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

2018 CODE DEVELOPMENT CYCLE

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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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<td>Denver Building Code– xxx code base</td>
<td>IMC</td>
<td>International Mechanical Code</td>
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AMENDMENT PROPOSAL

**Proposal:**
The following IPC Sections are proposed to be deleted without substitution: Section 403.2.1, 403.2.2, 403.2.2.1, 403.3.6, 403.4.2, and 403.4.2.1

The following IPC Sections are proposed to be renumbered without revision: 403.5

The following IPC Sections are proposed to be revised: 403.3.2 and 403.4

The following IPC Sections are proposed to be new: 403.1.1, 403.1.2, 403.1.2.1, 403.1.2.2, 403.1.2.3, 403.1.2.4, 403.1.3, 403.1.3.1, 403.2, 403.5, 403.5.1, 403.5.1.1, 403.5.2, 403.5.2.1, 403.5.2.2, 403.5.2.3, 403.5.2.4, 403.7, 403.8, and 403.9

Add new text as follows:
**Section 403.1.1 Fixture calculations is amended by adding the following exception 2:**

**Exceptions:**
1. The total occupant load shall not be required to be divided in half where approved statistical data indicate 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 facilities are provided in accordance with Section 403.1.2.

Add new text as follows:
**Section 403.1.2 Single-user toilet facility and bathing room fixtures is replaced in its entirety and its subsections are added with the following:**
403.1.2 Single-user toilet facilities and bathing rooms—fixtures. Where single-user toilet facilities are provided, the total number of fixtures shall be permitted to be based on the required number for separate facilities or based on the aggregate of any combination of single-user and multi-user facilities.

403.1.2.1 Single-user toilet facility. A toilet facility containing at least one lavatory and not more than one water closet. Family or assisted-use toilet and bathing rooms that are required by IBC Section 1109.2, shall be considered a single-user toilet facility even if that water closet is enclosed within a water closet compartment or if that toilet facility or bathing room includes a child-height water closet, a child-height lavatory, or a urinal. Not more than one water closet and one lavatory located in a single-user toilet facility may contribute to the required plumbing fixtures. Urinals provided in single-user toilet facilities shall not contribute to the required fixtures. Where a building or tenant space requires only two toilet fixtures, two single-user toilet facilities shall be provided.

403.1.2.2 All-gender identification. Single-user toilet facilities including family or assisted-use toilet and bathing rooms shall be identified for use by all genders and signed as required by Section 403.4.

Exceptions:
1. For uses in Table 403.1 that require more water closets or more lavatories for females than for males, those water closets and lavatories that are in excess of that required for males shall be located in facilities specifically signed female.
2. Within individual sleeping units or dwelling units.

403.1.2.3 Privacy required. Single-user toilet facilities shall have a door that is lockable from the inside of the room.

Exceptions:
1. Within individual sleeping units or dwelling units.
2. Where approved in Group I occupancies, toilet room privacy is not required where care recipients or detainees require observation for clinical or security reasons.

403.1.2.4 Accessibility required. Where only two water-closets are required and single-user toilet facilities are provided, both single-user toilet facilities shall be fully accessible in accordance with IBC Chapter 11 and ICC A117.1-2009.

Add new text as follows:
Section 403.1.3 Lavatory distribution is replaced in its entirety and its subsection is added with the following:

403.1.3 Lavatory distribution. Where two or more toilet facilities are provided, the required number of lavatories shall be distributed proportionately to the required number of water closets.

403.1.3.1 Multi-user lavatories. Where both single-user and multi-user toilet facilities are provided, the quantity of lavatories provided for the multi-user toilet-facility shall not include lavatories within single-user toilet rooms.

Add new text as follows:
Section 403.2 Separate facilities is amended by adding exception 5 and 6:

5. Separate single-user toilet facilities may be provided where allowed by Section 403.1.2.1.
6. Separate facilities shall not be required where provided in accordance with Section 403.5.

