



CITY OF CONCORD
APPLICATION FOR ALTERNATE MATERIALS,
DESIGN AND METHODS OF CONSTRUCTION

This application is a request for:

- Modification to provisions of the Concord Municipal Code
Alternate material or method of construction
Exemption from disabled access due to physical or legal constraint

REFER TO THE ATTACHED INFORMATION GUIDELINE.
Complete sections 1, 2 and 3 below.

PLEASE PRINT IN INK OR TYPE.

FOR STAFF USE ONLY
Plan Check # _____ # of Stories _____
Occupancy Classification _____
Use of Building _____ # of Units _____
Project Status _____
Construction Type _____
Verified by _____
Number of Items _____ Fee Due _____
Distribution: Owner Petitioner Plan Check Inspector Fire
Other

ADDRESSES (Job Site, Owner, and Petitioner)

SITE ADDRESS

Table with 2 columns: OWNER, PETITIONER. Rows: NAME, ADDRESS, CITY STATE ZIP, DAYTIME PHONE, E-MAIL ADDRESS.

REQUEST (Submit plans if necessary to illustrate request. Additional sheets or data may be attached.) Attachments

JUSTIFICATION / FINDINGS OF EQUIVALENCY / CODE SECTIONS

PETITIONER'S SIGNATURE POSITION DATE

NOTE: Appeal of the Department Action/Determination below may be submitted to the Building Board of Appeals. A signature, statement of owner or applicant, statement of reasons for appeal, and filing fees are required. Refer to the attached Information Guideline for the appeal procedure.

FOR STAFF USE ONLY

DEPARTMENT ACTION. Is in accordance with:
104.2.8 CBC (Alternate Materials and Methods)
104.2.7 CBC (UBC Modifications)
Request requires concurrence from the Fire Marshal?... Yes No
Request lessens the fire protection requirements?..... Yes No
Request lessens the structural integrity? Yes No

FOR FIRE MARSHAL USE ONLY
Approved Disapproved Written Comments Attached
SIGNATURE DATE

DETERMINATION. This request is: Granted Granted with Conditions of Approval (ratification required) Denied

CONDITIONS OF APPROVAL:

SIGNATURE PRINT NAME POSITION DATE



Application for Alternate Materials, Design and Methods of Construction

INFORMATION GUIDELINE

October 2003

City of Concord • Building & Neighborhood Services • 1950 Parkside Drive, MS/51 • Concord, CA 94519 • (925) 671-3107 • Fax (925) 680-4877

Basis for Approval

For the Building Official and Fire Marshal or their designated agent to approve a request for modification or a request for alternate material or method of construction, he/she must determine that special, individual reasons exist that make compliance with the strict letter of the Code impractical and that equivalency is provided. The resulting condition must be in conformance with the spirit and purpose of the Code provisions involved and that such modification does not lessen fire protection, structural integrity or occupant safety. The applicant must provide sufficient information with this application to allow the above evaluation to be made.

Requirements for Submittals

The applicant/design professional shall prepare a Written Report that describes the alternate proposal along with the applicable data listed below:

- State specific code provisions for which alternative is requested and why request is being submitted.
- Describe by code section those provisions for which alternative is desired.
- Compare the proposed alternative versus the code requirements in terms of structural strength, suitability, effectiveness, fire resistance, safety and health impacts affecting the building or user of the building.
- Demonstrate that the proposed alternative is compatible with balance of code requirements.
- When applicable, specify how authoritative consensus document(s) are used to substantiate proposal. (Reference draft ICC Building Performance Code Commentary Section 1.4.2.3 for background information).
- Provide assumptions, references, and documentation of evaluation methods utilized. This includes intended use, input data, anticipated outputs, and limitations of computer models and other analytical tools or methods.
- Specify when and where special inspection and testing are required and the standards of acceptance for demonstrating compliance. Show how the proposed alternate, if accepted, will be identified on the job site.
- Where land use restrictions and building setbacks are required, deed restrictions may be an appropriate method to ensure continued compliance.
- State how and where alternate proposal is incorporated within construction plans and prepare plan amendments as necessary. The design professional has the responsibility to coordinate all construction documents and ensure compatibility between documents.
- The report and design documents shall be dated, signed and stamped by the design professional according to the plan submittal procedure.
- For alternate methods of design requests, the applicant shall set performance criteria for his design. Performance criteria shall be reviewed, amended and approved by the Building Official prior to start of design.

Alternative Design Review/Verification

The Building Official has the responsibility to review design submittals for compliance to the adopted codes and procedures. If the Building Official does not have the expertise on staff to make a thorough and competent review, the Building Official shall select a consultant that possesses the necessary qualifications to perform a third-party or peer review. Cost of peer review shall be paid by applicant to the Building Department prior to commencing the review.

- Verify that all applicable information and justifications listed above as requirements for submittals is received and verify that evaluation and design methods used by designer are appropriate to the alternative proposed.
- Verify products are being used in accordance with their listing conditions as required by recognized listing agencies. If not available, require documentation and/or testing to demonstrate compliance with intent of code and intended use.
- Evaluate performance of material and possible flaws that could affect performance of material in its installed state.

Approval of Alternate Materials, Design, and Methods of Construction

- The reviewer shall document that the submittal has been reviewed and accepted as meeting the alternative materials, design and methods of construction provisions of the code. If the Building Official is not satisfied that the applicant has met the conditions, the request should be denied in writing with the applicable reason(s).

Inspection/Field Verification

The alternate proposal as approved in the construction documents must be verified by inspection, and, where necessary, testing as follows:

- To verify that alternate materials, systems and fabricated products comply with accepted design criteria and the manufacturer's and engineer's installation procedures, inspectors should check product labeling, certification, quality assurance processes and testing, as applicable.
- When appropriate, an approved third party quality assurance inspection and testing service may be required for continuous and complex inspection and testing activities. This is intended to verify that construction complies with the code and the approved plans.

Information on Procedure for Appeal from a Determination or Action by the Building Official or Fire Marshal

Appeal from the determination or action of the Building Official or designated agent may be made to the Building Board of Appeals. To appeal, the applicant must provide special individual reasons that make compliance with the strict letter of the Code impractical. Appeals or ratification's pertaining to State Disabled Access Standards require complete evidence to substantiate that the proposed design is equivalent to that prescribed by that standards or that due to legal or physical constraints, compliance with the standards or providing equivalency would create an unreasonable hardship.

Appeals must be submitted on the Appeal Form available at Permit Counter accompanied by the proper fee. You will be notified in writing of the appeal hearing's time and date.