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: Daniel Krausz Date: 3/26/19

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 ☒ No

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
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<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBC-xxx</td>
<td>Denver Building Code–xxx code base</td>
<td>IMC</td>
<td>International Mechanical Code</td>
</tr>
</tbody>
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AMENDMENT PROPOSAL

Please provide all of the following items in your amendment proposal.

**Code Sections/Tables/Figures Proposed for Revision:**
DBC-IBC 405 Underground Buildings

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

**Proposal:**

Delete and substitute as follows:

SECTION 405
UNDERGROUND BUILDINGS

*Section 405.1 General is amended by adding Exception 7:*

**Exceptions:**

7. High Rise buildings shall comply with Section 403.

*Section 405.8 Standby and emergency power is replaced with the following, Sections 405.8.1 & 405.8.2 remain:*

**405.8 Emergency power.** An emergency power system complying with Section 2702 shall be provided for power loads classified as either standby or emergency and specified in Section 405.8.1 or Section 405.8.2.

*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

Page 1 of 2
Form Revised - 2/19/19
**Supporting Information:**

The purpose of this revision is a correction.
The revision includes the deletion of an inappropriate amendment and replaces it with what may have been the intent of that amendment and as necessary to coordinate DBC Section 403.4.8 with this Section.
The current DBC amendment unintentionally removes a high-rise from additional safeguards required for underground portions of buildings by Section 405. The intent of the amendment was to ensure that additional requirements for high-rise buildings are not superseded by any lesser requirements for underground buildings. However, all requirements for underground buildings exceed those of a high-rise except for those of Section 405.8.

IBC Section 405.8 requires the same standby and emergency power in underground buildings as that required for high-rise buildings. The proposed amendment is to replace the base-code power requirements for high-rise buildings with those amended by DBCA in Section 403.4.8. Coordination of this item was previously missed because DBC Section 403.4.8 was amended to match the Fire Code and the Fire Code does not have a section on underground buildings. The need to amend Section 405.8 to coordinate with the amended IFC was confirmed by Tony Caro.

**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:**

Click or tap here to enter text.

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

**Impact:**

Click or tap here to enter text.

**Note:** The proponent shall discuss the impact of the proposed amendment and indicate one of the following for each point below regarding 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:**

Click or tap here to enter text.

**Note:** The proponent shall discuss the impact of the proposed amendment and indicate one of the following for each point below regarding 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