

R105.2

Errata IRC Chapter 1

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: R105.2

Posted: September 21, 2018

Correction:

R110.2 Change in use. Changes in the character or use of an existing structure shall not be made except as specified in Sections ~~407~~ [507](#) and ~~408~~ [508](#) of the *International Existing Building Code*.

Correlation Notes: None

Figure R403.1.3

Errata: IRC Chapter 4

Code/Standard: 2018 International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Figure R403.1.3

Posted: June 18, 2019

Correction:

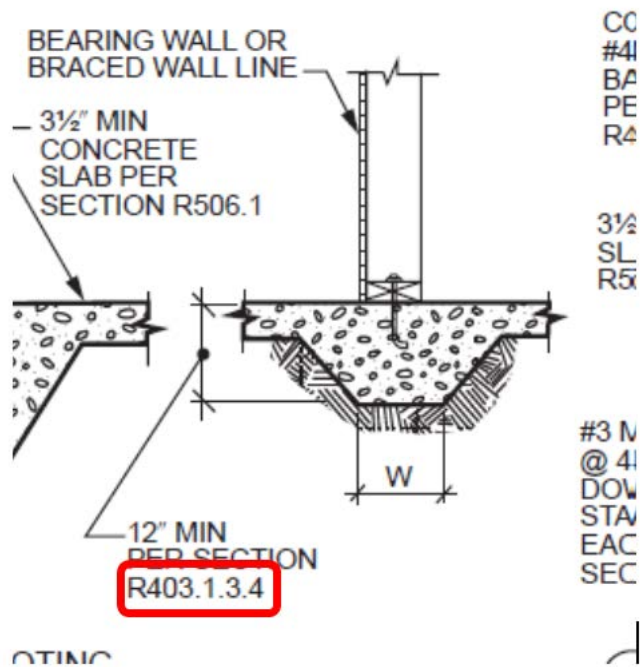


FIGURE R403.1.3

Reinforced Concrete Footings and Masonry and Concrete Stem Walls in SDC D₀, D₁ and D₂^{a,b,c,d,e,f}

Correlation Notes: None

Table R403.3(2)

Errata: IRC Chapter 4

Code/Standard: International Residential Code

Applies to following Printings: 1st and 2nd Printings

Section/Table/Figure Number: Table R403.3(2)

Posted: July 11, 2019

Correction:

**TABLE R403.3(2)
AIR-FREEZING INDEX FOR U.S. LOCATIONS BY COUNTY**

STATE	AIR-FREEZING INDEX					
	1500 or less	2000	2500	3000	3500	4000
Montana	Mineral	Broadwater, Golden Valley, Granite, Lake, Lincoln, Missoula, Ravalli, Sanders, Sweet Grass	Big Horn, Carbon, Jefferson, Judith Basin, Lewis and Clark, Meagher, Musselshell, Powder River, Powell, Silver Bow, Stillwater, Westland	Carter, Cascade, Deer Lodge, Falcon, Fergus, Flathead, Gallanting <u>Gallatin</u> , Glacier, Madison, Park, Petroleum, Ponder, Rosebud, Teton, Treasure, Yellowstone	Beaverhead, Blaine, Chouteau, Custer, Dawson, Garfield, Liberty, McCone, Prairie, Toole, Wibaux	Daniels, Hill, Phillips, Richland, Roosevelt, Sheridan, Valley

Portions of table not shown remain unchanged.

Correlation Notes: Reflects the proper spelling given in proposal RB145-06/07

Table 403.4

Errata: IRC Chapter 4

Code: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Table R403.4

Posted: March 8, 2018

Correction:

Table R403.4
MINIMUM DEPTH (D) AND MINIMUM WIDTH (W) OF CRUSHED STONE FOOTINGS^{a,b} (inches)

Correlation Notes: None

R602.3.2

Errata: IRC Chapter 6

Code: International Residential Code

Applies to following Printings: 1st and 2nd Printing

Section/Table/Figure Number: Table R602.3.2

Posted: March 12, 2019

Correction:

