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
202 EXTERIOR WALL

Errata 2018 IRC Chapter 2

Applies to following Printings: 1st Printing
Section/Table/Figure Number: EXTERIOR WALL
Posted: November 15, 2021

Correction:

RB] [RE] EXTERIOR WALL. An above-grade wall that defines the exterior boundaries of a building. Includes between-floor spandrels, peripheral edges of floors, roof and basement knee walls, dormer walls, gable end walls, walls enclosing a mansard roof and basement walls with an average below-grade wall area that is less than 50 percent of the total opaque and nonopaque area of that enclosing side.

For the definition applicable in Chapter 11, see Section N1101.6.

Correlation Notes: None
Table R301.2(2)

Errata 2018 IRC Chapter 3

Applies to following Printings: 1st through 3rd
Section/Table/Figure Number: Table R301.2(2)
Posted: May 2, 2022

Correction:

*Replace entire table with the following:*

<table>
<thead>
<tr>
<th>ZONE</th>
<th>EFFECTIVE WIND AREA (feet²)</th>
<th>110</th>
<th>115</th>
<th>120</th>
<th>130</th>
<th>140</th>
<th>150</th>
<th>160</th>
<th>170</th>
<th>180</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
<td>10.0</td>
<td>11.5</td>
<td>13.0</td>
<td>14.5</td>
<td>16.0</td>
<td>17.5</td>
<td>19.0</td>
<td>20.5</td>
<td>22.0</td>
</tr>
<tr>
<td>1</td>
<td>20</td>
<td>10.7</td>
<td>12.2</td>
<td>13.7</td>
<td>15.2</td>
<td>16.7</td>
<td>18.2</td>
<td>19.7</td>
<td>21.2</td>
<td>22.7</td>
</tr>
<tr>
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<td>50</td>
<td>12.3</td>
<td>13.8</td>
<td>15.3</td>
<td>16.8</td>
<td>18.3</td>
<td>19.8</td>
<td>21.3</td>
<td>22.8</td>
<td>24.3</td>
</tr>
<tr>
<td>1</td>
<td>100</td>
<td>11.9</td>
<td>13.4</td>
<td>14.9</td>
<td>16.4</td>
<td>17.9</td>
<td>19.5</td>
<td>21.0</td>
<td>22.5</td>
<td>24.0</td>
</tr>
<tr>
<td>2</td>
<td>10</td>
<td>21.9</td>
<td>23.9</td>
<td>23.9</td>
<td>25.4</td>
<td>26.9</td>
<td>28.4</td>
<td>29.9</td>
<td>31.4</td>
<td>32.9</td>
</tr>
<tr>
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<td>21.4</td>
<td>23.4</td>
<td>23.4</td>
<td>24.9</td>
<td>26.4</td>
<td>27.9</td>
<td>29.4</td>
<td>30.9</td>
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</tr>
<tr>
<td>2</td>
<td>50</td>
<td>18.1</td>
<td>19.6</td>
<td>21.1</td>
<td>22.7</td>
<td>24.2</td>
<td>25.7</td>
<td>27.2</td>
<td>28.7</td>
<td>30.2</td>
</tr>
<tr>
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<td>100</td>
<td>17.6</td>
<td>19.1</td>
<td>20.6</td>
<td>22.1</td>
<td>23.6</td>
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<td>26.6</td>
<td>28.1</td>
<td>29.6</td>
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<td>31.5</td>
<td>33.0</td>
<td>33.5</td>
<td>34.5</td>
<td>35.5</td>
<td>36.5</td>
<td>37.5</td>
<td>38.5</td>
<td>39.5</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
<td>29.6</td>
<td>31.1</td>
<td>32.6</td>
<td>34.1</td>
<td>35.6</td>
<td>37.1</td>
<td>38.6</td>
<td>40.1</td>
<td>41.6</td>
</tr>
<tr>
<td>3</td>
<td>50</td>
<td>26.7</td>
<td>28.2</td>
<td>29.7</td>
<td>31.2</td>
<td>32.7</td>
<td>34.2</td>
<td>35.7</td>
<td>37.2</td>
<td>38.7</td>
</tr>
<tr>
<td>3</td>
<td>100</td>
<td>24.8</td>
<td>26.3</td>
<td>27.8</td>
<td>29.3</td>
<td>30.8</td>
<td>32.3</td>
<td>33.8</td>
<td>35.3</td>
<td>36.8</td>
</tr>
</tbody>
</table>

*continued*
### Correlation Notes: From monograph errata in 2013 code change cycle.

