 113.1.

(17) Section 114.4 is amended as follows:

**114.4 Violation penalties.** Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to as penalties prescribed by law and punishable by a fine of not less than \$50.00 and not more than \$750.00 dollars.

(18) Section 116.4 is deleted and replaced as follows:

**116.4 Method of service.** Such notice shall be deemed to be properly served if a copy thereof is:

1. Delivered to the owner personally; or
2. Sent by first class mail, postage prepaid, to the owner at the last known address; or
3. Sent by certified mail, postage prepaid, addressed to the owner at the last known address with return receipt requested, if required by State Law.

(19) Section 202 is amended as follows:

Section 202 Definitions

**HIGH-RISE BUILDING.** A building with an occupied floor located more than ~~75~~ 65 feet (~~22~~ ~~860~~ 19 812 mm) above the lowest level of fire department vehicle access.

**STRUCTURE:** That which is built or constructed or portion thereof. This shall include all buildings, but shall not include any other structures which are within a public rights-of-way.

The definition of “canopy” is deleted and replaced with the following:

**CANOPY.** A nonpermanent structure, enclosure or shelter constructed of fabric or pliable materials supported by any manner, except by air or the

contents it protects, and is open without sidewalls or drops on 75 percent or more of the perimeter.

The definition of “Supplemental stairway” is added as follows:

**Supplemental Stairway:** A non-required *stairway* which is not part of any *means of egress*. It shall comply with Section 1022.

(20) Section 310.1 is amended as follows:

**R-1** Delete the term “transient” as it refers to Hotels and Motels.

**R-1** Delete *Boarding House* from occupancy R-1.

[x] Section 310.1 Amended as follows:

**R-2** Delete Hotels (nontransient) and Motels (nontransient) from the list of residential occupancies.

**R-2** Delete the term nontransient from Boarding House.

(21) Section 313 is added as follows:

**OCCUPANCY CLASSIFICATION.** To help clarify how to distinguish occupancies listed in Sections 305.1, 308.1, 308.2, 308.3, 308.3.1, 308.5.1 and 310.1 and to summarize requirements of Sections 903 and 907 the following table is hereby established:

Occupancy→	E Educational		I1 Institutional	I2 Institutional	I4 Institutional		R4 Residential	R3 Residential	
Requirements ↓	Day Care  * if all child care rooms located at level of exit discharge and each has an exit door directly to exterior. If not, classified as Group I-4		Board care, assisted living, convalescent facilities, half-way house, group home, congregate care, social rehabilitation, alcohol & drug centers, etc.	Child Care Facility	Adult or Child Day Care that is <u>not</u> an accessory to a place of worship - A3- used only during religious functions  ** More than 5 adults capable of self preservation are classified Group A3.		Residential Care/ Assisted Living	Residential Care/ Assisted Living	
Hours of care per day	< 24		24	24	< 24		any amount	24	
Number of care recipients	6 to 100*	<= 5	>= 17	>= 6	>= 6**		6 to 16	<= 5	
Age of care recipients in years	2 ½ or less*	> 2 ½	NA	2 ½ or less	> 2 ½	2 ½ or less	NA	NA	
Care recipients capable of responding in an emergency	No*	Yes	Yes	No	Yes**	No	Yes	Yes	
Sprinklers required	> 20,000 sf FA except when all classrooms w/ door to grade		Always	Always	> 16 care recipients		No	No	Per International Residential Code
Manual Fire Alarm required	> 50 occupants		Always	Always	> 16 care recipients		No	No	
Automatic Fire Detection required	No, unless per IBC 907.2.3		Always	Always	> 16 care recipients		No	No	
Single-Multiple Station Smoke Alarms required	No, unless per IBC 907.2.3		Not required where automatic fire detection provided	No, unless per IBC 907.2.6.1	Always and interconnected		Always and interconnected	Always and interconnected	

(22) Section 403.1 is amended as follows:

**403.1 Applicability:** The provisions of this section shall apply to buildings having occupied floors located more than ~~75~~ 65 feet (22 860 19812 mm) above the lowest level of fire department vehicle access.

(23) Section 406.1.4 exception #1 is amended as follows:

#### **406.1.4 Separation**

##### **Exceptions:**

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honeycomb core steel doors not less than ~~1-3/8 inches (34.9 mm)~~ 1-3/4" (35 mm) thick, or doors in compliance with Section 715.4.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Doors shall be self-closing and self-latching When the garage floor is at the same elevation as the door sill into the dwelling unit, the door width shall be 32" clear opening.

(24) Section 424.0 is added as follows:

**424.0 Factory built structures.** All factory built structures shall comply with the current issue of the Illinois Department of Public Health Regulation of Factory Built Structures. Permit applicants shall submit complete construction documents OR submit a certificate from the manufacturer that indicates a design professional has certified the unit complies with federal codes and another nationally recognized code. If the structure is smaller in size than that requiring a design professional's certification by federal and state laws, the manufacturer may submit a certification for their closest size unit (which requires certification) and a cover letter which states the smaller unit is of substantially equivalent construction.

(25) Section 505.1 is amended as follows:

**505.1 Address identification.** New and existing buildings shall have ~~approved~~ City of Rockford assigned address numbers, building numbers, or approved building identification placed in a position that is plainly legible and visible from the street or road ~~fronting the property to which the building is addressed.~~ These numbers shall contrast with their background. Address numbers shall be Arabic numerals or English alphabet letters. Numbers shall be a minimum of 4 ~~3~~ inches (102 77 mm) high with a minimum stroke width of 0.5 inch (12.7 mm) ~~Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure when less than 100 feet from the street. When over 100 feet and less than 200 feet from the street, the numbers shall be 5 inches (128 mm) high. When over 200 feet from the street, the numbers shall be 7 inches (179 mm) high. Wherever the primary entry doors are visible from the address street, the numbers shall be displayed above, on or adjacent to the primary entry doors. Numbers shall be displayed where they remain visible at all times. Where a building is more than 500 feet from the street, displaying numbers on a building identification sign or other approved location near and viewable from the street are encouraged.~~

(26) Section 507.1 is amended as follows:

**507.1 General.** The area of buildings of the occupancies and configurations specified herein shall not be limited. Unlimited Area buildings shall not be of Type V construction or contain a basement.

(27) Section 507.2 is amended as follows:

**507.2 Unlimited Area Classification:** ~~Nonsprinklered, one story. The area of a Group F-2 or S-2 building no more than one story in height shall not be limited when the building is surrounded and adjoined by public ways or yards not less than 60 feet (18 288 mm) in width. In order to be classified as an Unlimited Area building, the entire building, regardless of the number of Fire Areas, shall be provided with an automatic sprinkler system in accordance with 903.3.1.1.~~

(28) Section 507.3 is amended as follows:

**507.3 Sprinklered, one story.** The area of a Group B, ~~F1, F2, M<sub>1</sub> or S1~~ or S2 building no more than one *story above grade plane*, or a Group A-4 building no more than one *story above grade plane* ~~of other than Type V construction~~, shall not be limited when the building is provided with an *automatic sprinkler system* throughout in accordance with Section 903.3.1.1 and is surrounded and adjoined by *public ways* or *yards* not less than ~~60~~ 50 feet (~~18 288 mm~~) (15 240 mm) in width.

**Exceptions:**

1. Buildings and structures of Types I and II construction for rack storage facilities that do not have access by the public shall not be limited in height, provided that such buildings conform to the requirements of Sections 507.3, 903.3.1.1 and Chapter 23 of the *International Fire Code* and *NFPA 13*.
2. The *automatic sprinkler system* shall not be required in areas occupied for indoor participant sports, such as tennis, skating, swimming and equestrian activities in occupancies in Group A-4, provided that:
  - 2.1. Exit doors directly to the outside are provided for occupants of the participant sports areas; and
  - 2.2. The building is equipped with a fire alarm system with manual fire alarm boxes installed in accordance with Section 907.
3. An automatic sprinkler system shall not be required for Group S-2 occupancy buildings of Type II or Type IV construction which are occupied exclusively for the storage of noncombustible materials that are not packed or crated in combustible materials.

When a permit is issued utilizing exception 3, the permit and the Certificate of Occupancy shall include specific reference to this exception and the specific limitations of this exception. In addition, the owner shall prepare a notice to all subsequent parties of interest for the property, to be recorded with the Winnebago County Recorder. This notice shall be approved by the code official and shall state the specific limitation of the exception being used, and that any other occupancy or use of the building will require the installation

of an automatic sprinkler system. This notice shall be submitted, with the required recording fee, to the City with the permit application. The City shall record the notice.