**TABLE R602.3.2
SINGLE TOP-PLATE SPLICE CONNECTION DETAILS**

CONDITION	TOP-PLATE SPLICE LOCATION			
	Corners and intersecting walls		Butt joints in straight walls	
	Splice plate size	Minimum nails each side of joint	Splice plate size	Minimum nails each side of joint
Structures in SDC A-C; and in SDC D ₀ , D ₁ and D ₂ with braced wall line spacing less than 25 feet	3" x 8" by 0.036" galvanized steel plate or equivalent	(6) 8d box (2 ¹ / ₂ " x 0.113") nails	3 3" x 12" by 0.036" galvanized steel plate or equivalent	(12) 8d box (2 ¹ / ₂ " x 0.113") nails
Structures in SDC D ₀ , D ₁ and D ₂ , with braced wall line spacing greater than or equal to 25 feet	3" x 8" by 0.036" galvanized steel plate or equivalent	(9) 8d box (2 ¹ / ₂ " x 0.113") nails	3 3" x 12" by 0.036" galvanized steel plate or equivalent	(18) 8d box (2 ¹ / ₂ " x 0.113") nails

Correlation Notes: None

R602.7(1)

Errata: IRC Chapter 6

Code: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Table R602.7(1)

Posted: March 8, 2018

Correction:

TABLE R602.7(1)—continued
 GIRDER SPANS^a AND HEADER SPANS^a FOR EXTERIOR BEARING WALLS
 (Maximum spans for Douglas fir-larch, hem-fir, Southern pine and spruce-pine-fir^b and required number of jack studs)

GIRDERS AND HEADERS SUPPORTING	SIZE	GROUND SNOW LOAD (psf) ^e																								
		20						30						50												
		Building (feet)																								
		20			24			36			20			24			36			20			24			36
Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d	Span ^f	NJ ^d			
	12x6	28	2	21	2	16	2	27	2	20	2	16	2	25	2	11	2	18	2							

Note: In the original image, blue boxes with the number '12' and arrows point to the 'Building (feet)' row for snow loads of 20, 30, and 50 psf.

Correlation Notes: None

Table R602.10.3(3)

Errata IRC Chapter 6

Code/Standard: International Residential Code

Applies to following Printings: 1st and 2nd Printings

Section/Table/Figure Number: Table R602.10.3(3)

Posted: July 11, 2019

Correction:

**TABLE R602.10.3(3)
BRACING REQUIREMENTS BASED ON SEISMIC DESIGN CATEGORY**

<ul style="list-style-type: none"> • SOIL CLASS D^b • WALL HEIGHT = 10 FEET • 10 PSF FLOOR DEAD LOAD • 15 PSF ROOF/CEILING DEAD LOAD • BRACED WALL LINE SPACING ≤ 25 FEET 			MINIMUM TOTAL LENGTH (FEET) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE^{a, f}				
Seismic Design Category	Story Location	Braced Wall Line Length (feet) ^c	Method LIB ^d	Method GB	Methods DWB, SFB, PBS, PCP, HPS, CS-SFB ^e	Methods WSP, <u>ABW</u> , <u>PFH</u> and <u>PFG</u> ^e	Methods CS-WSP, CS-G, CS-PF

Remainder of table is unchanged.

Correlation Notes: Correctly reflects proposal RB235-16 AMPC2.

Figure R602.10.7

Errata: IRC Chapter 6

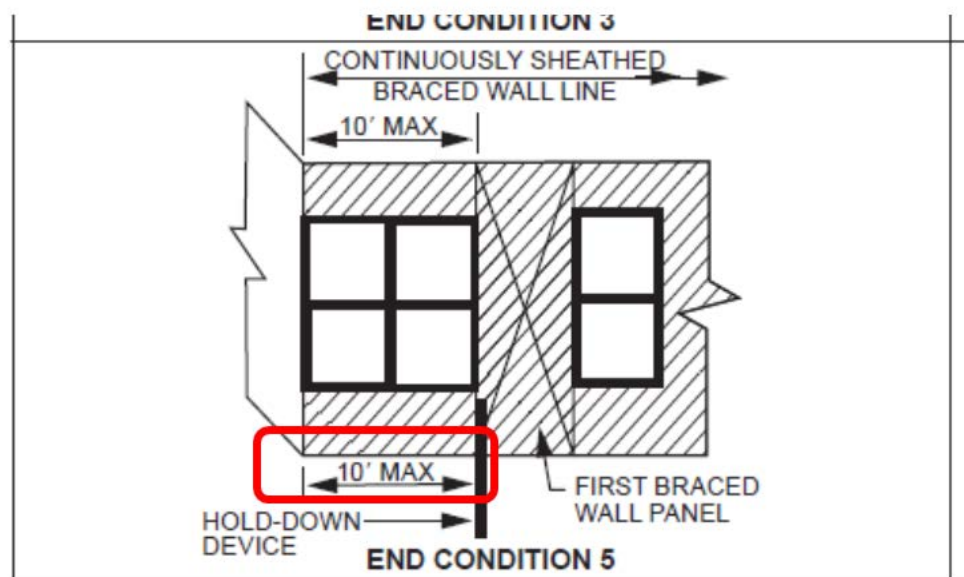
Code/Standard: 2018 International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Figure R602.10.7

