

**Subj:** Air Admittance Valves  
**Date:** 3/5/2007 8:24:21 PM Eastern Daylight Time  
**From:** RGrance@cityofchino.org  
**To:** [beuschel1@aol.com](mailto:beuschel1@aol.com)

Mr. Beuschel,

The City of Chino will only consider "Stuudor Air Admittance Valves" on a case-by-case basis under the provisions of the code as outlined in CPC Section 301.2. Attached you will find a copy of the necessary application that will need to be submitted for consideration. Should you have any questions, please feel free to give me a call.

<<Alternate Materials Application.pdf>>

**Russell A. Grance, CBO**

*Building Official  
City of Chino  
(909) 591-9884  
(909) 464-0777 (fax)  
[www.cityofchino.org](http://www.cityofchino.org)*



STODOL INC 727 734 7153 NO. 0993 P. 3  
**City of Chino**  
**Community Development**  
**13220 Central Ave. Chino, CA. 91710**  
**(909)591-9813**  
**Fax (909) 464-0777**

## ALTERNATE MATERIALS APPLICATION

- REQUEST FOR MODIFICATION TO PROVISIONS OF TITLE 15 OF THE CITY OF CHINO MUNICIPAL CODE**  
(See Reverse for Basis for Approval)
- REQUEST FOR ALTERNATE MATERIAL OR METHOD OF CONSTRUCTION**  
(See Reverse for Basis for Approval)

FOR STAFF USE ONLY	
Plan Check # _____	# of Stories _____
Occupancy Classification _____	
Use of Building _____	
Project Status _____	
Construction Type _____	
Verified by _____	
No. of Items _____	
Fee due _____	
<b>DISTRIBUTION:</b>	
<input type="checkbox"/> Owner	<input type="checkbox"/> .....Plan Check
<input type="checkbox"/> Petitioner	<input type="checkbox"/> .....Inspector
<input type="checkbox"/> Fire	<input type="checkbox"/> .....Other

For above requests, complete Sections 1, 2 & 3 by printing in ink or typing.

<b>1 JOB ADDRESS</b>	
Site Address: _____ Owner _____ Address _____ Zip _____ Daytime Phone ( ) _____	Petitioner _____ Address _____ Zip _____ Daytime Phone ( ) _____
<b>2 REQUEST: Submit plans if necessary to illustrate request. Additional sheets or data may be attached.</b>	
_____ _____ _____ _____	
<b>3 JUSTIFICATION/FINDING EQUIVALENCY:</b>	<b>CODE SECTIONS:</b>
_____ _____ _____	_____ _____ _____
Petitioner's Signature _____	Position _____ Date _____

**DEPARTMENT ACTION:** In accordance with:  105 UAC (Alternate materials & methods)  106 UAC (UBC Modification)

FOR FIRE DISTRICT USE ONLY	
<input type="checkbox"/> Concurrence from the Fire Marshal is required. Attached	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Written Comments
By: _____ Date _____	
<input type="checkbox"/> Request (DOES) (DOES NOT) lessen any fire protection requirements.	
FOR BUILDING DIVISION USE ONLY	
<input type="checkbox"/> Request (DOES) (DOES NOT) lessen the structural integrity	
<input type="checkbox"/> Request (DOES) (DOES NOT) lessen life safety or exiting requirements.	
The request is	<input type="checkbox"/> Granted <input type="checkbox"/> Denied
Conditions of Approval:	_____
Signature _____	Position _____ Date _____
Print Name _____	

APR 10 9:59AM 31000R INC 121 134 1155 NO. 0992 P. 4

## Guidelines for Approval of Alternate Materials, Design and Methods of Construction

### 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 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 proposed alternative is compatible with balance of code requirements.
- When applicable specify how authoritative consensus document(s) are used to substantiate proposal.
- 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 design methods used by designer are appropriate to the alternative proposed.
- Verify products are being used in accordance with their listing conditions are 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 effect performance of material in its installed state.
- 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 inspections, and, where necessary, testing as follows:

- To verify that alternate materials, systems and fabricated products comply with accepted design criteria and the manufacturers 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.