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
Name: Paula Hebein
Phone: 303-484-9854
Organization: Eco Roof and Solar

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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: 2018 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-.xxx</td>
<td>Denver Building Code-xxx (code) amendments</td>
</tr>
<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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</table>

2) Please check here if a separate graphic file is provided: D

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, 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 1511.1, exception 1
**Proposal:**

Delete exception as follows:

**1511.1 General.** Materials and method of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15.

**Exceptions:**

1. Roof replacement or roof recovery of existing low-slope roof coverings shall not be required to meet the minimum design slope requirements of one-quarter unit vertical in 12 units horizontal (2 percent slope) in Section 1507 for roofs that provide positive roof drainage.

**Supporting Information:**

Low slope roof systems shall have a slope of one-fourth unit vertical in 12 units horizontal. This requirement is clear on new construction, however in section 1511.1 exceptions #1 it states that this is not required on roof replacement of roof recover. We are requesting that if the current roof substrate does not already have a minimum of \( \frac{1}{4} \)" slope then IBC 1057.11-13. I be enforced. Currently there is no clear requirement.

**Note:** This section MUST include these items:

- **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)

- **Positive Drainage on roof replacement is enforced in Denver, however there is no clarity on how to achieve it as the code states that is not required, section 1511 Exceptions.**

- **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.

- **One fourth unit vertical in 12 units horizontal is adequate and should be enforced on Re-roof construction as well as new construction. Denver will deny a permit on re-roof construction if positive drainage is not met, Therefore \( \frac{1}{4} \)" taper is generally added anyway.**

- **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.

- **Positive drainage is already enforced on re-roof construction, however there is nothing that states what the minimum requirement is. Enforcing the\( \frac{1}{4} \)" per foot would set a standard that contractors can follow.**

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

- **1507.11-13.1 is already in effect on all new construction. Re-roof construction is the perfect opportunity to remedy any slope issues and is already required by Denver, however with no standardization**

**Referenced Standards:**

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

**Impact:**

**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:  IZI Increase D Reduce D No Effect
- The effect of the proposal on the cost of design:  IZI Increase D Reduce D No Effect
- Is the proposal more or less restrictive than the I-codes:  D More D Less IZI 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:  D Increase D Reduce D No Effect
- The effect of the proposal on the cost of enforcement/inspection:  D Increase D Reduce D No Effect