Posted: April 12, 2019

Correction:



Correlation Notes: None

Figure 802.4.5

Errata IRC Chapter 8

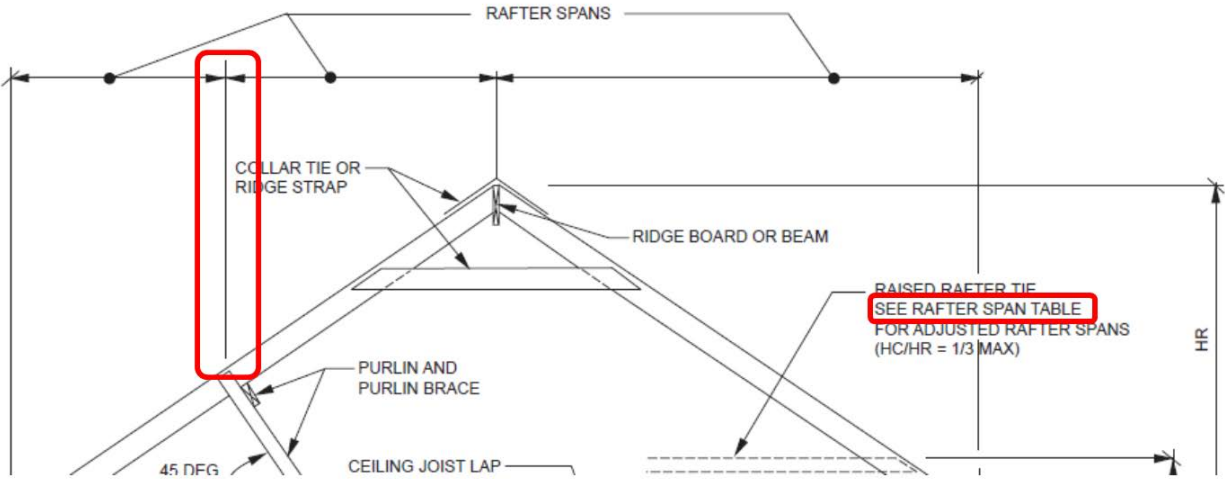
Code/Standard: 2018 International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Figure R802.4.5

Posted: April 12, 2019

Correction:



Correlation Notes: None

N1102.1.2

Errata: IRC Chapter 11

Code: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Table N1102.1.2

Posted: October 30, 2018

Correction:

f. Basement wall insulation shall not be required in warm-humid locations as defined by Figure N1101.~~40~~ 7 and Table N1101.~~40~~ 7.

Correlation Notes: None

N1103.6

Errata IRC Chapter 11

Code: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section N1103.6

Posted: March 12, 2019

Correction: N1103.6 (R403.6) Mechanical ventilation (Mandatory). The building shall be provided with ventilation that complies with the requirements of Section ~~M1507~~ M1505 of this code or with other approved means of ventilation. Outdoor air intakes and exhausts shall have automatic or gravity dampers that close when the ventilation system is not operating.

Correlation Notes: None

N1105.6.1

Errata 2018 IRC Chapter 11 [RE] ENERGY EFFICIENCY

Code/Standard: 2018 International Residential Code

Applies to following Printings: all printings

Section/Table/Figure Number: N1105.6.1

Posted: June 24, 2021

Correction:

N1105.6.1 (R405.6.1) Minimum capabilities.