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<tbody>
<tr>
<td>1</td>
<td>60</td>
<td>119</td>
<td>134</td>
<td>142</td>
<td>155</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
<td>119</td>
<td>134</td>
<td>142</td>
<td>155</td>
</tr>
<tr>
<td>3</td>
<td>60</td>
<td>119</td>
<td>134</td>
<td>142</td>
<td>155</td>
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<td>4</td>
<td>60</td>
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</tr>
<tr>
<td>5</td>
<td>60</td>
<td>119</td>
<td>134</td>
<td>142</td>
<td>155</td>
</tr>
</tbody>
</table>

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m², 1 mile per hour = 0.447 m/s, 1 pound per square foot = 0.0479 kPa.

a. The effective wind area shall be equal to the span length multiplied by an effective width. This width shall be permitted to be not less than one-third the span length. For cladding fasteners, the effective wind area shall not be greater than the area that is tributary to an individual fastener.

b. For effective areas between those given, the load shall be interpolated or the load associated with the lower effective area shall be used.

c. Table values shall be adjusted for height and exposure by multiplying by the adjustment coefficient in Table R301.2(3).

d. See Figure R301.2(3) for location of zones.

e. Plus and minus signs signify pressures acting toward and away from the building surfaces.
R311.7.7

Errata 2018 IRC Chapter 3

Applies to following Printings: 1st through 4th
Section/Table/Figure Number: R311.7.7
Posted: May 2, 2022

Correction:

R311.7.7 Stairway walking surface.
The walking surface of treads and landings of stairways shall be sloped not steeper
than one unit vertical in 48 inches units horizontal (2-percent slope).

Correlation Notes:
L, R317.2 Quality Mark
Lumber and plywood required to be pressure-preservative treated in accordance with Section R318.4 R317.1 shall bear the quality mark of an approved inspection agency that maintains continuing supervision, testing and inspection over the quality of the product and that has been approved by an accreditation body that complies with the requirements of the American Lumber Standard Committee treated wood program.
R324.2

Solar thermal systems.
Solar thermal systems shall be designed and installed in accordance with Chapter 23 and the International Fire Code.

Correlation Notes:
Correction:

Correlation Notes:
Figure R403.1.3

Errata: IRC Chapter 4


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**

<table>
<thead>
<tr>
<th>STATE</th>
<th>AIR-FREEZING INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1500 or less</td>
</tr>
</tbody>
</table>

*Portions of table not shown remain unchanged.*

**Correlation Notes:** Reflects the proper spelling given in proposal RB145-06/07
### Table 403.4

<table>
<thead>
<tr>
<th>Table R403.4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MINIMUM DEPTH (D) AND MINIMUM WIDTH (W) OF CRUSHED STONE FOOTINGS</strong>&lt;sup&gt;a,b&lt;/sup&gt; (inches)</td>
</tr>
</tbody>
</table>

- **Correlation Notes:** None
### MINIMUM FOOTING SIZE FOR DECKS \(^{a,c,d} \) (sq ft)

<table>
<thead>
<tr>
<th>LIVE OR GROUND SNOW LOAD ( b ) (psf)</th>
<th>TRIBUTARY AREA (sqft) (^{e} )</th>
<th>Side of a square footing (in)</th>
<th>Diameter of a round footing (in)</th>
<th>Thickness (in)</th>
<th>Side of a square footing (in)</th>
<th>Diameter of a round footing (in)</th>
<th>Thickness (in)</th>
<th>Side of a square footing (in)</th>
<th>Diameter of a round footing (in)</th>
<th>Thickness (in)</th>
<th>Side of a square footing (in)</th>
<th>Diameter of a round footing (in)</th>
<th>Thickness (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500 (^{a} )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000 (^{a} )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2500 (^{a} )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>( \geq 3000 ) (^{a} )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Correlation Notes:** Add superscript "e" to the Tributary Area (sq ft) and delete superscript "e" from the four locations that are load bearing values. RB207-16
R507.4.1

Errata 2018 IRC Chapter 5

Applies to following Printings: 1st through 4th
Section/Table/Figure Number: R507.4.1
Posted: May 2, 2022

Correction:

R507.4.1 Deck post to deck footing connection.
Where posts bear on concrete footings in accordance with Section R403 and Figure R507.4.1 R507.3, lateral restraint shall be provided by manufactured connectors or a minimum post embedment of 12 inches (305 mm) in surrounding soils or concrete piers. Other footing systems shall be permitted.

