



APPENDIX OF AMENDMENTS TO THE ADOPTED BUILDING CODES

Adopted August 11, 2025

This appendix contains the adopted amendments to the 2021 International Building Code (IBC) International Residential Code (IRC) International Existing Building Code (IEBC) as applied by the City of Rock Island. All references are cross-checked against the 2021 International Code Council (ICC) editions of each code.

AMENDMENTS TO 2021 INTERNATIONAL BUILDING CODE (IBC)

101.1 TITLE. Replace [NAME OF JURISDICTION] with “City of Rock Island”

101.2 SCOPE. Add “1.” To exception and add exception: “2. Existing buildings undergoing repair, alternations, additions, or change of occupancy shall be permitted to comply with the International Existing Building Code.”

101.2.1 APPENDICES. Delete entire section and replace with:

101.2.1 APPENDICES. The following appendices are hereby adopted; appendices not named herein do not apply:

- C - Agricultural Buildings
- E - Supplementary Accessibility Requirements
- F - Rodent Proofing
- G - Flood Resistant Construction
- H - Signs
- I - Patio Covers
- J - Grading
- P - Climatic and Geographic Design Criteria, which shall read as follows:

APPENDIX P – CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA. Unless otherwise approved by the Building Official, the following minimum basic design criteria shall be used:

Roof Snow Load (ps) pounds per square foot	Wind Speed (mph)	Seismic Design Category	Subject to damage from					Flood Hazards
			Weathering	Frost Line Depth	Termite	Decay	Winter Design Temp	
(ps) = 30 psf	107	0(A)	Severe	42 in.	Moderate to Heavy	Slight to Heavy	-4° F	FIRM

101.4.3 PLUMBING. The most recent edition of the Illinois Plumbing Code shall apply to the installation, alteration, repair, relocation, addition, replacement, and maintenance of plumbing systems regulated by the Illinois Plumbing Code. The International Plumbing

Code and the International Fuel Gas Code shall apply to any plumbing and piping systems not regulated by the Illinois Plumbing Code. In addition, any structure in which a building drain is installed shall have at least one (1) vent stack carried through the roof and increased to a minimum size of Four Inches (4") at a point one foot (1') below the roof line.

103.1 CREATION OF ENFORCEMENT AGENCY. Delete entire section and replace with:

103.1 CREATION OF ENFORCEMENT AGENCY. The Inspections Division under the authority and supervision of the Building Official is responsible for enforcing the provisions of this code.

104 DUTIES AND POWERS OF THE BUILDING OFFICIAL. Delete; reserve section.

105.3.2 TIME LIMITATION OF APPLICATION. Change 180 days to 30 days.

109. FEES. Delete; reserve section.

113. MEANS OF APPEALS. Delete; reserve section.

CHAPTER 13 ENERGY EFFICIENCY. Delete entire chapter and replace with:

CHAPTER 13 ENERGY EFFICIENCY. Designers and builders are required to design and construct buildings in accordance with the current International Energy Conservation Code" adopted by the State of Illinois.

1608.2 SNOW LOADS. Delete entire section and replace with:

The ground snow loads to be used in determining the design snow loads for roofs shall be not less than $p_g = 30$ psf. ASCE 7 calculations for additional drift and surcharge loads shall use not less than $p_g = 25$ psf.

1612.3 ESTABLISHMENT OF FLOOD HAZARD AREAS. Replace [INSERT NAME OF JURISDICTION] with "City of Rock Island" and replace [INSERT DATE OF ISSUANCE] with "5 April 2010"

1809.5 FROST PROTECTION. Change "1. Extending below the frost line of the locality" to "1. Extending below the 42-inch frost line."

1809 SHALLOW FOUNDATIONS. Add a new subsection 1809.5.2 stating:

1809.5.2 CONTINUOUS PERIMETER FROST-FREE FOUNDATION. All building or portions of buildings containing mechanical installation and connected to underground utilities shall be supported on a continuous perimeter frost-free foundation to a minimum depth of 42 inches below finished grade.

1809 SHALLOW FOUNDATIONS. Add a new subsection 1809.5.3 stating:

1809.5.3 FLOATING SLABS. For group U occupancies 720 square feet or less, with no side dimension longer than 30 feet, and no wall height taller than 10 feet, and no more than 3 courses of masonry block, located on undisturbed soil, may be constructed with a floating slab. This slab shall be a minimum of 4 inches thick, air-entrained concrete having a minimum compressive strength at 28 days of not less than 3,000 pounds per square inch, reinforced with a 21-pound wire mesh, and having a 12-inch thick by 12-inch wide perimeter reinforced with no less than two number 4 reinforcement bars. This slab shall be continuously poured with no cold joints.

