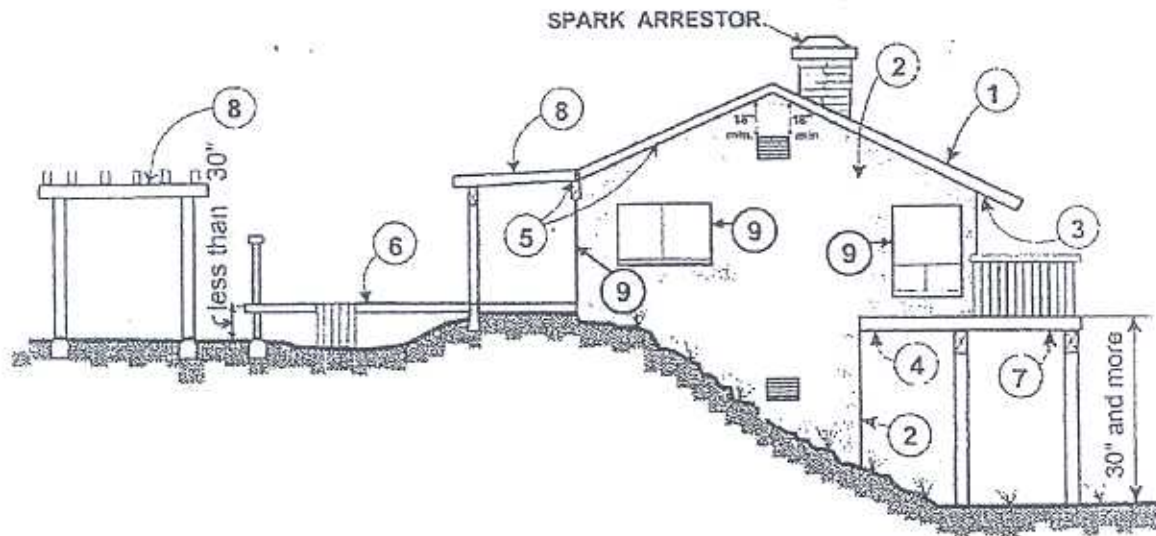


# HIGH FIRE HAZARD / FIRE HAZARD SEVERITY ZONE REQUIREMENTS

2007 California Building Code, CBC Chapter 7A



## 1. Roof Covering.

Approved materials:

- a. Class A, roofing

EXCEPTION: Wood shakes or shingles whether fire retardant or untreated, are NOT PERMITTED for roof covering.

## 2. Exterior Wall Covering.

Approved fire protective materials:

- a. 7/8" cement plaster
- b. 1" nominal thickness wood siding.
- c. 1/2" exterior plywood siding. If textured, max. groove depth, 1/8"
- d. 7/16" hardboard siding
- e. 5/8" particleboard, Exterior Type 2-M
- f. 5/8" exterior plywood, Texture 1-11. Max. groove depth 1/4"

NOTE: Wood shakes or shingles, whether fire retardant or untreated, are NOT PERMITTED for external wall covering.

## 3. Roof Overhangs.

Approved fire protection material having a flame spread of not over 25 for underside of rafters or:

- a. 7/8" cement plaster
- b. 5/8" Type X, weather protected gypsum wallboard
- c. 2 layers of 5/8" type gypsum wallboard where trusses occurs.

ALTERNATE CONSTRUCTION: Exposed 4 x 6 rafter tails, supporting 2" T&G roof decking.

## 4. Projections and Other Building Elements.

Approved fire protection for underside of floor assembly of one hour fire rated or heavy timber construction or:

- a. 7/8" cement plaster
- b. 5/8" Type X, weather protected gypsum wallboard.
- c. 2 layers of 5/8" type gypsum wallboard where trusses occurs.

ALTERNATE CONSTRUCTION: Exposed 6 x 10 floor beams and 8 x 8 posts, supporting 3" nominal thickness splined or T&G floor decking.

## 5. Ventilation Openings.

Attic or foundation ventilation openings or louvers shall not be located at or immediately below eaves or rakes, soffits or balconies or similar exterior overhangs which may be directly exposed to a fire in adjacent hazardous grass or brush areas.

## 6. Decks Less Than 30" Above Grade.

- a. Decking: Solid flooring without gaps; weatherproofed.
- b. Fire-protect underside of deck per item 4a or 4b above, or enclose perimeter with exterior wall covering per Item 2.

## 7. Decks 30" or More Above Grade.

- a. Decking: Min. 3" nominal thickness wood decking; may be spaced not more than 1/4" apart.
- b. Fire protection not required on underside.
- c. Supports when exposed shall be minimum 8 x 8 posts and 6 x 10 beams/deck joists.

## 8. Attached or Detached Patio Covers, Carports, Arbors, Open Lattice Work, and Sun Shades.

May be constructed of any materials allowed by the code.

## 9. Exterior Doors, Glazing and Window Walls.

CBC Sec. 704A.3.2.2- CBC Sec. 704A.3.2.3

- a. Doors shall be of approved noncombustible construction or 1 3/8" thick solid core wood or 20 minutes fire rated.
- b. Exterior windows, window walls, glazed doors and glazed opening within exterior doors shall have tempered glass or glass block units or 20 minutes fire rated.