Exception: Where expansive, compressible, shifting or other questionable soils are present, surrounding soils shall not be relied on for lateral support.

Correlation Notes:
TABLE R602.3.2
SINGLE TOP-PLATE SPLICE CONNECTION DETAILS

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>TOP-PLATE SPLICE LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Corners and intersecting walls</td>
</tr>
<tr>
<td></td>
<td>Splice plate size</td>
</tr>
<tr>
<td>Structures in SDC A-C; and in SDC D₀, D₁ and D₂ with braced wall line spacing less than 25 feet</td>
<td>3” x 8” by 0.036” galvanized steel plate or equivalent</td>
</tr>
<tr>
<td>Structures in SDC D₀, D₁ and D₂, with braced wall line spacing greater than or equal to 25 feet</td>
<td>3” x 8” by 0.036” galvanized steel plate or equivalent</td>
</tr>
</tbody>
</table>

Correlation Notes: None
R602.6

Errata 2018 IRC Chapter 6

Applies to following Printings: 1st through 5th
Section/Table/Figure Number: R602.6
Posted: January 14, 2022

Correction:

R602.6 Drilling and notching of studs…..
    2. Drilling. Any stud…. the edge of the hole is not more less than 5/8 inch....

Correlation Notes:
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:**

**Correlation Notes:** None
### Table R602.10.3(3) BRACING REQUIREMENTS BASED ON SEISMIC DESIGN CATEGORY

- **SOIL CLASS D**
- **WALL HEIGHT = 10 FEET**
- **10 PSF FLOOR DEAD LOAD**
- **15 PSF ROOF/CEILING DEAD LOAD**
- **BRACED WALL LINE SPACING ≤ 25 FEET**

<table>
<thead>
<tr>
<th>Seismic Design Category</th>
<th>Story Location</th>
<th>Braced Wall Line Length (feet)</th>
<th>Minimum Total Length (feet) of Braced Wall Panels Required Along Each Braced Wall Line&lt;sup&gt;a&lt;/sup&gt;&lt;sup&gt;f&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methods LIB&lt;sup&gt;e&lt;/sup&gt;</td>
<td>Method GB</td>
<td>Methods DWB, SFB, PBS, PCP, HPS, CS-SFB&lt;sup&gt;e&lt;/sup&gt;</td>
<td>Methods WSP, ABW, PFH and PFG&lt;sup&gt;e&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

*Remainder of table is unchanged.*

**Correlation Notes:** Correctly reflects proposal RB235-16 AMPC2.
Correction:

Correlation Notes: None
Figure R602.10.7

Errata: IRC Chapter 6


Applies to following Printings: 1st Printing

Section/Table/Figure Number: Figure R602.10.7

Posted: April 12, 2019

Correction:

Correlation Notes: None
Table R608.9(11)

Errata 2018 IRC Chapter 6

Applies to following Printings: 1st through 3rd
Section/Table/Figure Number: Table R608.9(11)
Posted: May 2, 2022

Correction:

<table>
<thead>
<tr>
<th>TABLE R608.9(11)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WOOD-FRAMED ROOF COLD-FORMED STEEL</strong> TO TOP OF CONCRETE WALL, FRAMING PERPENDICULAR*&lt;sup&gt;a,b,c,d,e&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

Correlation Notes:
# Table R802.4.1(5)

**Errata 2018 IRC Chapter 8 Roof-Ceiling Wood Construction**

**Code/Standard:** 2018 IRC  
**Applies to following Printings:** 1st through 5th printings  
**Section/Table/Figure Number:** Table R802.4.1(5)  
**Posted:** February 25, 2022

**Correction:**

TABLE R802.4.1(5) (Ground snow load – 50psf, ceiling not attached to rafters, L/∆ -180)  
RAFTER SPANS FOR COMMON LUMBER SPECIES

<table>
<thead>
<tr>
<th>RAFTER SPACING (inches)</th>
<th>SPECIES AND GRADE</th>
<th>DEAD LOAD = 10 psf</th>
<th>DEAD LOAD = 20 psf</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2 x 4</td>
<td>2 x 6</td>
</tr>
<tr>
<td>16</td>
<td>Douglas fir-larch</td>
<td>S S 7-8</td>
<td>12-1</td>
</tr>
<tr>
<td></td>
<td>Douglas fir-larch</td>
<td>#1 7-1</td>
<td>10-5</td>
</tr>
<tr>
<td></td>
<td>Douglas fir-larch</td>
<td>#2 6-9</td>
<td>9-10</td>
</tr>
<tr>
<td></td>
<td>Douglas fir-larch</td>
<td>#3 5-2</td>
<td>7-7</td>
</tr>
<tr>
<td></td>
<td>Hem-fir</td>
<td>S S 7-3</td>
<td>11-5</td>
</tr>
</tbody>
</table>

