

# Code Amendment Proposal Form

For public amendments proposed to the 2021 editions of the International Codes



**Instructions:** Upload this form and all accompanying documentation. If you are submitting your proposal on a separate sheet, make sure it includes all information requested below.

All proposals must be received by **July 23, 2021**.

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## CONTACT INFORMATION

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**Organization or Representing Self:** SEAC Denver Building Department Liaison Committee

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**Signature:** David P. Renn

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## AMENDMENT PROPOSAL

**Please use a separate form for each proposal.**

- 1) Code(s) associated with this proposal. Please use acronym: DBC-IBC  
If you submitted a separate coordination change to another code, please indicate which code: \_\_\_\_\_

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
<b>DBC-AP</b>	Denver Building Code–Administrative Provisions	<b>IFC</b>	International Fire Code
<b>DBC-xxx</b>	Denver Building Code–xxx (code) amendments (e.g., DBC-IBC, DBC-IEBC)	<b>IFGC</b>	International Fuel Gas Code
<b>IBC</b>	International Building Code	<b>IRC</b>	International Residential Code
<b>IEBC</b>	International Existing Building Code	<b>IMC</b>	International Mechanical Code
<b>IECC</b>	International Energy Conservation Code	<b>IPC</b>	International Plumbing Code
		<b>DGC</b>	Denver Green Code

- 2) Please check here if a separate graphic file is provided:   
*Graphics may also be embedded within your proposal below.*
- 3) Use this template to submit your proposal or attach a separate file, but please include all items requested below in your proposal. The only formatting needed is **BOLDING**, ~~STRIKEOUT~~ AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by CPD.

**Code Sections/Tables/Figures Proposed for Revision:**

1609.1.1

**Proposal:**

Revise as follows:

**Section 1609.1.1 Determination of wind loads is amended as follows; (exceptions to first paragraph and subordinate section to remain.)**

**1609.1.1 Determination of wind loads.** Wind loads on every building or structure shall be determined in accordance with Chapters 26 to 30 of ASCE 7. The type of opening protection required, and the exposure category for the site is permitted to be determined in accordance with Section 1609 or ASCE 7. The basic design wind speed,  $V$ , shall be determined in accordance with Section 1609.3. Wind shall be assumed to come from any horizontal direction and wind pressures shall be assumed to act normal to the surface considered.

The wind speeds in Section 1609.3 are basic design wind speeds,  $V$ , and shall be converted in accordance with Section 1609.3.1 to allowable stress design wind speeds,  $V_{asd}$ , when the provisions of the standards referenced in Exceptions 4 and 5 are used.

**Supporting Information:**

The purpose of this proposal is to revise the second paragraph in 1609.1.1 to correlate with the current amendment to the first paragraph, which requires wind speeds to be in accordance with 1609.3. The second paragraph in the IBC refers to Figures 1609.3(1) through 1609.3(12) for basic wind speeds and this proposal revises this to instead refer to 1609.3 since these figures are not used because of Denver’s amendment to the first paragraph. This proposal also changes the charging language to clarify that the exceptions to paragraph 1 remain, as they are not intended to be deleted, and the notation “ $V$ ” is changed to be in italics to match the IBC.

This proposal is necessary for the City and County of Denver to correlate with current amendments for wind speeds.

To show proposed changes to the IBC, an underline/strikethrough version of the second paragraph from the IBC is as follows (proposal above shows all underline since it is a revision to the DBC-IBC instead of the IBC):

The wind speeds in ~~Figures 1609.3(1) through 1609.3(12)~~ Section 1609.3 are basic wind speeds,  $V$ , and shall be converted in accordance with Section 1609.3.1 to allowable stress design wind speeds,  $V_{asd}$ , when the provisions of the standards referenced in Exceptions 4 and 5 are used.

**Referenced Standards:**

None.

**Impact:**

This proposal is offered as a clarification, so it will have no effect on cost and is no more or less restrictive than the IBC.

**Note:** Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of construction:     Increase     Reduce     No Effect
- The effect of the proposal on the cost of design:          Increase     Reduce     No Effect
- Is the proposal more or less restrictive than the I-codes:    More         Less         Same

**Departmental Impact: (To be filled out by CPD staff)**

**Note:** CITY STAFF ONLY. Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of review:                                 Increase     Reduce     No Effect
- The effect of the proposal on the cost of enforcement/inspection:     Increase     Reduce     No Effect