



# CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

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Date: 7/16/24

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Model Code: IBC and A117.1-2017

Telephone number: 612-284-5877

Code or Rule Section: 1341 multiiple sections

Firm/Association affiliation, if any: CCLD

Topic of proposal: Adult Changing Facilities

Code or rule section to be changed: IBC and A117.1

Intended for Technical Advisory Group ("TAG"): 1341

## General Information

**Yes**    **No**

- |  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota?                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| B. Is the proposed change required due to climatic conditions of Minnesota?            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| D. Will the proposed change remedy a problem?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment?               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

## Proposed Language

1. The proposed code change is meant to:

change language contained the model code book? If so, list section(s).  
A117.1 Sections 613.1, 613.2, 613.3, and 613.4

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).  
1341.0613 A117.1 SECTION 613

delete language contained in the model code book? If so, list section(s).  
1341.0613 A117.1 SECTION 613

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).  
1341.0613 A117.1 SECTION 613

add new language that is not found in the model code book or in Minnesota Rule.  
Incorporate newly finished IAPMO Z1390 safety standard language.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

No

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~strikethrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

## Adult Changing Stations

### 1341.0011 IBC CHAPTER 11.

[For text of subparts 1 to 7, see Minnesota Rules]

Subp. 8. **IBC section 1109, Other features and facilities.**

[For text of items A to C, see Minnesota Rules]

D. Section 1109.2 is amended to update section numbering to read as follows:

~~1109.2.4~~ **1110.4 Adult-sized changing stations.** Where provided, adult changing stations shall be accessible. Where required, adult changing stations shall be accessible and shall comply with sections ~~1109.2.4.1~~ **1110.4.1** through ~~1109.2.4.4~~ **1110.4.4**.

~~1109.2.4.1~~ **1110.4.1 Where required.** At least one adult changing station shall be provided in all of the following locations:

1. In assembly and mercantile occupancies, where an aggregate of six or more male and female water closets are required. In buildings of mixed occupancy, only those water closets required for the assembly and mercantile occupancies shall be used to determine the adult changing station requirement.
2. In Group B occupancies providing educational facilities for students above the 12<sup>th</sup> grade, where an aggregate of twelve or more male and female water closets are required to serve the classrooms and lecture halls.
3. In Group E occupancies, where a room or space used for assembly purposes requires an aggregate of six or more male and female water closets for that room or space.
4. In Minnesota Department of Transportation rest areas provided with plumbing and electricity at toileting locations.
5. State park campgrounds provided with plumbing and electricity at toileting locations.
6. State park visitor centers provided with plumbing and electricity at toileting locations.
7. In hospitals and ambulatory care facilities, where an aggregate of six or more male and female water closets are required.
8. In Group B outpatient clinics, where an aggregate of six or more male and female water closets are required.

~~1109.2.4.2~~ **1110.4.2 Room.** Adult changing stations shall be located in toilet rooms that include only one water closet and only one lavatory. Fixtures located in such rooms shall be included in determining the number of fixtures provided in an occupancy. The occupants shall have access to the required adult changing station at all times that the associated occupancy is occupied.

**Exception:** Adult changing stations shall be permitted to be located in family or assisted toilet rooms required in Section 1109.2.1.

~~1109.2.4.3~~ **1110.4.3 Prohibited location.** The accessible route from public and employee toilet rooms required by Minnesota Rules, chapter 1305, to an accessible adult changing station shall not require travel through security checkpoints.

~~1109.2.4.4~~ **1110.4.4 Travel distance.** The adult changing station shall be located on an accessible route and the path of travel to the facility shall not exceed 1000 feet.

**Exception:** In Group A-4 and A-5 occupancies the path of travel shall not exceed 2000 feet.

[Items D through K are re-lettered to E through L]

**1341.0107 A117.1 Section 107, Definitions.**

(Note: Definitions found in the newly finished IAPMO Z1390 Safety Standard for Assistive Tables)

**Adult Changing Table.** See “assistive table.”

**Assistive Table.** A product produced, generally available, or used by or for persons with a physical, or cognitive disability intended to facilitate and support personal care or hygiene.

**Changing Surface.** A surface with the intended purpose of supporting a user in a reclined or lying position, which can include permanent or adjustable surfaces for back or foot support.

