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: Self

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Signature: David P. Renn

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: 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>
<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-IIBC)</td>
<td>IFGC</td>
<td>International Fuel Gas Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
</tr>
<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
<td>IPC</td>
<td>International Plumbing Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IFC</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, STRIKETOUT 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:

IBC 1105.1

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

**Revise as follows:**

### 1105.1 Public entrances.

In addition to accessible entrances required by Sections 1105.1.1 through 1105.1.7, at least 60 percent of all public entrances shall be accessible. In facilities with the occupancies and building occupant loads indicated in Table 1105.1, public entrances that are required to be accessible shall have one door be either a full power-operated door or a low-energy power-operated door. Where the public entrance includes a vestibule, at least one door into and one door out of the vestibule shall meet the requirements of this section.

### Exceptions:

1. An accessible entrance is not required to areas not required to be accessible.
2. Loading and service entrances that are not the only entrance to a tenant space.

**TABLE 1105.1**

**PUBLIC ENTRANCES WITH POWER-OPERATED DOOR**

<table>
<thead>
<tr>
<th>OCCUPANCY</th>
<th>BUILDING OCCUPANT LOAD GREATER THAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1, A-2, A-3, A-4</td>
<td>300</td>
</tr>
<tr>
<td>B, M, R-1</td>
<td>500</td>
</tr>
</tbody>
</table>

a. In mixed-use facilities, when the total sum of the building occupant load is greater than those listed, the most restrictive building occupant load shall apply.

**Note:** Show the proposal using strikethrough, underline format. At the start of each section, give one of the following instructions:

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

**Supporting Information:**

**Purpose and Reasons:** The purpose of this proposal is to add a requirement for power-operated doors at public entrances that has already been approved to be included in the 2021 IBC through the ICC Group A code hearing process. This addresses a need in Denver to provide better accessibility to buildings since it is known that many people – elderly, children and those with accessibility needs – have great difficulty, or find it impossible, to open entrance doors because of pressures, door configurations, door friction, wind, or weight of the door.

Pulling this requirement into Denver’s amendments to the 2018 IBC will keep Denver in the forefront of accessibility requirements as has been the case in Denver since 1978 when protesters blocked buses at the intersection of Colfax and Broadway to call attention to the need for more accessibility on RTD buses, which led to a wheelchair-accessible transit system in Denver and sparked a nationwide movement to call for full accessibility in public transportation. This protest also resulted in the birth of disability-rights group ADAPT (American Disabled for Attendant Programs Today), which had its annual national meeting in Denver just last year. ADAPT, and other activists, were critical in helping to get the Americans with Disabilities Act past in 1990. Also, Denver consistently ranks as one of the most accessible cities in the country in various surveys. For example, New Mobility magazine in 1997 ranked Denver as first place for disability friendly cities.

Adding the requirement for power-operated doors in certain size buildings will be a benefit to a large population of Denver (elderly, children and those with accessibility needs) and will keep with Denver’s tradition of being at the forefront of positive accessibility improvements.

**Substantiation:** The content of this proposal has already been approved by ICC and its membership for inclusion in the 2021 IBC. The ICC proposal for this is E115-18 and a complete substantiation and discussion of this proposal can be found in the attached document titled “IBC 1105.1-Renn – Additional Info E115-18.pdf. It should be noted that the ICC committee voted 13-0 to approve the proposal as submitted. The final version included public comments 1 and 2, which had a vote of 82% in favor.
Bibliography:
2018 Group A Final Action Results as published by the International Code Council
2018 Group A Public Comment Agenda (E115-18) as published by the International Code Council

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)
- **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.
- **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.
- **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:
None.

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

Impact:
This proposal will slightly increase the cost of construction and design, but this cost is far outweighed by the benefits to the public. Note that is proposal will not affect smaller projects due to the occupant load thresholds for this requirement. This proposal is more restrictive than the I-codes, which currently have no requirements for power-operated doors.

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