

2006 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 6th PRINTING (Posted 07-25-2011)

INDEX

JOINTS, PIPE

Slip.....~~P3003.3.7~~ P2704.1

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(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated September 12, 2006)

CHAPTER 1 ADMINISTRATION

~~**R109.1.5.2 Reinforced masonry, insulating concrete form (ICF) and conventionally formed concrete wall inspection.** Reinforced masonry walls, insulating concrete form (ICF) walls and conventionally formed concrete walls located in Seismic Design Categories D0, D1, D2 and E shall be inspected after the plumbing, mechanical and electric systems embedded within the walls, and reinforcing steel are in place and prior to the placement of grout or concrete. Inspection shall verify the correct size, location, spacing, and lapping of reinforcing. For masonry walls, inspection shall also verify that the location of grout cleanouts and size of grout spaces comply with the requirements of this code.~~

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(Portions of text and tables not shown are unaffected by the errata)

1st through 6th PRINTING (Posted 06-06-2012)

CHAPTER 3 BUILDING PLANNING

R301.2.2.3.2 Masonry construction. Masonry construction shall comply with the requirements of Section ~~606.11.2.~~ 12.2

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(Portions of text and tables not shown are unaffected by the errata)

1st through 6th PRINTING (Posted: 11-29-2011)

CHAPTER 3 BUILDING PLANNING

Figure R301.2(5) corrections as follows:

1. At the center of the State of North Dakota, the ground snow load shown as 36 should read 35.
2. At the State of Pennsylvania, the elevation shown as 700 (2 places) should read 1700.

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1 st through 4 th PRINTING (June 24, 2011)
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Chapter 3

BUILDING PLANNING

R314.5.4 Crawl spaces....where crawl space access is required by Section R408.~~34~~ and where entry....

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(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated 07-25-2007)

CHAPTER 3 BUILDING PLANNING

R301.2.1.2 Protection of openings. (No change to charging statement)

Exception: Wood structural panels with a minimum of 7/16 inch (11 mm) and a maximum span of 8 feet (2438 mm) shall be permitted for opening protection in one- and two-story buildings. Panels shall be precut so that they shall be attached to the framing surrounding the opening containing the product with the glazed opening. Panels shall be secured with the attachment hardware provided. Attachments shall be designed to resist the component and cladding loads determined in accordance with ~~either Table R301.2(2) or Section 1609.6.5 of the International Building Code.~~ (Remainder of exception unchanged)

R301.2.2.1.1 Alternate determination of seismic design category. The Seismic Design Categories and corresponding Short Period Design Categories and corresponding Short Period Design Spectral Response Accelerations, S_{DS} shown in Figure R301.2(2) are based on soil Site Class D, as defined in ~~Section 1615.1.1~~ Section 1613.5.2 of the *International Building Code*. If soil conditions are other than Site class D, the Short Period Design Spectral Response Acceleration, S_{DS} for a site can be determined according to ~~Section 1615.1~~ Section 1613.5 of the *International Building Code*. The value of S_{DS} determined according to ~~Section 1615.1~~ Section 1613.5 of the *International Building Code* is permitted... (Remainder of section unchanged)

R314.7 Termite damage. The use of foam plastics in areas of “very heavy” termite infestation probability shall be in accordance with Section ~~R320.4~~ R320.5.

R324.1.7 Flood-resistant materials. (No change to charging statement and item #1)

2. Materials and installation methods used for flooring and interior and exterior walls and wall coverings shall conform to the provisions of FEMA/FIA-TB-2.

R324.2 Flood hazard areas (including A Zones). ... All buildings and structures constructed in whole or in part in flood hazard areas shall be designed and constructed in accordance with Sections R324.2.1 ~~and through~~ R324.2.3.

R324.3 Coastal high-hazard areas (including V Zones) ... Buildings and structures constructed in whole or in part in coastal high-hazard areas shall be ~~designated~~ designed and constructed in accordance with Sections R324.3.1 through R324.3.6.