(29) Section 507.3.1 is amended as follows:

**507.3.1 Mixed occupancy buildings with Groups A-I and A-2.** Group A-I and A-2 occupancies of ~~other than Type V construction~~ shall be permitted within mixed occupancy buildings of unlimited area complying with Section 507.3, provided:

1. Group A-I and A-2 occupancies are separated from other occupancies as required for separated occupancies in Section 508.4.4 with no reduction allowed in the *fire-resistance rating* of the separation based upon the installation of an *automatic sprinkler system*;
2. Each area of the portions of the building used for Group A-1 or A-2 occupancies shall not exceed the maximum allowable area permitted for such occupancies in Section 503.1; and
3. All *exit* doors from Group A-1 and A-2 occupancies shall discharge directly to the exterior of the building.

(30) Section 507.5 is amended as follows:

**507.5 Reduced open space.** The *public ways* or *yards* of ~~60 feet (18 288 mm)~~ 50 feet (15 240 mm) in width required in Sections ~~507.2, 507.3, 507.4, 507.6 and 507.11~~ shall be permitted to be reduced to not less than ~~40 feet (12 192 mm)~~ 30 feet in width for a one story building and 40 feet for a two story building provided all of the following requirements are met:

1. The reduced width shall not be allowed for more than 75 percent of the perimeter of the building.
2. The *exterior walls* facing the reduced width shall have a minimum *fire-resistance rating* of 3 hours.
3. Openings in the *exterior walls* facing the reduced width shall have opening protectives with a *minimum fire protection rating* of 3 hours.

(31) Section 507.6 is amended as follows:

**507.6 Group A-3 buildings of Type II construction.** The area of a Group A-3 building no more than one *story above grade plane*, used as a *place of religious worship*, community hall, dance hall, exhibition hall, gymnasium, lecture hall, indoor swimming pool or tennis court of Type II construction, shall not be limited when all of the following criteria are met:

1. The building shall not have a stage other than a platform.
2. The building shall be equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1.
3. The building shall be surrounded and adjoined by *public ways* or *yards* not less than ~~60 feet (18288 mm)~~ 50 feet (15 240 mm) in width.

(32) Section 507.7 is deleted in its entirety.

(33) Section 507.10 is amended as follows:

**507.10 Group E buildings.** The area of a Group E building no more than one *story above grade plane*, of Type II, IIIA or IV construction, shall not be limited when all of the following criteria are met:

1. Each classroom shall have not less than two *means of egress*, with one of the *means of egress* being a *direct exit* to the outside of the building complying with Section 1020.
2. The building is equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3. 1.1.
3. The building is surrounded and adjoined by *public ways* or *yards* not less than ~~60 feet (18 288 mm)~~ 50 feet (15 240 mm) in width.

(34) Section 507.10 is amended as follows:

**507.11 Motion picture theaters.** In buildings of Type II construction, the area of a motion picture theater located on the first *story above grade plane* shall not be limited when the building is provided with an *automatic sprinkler system* throughout in accordance with Section 903.3.1.1 and is surrounded and adjoined by *public ways* or *yards* not less than ~~60 feet (18 288 mm)~~ 50 feet (15 240 mm) in width.

(35) Section 705.8.1 is amended by adding the following exception 3.:

3. Existing buildings complying with Section 3402.5.

(36) Section 713.6 is added as follows:

**713.6 Exterior structural members.** Load bearing structural members located within the exterior walls on the outside of a building or structure shall be provided with the highest fire resistance rating as determined in accordance with the following:

1. As required by Table 601 for type of building element based on the type of construction of the building;
2. As required by Table 601 for exterior bearing walls based on the type of construction; and
3. As required by Table 602 for exterior walls based on the fire separation distance.

(36) Section 901.2 is amended as follows:

**901.2 Fire protection systems.**

**Exception:**

1. Any *fire protection* system or portion thereof involving suppression that is not required by this code shall be permitted to be installed for partial or complete protection provided that such system meets the requirements of this code for the areas in which it is installed. Construction documents must be submitted for code review and a permit issued before the system may be installed.
2. Any fire protection system or portion thereof involving only detection or alarms that is not required shall not be required to meet all the provisions of this code or the International Fire Code except that all devices installed must be UL listed or an approved equal.

(38) Section 903.2.2 is deleted and replaced with the following:

**[F] 903.2.2 Group B.** An automatic sprinkler system shall be provided throughout buildings and portions thereof used as Group B as established by 903.2.2.1 through 903.2.2.2.

(39) Section 903.2.2.1 and 903.2.2.2 are added as follows:

**[F] 903.2.2.1 Group B ambulatory health care facilities.** An automatic sprinkler system shall be installed throughout all fire areas containing a Group B ambulatory health care facility occupancy when either of the following conditions exists at any time:

1. Four or more care recipients are incapable of self preservation.
2. One or more care recipients who are incapable of self preservation are located at other than the level of exit discharge serving such occupancy.

**[F] 903.2.2.2 Group B.** An automatic sprinkler system shall be provided throughout all buildings containing a Group B occupancy where one of the following conditions exists:

1. A Group B fire area exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group B fire area is located more than two stories above grade plane.
3. The combined area of all Group B fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).

(40) Section 903.2.4 is amended as follows:

**[F] 903.2.4 Group F-1, F-2.** An automatic sprinkler system shall be provided throughout all buildings containing a Group F- I occupancy where one of the following conditions exists:

1. A Group F- I and F-2 fire area exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group F-I and F-2 fire area is located more than ~~three~~ two stories above *grade plane*.
3. The combined area of all Group F-1 and F-2 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).

(41) Section 903.2.7 is amended as follows:

**[F] 903.2.7 Group M.** An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group M *fire area* is located more than ~~three~~ two stories above *grade plane*.
3. The combined area of all Group M *fire areas* on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).
4. A Group M occupancy is used for the display and sale of upholstered furniture.

**[F] 903.2.9 Group S-1, S-2.** An automatic sprinkler system shall be provided throughout all buildings containing a Group S-I or S-2 occupancy where one of the following conditions exists:

1. A Group S-1 or S-2 fire area exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group S-1 or S-2 fire area is located more than three stories above *grade plane*.
3. The combined area of all Group S-1 or S-2 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).
4. A Group S-1 or S-2 fire area used for tile storage of commercial trucks or buses where the *fire area* exceeds 5,000 square feet (464 m<sup>2</sup>).

**Exception:** One story Group S-2 occupancy buildings of type II or type IV construction with fire separation distances not less than 30 feet and which are occupied exclusively for storage of noncombustible materials that are not packed or crated in combustible materials. Under this exception, the permit and Certificate of Occupancy shall include specific reference to this exception and specific limitations of this exception. Also, the owner shall prepare a notice to all subsequent parties of interest for the property, to be recorded with the Winnebago County Recorder. This notice shall be provided to the code official and shall state the specific limitation of the exception being used, and that any other occupancy or use of the building will require the installation of an automatic sprinkler system. This notice shall be submitted, with required recording fee, to the city with permit application. The City shall record the notice.

(42) Section 903.2.12 is deleted:

(43) Section 903.2.11.1 item #3 is added as follows:

**903.2.11.1 Stories without openings.**

3. An interior stairway that conforms to requirements of Section 1005.0 with a fire separation assembly enclosure of not less than 1 hour, which has a door directly to the exterior and the stair does not connect more than 2 stories. The basement or windowless story floor level shall be 15 feet (4572 mm) or less vertically from the exterior door threshold level and the door threshold shall be within 10 feet (3048 mm) of grade. Interior stair doors or openings shall be provided in each 50 linear feet (15240 mm) or fraction thereof on at least one side of the basement or windowless story.

(44) Section 903.3.1.1.1 is amended as follows:

Exception #4 is deleted.

(45) Section 903.3.5.1.1 is amended as follows:

**Section 903.3.5.1.1 Limited area sprinkler systems.** Limited area sprinkler systems serving fewer than 20 sprinklers on any single ~~connection~~ system are permitted to be connected to the domestic service where a wet automatic standpipe is not available. Limited area sprinkler systems connected to domestic water supplies shall comply with each of the following requirements:

1. Valves shall not be installed between the domestic water riser control valve and the sprinklers.

**Exception:** An *approved* indicating control valve supervised in the open position in accordance with Section 903.4.

2. The domestic service shall be capable of supplying the simultaneous domestic demand and the sprinkler demand required to be hydraulically calculated by NFPA 13, NFPA 13R or NFPA 13D.

3. The maximum number of sprinklers on multiple limited area sprinkler systems within a building may not exceed 40.

(46) Section 903.3.7 is added as follows:

**903.3.7 Fire department connections (FDC):** The location of fire department connections shall be approved by the building official and meet requirements of Sections 912 of the *International Fire Code*.

**Exception:** Multiple limited area sprinkler systems contained within a building supplied from domestic water system with not more than a total of 20 sprinklers per system and a maximum of 40 sprinkler heads total are not required to have a fire department connection.