TABLE 1809.7. PRESCRIPTIVE FOOTINGS FOR LIGHT FRAME CONSTRUCTION. Delete entire Table 1809.7 and replace with:

Number of Floors Supported by the Foundation	Minimum Thickness of Foundation Wall		Minimum Width of Footing (inches)	Minimum Thickness of Footing (inches)	Footings subject to frost Min. Depth below undisturbed ground (inches)	Footings not subject to frost Min. Depth below undisturbed ground (inches)
	Concrete (inches)	Unit Masonry (inches)				
1	8	8	16	8	42	12
2	8	8	16	8	42	18
3	10	12	18	12	42	24

(Application note: Only the table proper is replaced. Existing title and notes remain.)

AMENDMENTS TO 2021 INTERNATIONAL RESIDENTIAL CODE (IRC)

R101.1 TITLE. Replace [NAME OF JURISDICTION] with "City of Rock Island."

R101.2 SCOPE. Add "1." to published exception. Add exception: "2. The most recent edition of the Illinois Plumbing Code shall apply to the installation, alteration, repair, relocation, addition, replacement, and maintenance of plumbing systems as stipulated by the Illinois Plumbing Code. The provisions of the International Residential Code shall apply to all plumbing and piping systems not covered by the Illinois Plumbing Code." In addition, ANY structure in which a building drain is installed shall have at least one (1) vent stack carried through the roof and increased to a minimum size of Four Inches (4") at a point one foot (1') below the roof line.

R102.5 APPENDICES. Delete entire section and replace with:

R102.5 APPENDICES. The following appendices are hereby adopted. Appendices not named herein do not apply.

- AB - Sizing of venting serving appliances with draft hoods
- AC - Exit terminals of mechanical draft and direct-vent venting systems
- AD - Safety procedures for safety inspections of an exist appliance install
- AE - Manufactured housing as dwelling
- AF - Radon control methods
- AH - Patio covers
- AI - Private sewage
- AJ - Existing buildings and structures
- AQ - Tiny houses
- AW - 3D printed houses
- AM - Home day care-R-3 occupancy

R103 DEPARTMENT OF BUILDING SAFETY. Change “Department of Building Safety” to “Inspections Division.”

R103.1 CREATION OF ENFORCEMENT AGENCY. Delete entire section and replace with:

R103.1 ENFORCEMENT AGENCY. The Inspections Division under the authority and supervision of the Building Official is responsible for enforcing the provisions of this code.

R103 DEPARTMENT OF BUILDING SAFETY. Delete; reserve section.

R104 DUTIES AND POWERS OF THE BUILDING OFFICIAL. Delete; reserve section.

105.3.2 TIME LIMITATION OF APPLICATION. Change 180 days to 30 days.

R108 FEES. Delete; reserve section.

R109 BOARD OF APPEALS. Delete; reserve section.

R112 BOARD OF APPEALS. Delete; reserve section.

TABLE R301.2 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA. Delete entire Table R301.2 and replace with:

Roof Snow Load (ps) pounds per square foot	Wind Speed (mph)	Seismic Design Category	Subject to damage from					Flood Hazards
			Weathering	Frost Line Depth	Termite	Decay	Winter Design Temp	
(ps) = 30 psf	107	0(A)	Severe	42 in.	Moderate to Heavy	Slight to Heavy	-4° F	FIRM

R313.2 ONE- AND TWO-FAMILY DWELLING AUTOMATIC SPRINKLER SYSTEMS. Delete; reserve section.

R314.3 LOCATION. Add a new subsection R314.2.2 stating:

R314.2.2 ALTERATIONS, REPAIRS AND ADDITIONS. When interior alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be provided with smoke alarms located as required for new dwellings; the smoke alarms shall be interconnected and hard wired.

R314.2.2 ALTERATIONS, REPAIRS, AND ADDITIONS. Add the following as a third exception in the subsection:

Smoke alarms in existing areas shall not be required to be interconnected and hard wired where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure.

R403 FOOTINGS. Delete Tables R403.1(1)–R403.1(3), and R403.4; reserve and see next amendment.