Delete without substitution:
Section 403.2.1 Family or assisted-use or gender-neutral toilet facilities serving as separate facilities is replaced in its entirety with the following:

403.2.1 Family or assisted-use or gender-neutral toilet facilities serving as separate facilities. Where a building or tenant space requires a separate toilet facility for each sex and each toilet facility is required to have only one water closet, two family or assisted use, or gender neutral toilet facilities are required to serve as the required separate facilities. Family, gender neutral, or assisted use toilet facilities shall not be required to be identified for exclusive use by either sex as required by Section 403.4.

Delete without substitution:
Section 403.2.2 Gender-neutral toilet facilities and its subsections is added:

403.2.2 Gender-neutral toilet facilities. The following provision may be applied in lieu of Section 403.2 for the purpose of separate toilet facilities for each sex. In no case shall the total number of fixtures provided be less than that as calculated in accordance with Section 403.1.1. Both toilet facilities shall be fully accessible in accordance with IBC Chapter 11 and ICC A117.1-2009.

403.2.2.1 Separate facilities when more than two water closets are required. Where a building or tenant space requires separate toilet facilities for each sex and either toilet facility is required to have more than one water closet, separate gender-neutral single occupant toilet facilities shall be permitted to serve as the code required facilities when each toilet facility is provided with one water closet and one lavatory in a separate single-occupant room.

Lavatories shall be provided in each toilet room in accordance with this code. Such facilities shall not be required to be identified for
Exceptions:

Section 403.5 All-gender multi-user toilet facilities and its subsection are added:

403.4.2.1 Section 403.4.2 Gender-neutral signage and its subsections are added:

Delete without substitution:

Toilet

Exception:

Required public facilities shall be provided with signs that designate the sex or gender.

Section 403.4.2 “Prohibited toilet room location” shall be amended by adding the following as the last sentence:

Access to toilet rooms shall not be through food preparation areas, food storage, or ware washing or utensil storage areas, except for toilet room facilities provided exclusively for the use of employees who primarily work in the food preparation area.

Delete without substitution:

Section 403.3.6 Door locking is replaced in its entirety with the following:

403.3.6 Door locking. Where a toilet room is provided for the use of multiple occupants, the egress door for the room shall not be lockable from the inside of the room. This section does not apply to family or assisted use toilet rooms.

Delete without substitution:

Section 403.4.2 Gender-neutral signage and its subsections are added:

403.4.2 Gender-neutral signage. Gender-neutral single occupant toilet facilities provided in accordance with Sections 403.2.1, 403.2.2, and family or assisted use toilet facilities, shall be provided with signs that clearly indicate the facility is open to use by all genders.

403.4.2.1 Existing facilities. After April 30, 2018, all existing single occupant toilet facilities (consisting of one water closet and one lavatory), and family or assisted use toilet facilities, shall be provided with signs in accordance with Section 403.4.2m and single-occupant toilet facilities must also have a door lock per IBC Section 403.3.6 as amended.

Add new text as follows:

Section 403.5 All-gender multi-user toilet facilities and its subsection are added:

403.5 All-gender multi-user toilet facilities. Where all-gender multi-user toilet facilities are provided, the total number of fixtures shall be permitted to be based on the required number for separate facilities or based on the aggregate of any combination of single-user and multi-user facilities.

403.5.1 Permitted all-gender multi-user toilet facilities. All-gender multi-user toilet facilities shall be permitted where the number of provided water closets is not less than ten.

Exceptions:

1. Where an individual all-gender single multi-user toilet facility is provided with not less than six water closets and is clustered in the same area with not less than two accessible single-user toilet facilities.

2. Where an individual all-gender multi-user toilet facility is provided with not less than eight water closets and is clustered in the same...
area with not less than one accessible single-user toilet facility.

3. Where otherwise approved considering specific uses and privacy mitigation.

403.5.1.1 Separate female designated toilet facilities. For uses in Table 403.1 that require more water closets or more lavatories for females than for males, those water closets and lavatories that are in excess of that required for males shall be located in toilet rooms or facilities specifically designated female. If separate single-user female toilet rooms are provided, at least one shall be accessible in accordance with IBC Chapter 11 and ICC A117.1-2009.