Calculation procedures used to comply with this section shall be software tools capable of calculating the annual energy consumption of all building elements that differ between the *standard reference design* and the *proposed design* and shall include the following capabilities:

1. Computer generation of the *standard reference design* using only the input for the *proposed design*. The calculation procedure shall not allow the user to directly modify the building component characteristics of the *standard reference design*.
2. Calculation of whole-building (as a single zone) sizing for the heating and cooling equipment in the *standard reference design* residence in accordance with [Section N1103.67](#).
3. Calculations that account for the effects of indoor and outdoor temperatures and part-load ratios on the performance of heating, ventilating and air-conditioning equipment based on climate and equipment sizing.
4. Printed *building official* inspection checklist listing each of the *proposed design* component characteristics from [Table N1105.5.2\(1\)](#) determined by the analysis to provide compliance, along with their respective performance ratings such as *R*-value, *U*-factor, SHGC, HSPF, AFUE, SEER and EF.

Correlation Notes: EC108-09/10

N1106.4 (R406.4) Table

Errata: IRC Chapter 11

Code/Standard: IRC

Applies to following Printings: 1st

Section/Table/Figure Number: Table N1106.4 (R406.4)

Posted: August 20, 2018

Correction: *Table remains unchanged.*

Revise the table note:

- a. Where on-site renewable energy is included for compliance using the ERI analysis of Section R406.4, the building shall meet the mandatory requirements of Section N1106.2, and the building thermal envelope shall be greater than or equal to the levels of efficiency and SHGC in Table N1102.1.2 or Table N1102.1.4 [of the 2015 International Residential Code](#).

Correlation Notes: None

M1305.1.3

Errata IRC Chapter 13

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: M1305.1.3

Posted: September 18, 2018

Correction:

M1305.1.3 Appliances under floors. Underfloor spaces containing ...

Exceptions:

1.
2. Where the passageway is unobstructed and not less than 6 feet high (~~1929~~ 1829 mm) and 22 inches (559 mm) wide for its entire length, the passageway shall not be limited in length.

Correlation Notes: None

G2411.2.1

Errata IRC Chapter 24

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: G2411.2.1

Posted: September 18, 2018

Correction:

G2411.2.1 (310.2.1) Point of connection. The bonding jumper shall connect to a metallic pipe, pipe fitting or CSST fitting.

Correlation Notes: None

G2427.7.13

Errata IRC Chapter 24

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: G2427.7.13

Posted: September 18, 2018

Correction:

G2427.7.13 (503.7.13) Marking. Single-wall metal pipe shall comply with the marking provisions of Section G2427.6.~~40~~ 11.

Correlation Notes: None

E3405.2

Errata: IRC Chapter 34

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E3405.2

Posted: October 30, 2018

Correction:

E3405.2 Working clearances for energized equipment and panel boards. Except as otherwise...the electrical equipment.

Where such equipment is required by installation instruction or function **is to be** located in a space with limited access, all of the following shall apply:

1. Where the equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 22.....

Correlation Notes: None

E3609.3.2

Errata IRC Chapter 36

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E3609.3.2

Posted: September 18, 2018

Correction:

E3609.3.2 An aluminum or copper busbar not less than $\frac{1}{4}$ inch thick by 2 inches wide (6.4 mm by 51 mm) and of sufficient length to accommodate not fewer than three terminations for communications systems in addition to other connections shall be provided. The busbar shall be securely fastened and shall be installed in an accessible location. Connections shall be made by a listed connector. Where aluminum busbars are used, the installation shall comply with Section E3610.2.

Exception: Means for connecting intersystem bonding conductors are not required where communications systems are not likely to be used. [\[250.94\(B\)\]](#)

Correlation Notes: None

E3901.7

Errata IRC Chapter 39

Code/Standard: International Residential Code

Applies to following Printings: 1st and 2nd Printing

Section/Table/Figure Number: E3901.7

Posted: March 12, 2019

Correction:

E3901.7 Outdoor outlets. Not less than one receptacle outlet that is readily accessible from grade level and located not more than 6 feet, 6 inches (1981 mm) above grade, shall be installed outdoors at the front and back of each dwelling unit having direct access to grade level. Balconies, decks, and porches that are accessible from inside of the dwelling unit shall have at least one receptacle outlet ~~accessible installed within the perimeter of~~ from the balcony, deck, or porch. The receptacle.....