(47) Section 903.3.8 is added as follows:

**903.3.8 Control valves:** All fire-suppression systems installed in accordance with 903.3.1.1 and 903.3.1.2, shall have an exterior Post Indicator Valve (PIV) provided in a location as approved by the Fire Official.

**Exception:** Control valves located not more than twenty-five feet horizontal and ten feet vertical travel distance from an exterior access door. Such outside access doors shall be clearly marked on the outside with one inch or larger letters stating: "Main sprinkler valve access" or other markings as approved by the Fire Official.

(48) 903.4.2 is amended as follows:

**903.4.2 Alarms:** *Approved* audible and visible devices shall be connected to every *automatic sprinkler system*.

The remainder of this section is unchanged.

(49) Section 905.3.1 is amended as follows:

**905.3.1 Building height.** Class III I standpipe systems shall be installed throughout buildings where the floor level of the highest *story* is located more than ~~30~~ 24 feet (~~9144~~ 7315 mm) above the lowest level of fire department vehicle access, or where the floor level of the lowest story is located

more than ~~30~~ 24 feet (~~9144~~ 7315 mm) below the highest level of fire department vehicle access.

(50) Section 906.1 is amended as follows:

**[F] 906.1 Where required.** Portable fire extinguishers shall be installed in the following locations.

1. In all Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.

**Exception:**(Delete and replace with the following:) Existing R-2 occupancies with less than 6 dwelling units.

- 2 – 6 Unchanged

7. As required by ASME A17.1 and A17.3 for elevator equipment rooms.

(51) Section 907.2 is amended as follows:

**[F] 907.2 Where required-new buildings and structures.** An *approved* fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23 and the Illinois Accessibility Code (IAC) and provide occupant notification in accordance with Section 907.6, unless other requirements are provided by another section of this code.

**Exception:** Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler waterflow.

(52) 907.2.1 is amended as follows:

**[F] 907.2.1 Group A.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.6 shall be installed in Group A occupancies having an *occupant load* of 300 or more and when located two or more stories above or below the level of discharge. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

**Exception:** is deleted.

(53) Section 907.2.6 is amended as follows:

**[F] 907.2.6 Group I.** A manual fire alarm system that activates the occupant notification system shall be installed in Group I occupancies. An automatic smoke detection system that activates the occupant notification system shall be provided in accordance with Sections 907.2.6.1 through 907.2.6.3.3.

**Exceptions:**

1. Manual fire alarm boxes in resident or patient sleeping areas of Group 1-1 and 1-2 occupancies shall not be required at *exits* if located at all nurses' control stations or other constantly attended staff locations, provided such stations are visible and continuously accessible and that travel distances required in Section 907.5.2 are not exceeded.
2. Occupant notification systems are not required to be activated where private mode signaling installed in accordance with NFPA 72 is *approved* by the *fire code official*.
3. Group I-4 occupancies with not more than 16 occupants excluding staff shall not require manual fire alarm or automatic fire detection systems.

(54) 907.2.11.2 is amended as follows:

**[F] 907.2.11.2 Groups R-2, R-3, R-4, and I-I and I-4.** Single or multiple-station smoke alarms shall be installed and maintained in Groups R-2, R-3, R-4, ~~and I-I~~ and I-4 regardless of *occupant load* at all of the following locations:

The remainder of this section remains unchanged.

(55) Section 907.2.11.3 is amended as follows:

**[F] 907.2.11.3 Interconnection.** Where more than one smoke alarm is required to be installed within an individual *dwelling unit* or *sleeping unit* in Group R-1, R-2, R-3 or R-4, within an individual guestroom or suite in Group R-1, or within Group I-4 occupancies the smoke alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit or occupancy. The alarm shall be clearly audible in all bedrooms or spaces in Group I-4 occupancies over background noise levels with all intervening doors dosed.

**Exceptions:**

1. Smoke alarms that are permitted to be solely battery operated in accordance with section 907.2.10.2 are not required to be interconnected.
2. Smoke alarms in existing Group R areas are not required to be interconnected where alterations and repairs regulated by Section 907.2.10.1.4 do not result in the removal of interior wall or ceiling finishes exposing the structure between alarm(s).
3. Interconnection may be by the use of radio-frequency (RF) where installation of wire is not practical.

(56) Section 907.2.11.4 is amended as follows:

**[F] 907.2.11.4 Power source.** In new construction, required smoke alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke Alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over current protection.

**Exceptions:**

1. Smoke alarms are not required to be equipped with a battery backup in Group where they are connected to an emergency electrical system.
2. Smoke alarms are permitted to be solely battery operated in Group R existing buildings, buildings not served from a commercial power source and in existing Group R areas where alterations and repairs regulated by Section 907.2.10.1.4 do not result in the removal of interior wall or ceiling finishes exposing the structure between alarm(s) and a building wiring power source.

(57) 907.2.13 is amended as follows:

**[F] 907.2.13 High-rise buildings.** Buildings with a floor used for human occupancy located more than ~~75~~ 65 feet (~~22-860~~ 19 812 mm) above the lowest level of fire department vehicle access shall be provided with an automatic smoke detection

system in accordance with Section 907.2.13.1, a fire department communication system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.6.2.2.

**Exceptions:** 1-6 remain unchanged.

(58) Section 910.2.1 is hereby deleted.

(59) Section 910.2.2 is hereby deleted.

(60) Section 1003.4 is amended as follows:

**1003.4 Floor surface.** Walking surfaces of the means of egress shall have a slip-resistant surface and be securely attached. Minimum coefficients of friction for any walking surfaces shall be .06 on surfaces with slopes 1:20 or less and 0.8 on surfaces with slopes greater than 1:20.

(61) Sections 1007.1 through 1007.11 are deleted and replaced as follows:

**1007.1 Accessible means of egress.** Accessible means of egress shall comply with the Illinois Accessibility Code (IAC).

(62) Section 1009.4.2 is amended as follows:

**1009.4.2 Riser height and tread depth.** *Stair* riser heights shall be 7 inches (178 mm) maximum and 4 inches (102 mm) minimum. The riser height shall be measured vertically between the leading edges of adjacent treads. Rectangular tread depths shall be 11 inches (279 mm) minimum measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. *Winder* treads shall have a minimum tread depth of 11 inches (279 mm) measured between the vertical planes of the foremost projection of adjacent treads at the intersections with the walkline and a minimum tread depth of 10 inches (254 mm) within the clear width of the *stair*. Treads and risers shall be so proportioned that the sum of two risers plus one tread, exclusive of nosing, is not less than 24 inches nor more than 26 inches.

**Exceptions:**

- 1-4 Remain unchanged.
5. In Group R-3 occupancies; Within dwelling units in Group R-2

occupancies; and in Group U occupancies that are accessory to a Group R-3 occupancy or accessory to individual dwelling units in Group R-2 occupancies; and supplemental stairways in all use groups; the maximum riser height shall be 7-3/4 inches (197 mm); the minimum tread depth shall be 10 inches (254 mm); the minimum winder tread depth at the walkline shall be 10 inches (254 mm); and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 3/4 inch (19.1 mm) but not more than 3/4 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 11 inches (279 mm).  
6-7 Remains unchanged.

(63) Section 1009.4.5 exceptions are amended as follows:

#### 1009.4.5 Profile.

##### Exceptions:

1. Solid risers are not required for stairways that are not required to ~~comply with Section 1007.3~~ be accessible by IAC, provided that the opening between treads does not permit the passage of a sphere with a diameter of 4 inches (102 mm).

Exceptions 2-4 remain unchanged.

(64) Section 1009.6.2 is amended as follows:

**1009.6.2. Outdoor conditions.** Outdoor stairways and outdoor approaches to stairways shall be designed so that water will not accumulate on walking surfaces. Openings in treads, platforms, and landings are permitted for outdoor stairways not exceeding two stories in height, provided openings do not exceed one-half inch in the primary direction of travel.

(65) Section 1009.12 exceptions are amended as follows:

#### 1009.12 Handrails.

##### Exceptions:

1-3 remain unchanged.

Exception #4 is deleted and replaced as follows:

4. Handrails are not required for two or less risers.

Exception #5 is hereby deleted.

(66) Section 1010.2 is amended as follows:

**1010.2 Slope.** Ramps used as part of a means of egress shall have a running slope not steeper than one unit vertical in 12 units horizontal (8-percent slope.) The slope of other ramps shall not be steeper than ~~one unit vertical in eight units horizontal (12.5 percent slope)~~ permitted by the Illinois Accessibility Code.

(67) Section 1012.3 is deleted and replaced as follows:

**1012.3 Handrail graspability.** All handrails shall be in accordance with Illinois Accessibility Code Section 400.310q)2).

