DENVER AMENDMENT PROPOSAL FORM
FOR CPD INTERNAL PROPOSALS TO THE 2016 DENVER BUILDING CODE AMENDMENTS AND THE 2018 INTERNATIONAL CODES

2018 CODE DEVELOPMENT CYCLE

1) Name: David Carlson
   Date: March 14, 2019
   Click or tap here to enter text.

2) Proposals should be drafted in Word with the only formatting that is needed being **BOLDING**, *STRIKEOUT* AND *UNDERLINING*. Please do not provide additional formatting such as tabs, columns, etc.

   Please use a separate form for each proposal submitted.

   Is separate graphic file provided (Yes or No):

   

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
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<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
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<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
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<td>IEBC</td>
<td>International Existing Building Code</td>
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<td>IFC</td>
<td>International Fire Code</td>
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<td>IPC</td>
<td>International Plumbing Code</td>
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<td>IRGC</td>
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<td>IFGC</td>
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<td>IMC</td>
<td>International Mechanical Code</td>
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   **AMENDMENT PROPOSAL**
   Please provide all of the following items in your amendment proposal.

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

   **International Green Construction Code (IgCC)**

   **701.3.1 (7.3.1) General.** *Building projects* shall be designed to comply with Sections 5.4, 6.4, 7.4, 8.4, 9.4, and 10.4 of ANSI/ASHRAE/IES Standard 90.1.

   **Note:** If the proposal is for a new section, indicate (new).

   **Proposal:**

   **701.3.1 (7.3.1) General.** *Building projects* shall be designed to comply with Sections 5.4, 6.4, 7.4, 8.4, 9.4, and 10.4 of ANSI/ASHRAE/IES Standard 90.1, and with all mandatory requirements in Sections C403, C404, C405, C406, C407, and C408 of the IECC; or with all mandatory requirements of ANSI/ASHRAE/IES Standard 90.1 as allowed by IECC paragraph C401.2;1.

   **Note:** Show the proposal using *strikeout, underline* format. At the beginning of each section, one of the following instruction lines are also needed:

   - Revise as follows
   - Add new text as follows
   - Delete and substitute as follows
   - Delete without substitution

   **Supporting Information:**

   The purpose of this amendment is to make Chapter 7 of the International Green Construction Code (IgCC) consistent with the applicable mechanical, electrical, and lighting requirements of the IECC. The IECC is the energy conservation code that is being enforced by the City & County of Denver, but Chapter 7 the IgCC as written makes no accommodation for the IECC. Instead Chapter 7 the IgCC is based only on requirements of ANSI/ASHRAE/IES Standard 90.1 that are then modified in a manner that is unique to only the IgCC. If the IgCC were to be adopted as a construction code as written, then IgCC Chapter 7 would create another energy conservation code that would be in conflict with the mechanical and electrical requirements of the IECC.

   November 15, 2005
**Note:** The following items are required to be included:

**Purpose:** The proponent shall clearly 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.)

**Reasons:** The proponent shall justify changing the 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 which clearly shows why the current does not reflect physical, environmental and customary characteristics that are specific to the City and County of Denver and explains how such proposals will improve the Code.

**Substantiation:** The proponent shall 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.

**Bibliography** (as needed): The proponent shall submit a bibliography when substantiating material is associated with the amendment proposal. The proponent shall make the substantiating materials available for review.

### Referenced Standards:

- 2018 International Green Construction Code (IgCC)
- 2018 IECC

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

### Impact:

The effect of the amendment would be to avoid increased design costs associated with designing to two different energy conservation codes. The proposed amendment would be somewhat less restrictive than what the IgCC would otherwise require.

**Note:** The proponent shall indicate one of the following regarding the impact of the amendment proposal:

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

### Departmental Impact:

The effect of the proposed amendment would be to avoid difficulties associated with determining compliance with two different energy conservation codes. In particular COMcheck mechanical and lighting compliance certifications are not available for the energy conservation requirements of the IgCC as written.

**Note:** Indicate one of the following regarding the impact of the amendment proposal:

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