**1341.0603 A117.1 SECTION 603, TOILET AND BATHING ROOMS.**

Subpart 1. [Repealed, 39 SR 95]

Subpart 1a. **Section 603.2.2 Door swing.** A117.1 section 603.2.2, exception 2 is amended to read as follows:

2. Where the room is intended for individual use, including family or assisted-use, and a clear floor space is provided within the room beyond the arc of the door swing, the door shall not be required to comply with Section 603.2.2.

[For text of subpart 2, see Minnesota Rules]

**1341.0613 A117.1 SECTION 613, ADULT CHANGING STATIONS.**

A117.1 chapter 6 is amended by adding a section and subsections to read as follows:

SECTION 613

ADULT CHANGING STATIONS

**613.1 General.** Adult changing stations shall comply with Section 613.2 through 613.4. Adult changing stations include an assistive table and the maneuvering clearances. The Assistive Table shall comply with this section.

**613.2 Installation location.** Where required, adult changing stations shall be installed in accordance with the locations specified in Section 613.2.1. Where not required but provided, adult changing stations shall be installed in accordance with the locations specified in section 613.2.1 or 613.2.2.

**613.2.1 Single user or family or assisted use toilet or bathing room.** Where adult changing stations are required in an accessible toilet room with only one water closet and one lavatory, or in a family or assisted-use toilet or bathing room, the room shall provide all of the following components:

1. A dispenser for soap complying with Section 308.
2. A hand towel dispenser or hand dryer complying with Table 603.6.
3. A coat hook located in close proximity to the changing surface.
4. A waste receptacle.
5. Signage indicating “Adult Changing Station” provided at the entrance to the room and complying with the tactile and visual character requirements in Section 703.2.
6. Signage indicating the assistive table’s weight capacity and instructions for operation ~~of the changing station within the room-~~ marked on the assistive table or carrier system, with the manufacturer’s name or registered trademark, model number, and the phrase “Avoid serious injury from falling or rolling off. Always use restraint system.” Markings shall be permanent,

legible, and visible after installation, and shall be applied by etching, mechanical stamping, stamping with a permanent (non-water-soluble) ink, or molding.

**613.2.2 Room or space other than a toilet room or bathing room.** Where adult changing stations are provided in a room or space other than a toilet or bathing room and including, but not limited to nurses' work areas, therapist work areas, or special education classrooms, the adult changing station shall be located in a compartment or room that includes all of the following components:

1. Privacy provided by walls, curtains, or partitions.
2. A turning space complying with Section 304.
3. A lavatory complying with Section 606 or an alcohol-based hand sanitizer dispenser.
4. Where a lavatory is provided in the compartment or room, provide a dispenser for soap.
5. Where a lavatory is provided in the compartment or room, provide a hand towel dispenser or hand dryer complying with Table 603.6.
6. A waste receptacle.
7. Signage indicating the assistive table's weight capacity and instructions for operation marked on the assistive table or carrier system, with the manufacturer's name or registered trademark, model number, and the phrase "Avoid serious injury from falling or rolling off. Always use restraint system." Markings shall be permanent, legible, and visible after installation, and shall be applied by etching, mechanical stamping, stamping with a permanent (non-water-soluble) ink, or molding.

**613.3 Room clearances configurations.** ~~An adult changing station and its supporting structure when in the operational position~~ The assistive table shall not obstruct required clear floor spaces and maneuvering clearances at accessible elements-fixtures, maneuvering clearances at the adult changing stations, maneuvering clearances at doors or at the wheelchair turning spaces.

**Exception:** The turning spaces shall be permitted to include a toe clearance of 9 inches (227 mm) minimum above the floor and shall extend 6 inches (152 mm) maximum below the table, measured from the finished edge of the table surface when the provided adult changing station is in the lowest operational position.

**613.4 Changing surface Assistive table.** ~~A changing surface~~ An assistive table shall be provided and shall comply with Section 613.4.

