

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 and Ogle Counties, 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 10th day of December, 2015, there was published in pamphlet form, by authority of the City Council, a true, correct and complete copy of Ordinance No. **2015-262-O** and said resolution was so published 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 17th day of December, 2015.

[SEAL]



LEGAL DIRECTOR AND EX OFFICIO
KEEPER OF THE RECORDS AND SEAL

AH:sa

Committee report passed: 11/2/15

ORDINANCE NO. 2015-262-0

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

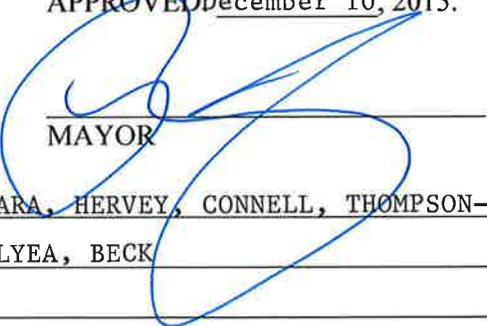
Chapter 105 of the City of Rockford Code of Ordinances, and the 2015 International Residential Code are hereby amended and modified, repealing and replacing any provision of ordinances, as attached hereto.

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All orders, resolutions, or ordinances in conflict herewith are hereby repealed insofar as such conflict exists, and this Ordinance shall take effect immediately upon its passage, approval, and publication, as required by law.

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 December 10, 2015.


MAYOR

AYES: DURKEE, GETCHIUS, MCNAMARA, HERVEY, CONNELL, THOMPSON-KELLY,
ODDO, NEWBURG, BEACH, ELYEA, BECK

NAYS: CHIARELLI

ABSENT: FROST, MCNEELY

ABSTAIN: _____

ATTESTED:



LEGAL DIRECTOR

PASSED: 12/7/15

APPROVED: 12/10/15

PUBLISHED: 12/10/15

FILED in my office this 10th day of December, 2015, and published in pamphlet form this 10th day of December, 2015 by order of the City Council of the City of Rockford, Illinois.



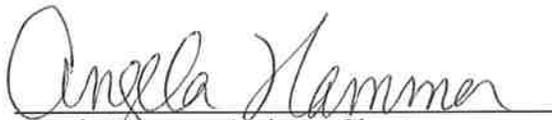
Legal Director and ex officio
Keeper of the Records and Seal

APPROVED BY:



Patrick W. Hayes, Legal Director

RECOMMENDED BY:



Angela Hammer, Assistant City Attorney

(1) Section R101.1 is amended as follows:

R101.1 Title. These regulations shall be known as the *Residential Code for One- and Two-family Dwellings* of Rockford, State of Illinois, hereinafter referred to as “this code”.

(2) Section R103.4 is added as follows:

R103.4 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 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.

(3) Section R105.2 is amended as follows:

R105.2 Work exempt from permit.

Permits shall not be required for the following. Exemption 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 other laws or ordinances of this *jurisdiction*.

Building:

1. One-story detached accessory structures including decks used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet and is not supported by another structure.
2. ~~Number 2 is deleted.~~
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the grade at bottom to the grade at top of the wall.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and concrete patios and not more than 30 inches (762 mm) above adjacent grade and not over any basement or story below.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment.
9. Awnings supported by an exterior wall and not extending into a City of Rockford right-of-way.
10. Replacement of doors and windows provided the size is not changed and a fire rating is not required.
11. 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:

1. *Listed* cord-and-plug connected temporary decorative lighting.

2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances*, apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of approved portable electrical *equipment* to *approved* permanently installed receptacles.
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 buildings electrical system and be interconnected by section R317.1.1,
 - c. electrical wiring in a hazardous condition is 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.

Gas:

1. Any portable heating *appliance*.
2. Portable ventilation appliances and equipment;
3. Portable cooling units.
4. Portable evaporative coolers.
5. The replacement of any minor part that does not alter the approval of equipment or an appliance or make equipment or appliance unsafe.
6. Self-contained refrigeration package-type equipment in which all components of the refrigeration system are located within a single enclosure without requirement for on-site assembly or piping of any kind whatsoever.

Mechanical:

1. Portable heating appliances;
2. Portable ventilation appliances and equipment;
3. Portable cooling units;
4. Steam, hot water or chilled water piping within any heating or cooling *equipment* or appliances regulated by this code;
5. The replacement of any minor part that does not alter the approval of *equipment* or an appliance or make *equipment* or *appliance* unsafe;
6. Portable evaporative coolers; and
7. Self-contained refrigeration package-type equipment in which all components of the refrigeration system are located within a single enclosure without requirement for on-site assembly or piping of any kind whatsoever.

