Code Amendment Proposal Form
For public amendments proposed to the 2018 editions of the International Codes

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

All proposals must be received by April 26, 2019.

CONTACT INFORMATION
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Organization: Structural Engineers Association of Colorado- Denver Building Department Liaison Committee

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Signature: Rodger Young P.E.

AMENDMENT PROPOSAL
Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: 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 (e.g., DBC-IBC, DBC-IEBC)</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>
</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:

IBC 1609- Wind Loads- Section
IBC 1609.1.1 Determination of wind loads.
**Proposal:**

Revise as follows. Exceptions and subordinate sections 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, the basic design wind speed, V, and the exposure category for the site is permitted to be determined in accordance with Section 1609 or ASCE 7. Wind shall be assumed to come from any horizontal direction and wind pressures shall be assumed to act normal to the surface considered.

**Supporting Information:**

- **Purpose:** To coordinate language from the International Building Code that conflicts with Amended Section 1609.3 Basic design wind speed, of the Denver Building and Fire Code amendments.
- **Reasons:** The basic design wind speed is to be determined in the amended Section 1609.3. Revisions to that amendment are submitted separately.
- **Substantiation:** The removal of the language noted above, disallows the use of IBC Section 1609 or the ASCE 7-16 standard in determining the basic wind speed to be used in design. Graphical errors in the maps, especially as related to the Special Wind Region along the front range of Colorado, are known and may result in non-conservative wind design pressures if used in design.
- **Bibliography:** None

**Referenced Standards:**

None

**Impact:** The impact of the amendment on construction in the City and County of Denver is negligible and would assure the use of local meteorological data as described in the report titled “Colorado Front Range Gust Map-ASCE 7-10 Compatible” dated November 18, 2013.

**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