



Community Development
Building Division
One North San Antonio Road
Los Altos, California 94022-3087
(650) 947-2752
Fax (650) 947-2734

**APPLICATION FOR MODIFICATION OR THE USE OF
ALTERNATIVE MATERIAL, DESIGN AND METHODS OF
CONSTRUCTION AND EQUIPMENT
(California Building Code 104.10-104.11)**

DATE: _____

ADDRESS OF WHERE WORK WILL BE DONE:

THE UNDERSIGNED HEREBY REQUESTS THE FOLLOWING:

- Modification of Code (See attached)
- Use of alternate material
- Use of alternate method of construction

CODES AFFECTED:

- | | |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> Building | <input type="checkbox"/> Electrical |
| <input type="checkbox"/> Mechanical | <input type="checkbox"/> Fire |
| <input type="checkbox"/> Plumbing | |
| <input type="checkbox"/> Other | <input type="checkbox"/> Energy |

NUMBER OF SPECIFIC SECTION INVOLVED: _____

BRIEF DESCRIPTION OF REQUEST: _____

APPLICANT:

(Name) (Address) (Phone)

The Building and Fire Official must evaluate information that the material, method of work and/or modification is equal to the Code in strength, effect, fire-resistance, durability, safety, etc.

Please supply such information to support your request. Use additional paper if necessary.

1. SUITABILITY: _____

2. STRENGTH: _____

3. EFFECTIVENESS: _____

4. FIRE RESISTANCE: _____

5. DURABILITY: _____

6. SAFETY: _____

7. TEST(S) AND TEST PROCEDURES: _____

ADDITIONAL EVIDENCE OR PROOF: _____

DATE: _____ SIGNATURE: _____

The above application and material has been reviewed and is:

ACCEPTED

REJECTED

BUILDING OFFICIAL: _____ DATE: _____

2016 CALIFORNIA BUILDING CODE

Section 104.10 Modifications

Wherever there are practical difficulties involved in carrying out the provisions of this code, the building official shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the building official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of action granting modifications shall be recorded and entered in the files of the department of building safety.

104.11 Alternative materials, design and methods of construction and equipment

The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

104.11.1 Research reports

Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

104.11.2 Tests

Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the building official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the building official for the period required for retention of public records.

104.11.3 Peer review. (OSHPD 1 & 4)

When peer review is required, it shall be performed pursuant to Section 3414A

104.11.4 Earthquake monitoring instruments (OSHPD 1 & 4)

The enforcement agency may require earthquake monitoring instruments for any building that receives approval of an alternative system for the Lateral Force Resisting System (LFRS). There shall be a sufficient number of instruments to characterize the response of the building during an earthquake and shall include at least one tri-axial free field instrument or equivalent. A proposal for instrumentation and equipment specifications shall be forwarded to the enforcement agency for review and approval. The Owner of the building shall be responsible for the implementation of the instrumentation program. Maintenance of the instrumentation and removal/processing of the records shall be the responsibility of the enforcement agency or its designated agent.