R404 FOUNDATION AND RETAINING WALLS. Delete Tables R404.1.1(1), R404.1.1(2), R404.1.1(3), R404.1.1(4), R404.1.2(2), R404.1.2(3), R404.1.2(4), R404.1.2(5), R404.1.1.2(6), R404.1.2(7), R404.1.2(8) and R404.1.2(9) and all references thereto. Replace them with the following Table R403.1 and notes:

Number of Floors Supported by the Foundation	Minimum Thickness of Foundation Wall		Minimum Width of Footing (inches)	Minimum Thickness of Footing (inches)	Footings subject to frost Min. Depth below undisturbed ground (inches)	Footings not subject to frost Min. Depth below undisturbed ground (inches)
	Concrete (inches)	Unit Masonry (inches)				
1	8	8	16	8	42	12
2	8	8	16	8	42	18
3	10	12	18	12	42	24

Notes:

1. Foundations may support a roof in addition to the stipulated number of floors. Foundations' supporting roofs only shall be as required for supporting one floor. Footings shall contain a minimum of two number 4 reinforcement bars, and have a minimum compressive strength of 2,500 pounds per square inch at 28 days.
2. A one-story detached wood frame building used for a private garage and accessory to a single-family residential use and not exceeding 720 square feet in

floor area, with no side dimension longer than 30 feet, and no wall height taller than 10 feet, and no more than 3 courses of masonry block, located on undisturbed soil, may be constructed with a floating slab. This slab shall be a minimum of 4 inches thick, air-entrained concrete having a minimum compressive strength at 28 days of not less than 3,000 pounds per square inch, reinforced with a 21-pound wire mesh, and having a 12-inch thick by 12-inch wide perimeter reinforced with no less than two number 4 reinforcement bars shall be installed within the perimeter beam. This slab shall be continuously poured with no cold joints.

3. Buildings and portions of buildings containing mechanical installations and connected to underground utilities shall be supported on a continuous, frost-free foundation capable of resisting the movement of the slab-on-grade.
4. Cast-in-place concrete foundation walls shall be air-entrained concrete with a minimum compressive strength of 28 days of not less than 3,000 pounds per square inch.
5. Foundation walls shall be a minimum of 7½ inches thick with no less than three number 4 reinforcement bars placed horizontally at the center of the wall, with one bar located near the top, one bar located near the mid-height, and one bar located near the bottom.

R403. Add a new section R403.1.1.1 stating:

R403.1.1.1 FOOTING REQUIREMENTS FOR UNCOVERED DECKS. All decks shall have a minimum footing size of 12 inches in diameter with 42 inches in depth.

R403. Add a new section R403.1.1.2 stating:

R403.1.2 FOOTING REQUIREMENTS FOR COVERED DECKS AND ROOM ADDITIONS. All elevated and covered decks, screened rooms, three and four-season rooms, and room additions shall comply with one of the following footing types:

1. Pier footings were designed by a licensed design professional and submitted with stamped and signed plans or 24-inch diameter or 42-inches deep pier footing as approved by Building Official.
2. 12-inch wide by 42-inch deep trench footing with 2 number 4 rebar horizontally, one top and one bottom with minimum 3 inches of concrete coverage.
3. Spread footing sized with reinforcement per Table R403.1 with a minimum 8-inch masonry or concrete foundation wall.

R403.1.4.1 FROST PROTECTION. Change exception 1 to exclude detached garages and replace “600 square feet” with “720 square feet.”

R402.1.6 FOUNDATION ANCHORAGE. Add:

Wood sill plates and wood walls supported directly on continuous foundations shall be anchored to the foundation in accordance with this section. Wood sole plates shall not be encased or embedded in concrete.

R404.1.3 CONCRETE FOUNDATION WALLS. Change:

Concreted foundation walls that support light-frame walls shall be designed and constructed in accordance with the provisions of this section. ACI318, ACI 332, or PCA 100, or a method that meets standard practice for the jurisdiction pre-approved by the Building Official.

R407.1 WOOD COLUMN PROTECTION. Change:

Wood columns shall be protected against decay as set forth in Section R317, and shall not be encased or embedded in concrete.

TABLE R503.2.1.1(1). Delete the first three rows in the table and remove all references for the use of 3/8" sheathing for floor or roof construction.

R507.1. Add:

...or a method that meets standard practice for the jurisdiction pre-approved by the current Building Official.

R507.3.1 MINIMUM SIZE. Add at the end of the sentence:

...but not less than 12 inches in diameter.

