

Residential Construction Corrections/Updates

NKBA Partner Advertisement

Last Update: April 2, 2010

The following changes apply to the 2006 printing and have been incorporated into the 2010 reprint.

Page 8 – Paragraph 3, Revise to read: The three model codes were replaced in 2000 by the *International Building Code* (IBC). Its companion, the *International Residential Code* (IRC), replaced the CABO One and Two-Family Dwelling Code. Paragraph 4, last sentence, revise to read: The code has since been revised and reissued.

Page 28 – Bottom of page - Correct boldface formula to read: **Horizontal overhang projection = vertical distance x overhang factor.**

Page 29 – Paragraph 2, sentence 1 – Correct to read: ...Salt Lake City is at North Latitude 40°.

Page 30 – Paragraph 1, sentence 2 - Correct to read: Your required overhang length will thus be $66 \times 0.29 = 19.14$ or 19 inches ($1,676 \text{ mm} \times 0.29 = 486 \text{ mm}$).

Page 39 – First paragraph under **Winds**, revise to read: Wind forces pose a design challenge in many parts of the U.S. and Canada, but are negligible in others. A series of maps in the *International Building Code* classifies design wind speeds into **basic speeds** and **three second gusts**. The lowest speeds in both categories are found along the West coastal states of Washington, Oregon, and California. As you might expect, the hurricane-prone coastal areas of the Gulf of Mexico incur the highest speeds.

Page 57 - Sizes of Milled Lumber Chart, Face Widths - For a Nominal Face Width of 5, the Actual (seasoned) Face Width is $4 \frac{1}{2}$.

Page 61 - Engineered Lumber Floor Joists Chart - Delete last row.

Page 86 – Figure 8.8: Revise sentences 3 & 4 to read: Another option is to insulate 2x4 stud cavities with R-11 or R-13 batt or blanket insulation, then add a layer of rigid foam insulation (right) on the inside to increase the total R-value to the required level. An alternative that has been gaining popularity in recent years is to fill all or part of the cavity with spray foam, which not only achieves the target R-value but also seals off air leaks and acts as a vapor barrier.

Page 134 – Figure 10.8 – Sentence 1 – Change 40 to 60, change 12,192 to 18,288.

Page 139 – Figure 10.12 – Arrow for Vapor Barrier (Warm Climates) should point to outside of wall. Add an arrow for Vapor Barrier (Cold Climates) to inside of wall.

Page 157 – Paragraph 1, last sentence: change 3/8 inch (10mm) to ¼ inch (6mm)

Page 168 – Sentence 1, after the colon, correct to read: a scratch coat, a brown coat, and a finish coat.

Page 176 – Chart: under ceramic tile for drywall, change Blueboard to Greenboard