(68) Section 1012.6 is amended as follows:

**1012.6 Handrail extensions.** Handrails shall return to a wall guard or the walking surface or shall be continuous to the handrail of an adjacent stair flight or ramp run, Where handrails are not continuous between flights, the handrails shall extend horizontally at least 12 inches (305 mm) beyond the top riser and continue to slope for the depth of one tread plus 12 inches (305 mm) horizontally beyond the bottom riser. At ramps where handrails are not continuous between runs, the handrails shall extend horizontally above the landing 12 inches (305 mm) minimum beyond the top and 12 inches (305 mm) bottom of ramp runs. The extensions of handrails shall be in the same direction of the stair flights at stairways and the ramp runs at ramps.

##### Exceptions:

1. Handrails within a dwelling unit that is not required to be accessible by the IAC need extend only from the top riser to the bottom riser.

Exceptions 2-3 remain unchanged.

(69) Section 1013.2 is amended by adding exception #5 as follows:

### 1013.2 Height

#### Exceptions:

1. In other than occupancies in Use Group E, guards shall not be less than 36 inches (914 mm) in height above the leading edge of the tread along stairs which are not more than 20 feet (6096 mm) in height or which reverse direction at an intermediate landing with 12 inches (305 mm) or less measured horizontally between successive flights. Guard height may remain at 36 inches (914 mm) for the length of handrail extensions required by Section 1012.6.

(70) Section 1015.1 is amended by adding exception #2 as follows:

**1015.1 Exits or exit access doorways from spaces.** Two *exits* or *exit access doorways* from any space shall be provided where one of the following conditions exists:

#### Exceptions:

1. Group 1-2 occupancies shall comply with Section 1014.2.2 through 1014.2.7.
  2. Travel distances for use group B may be increased to 100 feet if entire building has an automatic sprinkler system in accordance with Section 903.3.1.1 and all spaces served by the means of egress have automatic smoke detection in accordance with NFPA 72 for full space detection.
1. The *occupant load* of the space exceeds one of the values in Table 1015.1.  
**Exception:** In Group R-2 and R-3 occupancies, one *means of egress* is permitted within and from individual dwelling units with a maximum *occupant load* of 20 where the dwelling unit is equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1 or 903.3.1.2.
  2. The *common path of egress travel* exceeds one of the limitations of Section 1014.3.

3. Where required by Section 1015.3, 1015.4, 1015.5, 1015.6 or 1015.6.1.

Where a building contains mixed occupancies, each individual occupancy shall comply with the applicable requirements for that occupancy. Where applicable, cumulative *occupant loads* from adjacent occupancies shall be considered in accordance with Section 1004.1.

(71) Section 1015.2.1 is amended as follows:

#### 1015.2.1 Two exits or exit access doorways.

Where two *exits* or *exit access doorways* are required from any portion of the *exit access*, the *exit doors* or *exit access doorways* shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between *exit doors* or *exit access doorways*. Interlocking or *scissor stairs* shall be counted as one *exit stairway*. Where more than one exit or exit discharge doors are required, the distance measured along an exterior wall shall not be less than 20 feet.

#### Exceptions:

1. Is hereby deleted.
2. Where a building is equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1 or 903.3.1.2, the separation distance of the *exit doors* or *exit access doorways* shall not be less than one-third of the length of the maximum overall diagonal dimension of the area served.

(72) Section 1018.1 is amended by adding exception #5 as follows:

#### 1018.1 Construction.

#### Exceptions:

5. In Use Group B serving greater than 30 occupants but fewer than 75 occupants, the fire-resistant rating of a corridor shall not be required if an automatic fire detection system or single or multiple station smoke alarms in accordance with NFPA 72 provide full space

detection for all spaces served by the corridor.

(73) Section 1022.9 is amended as follows:

**1022.9 Smokeproof enclosures and pressurized stairways.** In buildings required to comply with Section 403 or 405, each of the *exit enclosures* serving a *story* with a floor surface located more than ~~75~~ 65 feet (~~22 860~~ 19 812 mm) above the lowest level of fire department vehicle access or more than 30 feet (9144 mm) below the finished floor of a *level of exit discharge* serving such stories shall be a *smokeproof enclosure* or pressurized *stairway* in accordance with Section 909.20.

(74) Section 1024.1 is amended as follows:

**1024.1 General.** *Approved* luminous egress path markings delineating the exit path shall be provided in buildings of Groups A, B, E, I, M and R-I having occupied floors located more than ~~75~~ 65 feet (~~22 860~~ 19 812 mm) above the lowest level of fire department vehicle access in accordance with Sections 1024.1 through 1024.5.

**Exceptions:** Remain Unchanged

(75) Section 1026.2 is amended as follows:

**1026.2 Use in a means of egress.** *Exterior exit stairways* shall not be used as an element of a required *means of egress* for Group I-2 occupancies. For occupancies in other than Group I-2, *exterior exit ramps* and *stairways* shall be permitted as an element of a required *means of egress* for buildings not exceeding ~~six~~ three stories above *grade plane* or having occupied floors more than ~~75~~ 65 feet (~~22 860~~ 19 812 mm) above the lowest level of fire department vehicle access.

(76) Section 1028.10.2 is amended as follows:

**1028.10.2 Single access.** For rows of seating served by an *aisle* or doorway at only one end of the row, the minimum clear width of 12 inches (305 mm) between rows shall be increased by 0.6 inch (15.2 mm) for every additional seat beyond seven seats, but the minimum clear width is not required to exceed 22 inches (559 mm).

**Exceptions:**

1. For *smoke-protected assembly seating*, the row length limits for a 12-inch-wide (305 mm) *aisle access way*, beyond

which the *aisle access way* minimum clear width shall be increased, are in Table 1028.10.1.

2. For areas serving not more than 50 occupants the common path of travel shall not exceed 75 feet (22 860 mm).
3. For smoke-protected assembly seating, the common path of travel shall not exceed 50 feet (15,240 mm).
4. For smoke-protected assembly seating there shall not be more than 40 seats between the two aisles and the minimum clear width shall be 12 inches (305 mm) plus 0.3 (7.6 mm) for each additional seat.

(77) Section 1101.2 is amended as follows:

**1101.2 Design.** Buildings and facilities shall be designed and constructed to be accessible in accordance with ~~this code and ICC/ANSI A117.1.~~ the Illinois Accessibility Code and any reference to Chapter 11 within this code shall be a reference to the IL Accessibility Code.

Delete the remainder of this Chapter.

(78) Section 1203.1 is deleted and replaced with the following:

**1203.1 Ventilation required.** Every occupied space shall be ventilated by mechanical means in accordance with Section 403 of the *International Mechanical Code*. In addition, ventilation shall be provided by natural means in accordance with Section 402 of the *International Mechanical Code*. The ventilation rates have been first satisfied by mechanical means. Refer to Amendments to Section 402.1 of the *International Mechanical Code* for the mandatory mechanical air supply requirements.

(79) Section 1203.4 is amended as follows:

**1203.4 Natural ventilation.** *Natural ventilation* of an occupied space shall be through windows, doors, louvers or other openings to the outdoors. The operating mechanism for such openings shall be provided with ready access so that the openings are readily controllable by the building occupants. In addition, make up air, dilution air and ventilation air must be provided by the mechanical air supply system. The system shall supply

adequate supply of ventilation, dilution and make up air in addition to make up air.

(80) Figure 1608.2 is amended as follows:

Figure 1608.2 Ground Snow Loads, Pg, for the United States (psf) The Pg variable is 30 pounds force per square foot in Rockford, Illinois.

(81) Section 1612.3 is amended as follows:

**1612.3 Establishment of flood hazard areas.** To establish *flood hazard areas*, the governing body shall adopt a flood hazard map and supporting data. The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled “The Flood Insurance Study for City of Rockford,” dated June 12, 1982, as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Man (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section.

(82) Section 1612.4 is amended as follows:

**1612.4 Design and construction.** The design and construction of buildings and structures located in *flood hazard areas*, including flood hazard areas subject to high velocity wave action, shall be designed and constructed in accordance with Chapter 5 of ASCE 7 and with ASCE 24 and City Code of Ordinance.

(83) Section 1704.1 is amended as follows:

**1704.1 General.** Where application is made for construction as described in this section, the owner or the *registered design professional in responsible charge* acting as the owner's agent shall employ one or more *approved agencies* to perform inspections during construction on the types of work listed under Section 1704 where specified by the design professional or when required by the code official. These inspections are in addition to the inspections identified in Section 110.

The remainder of the Section remains unchanged.

(84) Section 1704.1.1 is amended as follows:

**1704.1.1 Statement of special inspections.**

The applicant shall submit a statement of *special inspections* prepared by the *registered design professional in responsible charge* in accordance with Section 107.1 as a condition for issuance.

This statement shall be in accordance with Section 1705 and where specified by the design professional(s).