F507.3.2 MINIMUM DEPTH. Change:

Deck footing shall be placed not less than 42 inches and 12 inches in diameter (1067 305mm) below the undisturbed ground surface.

TABLE 507.4. Delete and replace with:

Deck Wood Post Height				
Deck Post Size	4 X 4	4 X 6	6 X 6	8 X 8
Maximum height	6'	8'	12'	14'

Notes:

1. Measured from the underside of the beam to the top of the footing or pier.
2. No. 2 grade, wet service factor included.
3. All other alternatives are to be designed by an Illinois-licensed design professional.

R322 FLOOD-RESISTANT CONSTRUCTION. Delete text in its entirety and add:

See the City of Rock Island Code of Ordinances Chapter 11 Planning and Redevelopment, Article IV Flood Hazards.

N1101.1 SCOPE. Delete all text of Chapter 11 after the text of section N1101.1 and replace it with:

N1101.2 COMPLIANCE. Compliance shall be demonstrated by meeting the requirements of the Illinois Energy Conservation Code.

P2603.5.1 SEWER DEPTH. Replace [NUMBER] with "42" in both locations.

PART VIII ELECTRICAL, CHAPTERS 34- 43. Delete and reserve.

E3406.3 MINIMUM SIZE OF CONDUCTORS. Change 14 AWG Copper to 12 AWG Copper. Change 12 AWG Aluminum to 10 AWG Aluminum. Add:

In all instances where this code or the NFPA70 references 14 AWG Copper, 12 AWG Copper shall apply. In ALL instances, where this code or the NFPA70 references 12 AWG Aluminum to 10 AWG Aluminum shall apply.

APPENDICES. The following appendices are hereby adopted. Appendices not named herein do not apply.

- A - Sizing and Capacities of Piping
- B - Sizing of venting systems serving appliances equipped with draft hoods, Category 1 appliances, and appliances listed for type B vents
- C - Exit terminals of mechanical draft and direct-vent venting systems
- D - Recommended Procedure for inspection of an existing appliance installation
- E - Manufactured housing used as a dwelling
- F - Passive Radon Gas Control with the following amendments:

AF103.2.2. Delete second sentence: "Sumps used as the suction point in a sub slab depressurization system shall have a lid designed to accommodate the vent pipe."

AF103.4.3. In the third sentence delete "the roof" and insert "above the highest eave of the house".

AF103.5 DRAIN TILE AND SUMP USED FOR DEPRESSURIZATION. Replace all text with:

As an alternative to inserting a vent pipe into a "T" fitting, a vent pipe shall be permitted to be inserted directly into an interior perimeter drain tile loop.

AF103.6.2 MULTIPLE VENT PIPES. Replace the last sentence with:

Vent pipes shall connect to a single-vent that terminates at least 12" above the highest eave of the house or each individual vent pipe shall terminate separately at least 12" above the highest eave of the house.

AMENDMENTS TO THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

The current edition of the Illinois Energy Conservation Code, as adopted and amended by the State of Illinois, shall be enforced within the jurisdiction of the City of Rock Island. This requirement applies to all buildings and structures regulated by the IECC and as incorporated through Chapter 13 of the 2021 International Building Code and Chapter 11 (N1101) of the 2021 International Residential Code.

C101.1 TITLE. Replace "[NAME OF JURISDICTION]" with "City of Rock Island."

C107 VALIDITY. Delete and reserve.

C109 STOP WORK ORDER. Delete and reserve.

R107 VALIDITY. Delete and Reserve.

R109 STOP WORK ORDER. Delete and reserve.

R101.1 TITLE. Replace "[NAME OF JURISDICTION]" with "City of Rock Island."

N1101.2 COMPLIANCE. Replace with:

Compliance shall be demonstrated by meeting the requirements of the Illinois Energy Conservation Code.

AMENDMENTS TO THE 2021 INTERNATIONAL HOUSING AND PROPERTY MAINTENANCE CODE

101.1 TITLE. Replace "[NAME OF JURISDICTION]" with "City of Rock Island".

111 MEANS OF APPEAL. Delete and reserve.

111.1.3 STRUCTURE UNFIT FOR HUMAN OCCUPANCY. Add the follow sentence.

A structure shall also be considered unfit for human occupancy if municipal water and sewer service is not connected and in working order at the premises.

302.2 GRADING AND DRAINAGE. Add:

All structures shall have functional gutters and downspouts with kickouts directing rain water away from the foundation.