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.
2. The clearing of stoppages, removal of fixtures or the repairing of leaks in pipes, valves or fixtures provided such repairs do not involve or require the 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.

(4) Section R105.2.2 is 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.

(5) Section R105.3.3 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.

(6) Section R105.3.4 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.

(7) Section R105.3.5 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.

(8) Section R105.7 is amended as follows:

R105.7 Placement of Permit. The permit holder shall post the *permit* in accordance with the building official's instructions on the site of the work in a conspicuous location at all times until the completion of the project and all final inspections have been made and work approved. The building official is authorized to impose a re-inspection fee when the permit is not posted. No inspection of any kind will be performed unless a building permit for the address in question is posted and visible to the inspector.

(9) Section R106.1 is amended as follows:

R106.1 Submittal documents. Submittal documents consisting of *construction documents*, and other data shall be required in two or more sets with each application for a *permit*. The *construction documents* shall be prepared by an Illinois licensed *design professional* where required by the statutes of the *jurisdiction* in which the project is to be constructed. Where special conditions exist, the *building official* is authorized to require additional *construction documents* to be prepared by an Illinois licensed *design professional*.

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

(10) Section R106.3 is amended as follows:

R106.3 Examination of documents. The *building official shall* examine or cause to be examined *construction documents* for code compliance. When construction documents are submitted for review, the requirements of Sections R106.3.1 through R106.5 shall apply to these documents. The absence of construction documents does not invalidate the application of any section in this code.

(11) Section R108.2 is deleted and replaced as follows:

R108.2 Fee Schedule. The fees for work shall be as set forth in 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 R108.5 is deleted and replaced as follows.

R108.5 Refunds. No permit fees shall be refunded.

(13) Section R108.6 is deleted and replaced as follows:

R108.6 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded prior to permit issuance, fees shall be in accordance with the Fee Schedule of the City of Rockford Code of Ordinance. No permit can be issued for any person, company or contractor until any outstanding permit fines/fees have been paid in full.

(14) R109.1 is amended as follows:

R109.1 Type of inspections. For on-site construction, from time to time the *building official*, upon notification from the *permit* holder or his agent, shall make or cause to be made any necessary inspections and shall either approve that portion of the construction as completed or shall notify the permit holder or his or her agent wherein the same fails to comply with this code. Where the phrase “shall me made” or “ shall require” is used in Sections 109.1.1, 109.1.2, 109.1.3, 109.1.4, 109.1.5 and 109.1.6 it shall mean “may be made” or “may be required”.

(15) R109.1.4 is amended as follows:

R109.1.4 Frame and masonry inspection. Inspection of framing and masonry construction shall be made after the roof, masonry, all framing, firestopping, draftstopping and bracing are in place and after the plumbing, mechanical and electrical rough inspections are *approved* and prior to covering or concealment of any of the aforementioned.

(16) Section R112. 1 is amended as follows:

R112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the *building official* relative to the application and interpretation of this code, there shall be and is hereby created a boards of appeals. The *building official* shall be an ex officio member of said boards but shall have no vote on any matter before the board. The board of appeals shall be appointed by the governing body and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *building official*.

(17) Section R112.1.1 is added as follows:

R112.1.1 Building Board of appeals. The building board of appeals shall be in accordance with section 113 and appendix B of the *International Building Code* as amended.

(18) Section R112.1.2 is added as follows:

R112.1.2 Mechanical Board. The mechanical board shall be in accordance with section 109 of the *International Mechanical Code* as amended.

(19) Section R112.1.3 is added as follows:

R112.1.3 Electrical Commission. The electrical commission shall be in accordance with Appendix K of the *International Building Code*.

(20) Sections R112.2.1 through R112.4 are deleted without substitution.

(21) Section R113.4 is amended as follows:

R113.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or erects, constructs, alters or repairs a building or structure, mechanical systems, plumbing systems or electrical systems in violation of the approved construction documents or directive of the code official, or a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law and punishable by a fine of not less than \$50.00 and not more than \$750.00. Each day of violation continues after due notice has been served shall be deemed a separate offense.

(22) Section R114.2 is amended as follows:

R114.2 Unlawful continuance. Any person who shall continue work on any building or structure, mechanical system, plumbing system or electrical system after having been served with a stop work order, except such work as that person is directed to perform or remove a violation or unsafe condition, shall be liable for a fine of not more than \$750.00.

