



# CALIFORNIA BUILDING CODE (2006 IBC) PUBLIC PROPOSAL FORM

PLEASE SEE REVERSE FOR INSTRUCTIONS ON SUBMITTING PUBLIC PROPOSALS. PROPOSALS MUST COMPLY WITH THESE INSTRUCTIONS.

1) Indicate the format in which you would like to receive your Public Proposals Monograph (PPM), Report of the Hearing (ROH) and Final Action Agenda (FAA):

Paper     \* CD     \*Download from ICC Website

(\*Note: A paper copy will not be sent to you if you have chosen the CD or Download format.)

2) PLEASE TYPE OR PRINT CLEARLY: FORMS WILL BE RETURNED if they contain unreadable information.

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3) \*Signature: \_\_\_\_\_  Signature on File (see over)

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4) Cost Impact: Indicate if this Proposal:  will     will not    increase the cost of construction.

5) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym: IBC

If you have also submitted a separate coordination change to another I-Code, please indicate the code: \_\_\_\_\_  
(See back of this form for list of names and acronyms for the International Codes).

6) Revision to:  Section 402.6     Table \_\_\_\_\_     Figure \_\_\_\_\_

7) PROPOSAL Please check appropriate box:

Revise as follows:     Add new text as follows     Delete and substitute as follows:     Delete without Substitution(s):

Show the proposed NEW, REVISED or DELETED TEXT in legislative format: ~~Line through text to be deleted.~~ Underline text to be added.

**402.6 Types of construction.** The area of any covered mall building, including anchor buildings, of Type I, II, III, and IV construction, shall not be limited provided the covered mall building and attached anchor buildings and parking garages are surrounded on all sides by a permanent open space of not less than 60 feet (18 288 mm) and the anchor buildings do not exceed three stories in height above the grade plane. Covered mall buildings and attached anchor buildings and enclosed parking garages greater than two stories in height above the grade plane shall be not less than Type IIA construction. The allowable height and area of anchor buildings greater than three stories in height shall comply with Section 503, as modified by Sections 504 and 506. The construction type of open parking garages and enclosed parking garages shall comply with Sections 406.3 and 406.4, respectively.

PROPOSAL Continued (Attach additional sheets as necessary)

8) SUPPORTING INFORMATION (State purpose and reason, and provide substantiation to support proposed change):

The purpose of this proposed amendment is to require covered mall buildings and attached anchor buildings and enclosed parking garages that are more than two stories in height to be constructed to meet, as a minimum, Type IIA construction. This construction type requires the structural elements to be noncombustible and to have a minimum 1-hour fire-resistance rating for the structural frame, the floors, the roof, and any bearing walls. This is important for these very large basically unlimited area buildings which house many occupancies and significantly high occupant loads, especially during peak shopping times. It will mandate a minimum built-in degree of fire-resistive protection of 1 hour to assure that adequate life safety will be provided for the occupants, as well as fire fighter safety for the fire department that must respond to a fire emergency that may be deep within the covered mall building. It also provides for an enhanced degree of property protection since it will minimize structural collapse in the early stages of a fire, thus allowing the fire department to contain and control the fire before it can cause serious property damage or structural failure. The 1-hour fire-resistive floor constructions will help to minimize fire spread from floor to floor within the occupied tenant spaces of the covered mall building, as well as within the anchor buildings.

This requirement will also maintain the current level of fire and life safety provided by the California Building Code (CBC) which also contains this minimum construction requirement. This is based on the fact that the CBC, which is based on the Uniform Building Code (UBC), has traditionally only allowed up to two stories in height for unlimited area buildings containing the types of occupancies found in many covered mall buildings. Basically, these unlimited area buildings are allowed to be constructed of any type of construction other than wood frame without any fire-resistive protection required for the structural elements or the floors of the building. Otherwise, too much reliance is being placed on the automatic sprinkler system provided to protect these very large buildings. Since the sprinkler system is not fool proof and is subject to failure, especially during a seismic event, there should be some degree of built-in passive fire-resistive protection provided to help assure that the building structural integrity will be maintained until the fire department has had adequate time to respond, effect rescue, and attack to eventually contain and control the fire.

By only requiring compliance with at least Type IIA construction, there are still significant savings that can result from not having to comply with the fire-resistive requirements of Type IB construction which would be required to otherwise allow an unlimited area for these buildings. That's because there would be a lesser degree of built-in fire-resistive protection provided. However, there would still be a minimum 1-hour fire-resistive construction provided throughout.

