**November 15, 2011**

State of Oregon
Building Codes Division
Better Buildings for Oregon

# Errata for the 2011 Oregon Residential Specialty Code (ORSC)

~~Strikethrough~~ text represents deleted language.

Underlined text represents added language.

**1.** Add footnotes to the following tables; **(Pages 4-14 & 4-24)**

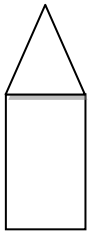
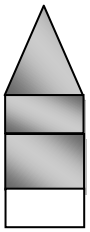
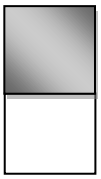
TABLE R404.1.1(1)
PLAIN MASONRY FOUNDATION WALLS [f]

f. Minimum thickness of walls shall be 6 inches for walls supporting one floor, 8 inches supporting two floors and 10 inches supporting three floors.

TABLE R404.1.2(8)
MINIMUM VERTICAL REINFORCEMENT FOR 6, 8, 10-INCH AND 12-INCH NOMINAL FLAT BASEMENT WALLS [b, c, d, e, f, h, i, k, n, o]

o. Minimum thickness of walls shall be 6 inches for walls supporting one floor, 8 inches supporting two floors and 10 inches supporting three floors.

**2.** Delete reference to "footnote [c]" in two places in Table R602.3(5); **(Page 6-6)**

| STUD SIZE (INCHES) | BEARING WALLS | | | | | NONBEARING WALLS | |
|---|---|---|---|---|---|---|---|
| | Laterally unsupported stud height [a] (feet) | Maximum spacing when supporting a roof-ceiling assembly only (inches) | Maximum spacing when supporting one floor, plus a roof-ceiling assembly (inches) | Maximum spacing when supporting two floor, plus a roof-ceiling assembly (inches) | Maximum spacing when supporting one floor height [a] (feet) | Laterally unsupported stud height [a] (feet) | Maximum spacing (inches) |
| | |  |  |  |  | | |
| 2 X 3 [b] | --- | --- | --- | --- | --- | 10 | 16 |
| 2 X 4 | 10 | 24 [e] | 16 [e] | --- | 24 | 14 | 24 |
| 3 X 4 | 10 | 24 | 24 | 16 | 24 | 14 | 24 |
| 2 X 5 | 10 | 24 | 24 | --- | 24 | 16 | 24 |
| 2 X 6 | 10 | 24 | 24 | 16 | 24 | 20 | 24 |

## 3. Revise Table N1101.1(2), Envelope Measure 5 modifications as indicated.

**TABLE N1101.1(2)**
**ADDITIONAL MEASURES**

| | | |
|---|---|---|
| **Envelope Enhancement Measure (Select One)** | **1** | **High efficiency walls & windows:**<br>Exterior walls – U-0.047 / R-19+5 (insulation sheathing) / SIPS, and<br>Windows – Max 15% of conditioned area; or<br>Windows-U-0.30 |
| | **2** | **High efficiency envelope:** |
| | | Exterior walls – U-0.058 / R-21 Intermediate framing, and<br>Vaulted ceilings – U-0.033 / R-30A [d, e], and<br>Flat ceilings – U-0.025 / R-49, and<br>Framed floors – U-0.025 / R-38, and<br>Windows – U-0.30; and<br>Doors- All doors U-0.20, or<br>Additional 15 percent of permanently installed lighting fixtures as high-efficacy lamps or Conservation Measure D and E. |
| | **3** | **High efficiency ceiling, windows & duct sealing:** (Cannot be used with Conservation Measure E) |
| | | Vaulted ceilings – U-0.033 / R-30A [d, e], and<br>Flat ceilings – U-0.025 / R-49, and<br>Windows-U-0.30 Windows- U-0.30, and Performance tested duct systems [b] |
| | **4** | **High efficiency thermal envelope UA:** |
| | | Proposed UA is 15% lower than the Code UA when calculated in Table N1104.1(1) |
| | **5** | **Building tightness testing, ventilation & duct sealing <u>(Cannot be used with Measure E)</u>:** |
| | | A mechanical exhaust, supply, or combination system providing whole-building ventilation rates specified in Table 1101.1(3), or ASHRAE 62.2, and<br>The dwelling shall be tested with a blower door and found to exhibit no more than:<br>1. 6.0 air changes per hour [f] ~~, or~~ <u>and</u><br>~~2. 5.0 air changes per hour [f] when used with Conservation Measure E, and~~<br>Performance tested duct systems [b] |
| | **6** | **Ducted HVAC systems within conditioned space:** (Cannot be used with Conservation Measure B or C) |
| | | All ducts and air handler are contained within building envelope [i] |

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