Correlation Notes: RB248-13

* Should be 11-8
Figure 802.4.5

Errata IRC Chapter 8


Applies to following Printings: 1st Printing

Section/Table/Figure Number: Figure R802.4.5

Posted: April 12, 2019

Correction:

Correlation Notes: None
R807.1

R807.1 Attic access.
Buildings with combustible ceiling or roof construction shall have an attic access opening to attic areas that have a vertical height of 30 inches (762 mm) or greater over an area of not less than 30 square feet (2.8 m²). The vertical height shall be measured from the top of the ceiling framing members to the underside of the roof framing members.

The rough-framed opening shall be not less than 22 inches by 30 inches (559 mm by 762 mm) and shall be located in a hallway or other location with ready access. Where located in a wall, the opening shall be not less than 22 inches wide by 30 inches high (559 mm wide by 762 mm high). Where the access is located in a ceiling, minimum unobstructed headroom in the attic space shall be 30 inches (762 mm) at some point above the access measured vertically from the bottom of ceiling framing members. See Section M1305.1.3 M1305.1.2 for access requirements where mechanical equipment is located in attics.
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
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.
N1105.6.1

Errata 2018 IRC Chapter 11 [RE] ENERGY EFFICIENCY

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
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.
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 (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 G2427.6.411.11.

Correlation Notes: None
**FIGURE P2904.2.4.2**

**Errata  2018 IRC Chapter 29**

**Code/Standard/commentary:** 2018 International Residential Code

**Applies to following Printings:** 1st through 5th Printings

**Section/Table/Figure Number:** FIGURE P2904.2.4.2

**Posted:** January 21, 2022

**Correction:**

Figure P2904.2.4.2  MINIMUM ALLOWABLE DISTANCE BETWEEN SPRINKLER AND OBSTRUCTION

![Diagram of sprinkler system with table showing minimum distances](image)

<table>
<thead>
<tr>
<th>WHERE &quot;A&quot; IS LESS THAN OR EQUAL TO: (INCHES)</th>
<th>&quot;B&quot; MUST BE NOT LESS THAN: (FEET)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1½</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>4½</td>
</tr>
<tr>
<td>9</td>
<td>6½</td>
</tr>
<tr>
<td>11</td>
<td>7</td>
</tr>
</tbody>
</table>

**Correlation Notes:**
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......
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(8)]
Table E3801.4 (Chapter 3 and 300.2)

ALLOWABLE APPLICATIONS FOR WIRING METHODS

<table>
<thead>
<tr>
<th>ALLOWABLE APPLICATIONS (application allowed where marked with an “A”)</th>
<th>AC</th>
<th>EMT</th>
<th>ENT</th>
<th>FMC</th>
<th>IMC</th>
<th>RMC</th>
<th>RNC</th>
<th>RTRC</th>
<th>LFC</th>
<th>MC</th>
<th>NM</th>
<th>SR</th>
<th>SE</th>
<th>UF</th>
<th>USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wet locations exposed to sunlight</td>
<td>—</td>
<td>A</td>
<td>A&lt;sup&gt;a&lt;/sup&gt;</td>
<td>—</td>
<td>A</td>
<td>A</td>
<td>A&lt;sup&gt;j&lt;/sup&gt;</td>
<td>—</td>
<td>A</td>
<td>A&lt;sup&gt;e&lt;/sup&gt;</td>
<td>A&lt;sup&gt;e&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For SI: 1 foot = 304.8 mm.

Table rows not shown remain unchanged

a.-j. remain unchanged
k. In wet locations under any of the following conditions where a corrosion-resistant jacket is provided over the metallic covering and any of the following conditions are met:
1. The metallic covering is impervious to moisture.
2. A lead sheath or moisture-impervious jacket resistant to moisture is provided under the metal covering.
3. The insulated conductors under the metallic covering are listed for use in wet locations and a corrosion-resistant jacket is provided over the metallic sheath.

Correlation Notes:
E3901.2

Errata 2018 IRC Chapter 39

Applies to following Printings: 1st through 5th
Section/Table/Figure Number: E3901.2
Posted: January 21, 2022

Correction:

E3901.2 General purpose receptacle distribution. ..specified in Sections E3901.2.1 through E3901.2.3 E3901.2.4 (see....

