



ILLOWA Chapter of INTERNATIONAL CODE COUNCIL

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Recommended Changes to the 2009 International Residential Code

R105.2 Work exempt from permit.

Change (1) 120 square feet

Delete (10)

R108.6 Work commencing before permit issuance.

Change

Any person who commences work requiring a permit on a building, structure, electrical, gas, mechanical, or plumbing system before obtaining the necessary permit shall be subject to a penalty fee equal to the permit fee for the entire project.

Table R301.2(1)

Climatic and Geographic Criteria

Ground Snow Load	Wind Design		Seismic Design Category ^f	Subject to Damage From		
	Speed ^d (mph)	Topographic Effects ^k		Weathering ^a	Frost line depth ^b	Termite ^c
$p_s = 30$ psf, except that calculations for additional drift loads shall use a ground snow load $p_g = 25$ psf	90	YES	A	SEVERE	42"	Moderate to Heavy

Winter Design Temp ^e	Ice Barrier Underlayment Required ^h	Flood Hazards ^g	Air Freezing Index ⁱ	Mean Annual Temp ^j
-4° F	YES	Jurisdiction specific	2000	50.5° F

R 302.2 Townhouses

Change

Exception: first sentence to read:

A common 2-hour fire resistance-rated assembly tested in accordance with ASTM E119 or UL263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the common wall.

R305 Ceiling height

Add

Exception 3.

Ceilings may have projections to within 6 feet 6 inches of the finished floor for a area not to exceed 50% of the room in which the projection is in.

R310.2.1 Ladders and steps

Add

Steps shall have a minimum width of 12 inches, a minimum tread depth of 5 inches, and a maximum riser height of 24 inches.

R315.1 Carbon monoxide alarms

Change

For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area within 15 feet of the door to the bedroom in dwelling units within which fuel-fired appliances are installed and in dwelling units that have an attached garage.

R403 footings

Delete table R403.1, and replace with the following table 403.1

# of floors	Wall Thickness Concrete	Wall Thickness Masonry	Width of footing	Thickness of footing	Depth of footing
1	8"	8"	16"	8"	42"
2	8"	8"	16"	8"	42"
3	10"	12"	18"	12"	42"

R403.1 **Change**

The third sentence to read:

Spread footings shall be at least 8 inches (200 mm) in thickness)

R403.3 Frost protect shallow footings

Change:

The second paragraph first sentence to read:

Foundations protected from frost in accordance with figure R403.3(1) and table R403.3(1) shall not be used for spaces such as porches, utility rooms, garages and carports, and shall not be attached to basements or crawl spaces that are not maintained at a minimum mean temperature of 64 f (18c)

R404 foundations

Add new section

R404.1.3.1 Minimum reinforcing requirements

Add Figures 404.1.3.1(A), 404.1.3.1(B)

Add new section

404.1.3.2

Footings requirements for decks without roof support.

Decks

All deck shall have a minimum footing size of 12 inches in diameter and 42 inches in depth.

Add new section

404.1.3.3

Footing requirements for covered decks and room additions

All covered decks, screened porches; three season rooms, four season rooms, shall have one of the following

1. Pier footings designed by a design professional.
2. 12 inch wide trench footing 42 inches in depth.
3. Spread footings 42 inches in depth with a minimum 8 inch masonry wall or concrete foundation wall.

Appendices

Adopt as noted;

A-ok

B-ok

C-ok

D-ok

E-ok

F-ok

G-ok

H-ok

I- Not adopted (local health departments)

J-ok

K-ok

L-Not adopted (local jurisdiction)

M-ok

N-ok Iowa/not adopted Illinois (state plumbing code)

O- Not adopted (local health departments)

P-Not adopted

Q-ok