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.

CONTACT INFORMATION

Name: David Renn
Date: 07/08/2021
Phone: 720-865-2813
E-mail: david.renn@denvergov.org
Organization or Representing Self: SEAC Denver Building Department Liaison Committee

By signing below, I hereby grant and assign to City and County of Denver all rights in copyright I may have in any authorship contributions I make to City and County of Denver in connection with this proposal. I understand that I will have no rights in any City and County of Denver publications that use such contributions in the form submitted by me or another similar form and certify that such contributions are not protected by the copyright of any other person or entity.

Signature: David P. Renn

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:

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBC-xxxx</td>
<td>Denver Building Code–xxxx (code) amendments</td>
</tr>
<tr>
<td>IBC</td>
<td>International Building Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
</tr>
<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
</tr>
<tr>
<td>IFC</td>
<td>International Fire Code</td>
</tr>
<tr>
<td>IFGC</td>
<td>International Fuel Gas Code</td>
</tr>
<tr>
<td>IRC</td>
<td>International Residential Code</td>
</tr>
<tr>
<td>IMC</td>
<td>International Mechanical Code</td>
</tr>
<tr>
<td>IPC</td>
<td>International Plumbing Code</td>
</tr>
<tr>
<td>DGC</td>
<td>Denver Green Code</td>
</tr>
</tbody>
</table>

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: ☒ No Effect
- The effect of the proposal on the cost of design: ☒ No Effect
- Is the proposal more or less restrictive than the I-codes: ☒ 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