

Recommended Changes to the 2012 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

R305 Ceiling height

Add

Exception 3.

Ceilings may have projections to within 6 feet 6 inches of the finished floor for a width of no more than 48 inches.

R313.2 One- and two-family dwellings automatic fire systems.

Add

Exception 2.

An automatic residential fire sprinkler system shall not be required when the requirements of Section R501.3 are met and the under-stair surface and any soffits are protected with ½ gypsum board.

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.

Table R403.1 Minimum of Concrete, Precast or Masonry Footings (inches)^{a,b}

Add footnote b apply to whole table

b. Minimum rebar required #4 @ 8 inches on center.

R403.1.1 **Change**

The third sentence to read:

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

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

R404.1.3.2 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

R404.1.3.3 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.

Delete

Section R905.2.8.3

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