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FIRST PRINTING (Updated 09-12-2006)

CHAPTER 3 BUILDING PLANNING

Table R302.1 Exterior Walls

Exterior Wall Element		Minimum Fire-resistance rating	Minimum Fire Separation Distance
Projections	(Fire-resistance rated)	1 hour on the underside	4-2 feet
	(Not fire-resistance rated)	0 hours	5 feet

R314.3 Surface burning characteristics. ... shall have a flame-spread index of not more than 75 and shall have a smoke-developed index or not more than 450 when tested in the maximum thickness ~~of 4 inches, provided the end use is approved in accordance with Section R314.6 using the thickness and density intended for use intended for use in accordance with ASTM E84. Loose-fill type foam plastic insulation shall be tested as board stock for the flame spread index and smoke-developed index.~~

(Exception unchanged)

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FIRST PRINTING (Posted 09-12-2006)

CHAPTER 5 FLOORS

Table R503.2.1(1)

ALLOWABLE SPANS AND LOADS FOR WOOD STRUCTURAL PANELS FOR ROOF AND SUBFLOOR SHEATHING AND COMBINATION SUBFLOOR UNDERLAYMENT

SPAN RATING	ALLOWABLE LIVE LOAD		(Remainder of Table unchanged)
	SPAN @ 16" o.c.	SPAN @ 24" o.c.	
40/20	305	30 130	

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FIRST PRINTING (Posted 09-12-2006)

CHAPTER 6 WALL CONSTRUCTION

**Table R602.10.1
WALL BRACING**

SEISMIC DESIGN CATEGORY OR WIND SPEED	CONDITION	TYPE OF BRACE	AMOUNT OF BRACING
Category C ($S_S \leq 0.6g$ and $S_{dS} \leq 0.50g$) or less than 110 mph	One story Top of two or three story	Method 1, 2, 3, 4, 5, 6, 7 or 8	<p>Located in accordance with Section R602.10 and at least every 25 feet on center but not less than 30% of braced wall line for Method 3 or 45% of braced wall line for Methods 2, 4, 5, 6, 7 or 8.</p> <p><u>Located in accordance with Section R602.10 and at least every 25 feet on center but not less than 16% of braced wall line for Method 3 or 25% of braced wall line for Methods 2, 4, 5, 6, 7 or 8.</u></p>
	First story of two story Second story of three story	Method 2, 3, 4, 5, 6, 7 or 8	<p>Located in accordance with Section R602.10 and at least every 25 feet on center but not less than 16% of braced wall line for Method 3 or 25% of braced wall line for Methods 2, 4, 5, 6, 7 or 8.</p> <p><u>Located in accordance with Section R602.10 and at least every 25 feet on center but not less than 30% of braced wall line for Method 3 or 45% of braced wall line for Methods 2, 4, 5, 6, 7 or 8.</u></p>

(Remainder of the Table is unchanged)

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(Portions of text and tables not shown are affected by the errata)

1st through 8th PRINTING (Posted: 09-26-13)

CHAPTER 7 WALL COVERING

Figure
703.2.2

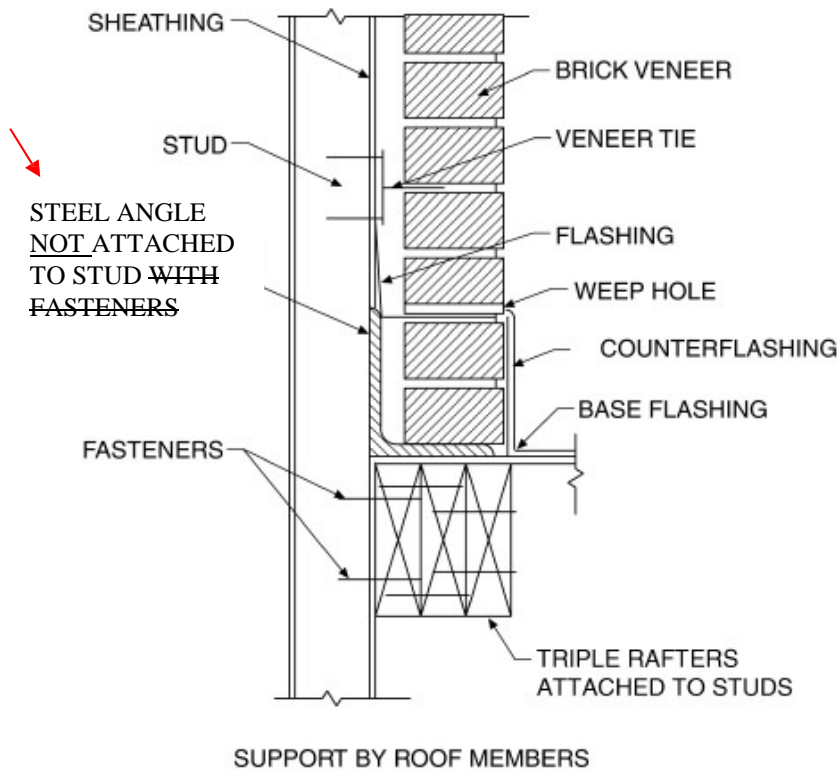


FIGURE R703.7.2.2
EXTERIOR MASONRY VENEER SUPPORT BY ROOF MEMBERS

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(Portions of text and tables not shown are unaffected by the errata)

