**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](http://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**.

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**CONTACT INFORMATION**

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Organization: Self

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Signature: Keith Peetz

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**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: IPC

<table>
<thead>
<tr>
<th>Acronym</th>
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<tbody>
<tr>
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<td>(e.g., DBC-IBC, DBC-IEBC)</td>
<td>IGCC</td>
<td>International Green Construction Code</td>
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<td>IBC</td>
<td>International Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
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<tr>
<td>IIBC</td>
<td>International Existing Building Code</td>
<td>IPC</td>
<td>International Plumbing Code</td>
</tr>
</tbody>
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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, STRIKEOUT, 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:** Modify: IBC (IPC) Section 2902.1.1 (403.1.1), 2902.1.2 (403.1.2), and 2902.2 (403.2).  
New: Section 2902.7 (403.7).

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

**Proposal:**

Revise as 2018 IBC (IPC) as follows: (the existing provisions 2016 DBC-IBC Section 2902 and IPC Section 403 remain unchanged.)
2902.1 (403.1.1) Fixture calculations. To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type shall be applied to the occupant load of each sex in accordance with Table 2902.1. Fractional numbers resulting from applying the fixture ratios of Table 2902.1 (403.1) shall be rounded up to the next whole number. For calculations involving multiple occupancies, such fractional numbers for each occupancy shall first be summed and then rounded up to the next whole number.

**Exception Exceptions:**

1. The total occupant load shall not be required to be divided in half where approved statistical data indicates a distribution of the sexes of other than 50 percent of each sex.
2. Distribution of the sexes is not required where single-user toilet and bathing room fixtures are provided in accordance with Section 2902.1.2 (403.1.2).

2902.1.2 (403.1.2) Single-user toilet facility and bathing room fixtures. The plumbing fixtures located in single-user toilet facilities and bathing rooms, including family or assisted use toilet and bathing rooms that are required by Section 1109.2.1 of the International Building Code, shall contribute toward the total number of required plumbing fixtures for a building or tenant space. Single-user toilet facilities and bathing rooms, and family or assisted-use toilet rooms and bathing rooms shall be identified for use by either sex.

The total number of fixtures shall be permitted to be based on the required number of separate facilities fixtures or based on the aggregate of any combination of single-user, all-gender, or separate facilities.

2902.2 (403.2) Separate facilities. Where plumbing fixtures are required, separate facilities shall be provided for each sex.

**Exceptions:**

1. Separate facilities shall not be required for dwelling units and sleeping units.
2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or fewer.
3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or fewer.
4. Separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.
5. Separate facilities shall not be required where single-user toilets rooms are provided in accordance with Section 2902.1.2 (403.1.2).
6. Separate facilities shall not be required for multi-user, all-gender toilet rooms having water closets and lavatory fixtures designed for use by both sexes; and privacy for water closets is provided in accordance with Section 2902.7 (403.7).

2902.7 (403.7) Privacy, multi-user all-gender toilet rooms. Where rooms having multiple water closets are designed for use by all-genders, such rooms shall comply with all of the following:

1. Each water closet shall be located in a compartment having floor-to-ceiling walls or partitions. The compartment door shall comply with all of the following:
   1.1. The door height shall be not less than 6 feet, 8 inches. Compartment door undercuts shall not exceed 0.5 inch.
   1.2. The head jamb and side jambs of the door frame shall have continuous stop mouldings that prevent viewing of the compartment interior when the door is closed.
   1.3. The door locking hardware shall provide an exterior indication that the door is secured from the inside of the compartment.
2. Each compartment shall be provided with exhaust ventilation.

The required number of lavatories shall be permitted to be located within water closet compartments provided that both of the following apply:
1. Not more than one required lavatory is located in a compartment.
2. Not more than ½ of the required number of lavatories are located in compartments.

Note: Show the proposal using strikeout, 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:**

As part of the changes to the 2018, code provisions were added to allow single user toileting features to be counted toward the total number of fixtures required. This change is proposed to clarify how multi-user toilet rooms may be configured to allow use by all-genders.

In general, this code change proposal is intended to be in harmony with the provisions for either-sex toilet rooms approved for inclusion into the 2021 IPC/IBC via code change proposals P16-18 and P15-18. The provisions of Section 2902.7 (403.7) were submitted as a Public Comment to P15-18. Section 2902.7 (403.7) was not approved by ICC Final-Action-Hearing voters for inclusion in the 2021 IBC.

![Conceptual layout of a multi-user either-sex toilet room.](image-url)
Note: List any new referenced standards that are proposed to be referenced in the code.

**Impact:**

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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 than 2021 I-Codes ☒ Less than 2018 I-Codes

**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