403.5.2 All-gender multi-user toilet facility requirements. All-gender multi-user toilet facilities shall be signed for use by all genders and have individual toilet compartments that occupy a separate area with walls or partitions and a door enclosing the fixtures to ensure privacy.

403.5.2.1 Toilet compartments. Toilet compartments shall begin at the floor and extend to the finished ceiling, have no sightlines when the door is in the closed position and have a lockable door that has an indicator which notifies occupants on the exterior side of the door when the door is secured from the inside of the compartment.

Exception: Partial-height toilet compartments are permitted where they begin at a height not more than 4.5 inches, extend not less than 80 inches above the finished floor surface and are provided with privacy elements above the compartment extending to the finished ceiling.

403.5.2.2 Urinal calculations. Urinals shall not be substituted for more than 25 percent of the required water closets provided in all-gender multi-user toilet facilities.

403.5.2.3 Urinal compartments. Where urinals are provided in all-gender multi-user toilet facilities, they shall occupy an individual toilet compartment in accordance with Section 403.5.2.1.

Exception: A urinal and water closet are permitted within the same compartment. Only one of the fixtures shall be permitted to contribute to the required fixtures.

403.2.4 Transitional Signage. Until December 31, 2023, all buildings or tenant spaces containing all-gender multi-user toilet facilities shall post signage indicating “This facility provides all-gender multi-user toilet facilities.” Signs shall be readily visible and located near each at public entrances.

Revise as follows (renumber only):
Section 403.66 Drinking fountain location is revised.

403.66 Drinking fountain location. Drinking fountains shall not be required to be located in individual tenant spaces provided that public drinking fountains are located within a distance of travel of 500 feet (152 m) of the most remote location in the tenant space and not more than one story above or below the tenant space. Where the tenant space is in a covered or open mall, such distance shall not exceed 300 feet (91 440 mm). Drinking fountains shall be located on an accessible route.

Add text as follows:
Section 403.7 Small occupancies location is added.

403.7 Small occupancies. Drinking fountains shall not be required for an occupant load of 15 or fewer.

Add text as follows:
Section 403.8 Location of service sinks is added:

403.8 Location of service sinks. Service sinks are required on each floor where toilet facilities are provided as defined below:

1. In food service facilities and occupancies,

2. In Group R occupancies that have food, drink, or ice for consumption or handling.

Add text as follows:
Section 403.9 Drive-in facilities is added:

Section 403.9 Drive-in facilities. In addition to plumbing facilities otherwise required by Section 403.1, public toilet facilities shall be provided to serve an occupant load equal to twice the number of parking stalls provided at drive-in restaurants and drive-in movie theaters.
**Supporting Information:**

**Purpose:** These proposed amendments are intended to bring alignment with the IBC Proposal 181.

**Reasons:** See IBC Proposal 181 for further documentation.

**Substantiation:**
See IBC Proposal 181 for further documentation.

**Bibliography:**
ICC final changes to the group A 2021 I-Codes for IPC sections IPC P15-18( [http://media.iccsafe.org/code-development/group-a/IPC.pdf](http://media.iccsafe.org/code-development/group-a/IPC.pdf) )

**Referenced Standards:**

No additional proposed standards

**Impact:**
The amendment proposed will have no impact to existing single-user toilet facilities. It also has no mandated effect on all-gender multi-user toilet facilities because the proposed amendments for all-gender toilet facilities are optional and are provided for those entities that want to use them in their buildings or tenant spaces.

- **The effect of the amendment proposal on the cost of construction;** ☒ No Effect
- **The effect of the amendment proposal on the cost of design;** ☒ No Effect
- **Is the amendment proposal more- or less-restrictive than the I-Codes;** ☒ No Effect

**Departmental Impact:**
The amendment proposed will have no departmental impact to existing single-user toilet facilities. When utilized, the plan review effort will be slightly increased due to enforcement of additional requirements for all-gender multi-user toilet facilities. The change in level of effort for the inspection team is negligible for they already provide inspection for toilet facilities (it will just be with a different set of rules).

- **The effect of the amendment proposal on the cost of review;** ☒ No Effect
- **The effect of the amendment proposal on the cost of enforcement/inspection;** ☒ No Effect