# FAQ'S REGARDING THE NEW 2007 CALIFORNIA BUILDING STANDARDS CODE

## **Q:** *What is the California Building Standards Code?*

**A:** The California Building Standards Code (CBSC) is maintained by the California Building Standards Commission ([www.bsc.ca.gov](http://www.bsc.ca.gov)) and contains the codes and laws that regulate the construction of all buildings and structures in the State of California. The CBSC is Title 24 of the California Code of Regulations (CCR) and consists of eleven parts: Six (6) parts are authored by the State of California and five (5) parts are based on model codes that are authored by various model code writing bodies.

The new 2007 California Building Standards Code includes:

Part 2, 2007 California Building Code (CBC), which is based on the 2006 International Building Code (IBC) published by the International Code Council (ICC). This update is a change from the 2001 CBC which was based on the 1997 Uniform Building Code (UBC).

Part 3, 2007 California Electrical Code (CEC), which is based on the 2005 National Electrical Code (NEC) published by the National Fire Protection Association (NFPA). This update is a change from the 2004 (CEC) which was based on the 2002 NEC.

Part 4, 2007 California Mechanical Code (CMC), which is based on the 2006 Uniform Mechanical Code (UMC) published by the International Association of Plumbing and Mechanical Officials (IAPMO). This update is a change from the 2001 CMC which was based on the 2000 UMC.

Part 5, 2007 California Plumbing Code (CPC), which is based on the 2006 Uniform Plumbing Code (UPC) published by the International Association of Plumbing and Mechanical Officials (IAPMO). This update is a change from the 2001 CPC which was based on the 2000 UPC.

Part 9, 2007 California Fire Code (CFC), which is based on the 2006 International Fire Code (IFC) published by the International Code Council (ICC). This update is a change from the 2001 CFC which was based on the 2000 Uniform Fire Code (UFC).

Part 10, 2007 California Existing Building Code, which is based on the 2006 International Existing Building Code. This update is a change from the 1997 UCBC.

## **Q:** *When is the new 2007 California Building Standards Code effective?*

**A:** The new 2007 California Building Standards Code will become effective January 1, 2008.

All *Over-the-Counter* permits (*Over-the-Counter* permits are those types of permits that do not require submittal to the Building Division for plan review.) and all projects submitted to the Building Division for plan review after January 1, 2008 must comply with the new 2007 California Building Standards Code

# IMPORTANT NOTICE REGARDING THE NEW 2007 CALIFORNIA BUILDING STANDARDS CODE

**Effective January 1, 2008, a new 2007 California Building Standards Code will take effect.**

**The 2007 California Building Standards Code (CBSC) includes:**

Part 2, 2007 California Building Code (CBC), which is based on the 2006 International Building Code (IBC) published by the International Code Council (ICC). This update is a change from the 2001 CBC which was based on the 1997 Uniform Building Code (UBC).

Part 3, 2007 California Electrical Code (CEC), which is based on the 2005 National Electrical Code (NEC) published by the National Fire Protection Association (NFPA). This update is a change from the 2004 (CEC) which was based on the 2002 NEC.

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Part 10, 2007 California Existing Building Code, which is based on the 2006 International Existing Building Code. This update is a change from the 1997 UCBC.

**If you are an architect, engineer, designer, contractor, or other person that performs work within the State of California, please be advised that the new building code is based on the 2006 *International Building Code (IBC)* and it is significantly different than the 1997 *Uniform Building Code (UBC)*.**

**ALL PLAN REVIEW APPLICATIONS SUBMITTED AFTER DECEMBER 31, 2007 WILL BE REQUIRED TO COMPLY WITH THE NEW CODES.**

The 2007 CBSC is currently available for purchase from technical book stores or directly from the International Code Council, at [www.iccsafe.org](http://www.iccsafe.org).

Training classes are available through the following, and other, organizations:

CALBO [www.CALBO.org](http://www.CALBO.org)

- General training related to all I-Codes
- California amendment training LA Basin Chapter, ICC [www.icbolabc.org](http://www.icbolabc.org)
- General training related to all I-Codes
- California amendment training
- Self-study "Preparing for the 2007 CBC" (3-disc DVD set)

ICC [www.iccsafe.org](http://www.iccsafe.org)

- General training related to all I Codes

# New Codes are Coming!

## Effective January 1, 2008

*Effective January 1, 2008, all jurisdictions in the State of California, are required to adopt and enforce the following new codes:*

### **2007 California Building Code**

(Incorporates by adoption and reprints the 2006 International Building Code with California amendments. Published by the International Code Council, ICC)

### **2007 California Electrical Code**

(Incorporates by adoption and reprints the 2005 National Electrical Code with California amendments. Published by the National Fire Protection Agency, NFPA)

### **2007 California Plumbing Code**

(Incorporates by adoption and reprints the 2006 Uniform Plumbing Code with California amendments. Published by the International Association of Plumbing and Mechanical Officials, IAPMO)

### **2007 California Mechanical Code**

(Incorporates by adoption and reprints the 2006 Uniform Mechanical Code with California amendments. Published by the International Association of Plumbing and Mechanical Officials, IAPMO)

### **2007 California Energy Code**

(Published by ICC. Check the California Energy Commission's website at <http://www.energy.ca.gov> for a downloadable version.)

### **2007 California Fire Code**

(Incorporates by adoption and reprints the 2006 International Fire Code with California amendments. Published by ICC)

***All permit applications filed on or after this date are subject to the new Building Code requirements.***

