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 Renn, PE, SE  Date: 2/22/2019

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>
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<tbody>
<tr>
<td>DBC-xxx</td>
<td>Denver Building Code–xxx code base</td>
<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:**
DBC-IBC 705.8.1

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

**Proposal:**
Delete without substitution

**Section 705.8.1** Allowable area of openings is amended by adding the following sentence to the end of the paragraph:
The provisions of this section are applicable to exterior wall openings with or without windows, duct openings and to air transfer openings.

**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:**
This proposal is to delete a Denver amendment that is not necessary and is not related to any physical, environmental or customary characteristics that are specific to the City and County of Denver. The current amendment indicates that the provisions of 705.8.1 (Allowable area of openings) is applicable to openings with or without windows, duct openings and air transfer openings.
A review of previous Denver amendments reveals that this amendment was introduced in the 2004 amendments to the 2003 IBC and was an amendment to 2003 Section 704.8.1 (Automatic sprinkler system) that allowed buildings equipped with a sprinkler system to have the same maximum allowable area of unprotected openings as tabulated for protected openings. The intent of the amendment was to clarify that you could use this section even if there were no windows and even if there are duct and air transfer openings. With the 2009 IBC this sprinkler allowance was moved into the maximum area of exterior wall openings table as “unprotected, sprinklered” openings that have the same allowable area as protected openings. Denver’s amendments to the 2009 IBC carried the previous amendment forward but moved it to the more general section for allowable areas of openings, which references the table with the sprinkler allowance; however, it is now not clear what the intent is since it is not specific to the sprinkler allowance.

The “unprotected, sprinklered” option in Table 705.8 requires the building be equipped throughout with an automatic sprinkler system but is no requirement that exterior wall openings have windows (or some other material) in the wall openings; therefore, an amendment that states that the provisions apply for openings with or without windows is not necessary.

**Bibliography:**

2. **Amendments to the Building Code for the City and County of Denver 2004**, as published by the City and County of Denver

**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:**

None.

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

**Impact:**

**This proposal deletes an unnecessary amendment and should have no impact.**

**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:**

**This proposal deletes an unnecessary amendment and should have no impact.**

**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