(23) Table R301 2 (1) is deleted and replaced as follows:

TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^e	ICE BARRIER UNDERLAYMENT REQUIRED ^h	FLOOD HAZARD ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ^j
	Speed ^d (mph)	Topographic effects ^k	Special wind region ^l	Wind-borne debris zone ^m		Weathering ^a	Frost line depth ^b	Termite ^c					
30	115	NO	NO	NO	A	SEVERE	42"	MOD/ HEAVY	-4 DEG F	YES	SEE LOCAL	SEE TABLE	SEE TABLE

For St: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

- a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index, "negligible," "moderate" or "severe" for concrete as determined from Figure [R301.2\(3\)](#). The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.
- b. The frost line depth may require deeper footings than indicated in Figure [R402.1\(1\)](#). The jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.
- c. The jurisdiction shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map [Figure [R301.2\(4\)](#)]. Wind exposure category shall be determined on a site-specific basis in accordance with Section [R301.2.1.4](#).
- e. The outdoor design dry-bulb temperature shall be selected from the columns of 97 ¹/₂ -percent values for winter from Appendix [Q](#) of the *International Plumbing Code*. Deviations from the Appendix [Q](#) temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.
- f. The jurisdiction shall fill in this part of the table with the seismic design category determined from Section [R301.2.2.1](#).
- g. The jurisdiction shall fill in this part of the table with (a) the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study and (c) the panel numbers and dates of the currently effective FIRMs and FBFMs or other flood hazard map adopted by the authority having jurisdiction, as amended.
- h. In accordance with Sections [R905.1.2](#), [R905.4.3.1](#), [R905.5.3.1](#), [R905.6.3.1](#), [R905.7.3.1](#) and [R905.8.3.1](#), where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."
- i. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure [R402.3\(2\)](#), or from the 100-year (99 percent) value on the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)".
- j. The jurisdiction shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)".
- k. In accordance with Section [R301.2.1.5](#), where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall indicate "NO" in this part of the table.
- l. In accordance with Figure [R301.2\(4\)](#), where there is local historical data documenting unusual wind conditions, the jurisdiction shall fill in this part of the table with "YES" and identify any specific requirements. Otherwise, the jurisdiction shall indicate "NO" in this part of the table.
- m. In accordance with Section [R301.2.1.2.1](#), the jurisdiction shall indicate the wind-borne debris zone(s). Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

(24) Section 313 is deleted and replaced as follows:

Section R313
Automatic Fire Sprinkler Systems

R313.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in *townhouses*.

Exceptions:

1. An automatic residential fire sprinkler system shall not be required where *additions* or *alterations* are made to existing *townhouses* that do not have an automatic residential fire sprinkler system installed, unless the installation of automatic fire sprinklers is required by local municipal ordinance or ordinance of the local fire protection district.

R313.1.1 Design and Installation. Automatic residential fire sprinkler systems for *townhouses* shall be designed and installed in accordance with the current edition of The Illinois Plumbing Code and NFPA 13 D.

R 313.1.2 Other Code Requirements. All structures built without automatic fire sprinkler systems shall comply with all code requirements of the *International Residential Code* for non-sprinklered construction.

Section R313.1 shall be repealed on February 2, 2016, unless further action of City Council is taken. Sections R313.1.1 and Sections R313.1.2 shall remain in effect until further action of City Council.

R313.2 One- and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system shall not be required to be installed in one- and two-family *dwellings*, including additions and alterations to such dwellings.

Exceptions:

1. This provision shall not apply where the installation of automatic fire sprinklers is required by local municipal ordinance or ordinance of the local fire protection district.

R313.2.1 Design and Installation. Automatic residential fire sprinkler systems for one- and two-family *dwellings* shall be designed and installed in accordance with the current edition of The Illinois Plumbing Code and NFPA 13 D.

R 313.2.2 Other Code Requirements. All structures built without automatic fire sprinkler systems shall comply with all code requirements of the *International Residential Code* for non-sprinklered construction.

(25) Section R322.1.5 is amended as follows:

R322.1.5 Lowest floor. The lowest floor shall be the floor of the lowest enclosed area, including basement.

(26) Section R323.2.1 (1 and 4) amended to read as follows:

R322.2.1 Elevation requirements.

1. Buildings and structures in flood hazard areas not designated as Coastal A Zones, shall have the lowest floors elevated 12" (30.5 cm) above the design flood elevation.

4. Basement floors that are below *grade* on all sides shall be elevated 12" (30.5 cm) above the design flood elevation.

(27) Section R322.2.2 is deleted in its entirety.

R322.2.2 Enclosed area below design flood elevation.