**Exceptions:**

1. A statement of *special inspections* is not required for structures designed and constructed in accordance with the conventional construction provisions of Section 2308.
2. The statement of *special inspections* is permitted to be prepared by a qualified person *approved* by the *building official* for construction not designed by a *registered design professional.*

The statement shall be in summary form listing all types of special inspections listed in this section as follows:

<u>INSPECTION/MATERIAL</u>	<u>INSPECTOR</u>
<b>1704.3</b> Steel construction and items in Table 1704.3	
<b>1704.4</b> Concrete construction and items in Table 1704.4	
<b>1704.5</b> Masonry construction and items in Table 1704.5	
<b>1704.6</b> Wood construction and items in Table 1704.6	
<b>1704.7</b> Soils	
<b>1704.8</b> Driven Deep Foundations and items in Table 1704.8	
<b>1704.9</b> Cast-in-place deep foundations and items in Table 1704.8	
<b>1704.10</b> Helical pile foundations	
<b>1704.11</b> Vertical masonry foundations	
<b>1704.12</b> Sprayed fire-resistant materials	
<b>1704.13</b> Mastic and intumescent fire-resistance coatings.	
<b>1704.14</b> Exterior insulation and finish System (EIFS).	

**1704.14** Smoke control system during installation of ductwork during testing prior to occupancy  
(85) Section 1704.1.2 is amended as follows:

1704.1.2 Report requirement. Special inspectors shall keep records of inspections. The special inspector shall furnish inspection reports to the ~~building official, and to the registered design professional in responsible charge.~~ Reports shall indicate that work inspected was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the *building official* and to the *registered design professional in responsible charge* prior to the completion of that phase of the work. A final report documenting required *special inspections* and correction of any discrepancies noted in the inspections shall be submitted at a point in time agreed upon prior to the start of work by the applicant and the *building official*, but no later than the end of the project and prior to issuance of a certificate of occupancy.

(86) Section 1806.2 is amended as follows by adding the following exception:

**Section 1806.2 Presumptive load-bearing values.**

**Exceptions:**

1. Remains unchanged.
2. Depending on the use, the Code Official may accept designs based upon an assumed soil bearing capacity of 1500 psf provided all of the following conditions are met:
  - a. The building height does not exceed one (1) story or 20 feet in buildings which contain masonry or concrete walls.
  - b. The building height does not exceed one (1) story or 25 feet in buildings which do not contain any masonry or concrete walls.
  - c. The foundation is shallow and the building does not include a basement.
  - d. The building seismic use group is not Category II or III as listed in Table 1604.5

- e. Footings bear on virgin soil that is not questionable including but not limited to plastic, liquefied, highly sensitive clays, weakly cemented, peats or organic and expansive materials.

Prior to issuance of a building permit, a statement in accordance with Section 1704.1.1 shall be submitted by the permit applicant including the name of the design professional or qualified soils engineer who will be conducting the inspection. Following excavations and prior to pouring of foundations, a site inspection and written report shall be prepared by a licensed design professional or qualified soils engineer to indicate that no questionable soils have been discovered. A copy of inspection report shall be submitted to the code official prior to inspection listed in Section 110.3.1.

(87) Section 1809.4 is amended as follows:

**1809.4 Depth of Footings.** The minimum depth of footings shall be 42" below grade. The minimum depth of footings below the undisturbed ground surface shall be 12 inches (305 mm). Where applicable, the requirements of Sections 1809.5 shall also be satisfied. The minimum width of footings shall be 12 inches (305 mm).

(88) Section 1809.5 is amended as follows:

**Exception:** Free-standing buildings meeting all of the following conditions shall not be required to be protected:

1. Assigned to *Occupancy Category I*, in accordance with Section 1604.5.
2. Area of ~~600 (37 m<sup>2</sup>)~~ 120 square feet (11 m<sup>2</sup>) or ~~400 square feet (37 m<sup>2</sup>)~~ or less ~~for other than light frame construction;~~ and
3. Eave height of 10 feet (3048 mm) or less.

(89) Section 1809.5.1 is added as follows:

**1805.5.1 Slab-on-ground foundations in storage buildings.** Slab-on-ground foundations shall be located on soil of adequate load-bearing capacity. The code official may approve a slab-on-ground foundation where adequate subsoil drainage and frost protection are provided and where the following conditions are met:

1. Structure is non-occupiable, unconditioned, detached, of Use Groups S or U, does not contain any masonry and does not exceed (1) one story or 25 feet (7620 mm) in height.
2. Slab/foundation does not bear on peats, organic or other questionable soils.
3. Slab thickness is not less than 4" with a minimum of 6" x 6" 10#/10# WWF reinforcing.
4. Slab turns down to a minimum of 12" below grade and is reinforced with a minimum of 1 continuous [minimum 12" tied laps] #4 steel reinforcing bar under interior and exterior load-bearing walls.
5. A minimum of 4 inches of screened and washed gravel or crushed stone is provided under entire slab.
6. The grade surrounding the building falls a minimum of 6" within the first 10'.

(90) Section 2701.1 is amended as follows:

**Section 2701.1 Scope:** This chapter governs the electrical components, equipment and systems used in buildings and structures covered by this code. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions NFPA 70 as adopted by the City of Rockford including local amendments.

(91) Section 2801.1 is amended as follows:

**2801.1 Scope:** Mechanical appliances, equipment and systems shall be constructed, installed and maintained in accordance with the *International Mechanical Code* and the *International Fuel Gas Code*. Masonry chimneys, fireplaces and barbecues shall comply with the *International Mechanical Code* and Chapter 21 of this code as adopted by the City of Rockford including local amendments.

(92) Section 2901.1 is amended as follows:

**[P] 2901.1 Scope.** ~~The provisions of this chapter and the *International Plumbing Code Illinois Plumbing Code*~~ shall govern the erection, installation, *alteration*, repairs, relocation, replacement, *addition* to, use or maintenance of plumbing equipment and systems. Plumbing systems and equipment shall be constructed,

installed and maintained in accordance with the ~~*International Plumbing Code*~~ *Illinois Plumbing Code*. Private sewage disposal systems shall conform to the *International Private Sewage Disposal Code*.

(93) Section 2902.0 is hereby deleted.

(94) **3001.1 Scope.** This chapter governs the design, construction, installation, *alteration* and repair of elevators and conveying systems and their components. The requirements of Section 3002 through Section 3012 are the minimum requirements for elevators installed in the City of Rockford. The Office of the State Fire Marshall issues all permits and performs all inspections as required in accordance with the State of Illinois Elevator Safety and Regulation Act, ILCS 225 ILCS 312/10.

(95) Section 3001.3 is amended as follows:

**3001.3 Accessibility.** Passenger elevators required to be accessible by Chapter 11 shall conform to ~~ICC/ANSI A117.1~~ the requirements of the *Illinois Accessibility Code*.

(96) Section 3003.1 is amended as follows:

**[F] 3003.1 Standby power.** In buildings or structures where standby power is required by Section 2702 or furnished to operate an elevator, the operation shall be in accordance with Section 3003.1.1 through 3003.1.4.

(97) Section 3003.2 is amended as follows:

**[F] 3003.2 Firefighters' emergency operation.** Elevators with travel more than two stories below or above primary level of fire department entry shall be provided with Phase I emergency recall operation and Phase II emergency in-car operation with ASME A17.1/CSA B44.

**Exception:** Limited-Use/Limited-Application (LULA) elevators meeting the requirements of Section 5.2 of ASME A17.1 need not have recall or in-car emergency operation.

(98) Section 3006.5 is amended as follows:

**3006.5 Shunt trip.** Where elevator hoistways or elevator machine rooms containing elevator control equipment are protected with automatic sprinklers where required by this code and not exempt by NFPA 13, Section 4-13.5, 'Elevator Hoistways and

Machine Rooms, a means installed in accordance with NFPA 72, Section 6.16.4, Elevator Shutdown, shall be provided to disconnect automatically the main line power supply to the affected elevator upon or prior to the application of water from sprinklers. This means shall be independent of the elevator control and shall not be self-resetting. The activation of sprinklers outside the hoistway or machine room shall not disconnect the main line power supply.

**Exception:** Sprinklers located not more than two feet (610 mm) above hoistway pit floors. These sprinklers shall be pendant type, shall be protected from falling debris above by a half-cone shaped shield and should be located near the side of the pit below hoistway door.

(99) Section 3006.5.1 is added as follows:

**3006.5.1 Sprinkler alternative.** In buildings or areas where automatic sprinklers are provided or required by this code, where elevator travel is less than 65 feet, smoke detectors may be provided at the top of the hoistway and in the machine room in lieu of sprinklers with a means of power disconnection to the affected elevator. Required sprinklers at the bottom of the hoistway and within two feet (610 mm) of the pit floor are not exempt under this section as activation is not required by ASME A17.1 Section 2.8 to cause power disconnection. Actuation of smoke detectors in hoistway or machine room shall cause the car to recall to the floor level designated by the Code Official.

