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 (SEAC) - Denver Building Department Liaison Committee

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Signature:

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: DBC-IEBC amendments

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>
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<tr>
<td>IBC</td>
<td>International Building Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
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<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
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<td>IFC</td>
<td>International Fire Code</td>
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<td>IFGC</td>
<td>International Fuel Gas Code</td>
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<td>IGCC</td>
<td>International Green Construction Code</td>
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<td>IMC</td>
<td>International Mechanical Code</td>
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<td>IPC</td>
<td>International Plumbing Code</td>
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<tr>
<td>IRC</td>
<td>International Residential 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, STRIKETHROUGH 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:
DBC-IEBC Section 404.3
DBC-IEBC 606.2.3
IEBC 405.2.4
Proposal:
Delete without substitution 2015 DBC - IEBC amendment Section 404.3, as indicated below, and Revise as follows 2015 DBC - IEBC Section 606.2.3, as indicated below.

Delete without substitution

404.3 Substantial structural damage to gravity load-carrying components. Gravity load-carrying components that have sustained substantial structural damage shall be rehabilitated to comply with the applicable provisions of the International Building Code for dead, live, and snow loads. Existing gravity load-carrying structural elements shall be permitted to be designed for live loads approved prior to the damage. If the approved live load is less than that required by Section 1607 of the International Building Code, the area designed for the nonconforming live load shall be posted with placards of approved design indicating the approved live load. Non Damaged gravity load-carrying components that receive dead, live or snow loads from rehabilitated components shall also be rehabilitated or shown to have the capacity to carry the design loads of the rehabilitation design. New structural members and connections required by this rehabilitation design shall comply with the detailing provisions of the International Building Code for new buildings of similar structure, purpose and location.

Revise as follows:

405.2.4 606.2.3 Substantial structural damage to gravity load-carrying components. Gravity load-carrying components that have sustained substantial structural damage shall be rehabilitated to comply with the applicable provisions for dead, live, and snow loads in the International Building Code. Undamaged gravity load-carrying components that receive dead, live or snow loads from rehabilitated components shall also be rehabilitated if required to comply with the design loads of the rehabilitation design.

Supporting Information:
Purpose: State the purpose of the proposed amendment to physical, environmental and customary characteristics that are specific to the City and County of Denver (e.g., clarify the code; revise outdated material; substitute new or revised material for physical, environmental and customary characteristics; add new requirements to the code; delete current requirements, etc. to reflect physical, environmental and customary characteristics that are specific to the City and County of Denver)

The purpose of these proposed changes is coordination/editorial in nature, and these changes are proposed solely to keep up with changes that were made in the 2018 IEBC.

Reasons: Clearly justify the change to current code provisions, stating why the proposal is necessary to reflect physical, environmental and customary characteristics that are specific to the City and County of Denver. Proposals that add or delete requirements shall be supported by a logical explanation that clearly shows why the current code does not reflect physical, environmental and customary characteristics that are specific to the City and County of Denver and explains how such proposal will improve the code.

In the 2015 IEBC, there was a section titled REPAIRS included in both Chapter 4, which was then the Prescriptive Compliance Method, and in Chapter 6, which was titled REPAIRS and was one of nine chapters in the Work Area Compliance Method.

However, in the 2018 IEBC, a new Chapter 4 titled REPAIRS was created that was not part of any other compliance method, and all provisions addressing repairs were removed from the three compliance methods. As such, in the 2018 IEBC, all provisions addressing repairs are included in Chapter 4 only.

The text in the 2015 DBC amendment in Section 606.2.3 is proposed to be retained because it is identical to what the text in the new Chapter 4 would be; and the current 2015 DBC amendment in Section 404.3 is proposed to be deleted because its text is somewhat different from what the text in the new Chapter 4 would be.

Substantiation: Substantiate the proposed amendment based on technical information and substantiation. Substantiation provided which is reviewed and determined as not germane to the technical issues addressed in the proposed amendment shall be identified as such.

The amendments in the current DBC-IEBC 404.3 and 606.2.3 were proposed by SEAC in 2015 to reflect environmental characteristics of the City and County of Denver concerning snow loads. The need for this amendment is the same today as it was when the current amendments were proposed during the last code hearing cycle.

Bibliography: Include a bibliography when substantiating material is associated with the amendment proposal. The proponent shall make the substantiating materials available for review.
**Referenced Standards:**

*Note:* List any new referenced standards that are proposed to be referenced in the code.

None.

**Impact:**

This proposal continues what is currently in the DBC-IEBC, so there should be no impact to the cost of construction and design. The proposal is more restrictive than the I-Codes because the I-Code provision was written for areas of the country where design snow loads are minimal or non-existent.

*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: ☒ More

**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