

# Dwelling Construction Under the 2007 California Building Code

Errata to first printing

March 31, 2009

**1. Page 10, revise text as shown below:**

**Sanitation**

Every dwelling unit shall be provided with a kitchen sink and with a bathroom equipped with facilities consisting of a water closet, lavatory, and either a bathtub or shower.

Every dwelling unit must also have either a laundry tray or an automatic washer standpipe. Each sink, lavatory, and bathtub or shower shall be equipped with an adequate supply of running water necessary for its normal operation.

*(CBC CPC Table 4-1 and CBC CPC Sec. 601.1)*

**Toilet, Bath, and Shower Spaces**

Shower compartments and walls above bathtubs with installed shower heads shall be finished with a smooth, nonabsorbent surface to a height not less than 70 inches (1778 mm) above the drain inlet. *(CBC Sec. 1210.3)*

Built-in tubs with showers shall have waterproof joints between the tub and adjacent wall. *(Sec. 1210.4)* Toilet seats must be smooth and made of a nonabsorbent material. *(CBC CPC 408.21 407.2)*

~~Water closets shall be no closer than 15 inches to any obstruction or wall and 30 inches to another similar plumbing fixture. A minimum clearance of 15 inches shall be provided between the centerline of a water closet and an adjacent wall or other obstruction. Where a water closet is located adjacent to a similar plumbing fixture, a minimum of 30 inches shall be provided between centerlines. A clear space of 24 inches shall be provided in the front of all water closets~~ *(CBC CPC Sec. 407.6)*

**2. Page 12, Glazing, revise the paragraph just above Figure 9 as follows:**

For other than tempered glass, manufacturer's designations are not required, provided the building official approves the use of a certificate, affidavit, or other evidence confirming compliance with this code. Tempered spandrel glass is permitted to be identified by the manufacturer with a removable paper designation. *(CBC Secs. 2403.1, ~~24.3.1.1~~, and 2406.2)*

**3. Page 15, Figure 14: Redirect the arrow pointing to the bottom right glass panel to a note: Safety glazing not required.**

- 4. Page 20, Opening Dimension, revise the reference at the end of the paragraph as shown below:**

#### **Opening Dimensions**

Emergency escape and rescue openings shall have a minimum net clear openable area of 5.7 square feet (0.53 m<sup>2</sup>). The minimum net clear opening may be reduced to 5 square feet (0.46 m<sup>2</sup>) when the sill height of the opening is not more than 44 inches (1118 mm) above or below the finished ground level adjacent to the opening. The net clear dimensions resulting from normal operation of the window or other opening shall be not less than 24 inches (610 mm) in height and 20 inches (508 mm) in width. The bottom of the net clear opening shall be not more than 44 inches (1118 mm) above the floor. See Figure 21. (CBC Sec. 1026.32 and 1026.3)

- 5. Page 22, Figure 23, revise the notations related to exception 1 graph as follows:**

Maximum of 2 risers

Screen and storm door may swing over stairs

Applicable to all exterior interior doors ~~except the required exit door~~

- 6. Page 22, Figure 23, revise the caption related to exception 2 as follows:**

Applicable to all exterior doors ~~including~~ except the required exit door

- 7. Page 22, Figure 24, revise 36" max to 36" min.**

- 8. Page 24, Winders, add new sentence as follows:**

#### **Winders**

A winder is a tread with nonparallel edges. In residences, the minimum winder tread depth at the walk line is 10 inches (254 mm), and the minimum winder tread depth is 6 inches (152 mm). A nosing not less than 3/4 inch but not more than 1-1/4 inch is required when using solid risers for tread depths less than 11 inches. See Figure 26. (CBC Sec. 1009.3)

- 9. Page 25, Figure 26, revise as follows: Redirect the arrow showing the 10" dimension to be measured along the walk line.**

- 10. Page 44, add ACI as shown below:**

#### **Foundation Walls**

Structural plain concrete basement, foundation and other walls below the base are permitted in detached one- and two-family dwellings three stories or less in height constructed with stud-bearing walls. In dwellings assigned to Seismic Design Category D or E, the height of the wall shall not exceed 8 feet, the thickness shall not be less than 7½ inches, and the wall

shall retain no more than 4 feet of unbalanced fill. Walls shall have reinforcement in accordance with ACI 318 Section 22.6.6.5. (CBC Sec. 1908.1.15)

**11. Page 45, revise two of the notations for Figure 45 as shown below:**

Bituminous Coating or other approved material ~~listed in Section R406.4~~  
Damp-proofing material ~~listed in Section R406.4~~

**12. Page 53, Figure 48, revise Figure caption to: Draftstopping Materials for two-family dwellings**

**13. Page 78, Figure 59: revise the notation to the right side graphic to: Noncombustible fire block, min. depth of 1” placed on metal straps**

**14. Page 85, Figure 64, redirect the arrow for “Water-resistive barrier required to lap the weep screed attachment flange” to the blue vertical element instead of the pink color lath and plaster.**

**15. Page 110, Roof Assemblies, add a sentence and code references at the end of the first paragraph as follows:**

**ROOF ASSEMBLIES**

**General**

Roof coverings shall be designed, installed, and maintained in accordance with this code and the approved manufacturer’s instructions such that the roof covering materials shall be delivered in packages bearing the manufacturer’s identifying marks and approved testing agency labels. Roof coverings shall be a Class C minimum. (CBC Secs. 1503.1, 1505 and 1506.4) Flashing shall be installed in such a manner so as to prevent moisture entering the wall and roof. Flashing shall be installed at wall and roof intersections, at gutters, wherever there is a change in roof slope or direction and around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with a thickness of not less than 0.019 inch (No. 26 galvanized sheet). See Figures 68-71. (CBC Sec. 1503.2)

**16. Page 121, Figure 80a, delete the phrase at the bottom of the figures as follows: SEE PAGE 56 FOR KEY LETTER REFERENCES**

**17. Page 122, Figure 80b, revise the notation at the top of the figure as follows: SEE DETAIL A-A PAGE 55 123 (FIGURE 80c) FOR EXTENSION ABOVE ROOF**