**Exception:** Limited-Use/Limited-Application (LULA) elevators as defined by Section 3007, are not required to recall. Smoke detectors, when initiated, shall activate audible and visible alarm appliances located at each elevator lobby.

(100) Section 3006.7 is added as follows:

**3006.7 Equipment in hoistways and machine rooms.** Installation of electrical equipment, wiring, pipes or ducts, tanks, sprinklers, electrical heaters, air conditioning in hoistways, machine rooms or machinery spaces shall be in accordance with ASME A17.1 Section 2.8.

(101) Section 3009 is added as follows:

## **SECTION 3009** **LIMITED-USE/LIMITED-APPLICATION ELEVATORS**

**3009.1 General.** A Limited-Use/Limited Application (LULA) elevator may be used where permitted by the Illinois Accessibility Code (IAC) Sections 400.310h)1), 400.330, 400.510e)14) or 400.610b)4)D) if it complies with all aspects of this chapter, ASME A17.1 Section 5.2 and IAC 400.310.g)10), 12)A), 12)B), 12)C), 14 and 15. If building or areas/levels served are exempt from the IAC, the elevator need only to comply with this chapter and ASME A17.1 Section 5.2.

**3009.2 Cab size and capacity.** The minimum net inside cab size of a LULA shall be 30 inches (76 mm) wide by 48 inches (122 mm) deep. Larger cabs up to and less than 18 square feet (1.67 square meters) shall have load capacity ratings in compliance with ASME A17.1 Table 2.16.1 not to exceed 1400 lb (635 kg).

**3009.3 Travel.** Travel of a Limited- Use/Limited-Application elevator shall not exceed 25 feet (7600 mm).

**3009.4 Maximum rate of speed.** The rated speed of a LULA shall not exceed 30 feet (0.15 meters) per minute.

(102) Section 3010 is added as follows:

## **SECTION 3010** **PLATFORM WHEELCHAIR LIFTS**

**3010.1 General.** A Platform Lift may be used where permitted by the Illinois Accessibility Code (IAC) Section 400.310h) or where building or areas/levels served are exempt from the IAC altogether, if it complies with ASME A18.1.

**3010.2 Platform size and capacity.** The minimum inside net platform size shall be 30 inches (76 mm) wide by 48 inches (122 mm) deep. Larger platforms up to and less than 18 square feet (1.67 square meters) shall have load capacity ratings not less than 450 lb (204 kg) and not more than 750 lb (340 kg). Platforms with an area greater than 15 square feet (1.39 square meters) shall have a rated capacity of 750 lb (340 kg).

**3010.3 Travel/stops.** Travel of a Platform Lift shall not exceed 12 feet nor shall there be more than three stops.

**3010.4 Maximum rate of speed.** The rated speed of a Platform Lift shall not exceed 30 feet (0.15 meters) per minute.

**3010.5 Pinch points.** The maximum to minimum clearances from sides of guards to adjacent vertical elements is 3 inches to 2 inches respectively.

**Exception:** Platform surface shall extend to within 3/8 inch to 3/4 inch of entrance threshold.

**3010.6 Floor Penetrations.** A platform lift shall not penetrate a floor or be within a shaft enclosure (as defined in Section 702) other than one by the lift manufacturer. Permitted locations include an open stair or lobby or other large floor opening which is significantly larger than the lift and is permitted by Section 707.

(103) Section 3011 is added as follows:

**SECTION 3011**  
**EMERGENCY COMMUNICATION SYSTEMS**

**3011.1 Emergency signal.** All new and existing power freight, passenger, and Limited-Use/Limited-Application elevators shall be provided with emergency signal devices conforming to requirements of current ASME A17.1 or A17.3. Passenger and Limited- Use/Limited-Application elevators shall also comply with current Illinois Accessibility Code, be “hands free operation” without a cord, and be mounted between 15 inches and 48 inches above the cab floor.

**Exception:** Open freight elevators with two stops and not more than 15 feet of travel.

(104) Section 3012 is added as follows:

**SECTION 3012**  
**PERIODIC INSPECTIONS AND TESTING**

**3012.1 Tests and Testing Agency.** The owner or owner’s authorized agent shall have periodic tests required by ASME A17.1 – 2000 Section 8.11.2, 8.11.3, 8.11.4 and 8.11.5 performed by persons qualified to perform such service.

**3012.2 Inspector.** The owner or owner’s authorized agent may have an independent inspection agency or individual witness tests required by Section 3010.1 at intervals required by

Section 3010.3. Inspectors shall be certified by an organization accredited by ASME in accordance with the requirements of ASME – QEI-1.

**3012.3 Frequency.** The frequency of periodic tests shall be at intervals as recommended by ASME A17.1 – 2000 Appendix N.

**3012.4 Records.** The owner or owner’s authorized agent shall maintain records of periodic tests required by Section 3010.1. The most current record of testing shall be on display within the elevator or attached to the escalator, dumbwaiter, moving walkway or lift; or shall be available public inspection in an on-site office of the building operator.

(105) Section 3101.1 is amended as follows:

**3101.1 Scope.** The provisions of this chapter, the City of Rockford Zoning Ordinance and Chapter 26 of the Code of Ordinances of the City of Rockford shall govern special building construction including membrane structures, temporary structures, pedestrian walkways and tunnels, automatic vehicular gates, awnings and canopies, marquees, signs, and towers and antennas.

(106) Section 3103.1 is amended as follows:

**3103.1 General.** The provisions of this section and Sec. 105-350 of the City of Rockford Code of Ordinances shall apply to structures erected for a period of less than 180 days. Tents and other membrane structures erected for a period of less than 180 days shall comply with the International Fire Code. Those erected for a longer period of time shall comply with applicable sections of this code.

(107) Section 3103.2 is amended as follows:

**3103.2 Construction documents.** A permit application and construction documents shall be submitted for each installation of a temporary structure. The construction documents shall include a site plan indicating the location of the temporary structure(s) relative to lot lines and other structures and information delineating the ~~means of egress and occupant load.~~

(108) Section 3103.3 is amended as follows:

**3103.3 Location.** Temporary structures shall be located ~~in accordance with the requirements of Table 602 based on the fire resistance rating of the~~

exterior walls for the proposed type of construction not less than 20 feet from lot lines, buildings, other temporary structures, parked vehicles or internal combustion engines or as otherwise permitted by Section 2403.2 of the *International Fire Code*.

(109) Section 3105.1 is amended as follows:

**3105.1 General.** Awnings and canopies shall comply with the requirements of this section, the City of Rockford Zoning Ordinance and Chapter 26 of the Code of Ordinances of the City of Rockford and other applicable sections of this code.

(110) Section 3106.1 is amended as follows:

**3106.1 General.** Marquees shall comply with the requirements of this section, the City of Rockford Zoning Ordinance and Chapter 26 of the Code of Ordinances of the City of Rockford and other applicable sections of this code.

(111) Section 3107.1 is amended as follows:

**3107.1 General.** Signs shall be designed, constructed and maintained in accordance with the City of Rockford Zoning Ordinance and applicable provisions of Chapters 1, 2, 15, 16, 18, 19, 22, 23, 27, 32, 34 and appendix H of this code.

(112) Section 3108.2 is amended as follows:

**3108.2 Location and access.** Towers shall be located such that guy wires and other accessories shall not cross or encroach upon any street or other public space, or over above-ground electric utility lines, or encroach upon any privately owned property without the written consent of the owner of the encroached-upon property, the electric utility company and the City of Rockford. ~~space or above-ground electric utility lines.~~ Towers shall be equipped with climbing and working facilities in compliance with TIA-222. Access to the tower sites shall be limited as required by applicable OSHA, FCC and EPA regulations.

(113) Section 3109.1.1 is added as follows:

**3109.1.1 Permits and construction documents.** A swimming pool or appurtenances thereto shall not be constructed, installed, enlarged or altered until construction documents have been submitted and a permit obtained from the code official.

The approval of all city, county, state authorities having jurisdiction over swimming pools shall be obtained before beginning construction. A copy of the application for permit to the Illinois Department of Public Health shall be submitted prior to the code officials issuance of a permit.

(114) Section 3109.1.2 is added as follows:

**3109.1.2 Pool, appurtenant structure and enclosure design.** The design of public swimming pools, appurtenant structures and enclosures shall be in accordance with the state of Illinois Department of Public Health 'Standards for Public Swimming pools and Bathing Beaches.

(115) Section 3109.3 is amended as follows:

**3109.3 Public swimming pools.** Public swimming pools are those that serve any use other than dwellings or dwellings with more than 4 units. Public swimming pools shall be completely enclosed by a fence at least 4 feet (1290 mm) in height or a screen enclosure. Openings in the fence shall not permit the passage of a 4-inch (102 mm) diameter sphere. The fence or screen enclosure shall be equipped with self closing and self latching gates.

