

2015 International Residential Code IRC Laminated Quick Card

2015 IRC
QUICK-CARD

INTERNATIONAL RESIDENTIAL CODE IRC
ADOPTED ON 2015 IRC

Builder's Book, Inc.
800-273-7373 • 1-800-887-7828

FOOTINGS

TERMS ALERT:

- **Footings:** A foundation support, a footing can be a single beam, a slab, or a combination of the two. The footing is the part of the foundation that is in contact with the soil. Footings can be made of concrete or masonry.
- **Low Loads:** Loads produced by the use of a building or structure.
- **Wind Loads:** Loads produced by the wind, including wind pressure on walls, roofs, eaves, and overhangs.
- **Dead Loads:** Loads produced during construction by workers, equipment, and materials.

FOOTINGS - FINISH:

- All footings must be supported on undisturbed earth, rock, or concrete masonry footing, concrete block, masonry, or other approved material.
- **Footings must:**
 - be cast on a level surface.
 - be cast on a level surface.
 - be cast on a level surface.

FOOTINGS - SLOPE:

- The bottom surface of footings must be on a slope of 1 horizontal to 4 vertical.
- Footings must be cast on a level surface.
- Footings must be cast on a level surface.

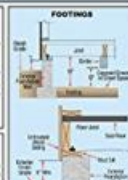
FOOTINGS - DIMENSIONS:

Minimum Size of concrete and masonry footings. See Table 1803.1.1.

Footings must be cast on a level surface.

Minimum width and thickness for concrete footings. See Table 1803.1.1.

Minimum width and thickness for masonry footings. See Table 1803.1.1.



FOOTINGS - FOUNDATION ANCHORAGE:

Footings must be anchored to the foundation.

Footings must be anchored to the foundation.

Footings must be anchored to the foundation.

FOOTINGS - MIN. DEPTH:


Footings must be cast on a level surface.

Footings must be cast on a level surface.

CONCRETE:

Concrete must be cast on a level surface.

Concrete must be cast on a level surface.



MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE:

MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE (psi)	MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE (MPa)
3,000	20.7
3,500	24.1
4,000	27.6
4,500	31.0
5,000	34.5
5,500	37.9
6,000	41.4
6,500	44.8
7,000	48.3
7,500	51.7
8,000	55.2
8,500	58.6
9,000	62.1
9,500	65.5
10,000	68.9
10,500	72.4
11,000	75.8
11,500	79.3
12,000	82.7
12,500	86.1
13,000	89.6
13,500	93.0
14,000	96.5
14,500	100.0
15,000	103.4
15,500	106.9
16,000	110.3
16,500	113.8
17,000	117.2
17,500	120.7
18,000	124.1
18,500	127.6
19,000	131.0
19,500	134.5
20,000	137.9
20,500	141.4
21,000	144.8
21,500	148.3
22,000	151.7
22,500	155.2
23,000	158.6
23,500	162.1
24,000	165.5
24,500	169.0
25,000	172.4
25,500	175.9
26,000	179.3
26,500	182.8
27,000	186.2
27,500	189.7
28,000	193.1
28,500	196.6
29,000	200.0
29,500	203.5
30,000	206.9
30,500	210.4
31,000	213.8
31,500	217.3
32,000	220.7
32,500	224.2
33,000	227.6
33,500	231.1
34,000	234.5
34,500	238.0
35,000	241.4
35,500	244.9
36,000	248.3
36,500	251.8
37,000	255.2
37,500	258.7
38,000	262.1
38,500	265.6
39,000	269.0
39,500	272.5
40,000	275.9
40,500	279.4
41,000	282.8
41,500	286.3
42,000	289.7
42,500	293.2
43,000	296.6
43,500	300.1
44,000	303.5
44,500	307.0
45,000	310.4
45,500	313.9
46,000	317.3
46,500	320.8
47,000	324.2
47,500	327.7
48,000	331.1
48,500	334.6
49,000	338.0
49,500	341.5
50,000	344.9

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48,000	331.1
48,500	334.5
49,000	338.0
49,500	341.4
50,000	344.9

FLOOR FRAMING

TERMS ALERT:

- **Joists:** A horizontal support, a joist can be a single beam, a slab, or a combination of the two. The joist is the part of the floor framing that is in contact with the soil.
- **Low Loads:** Loads produced by the use of a building or structure.
- **Wind Loads:** Loads produced by the wind, including wind pressure on walls, roofs, eaves, and overhangs.
- **Dead Loads:** Loads produced during construction by workers, equipment, and materials.

JOISTS UNDER BEARING PARTITIONS:

- Joists under bearing partitions must be supported by a wall or foundation.
- Joists under bearing partitions must be supported by a wall or foundation.
- Joists under bearing partitions must be supported by a wall or foundation.

BEARING:

- Joists must be supported by a wall or foundation.
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- Joists must be supported by a wall or foundation.

FLOOR ASSEMBLIES:

- Floor assemblies must be installed with a minimum of 1/2" of insulation.
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CUTTING, DRILLING & NOTCHING:

- Notches or holes in joists, rafters, and beams must be cut in a specific manner.
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Filesize: 4.18 MB

Reviews

A must buy book if you need to adding benefit. We have study and so i am sure that i am going to likely to study once again again in the foreseeable future. I realized this book from my i and dad encouraged this ebook to discover.
 (Duane Fadel)

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