1st through 6th PRINTING (Posted 06-06-2012)

CHAPTER 8 ROOF-CEILING CONSTRUCTION

TABLE 804.3.1(1) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(2) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(3) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(4) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(5) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(6) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(7) Last row, first column....1000S162-97 should be 1200S162-97

TABLE 804.3.1(8) Last row, first column....1000S162-97 should be 1200S162-97

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FIRST PRINTING (Posted 09-12-2006)

CHAPTER 9 ROOF ASSEMBLIES

R905.4.3 Underlayment. Underlayment shall comply with ASTM D 226, Type I or ASTM D 4869, Type I or II.

R905.5.3 Underlayment. Underlayment shall comply with ASTM D 226, Type I or ASTM D 4869, Type I or II.

R905.6.3 Underlayment. Underlayment shall comply with ASTM D 226, Type I or ASTM D 4869, Type I or II.

R905.7.3 Underlayment. Underlayment shall comply with ASTM D 226, Type I or ASTM D 4869, Type I or II.

R905.8.3 Underlayment. Underlayment shall comply with ASTM D 226, Type I or ASTM D 4869, Type I or II.

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(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Posted 01-03-2008)

Note that these errata are based on the first printing of the code and may have been corrected in later printings.

CHAPTER 24

- 1) In Table G2453.1, the last entry in the 6 foot chimney height row (first entry in 64 sq. inch column) should read 80,000 instead of 8,000.
- 2) The metric conversions in Sections G2428.3.4 and G2428.3.5 should be (18mm per mm) instead of (457mm per mm).
- 3) Add the following sentence to the end of the exception to Section G2420.5; "Piping from the shutoff valve to within 3 feet (914mm) of the appliance connection shall be sized in accordance with Section G2413."
- 4) Add the following sentence to the end of Section G2439.5.1; "The maximum length of the exhaust duct does not include the transition duct."
- 5) Section G2427.7.12 should reference Section G2427.6.10 instead of G2427.6.11.
- 6) Delete Section G2427.6.3 and renumber subsequent sections G2427.6.4 through G2427.6.11 and Figure G2427.6.4 accordingly.
- 7) Section G2427.10.2 should reference Sections G2427.10.2.1 through G2427.10.4.
- 8) Delete the exception in Sections G2428.2.9 and G2428.3.16.
- 9) Delete the definition of "CONNECTOR" in Section G2403.
- 10) Section G2451.2 should read; "Infrared radiant heaters shall be fixed in a position independent of gas and electric supply lines. Hangers and brackets shall be of noncombustible material."

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1st through 10th PRINTING (December 5, 2018)

CHAPTER 39 POWER AND LIGHTING DISTRIBUTION

TABLE E3905.12.1
MAXIMUM NUMBER OF CONDUCTORS IN METAL BOXES^a

BOX DIMENSIONS (inches trade size and type)	MAXIMUM CAPACITY (cubic inches)	MAXIMUM NUMBER OF CONDUCTORS ^a						
		18 Awg	16 Awg	14 Awg	12 Awg	10 Awg	8 Awg	6 Awg
4 × 2 ¹ / ₈ square	30.3	20	17	15	13	12	10	6
4 ¹¹ / ₁₆ × 4 ⁴ / ₄ 1 ¹ / ₄ square	25.5	17	14	12	11	10	8	5
4 ¹¹ / ₁₆ × 4 ⁴ / ₂ 1 ¹ / ₂ square	29.5	19	16	14	13	11	9	5
4 ¹¹ / ₁₆ × 2 ¹ / ₈ square	42.0	28	24	21	18	16	14	8

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1st through 10th PRINTING (09-05-2018)

Chapter 43 REFERENCE STANDARDS

ICC/ANSI A117.1-2003.....R323.3

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FIRST PRINTING (Posted 09-12-2006)

CHAPTER 43 REFERENCED STANDARDS

AWPA

American Wood-Preservers' Association
P.O. Box 5690
Granbury, Texas
76049

Standard Reference Number	Title	Referenced in code section number
<u>C1-00</u> <u>R902.2</u>	<u>All Timber Products – Preservative Treatment by Pressure Processes</u>	

(Remainder of the Section is unchanged)

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1st through 6th PRINTING (Posted 07-25-2011)

APPENDIX H

PATIO COVER

AH105.1 General....shall be provided with exits conforming to the provisions of Section ~~R310~~R311 of this code.