302.4 WEEDS. Replace “[JURISDICTION TO INSERT HEIGHT IN INCHES]” with:

...ten inches (10”) in height. Such vegetation in excess of that height shall be declared a nuisance.

304.14 INSECT SCREENS. Replace “[DATE]” and “[DATE]” with “April 1” and November 1” respectively.

602.3 HEAT SUPPLY. Replace “[DATE]” and “[DATE]” with “October 1” and May 15” respectively.

602.4 OCCUPIABLE WORK SPACES. Replace “[DATE]” and “[DATE]” with “October 1” and May 15” respectively.

603.1 MECHANICAL EQUIPMENT AND APPLIANCES. Add the following new subsections.

603.1.1 ANNUAL CARBON MONOXIDE TESTING. Property owners are required to have annual carbon monoxide (CO) tests of furnaces performed for all fuel-burning furnaces ten (10) years old or older as well as any fuel-burning furnace that has been inoperative for one (1) year or longer. Tests must be conducted by a certified and registered mechanical contractor. A copy of the successful test results shall be provided to the Building Official or designee within thirty (30) days. Failed tests must be reported immediately. If a carbon monoxide detector is installed within ten feet (10”) of a furnace it shall meet the intent of this requirement and provide an exemption to the testing requirement.

603.1.2 CARBON MONOXIDE ALARM REQUIREMENTS. Every dwelling unit must have at least one approved carbon monoxide (CO) alarm in operating condition. Such alarms shall be located within fifteen feet (15’) of every room used for sleeping. Combination smoke/CO detectors are allowed only if the device provides distinct alarm tones. In multi-unit structures, each unit must comply individually. Additionally, the following applies:

Battery-only detectors are allowed if:

- No construction is ongoing.
- No commercial power source is available.
- The area is not exposed (i.e., no attic, basement, or crawl space access without removal of finishes).

CO alarms are not required if:

- The unit does not use fossil fuels for heat or hot water.

- The unit is not connected to a garage.
- The unit is not adjacent to any carbon monoxide source.

605.2 RECEPTACLES. Replace with:

Every habitable space shall contain at least two separate and remote receptacle outlets. Each laundry area shall contain at least one GFCI-protected receptacle. Each bathroom shall have at least one receptacle, which shall be GFCI-protected. All kitchen countertop receptacles within 6 feet of a sink or exposed pipe shall be GFCI-protected.

606.1 GENERAL. Replace with:

Elevators, dumbwaiters, and escalators shall be maintained and certified in compliance with State of Illinois statutes and regulations.

AMENDMENTS TO 2021 INTERNATIONAL MECHANICAL CODE (IMC)

101.1 TITLE. Replace [NAME OF JURISDICTION] with “City of Rock Island”

103 CODE COMPLAINECE AGENCY. Delete and reserve.

104 DUTIES AND POWERS OF THE CODE OFFICIAL. Delete and reserve.

109 FEES. Delete and reserve.

AMENDMENTS TO 2021 INTERNATIONAL FUEL GAS CODE (IFGC)

101.1 TITLE. Replace “[NAME OF JURISDICTION]” with “City of Rock Island”

103 CODE COMPLIANCE AGENCY. Delete and reserve.

104 DUTIES AND POWERS OF THE CODE OFFICIAL. Delete and reserve.

109 FEES. Delete and reserve.

608 VENTED WALL FURNACES. Delete section; not allowed.

609 FLOOR FURNACES. Delete section; not allowed.

APPENDIX A. Adopted by this reference.

AMENDMENTS TO THE INTERNATIONAL PLUMBING CODE (IPC)

The most recent edition of the Illinois Plumbing Code shall apply to the installation, alteration, repair, relocation, addition, replacement, and maintenance of plumbing



systems regulated by the Illinois Plumbing Code. The 2021 International Plumbing Code and the 2021 International Fuel Gas Code shall apply to any plumbing and piping systems not regulated by the Illinois Plumbing Code.

Any and all structures in which a building drain is installed shall have at least one (1) vent stack carried through the roof and increased to a minimum size of four inches (4") at a point one foot (1') below the roof line.

101.1 TITLE. Replace "[NAME OF JURISDICTION]" with "City of Rock Island"

103 CODE COMPLIANCE AGENCY. Delete and reserve.

104 DUTIES AND POWERS OF THE CODE OFFICIAL. Delete and reserve.

305.4.1 SEWER DEPTH. Replace "[NUMBER]" with "42" in both locations.