(116) Section 3109.4 is amended as follows:

**3109.4 Residential swimming pools.** Residential/private swimming pools are those that serve not more than 4 dwelling units. Residential swimming pools shall have a barrier and comply with Sections 3109.4.1 through 3109.4.3

(117) Section 3201.1 is amended as follows:

**3201.1 Scope.** The provisions of this chapter and Chapter 26 of the Code of Ordinances of the City of Rockford shall govern encroachment and projection of structures into the public right-of-way.

(118) Section 3202.1 is amended as follows:

**3202.1 Encroachments below grade.** Encroachments below grade shall comply with Sections 3202.1.1 through 3202.1.3. Maintenance, repairs and alterations of any below grade encroachments including costs of same shall be

the responsibility of the owner of the property whose building or structure is encroaching.

**Exception:** Where prior agreements have been made by the property owner, the City of Rockford, utility company or other legally bound party.

(119) Section 3202.1.1 is amended as follows:

**3202.1.1 Structural support.** A part of a building erected below grade that is necessary for structural support of the building or structure shall not project beyond the *lot lines*, except that footings of ~~street~~ walls or their supports along public street or alley lot lines which are approved in advance by the authority or legislative body having jurisdiction located at least 8 feet (2438 mm) below grade shall not project more than 12 inches (305 mm) beyond the street lot line.

(120) Section 3202.2 is amended as follows:

**3202.2 Encroachments above grade and below 8 9 feet in height.** Encroachments into the public right-of-way above grade and below ~~8 9~~ feet (2438 2744 mm) in height shall be prohibited except as provided for in Sections 3202.2.1 through 3202.2.3. Doors and windows shall not open or project into the public right-of-way unless located between columns or pilasters permitted to encroach by Section 3202.2.2.

(121) Section 3202.3 is amended as follows:

**3202.3 Encroachments 8 9 feet or more above grade.** Encroachments ~~8 9~~ feet (2438 2744 mm) or more above grade shall comply with Sections 3202.3.1 through 3202.3.4.

(122) Section 3202.3.1 is amended as follows:

**3202.3.1 Awnings, canopies, marquees and signs.** *Awnings*, canopies, marquees and signs shall be constructed so as to support applicable loads as specified in Chapter 16. *Awnings*, canopies, marquees and signs with less than 15 feet (4572 mm) clearance above a sidewalk shall not extend closer than 3 feet (915 mm) inside of the curb or edge of street or alley pavement into or occupy more than two-thirds the width of the sidewalk measured from the building. Stanchions or columns that

support *awnings*, canopies, marquees or signs shall be located not less than ~~2 3~~ feet (610 915 mm) in from the curb line or edge of street or alley pavement.

(123) Section 3202.3.3 is amended as follows:

**3202.3.3 Encroachments 15 feet or more above grade.** Encroachments 15 feet (4572 mm) or more above grade shall not be limited subject to approval of local authority having jurisdiction.

(124) Section 3303.2.1 is added as follows:

**3303.2.1 Exterior and party walls.** When an adjacent structure wall is exposed as a result of demolition, the resulting exposed to the exterior walls shall be protected with waterproof materials during demolition and all necessary repairs to the wall to make it comply with requirements of Chapter 14 shall be made.

(125) Section 3401.2 is amended as follows:

**Section 3401.2 Maintenance.** Buildings and structures, and parts thereof, shall be maintained in a safe and sanitary condition. Devices, equipment, systems or safeguards which are required by this code or by a previous statute or code for the building or structure when erected or altered shall be maintained in conformance with the ~~code edition under which installed~~ maintenance requirements of this code, the International Property Maintenance Code and the International Fire Code as adopted by the City of Rockford. The owner or the owner's designated agent shall be responsible for the maintenance of buildings and structures. To determine compliance with this subsection, the building official shall have the authority to require a building or structure to be reinspected. The requirements of this chapter shall not provide the basis for removal or abrogation of fire protection and safety systems and devices in existing structures.

(126) Section 3411.1 through 3411.9.4 is deleted and replaced as follows:

**3411.1 Scope.** The provisions of the Illinois Accessibility Code apply to the maintenance, change of occupancy, additions and alterations to

existing buildings, including those identified as historic buildings.

(127) Section 3412.2 is amended as follows:

**3412.2 Applicability.** Structures existing whose original construction building permit was issued prior to January 1, 1980, in which there is work involving additions, alterations or changes of occupancy shall be made to comply with the requirements of this section or the provisions of Sections 3403 through 3409. The provisions in Sections 3412.2.1 through 3412.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, Sand U. These provisions shall not apply to buildings with occupancies in Group H or I.

(128) Amend Section 3412.6.11 by adding exception as follows:

**Exception:** Exit discharge through an unprotected, unsuppressed room or space, in lieu of meeting requirements of Section 1006 is permitted, provided the travel distance from the exit enclosure to the exterior exit discharge door(s) does not exceed 15 feet.

(129) Section 3412.6.14 is amended as follows:

**3412.6.14 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 the International Fire Code Chapter 30 of this code and current referenced ASME A17.1. Under the categories and occupancies in Table 3412.6.14, determine the appropriate value and enter that value into Table 3412.7 under Safety Parameter 3412.6.14, Elevator Control, for fire safety, means of egress and general safety. The values shall be not less than zero for a single a two story building.

(130) Table 3412.6.14 is amended as follows:

**TABLE 3412.6.14  
ELEVATOR CONTROL VALUES**

ELEVATOR TRAVEL	CATEGORIES			
	a	b	c	d
Less than <del>25 feet</del> <u>two stories</u> of travel above or below the primary level of elevator access for emergency fire-fighting or rescue personnel	-2	0	0	+2
Travel of <del>25 feet</del> <u>two stories</u> or more above or below the primary level of elevator access for emergency fire-fighting or rescue personnel	-4	NP	0	+4

(131) Section A101.2 is amended as follows:

**A101.2 Chief inspector.** The *building official* can designate supervisors to administer the provisions of the *International Building, Mechanical and Illinois Plumbing Codes and International Fuel Gas Code*. Each supervisor shall have at least ~~10~~ 5 years' experience or equivalent as an architect, engineer, inspector, contractor or superintendent of construction, or any combination of these, ~~five years of which shall have been in a supervisory capacity.~~ They shall be certified through a recognized certification program for the appropriate trade.

(132) Section A101.3 is amended as follows:

**A101.3 Inspector and plan examiner.** The remainder of this section is unchanged.

(133) Section B101.2 is amended as follows:

**B101.2 Membership of the board.** The board of appeals shall consist of 7 persons appointed by the ~~chief appointing authority mayor as follows:~~

- ~~1. One for 5 years; one for 4 years; one for 3 years; one for 2 years; and one for 1 year.~~
- ~~2. Thereafter, each new member shall to serve for 5 years or until a successor has been appointed.~~

The building official shall be an ex officio member of the said board but shall have no vote on any matter before the board.

(134) Section B101.2.1 is hereby deleted.

(135) Section B101.2.2 is deleted and replaced as follows:

**B101.2.2 Qualifications.** Each member shall be a licensed Professional Engineer, licensed Structural Engineer a licensed Architect or a builder or superintendent of building construction with at least ten years experience, five of which shall have been in responsible charge of work. There shall be at least one Architect, one Professional Engineer, one Structural Engineer and one builder. Not more than two members shall be from the same profession or occupation, and at least one Professional Engineer shall be a Civil Engineer with architectural engineering experience.

(136) Section B101.4 is amended as follows:

**B101.4 Board decision:** The board shall modify or reverse the decision of the *building official* by a concurring vote of ~~two-thirds~~ a majority of the members present. A quorum is 4 members.

(137) Appendices C, D, E, and F are hereby deleted.

(138) Section G102.2 is amended as follows:

**G102.2 Establishment of flood hazard areas.** Floor hazard areas are established in Section 1612.3 of the *International Building Code*, adopted by the governing body on June 18, 1979.

(139) Section H101.2 is hereby deleted.

(140) Sections H102 through H104 are hereby deleted.

(141) Sections H108 through H114 are hereby deleted.

(142) Appendix J is hereby deleted

(143) Section K101.3 is added as follows:

**K101.3 Definitions:** For the purposes of this Appendix, the following definitions shall be used.

**ELECTRICAL CONTRACTOR.** Whenever the term “electrical contractor” is used, it shall mean any person, firm, or corporation undertaking the execution of electrical work or engaged in the business of installing or altering by contract electrical equipment for utilization of electricity, supplied for light, heat, or power, not including radio apparatus or equipment for wireless reception of sounds and signals, and not including apparatus, conductors and other equipment installed for or by public utilities, including common carriers, which are under jurisdiction of the Illinois Commerce Commission for use in their operation as public utilities; the term “electrical contractor” does not include employees employed by such contractor to do or supervise such work, nor does it include homeowners who do their own work in their own home.