(28) Section R403.3.5 is amended as follows:

R403.3.5 Detached garages or sheds. The code official may approve a continuous slab on ground foundations which are located where adequate subsoil drainage frost protection is provided and 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 (7.62 m) in height.
2. Slab/foundation may 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. The perimeter of the 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.
5. A minimum of 4 inches of screened and washed gravel or crushed stone under entire slab. The grade surrounding the building shall fall a minimum of 6" within the first 10'.

(29) Section R1005.1 is amended as follows:

R1005.1 Listing and clearances. Factory-built chimneys shall be *listed* and *labeled* and shall be installed and terminated in accordance with the manufacturer's installation instruction. Where, upon inspection, listing specifications are not present or visible, combustible materials within 18 inches of the chimney shall be protected with 5/8" Type X gypsum board or equivalent.

(8) Chapter 11 ENERGY EFFICIENCY is deleted and replaced as follows:

CHAPTER 11 ENERGY EFFICIENCY

Section 1101 GENERAL

1101.1 SCOPE. The provisions of the Illinois Efficient Buildings Act adopts the International Energy Conservation Code with State of Illinois amendments.

(30) Section N1101.4 (R102.1.1) is amended as follows:

N1101.4 (R102.1.1) Above code programs. Compliance shall be demonstrated by meeting the requirements of the current *International Energy Conservation Code* as mandated by the State of Illinois.

(31) Section M1201.2 is amended as follows:

M1201.2 Application. In addition to the general administration requirements of Chapter 1, the administrative provisions of this chapter shall also apply to the mechanical requirements of Chapters 12 through 24, and the Authority Having Jurisdiction (AHJ).

(32) Section M1201.3 is added as follows:

M1201.3 Licenses and permits. Mechanical licenses and permits shall be obtained in accordance with Chapter 1 and the 2015 International Mechanical Code as amended.

Exception:

1. Jurisdiction with no mechanical licensing requirements.

(33) Section M1203 is added as follows:

M1203 Heating Requirements

M1203.1 Heating Required. Heat/supply air is required in all rooms (including bathrooms).

Exception:

1. Unoccupied storage or other unoccupied spaces.

(34) Section M1401.3.1 is added as follows:

1401.3.1 Calculations Required. The permit applicant shall submit a room by room Manual J, S, and D calculations for all HVAC equipment and/or replacement prior to permit issuance.

(35) Section M1401.6 is added as follows:

M1401.6 Furnace repair. The use of furnace cement or welding for the repair of a furnace heat exchanger is prohibited.

(36) Section M1408 Vented floor furnaces is deleted.

(37) Section M1602.2 - 4. is amended as follows:

4. Return air openings for HVAC systems for all dwelling units, including manufactured and modular homes shall comply with all of the following:
(Remainder unchanged)

(38) G2414.10.1 is added as follows:

G2414.10.1 Welded connections required. All gas lines two and one half inches (2 1/2") inside diameter size or larger shall be of welded construction between the consumer's connection to the gas meter and the shut-off valve located immediately adjacent to any gas burning unit. All gas fuel lines carrying gas at one (1) P.S.I.G. or greater, shall be of welded construction between the consumer's connection to the gas meter and the shut-off valve located immediately adjacent to any gas burning unit.

(39) Section G2415.12 404.12 is amended as follows:

G2415.12 (404.12) Minimum burial depth. Underground piping systems shall be installed a minimum depth of 12 (30.5mm) inches below grade except as provided for in Section G2415.12.1. Piping systems and electrical wiring shall be separated a minimum of 12 inches horizontal when sharing the same trench. Burial depth may be less than 12 inches as provided for in Section 404.12.1.

(40) Section G2445 (621) Unvented room heaters is deleted.

(41) Section P2501.1 is amended as follows:

P2501.1 Scope. The provisions of this chapter and the Illinois Plumbing Code including local amendments shall govern the installation of plumbing. All work shall be performed by State of Illinois licensed plumbers in accordance with the Plumbing Licensing Act.

(42) Appendix E "MANUFACTURED HOUSING USED AS DWELLINGS" is added as part of this Code.

(43) Appendix F "PASSIVE RADON GAS CONTROLS" is added as part of this Code.

(44) Appendix G "PIPING STANDARDS FOR VARIOUS APPLICATIONS" is added as part of this Code.

(45) Appendix H "PATIO COVERS" is added as part of this Code.

(46) Appendix J "EXISTING BUILDINGS AND STRUCTURES" is added as part of this Code.

(47) Appendix M "HOME DAY CARE—R-3 OCCUPANCY" is added as part of this Code.