Correlation Notes:
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 the balcony, deck, or porch. The receptacle.....

**Correlation Notes:** None
E3905.4.2 Utilization equipment.
Outlet and device boxes that enclose devices or utilization equipment shall have a minimum internal depth that accommodates the rearward projection of the equipment and the size of the conductors that supply the equipment. The internal depth shall include that of any extension boxes, plaster rings, or raised covers. The internal depth shall comply with all of the applicable provisions that follow. [314.24(B)]

**Exception:** Utilization equipment that is listed to be installed with specified boxes.

1. Large equipment. Boxes that enclose devices or utilization equipment that projects more than 1 7/8 inches (48 mm) rearward from the mounting plane of the box shall have a depth that is not less than the depth of the equipment plus 1/4 inch (6.4 mm). [314.24(B)(1)]
2. Conductors larger than 4 AWG. Boxes that enclose devices or utilization equipment supplied by conductors larger than 4 AWG shall be identified for their specific function. [314.24(B)(2)]
3. Conductors 8, 6, or 4 AWG. Boxes that enclose devices or utilization equipment supplied by 8, 6, or 4 AWG conductors shall have an internal depth that is not less than 2 7/16 inches (52.4 mm). [314.24(B)(3)]
4. Conductors 12 or 10 AWG. Boxes that enclose devices or utilization equipment supplied by 12 or 10 AWG conductors shall have an internal depth that is not less than 1 3/16 inches (30.2 mm). Where the equipment projects rearward from the mounting plane of the box by more than 1 inch (25.4 mm), the box shall have a depth that is not less than that of the equipment plus 1/4 inch (6.4 mm). [314.24(B)(4)]
5. Conductors 14 AWG and smaller. Boxes that enclose devices or utilization equipment supplied by 14 AWG or smaller conductors shall have a depth that is not less than 1 9/16 inch (23.8 mm). [314.24(B)(5)]

**Exception:** Utilization equipment that is listed to be installed with specified boxes.

Correlation Notes:
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>
<thead>
<tr>
<th>BOX DIMENSIONS (inches trade size and type)</th>
<th>MAXIMUM CAPACITY (cubic inches)</th>
<th>MAXIMUM NUMBER OF CONDUCTORS*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18 Awg</td>
<td>16 Awg</td>
</tr>
<tr>
<td>4 × 2 1/8 square</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 11/16 × 41/2 1 1/8 square</td>
<td>25.5</td>
<td>17</td>
</tr>
<tr>
<td>4 11/16 × 41/2 1 1/2 square</td>
<td>29.5</td>
<td>19</td>
</tr>
<tr>
<td>4 11/16 × 41/2 2 1/8 square</td>
<td>42.0</td>
<td>28</td>
</tr>
</tbody>
</table>

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] |
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| For permanently connected motor-operated appliances with motors rated over \( \frac{1}{8} \) horsepower, the disconnecting means shall be *within sight* 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:
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”.

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.

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 such unit switch 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 *within sight* from the appliance.

Correlation Notes: None
 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 noncorrosive 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 E3406.43 14.1

**Correlation Notes:** None
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 E4202.2-1, 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 noncorrosive 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 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
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 E4202.2.1, 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
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 711-16  -13

Correlation Notes: None
ANSI

Errata 2018 IRC Chapter 44

Code: 2018 International Residential Code
Applies to following Printings: 1st, 2nd, 3rd, 4th Printings
Section/Table/Figure Number: ANSI Z97.1
Posted: November 15, 2021

Correction:

ANSI

Z97.1—2014 2015 Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test R308.1.1, R308.3.1

Correlation Notes: None
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 32-17 -01

Correlation Notes: None
Errata  2018 IRC Chapter 44

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
Chantilly VA 20151-120


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 (19.1 12.7 mm) from...........

**Correlation Notes:** None
SECTION AR105
REFERENCED STANDARDS

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

Correlation Notes: None
FIGURE AS102.1 AS101.2
TYPICAL STRAWBALE WALL SYSTEMS
Correction:

Section AS106.10. Support of plaster skins. A weep screed as described in Section R702.7.2.1 and R703.7.2.1.
APPENDIX T Title

Errata IRC Appendix T

Code/Standard: International Residential Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Appendix 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
Appendix U

Errata 2018 IRC Appendix U

Applies to following Printings: 4th
Section/Table/Figure Number: Appendix U
Posted: May 2, 2022

Correction:

APPENDIX U

Correlation Notes: Delete Appendix U in its entirety