**ELECTRICAL EQUIPMENT.** Whenever the term “electrical equipment” is used, it shall mean conductors and equipment installed for the utilization of electricity supplied for light, heat, or power, but does not include radio apparatus or equipment for the wireless reception of sounds and signals, and does not include apparatus, conductors, and other equipment installed for or by public utilities, including common carriers which are under the jurisdiction of the Illinois Commerce commission for use in their operation as public utilities.

(144) Section K101.4 is added as follows:

**K101.4 Restriction of employees.** An official or employee connected with the enforcement of this code, except whose only connection is that of a member of the board of appeals established under the provisions of section 112 of this code, shall not be engaged in, or directly or indirectly connected with, the furnishing of labor, materials or appliances for the construction, alteration or maintenance of a building, or the preparation of construction documents thereof, unless that conflicts with official duties or with the interests of the department.

(145) Section K103.2 is deleted and replaced with the following:

**K103.2 Work exempt from a permit.** Minor repair work, including:

1. Temporary cord and plug lighting, provided they are not within a tent requiring a permit..

2. Replacement of plug and switch receptacles, light fixtures or ceiling fans weighing less than 35 lbs. provided wiring and junction box are not altered.
3. Repair or replacement of branch circuit overcurrent devices.
4. Temporary wiring for experimental purposes in suitable experimental testing laboratories.
5. Wiring, devices, appliances, apparatus or equipment operating at less than 25v and 50w.
6. Low voltage wiring and systems not associated with fire alarm or other life safety systems.
7. Repair or replacement of interior or exterior wall and ceiling coverings provided:
  - a. not more than 50% of coverings in a room are removed.
  - b. framing is not exposed to the extent where smoke alarms are required to be wired to the building's electrical system and be interconnected by section 907.2.10.
  - c. electrical wiring in a hazardous condition are not exposed and the minimum standards for receptacles, light switches and light fixtures established in sections 604 and 605 of the *International Property Maintenance Code* as amended have been met.
  - d. electrical systems are not being resized, rearranged or extended.
8. Replacement of counters provided they are not lengthened more than two feet where part of a kitchen or wet bar within a dwelling.

Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio or television transmissions, but do apply to equipment and wiring for power supply, the installations of towers and antennas.

Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

Exemption from the permit requirements of this code shall not be deemed to grant authorization for work to be done in violation of the provisions of this code or other laws or ordinances of this jurisdiction.

(146) Section K103.3 is added as follows:

**K103.3 Application for permit.** Applications for permits shall include at a minimum the name of

applicant (must be a registered electrician), street address of job and building permit number (if building permit is required).

(147) Section K103.4 is added as follows:

**K103.4 Owner-occupant permit application.** Where an owner-occupant is permitted to perform electrical work by exception to section 405.1, an owner-occupant application shall be made to the code official on form provided by the code official.

(148) Section K103.5 is added as follows:

**K103.5 Registration of electrical contractors.** Before any person, firm, or corporation shall engage in the business as an electrical contractor in the City of Rockford, Illinois, and before any person, firm, or corporation now engaged in said business shall continue in said business, such person, firm, or corporation shall apply for registration stating the name and place of business of the applicant and pay the annual registration fee of \$25.00.

Exception: a person, firm or corporation who can show proof of registration for the current year in any City, Village or County in the State of Illinois, shall not be required to pay the registration fee, but shall apply for and obtain registration from the City of Rockford.

Said certificate of registration issued thereunder shall expire on the 31st of December of the year in which it is issued, and may be renewed on or before the date of expiration. The Senior Electrical Inspector shall keep a suitable record of all registrations.

Exception: The owner-occupant of a single family dwelling, or the owner of a single family dwelling under construction for his or her occupancy upon completion shall be permitted to plan, install, alter or repair the electrical systems of such dwelling without registration provided that required permits are obtained such systems comply with the requirements of this code. The owner-occupant shall not employ other than a City of Rockford registered electrician to assist him or her.

(149) Section K103.6 is added as follows:

**K103.6 Revocation.** Certificate of registration issued by the Electrical Commission shall not be loaned, rented, assigned or transferred. Each and every certificate of registration may, after hearing, be suspended or revoked by the Electrical Commission upon failure or refusal of the electrical contractor to comply with the rules and regulations of the Commission, or the provisions of this ordinance.

(150) Section K106.5 is added as follows:

**K106.5 Penalties.** Any person who fails to comply with the provisions of this code or who fails to carry out an order made pursuant of this code or violates any condition attached to a permit, approval or certificate shall be subject to the penalties established by this jurisdiction and punishable by a fine of not less than 50 and not more than 750 dollars.

(151) Section K109.1 is added as follows:

**K109.1 Temporary connection.** The code official shall have the authority to authorize the temporary connection of the building or system to the utility source of energy, fuel or power with conditional certificate of approval for a reasonable time to supply and use current in part of an electrical installation before such installation has been fully completed and the final certificate of approval has been issued. The part covered by the temporary certificate shall comply with all the requirements specified for temporary lighting, heat or power in the 2008 National Electrical Code (NFPA 70). Such temporary use permits are subject to discontinuance and complete revocation upon expiration, and to condemnation and revocation at any time during use.

(152) Section K111.4 is deleted.

~~**K111.4 Nonmetallic sheathed cable.** The use of Type NM, NMC and NMS (nonmetallic sheathed) cable wiring methods shall not be limited based on height, number of stories or construction type of the building or structure.~~

(153) Section K112 is added as follows:

## **SECTION K112**

## **ELECTRICAL COMMISSION**

**Section K112.1 Electrical Commission established.** In order to hear and decide appeals of orders, decisions or determinations made by the code official relative to application and interpretation of this code, there shall be and is hereby created an Electrical Commission. The Electrical Commission shall be appointed by the mayor, with the advice and consent of the city council and hold office at its pleasure. The Commission shall adopt rules of procedure for conducting business, and shall render all decisions and findings in writing to the appellant with duplicate copy to the code official.

**K112.2 Membership of commission.** The Electrical Commission shall consist of five members appointed by the mayor as follows: (3) for three (3) years and two (2) for two years. The successor to any member of the commission shall be appointed to serve the balance, if any, of his predecessor's appointed term. Otherwise, all successor members of the commission shall be appointed for three (3) year terms.

**K112.3 Qualifications.** The Electrical Commission shall consist of six individuals, one from each of the following professions or disciplines. 1) The senior electrical inspector as the ex officio chairman, 2) a registered Professional Engineer, 3) an electrical contractor, 4) a journeyman electrician, 5) a representative of an inspection bureau maintained by the fire underwriters or the Chief of the Fire Department or his appointee, 6) a representative of an electricity supply company. The chairman of the electrical commission shall be elected by the commission members.

(154) Section K112.4 is amended as follows:

**K112.4 Decisions of the Electrical Commission.** The commission shall modify or reverse the decision of the code official by a concurring vote of a majority of members present. Quorum of the commission shall be by three (3) voting members.

(155) Section K112.5 is added as follows:

### **K112.5 Duties of commission.**

1. The Electrical Commission shall recommend the following providing they are consistent with the provisions of the City of Rockford Code of Ordinances:

- a. Safe and practical standards and specifications for the installation, alteration and use of electrical equipment designed to meet the necessities and conditions that prevail in the city;
- b. Reasonable rules and regulations governing the issuance of permits by the electrical division of the Building Department;
- c. Reasonable fees to be paid for inspection of all electrical equipment installed or altered within the city.

The Electrical Commission shall also act as the board of appeals for the electrical division.

The provisions and sections of the Ordinance shall be deemed severable, and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

All orders, resolutions, or ordinances in conflict herewith are hereby repealed insofar as such conflict exists, and this Ordinance shall take effect immediately upon its passage, approval and publication as required by law.

It is hereby found that it is urgent and necessary to protect the health and safety of the public that this Ordinance be effective immediately upon passage.

A full, true and complete copy of this Ordinance shall be published within ten (10) days after passage in pamphlet form by and under authority of the Corporate Authorities.

APPROVED:

MAYOR

ATTESTED:

LEGAL DIRECTOR

PASSED: 10/25/10

APPROVED: 10/25/10

PUBLISHED: 10/25/10

ATTESTED and FILED in my office this 25th day of October, 2010, and published in pamphlet form this 25th day of October, 2010.

Legal Director and ex officio  
Keeper of the Records and Seal

Published in pamphlet form this 25th day of October, 2010, by order of the City Council of the City of Rockford, Illinois.

APPROVED BY:

Patrick Hayes, Legal Director

RECOMMENDED BY:

Jennifer Cacciapaglia, City Attorney