Correlation Notes: None

E3905.12.1

Errata: IRC Chapter 39

Code: International Residential Code

Applies to following Printings: 1st and 2nd Printing

Section/Table/Figure Number: Table E3905.12.1

Posted: December 5, 2018

Correction:

**TABLE E3905.12.1 [Table 314.16(A)]
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 ¹ / ₁₆ × 4 1 ¹ / ₄ square	25.5	17	14	12	11	10	8	5
4 ¹ / ₁₆ × 4 1 ¹ / ₂ square	29.5	19	16	14	13	11	9	5
4 ¹ / ₁₆ × 2 ¹ / ₈ square	42.0	28	24	21	18	16	14	8

Correlation Notes: None

E4101.5

Errata IRC Chapter 41

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Table E4101.5

Posted: September 18, 2018

Correction:

TABLE E4101.5
DISCONNECTING MEANS [422.31(A), (B), and (C); 422.34; 422.35; 424.19; 424.20; and 440.14]

DESCRIPTION	ALLOWED DISCONNECTING MEANS
Motor-operated appliances rated over $\frac{1}{8}$ horsepower.	<p>For permanently connected motor-operated appliances with motors rated over $\frac{1}{8}$ horsepower, the disconnecting means shall be <i>within sight</i> from the appliance or it shall be capable of being locked in the open position in compliance with Section E4101.8. The disconnecting means shall be one of the following types: a listed motor-circuit switch rated in horsepower, a listed molded case circuit breaker, a listed molded case switch, a listed manual motor controller additionally marked "Suitable as Motor Disconnect" where installed between the final motor branch-circuit short-circuit protective device and the motor. For stationary motors rated at 2 hp or less and 300 volts or less, the disconnecting means shall be permitted to be one of the following devices:</p> <ol style="list-style-type: none">1. A general-use switch having an ampere rating not less than twice the full-load current rating of the motor.2. On AC circuits, a general-use snap switch suitable only for use on AC, not general-use AC–DC snap switches, where the motor full-load current rating is not more than 80 percent of the ampere rating of the switch.3. A listed manual motor controller having a horsepower rating not less than the rating of the motor and marked "Suitable as Motor Disconnect". <p>The disconnecting means shall have an ampere rating not less than 115 percent of the full-load current rating of the motor except that a listed unfused motor-circuit switch having a horsepower rating not less than the motor horsepower shall be permitted to have an ampere rating less than 115 percent of the full-load current rating of the motor.</p> <p>Exception: Where an appliance of more than $\frac{1}{8}$ hp is provided with a unit switch with a marked-off position that is a part of the appliance and disconnects all ungrounded conductors <u>such unit switch</u> shall be permitted as the disconnecting means and the switch or circuit breaker serving as the other disconnecting means shall be permitted to be not <i>within sight</i> from the appliance.</p>

Correlation Notes: None

E4202.1

Errata: IRC Chapter 42

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E4202.1

Posted: September 18, 2018

Correction:

E4202.1 General. Wiring methods used in conjunction with permanently installed swimming pools, spas or hot tubs that are installed in corrosive environments described in Section E4202.2.1 shall comply with Table E4202.1, Sections E4202.2 and E4205 and Chapter 38 except as otherwise stated in this section. Wiring methods used in conjunction with permanently installed swimming pools, spas or hot tubs that are not installed in ~~non~~corrosive environments shall comply with Chapter 38. Storable swimming pools shall comply with Section E4207.

Hydromassage bathtubs shall comply with Section E4209. [680.7; 680.14 (A) and (B); 680.21(A); 680.23(B) and (F); 680.25(A); 680.42; 680.43; and 680.70]

Correlation Notes: None

E4204.5.2

Errata: IRC Chapter 42

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E4204.5.2

Posted: September 18, 2018

Correction:

E4204.5.2 Connections. Connections to bonded parts shall be made in accordance with Section E3406.~~13~~ 14.1

Correlation Notes: None

E4205.2

Errata: IRC Chapter 42

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E4205.2

Posted: September 18, 2018

Correction:

E4205.2 Luminaires and related equipment. Where branch-circuit wiring on the supply side of enclosures and junction boxes connected to conduits run to underwater luminaires are installed in corrosive environments as described in Section E4202.2-~~4~~, the wiring method of that portion of the branch circuit shall be as required in Section E4202.2-~~2~~ .1 or shall be liquid-tight flexible nonmetallic conduit (LFNMC). Where not installed in ~~non~~corrosive environments, branch circuits shall comply with Chapter 38. Wiring methods shall contain an insulated copper equipment grounding conductor sized in accordance with Table ~~E3809.12~~ E3908.12 but not smaller than 12 AWG. The equipment grounding conductor between the wiring chamber of the secondary winding of a transformer and a junction box shall be sized in accordance with the overcurrent device in such circuit.

Remainder of section is unchanged

Correlation Notes: None

E4205.6

Errata: IRC Chapter 42

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E4205.6

Posted: October 30, 2018

Correction:

E4205.6 Feeders. These provisions shall apply to any feeder on the supply side of panelboards supplying branch circuits for pool equipment covered in this chapter and on the load side of the service equipment. Where feeders are installed in corrosive environments as described in Section E4202.2.4, the wiring method of that portion of the feeder shall comply with Section E4202.2.2 1 or shall be liquid-tight flexible nonmetallic conduit (LFNMC). Wiring methods installed in corrosive environments as described in Section E4202.2.1 shall contain an insulated copper equipment grounding conductor sized in accordance with Table E3908.12, but not smaller than 12 AWG.

Where installed in noncorrosive environments, feeder wiring methods shall comply with Chapter 38. [680.25(A)].

Correlation Notes: None

E4205.7

Errata: IRC Chapter 42

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: E4205.7

Posted: September 18, 2018

Correction:

E4205.7 Cord-connected equipment. Where fixed or stationary equipment is connected with a flexible cord to facilitate removal or disconnection for maintenance, repair, or storage, as provided in Section E4202.2 ~~3~~, the equipment grounding conductors shall be connected to a fixed metal part of the assembly. The removable part shall be mounted on or bonded to the fixed metal part. [680.7(C)]

Correlation Notes: None

AAMA

Errata IRC Chapter 44

Code: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: AAMA

Posted: March 8, 2018

Correction:

AAMA 711-~~46~~ -13

Correlation Notes: None

ASCE

Errata IRC Chapter 44

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: ASCE

Posted: September 18, 2018

Correction:

ASCE 32-~~47~~ -01

Correlation Notes: None

SMACNA

Errata	2018 IRC Chapter 44
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Code/Standard: 2018 International Residential Code

Applies to following Printings: 4th, 3rd, 2nd and 1st printing

Section/Table/Figure Number: SMACNA

Posted: June 24, 2021

SMACNA

Sheet Metal & Air-Conditioning Contractors National Assoc., Inc.
4201 Lafayette Center Drive
ChantillyVA20151-120

SMACNA/ANSI—~~2016~~2005: HVAC Duct Construction Standards—Metal and Flexible, ~~4th~~ 3rd Edition
(ANSI)

Correlation Notes: None.

AR103.5.5

Errata IRC Appendix R

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: AR103.5.5

Posted: September 24, 2018

Correction:

AR103.5.5 Exterior cladding. Exterior cladding shall be spaced not less than ½ inch (~~19.4~~ 12.7 mm)
from.....

Correlation Notes: None

AR105 (New)

Errata IRC Appendix R

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: AR105

Posted: September 24, 2018

Correction:

SECTION AR105
REFERENCED STANDARDS

ASTM E2392/E2392M-10 Standard Guide for Design of Earthen Wall Building Systems.....AR103.3.2

Correlation Notes: None

AS102.1

Errata IRC Appendix S

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Figure AS102.1

Posted: September 24, 2018

Correction:

FIGURE ~~AS102.1~~ AS101.2
TYPICAL STRAWBALE WALL SYSTEMS

Correlation Notes: None

APPENDIX T Title

Errata IRC Appendix T

Code/Standard: International Residential Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Appwndix T Title

Posted: September 18, 2018

Correction:

APPENDIX T [RE]

SOLAR-READY PROVISIONS—DETACHED ONE- AND TWO-FAMILY DWELLINGS AND TOWNHOUSES

~~This appendix is informative and is not part of the code.~~

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.

Correlation Notes: None