**613.4.1 Safety and performance.** ~~Adult changing stations~~ The assistive table shall comply with the following safety and performance requirements:

1. Protect the user from falling from or rolling off of the changing surface along the open long sides by means ~~such as retractable safety rails~~ that comply with section 613.4.5 Safety Restraint Systems.
2. ~~Support a weight of not less than~~ Sustain a 400 ~~lbs~~ pound (182 kg) ~~applied to the changing surface~~ minimum static load.
3. Be anchored in place in accordance with section 903.6. ~~where the adult changing station is required by section 613.2.1.~~
4. Provide a changing surface that is smooth, non-absorbent, and resistant to corrosion.
5. Where electrical components are provided, they shall comply with the Minnesota Electrical Code.

6. Where operable controls are provided for adult changing stations required by section 613.2.1, they shall comply with Section 309.4.

**613.4.2 Size.** The changing surface shall be 70 inches (1778 mm) minimum in length and 30 inches (762 mm) minimum in width.

**613.4.3 Height adjustability.** The changing surface height shall be adjustable at variable heights from 17 inches (432 mm) minimum to 38 inches (965 mm) maximum above the floor as measured to the top of the changing surface.

**Exceptions:**

1. Where the adult changing station is required, a fixed height changing surface shall be permitted with the approval of the administrative authority in locations where the applicant provides documentation of prior incidents of vandalism. The fixed height changing surface shall be mounted with the top 19 inches (483 mm) minimum and 23 inches (584 mm) maximum above the floor.
2. Where the adult changing station is provided but not required by IBC Section 1109.2.4.1, a fixed height changing surface shall be permitted and shall be mounted with the top of the changing surface 19 inches (483mm) minimum and 23 inches (584mm) maximum above the floor.

**613.4.4 Maneuvering clearances.** Maneuvering clearances at the changing surface of the assistive table shall complying with Sections 613.4.4.1 and 613.4.4.2. ~~shall be provided adjacent to the changing surface;~~ Such maneuvering clearance shall be measured when the changing surface is in the operational position.

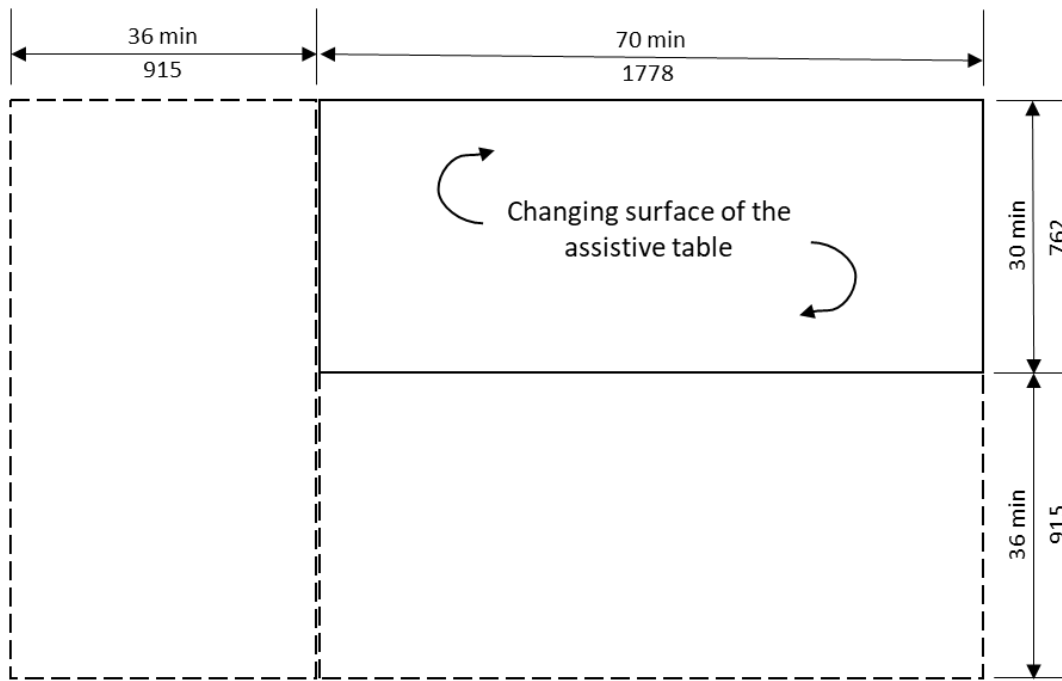
**613.4.4.1 Side maneuvering clearance.** A side maneuvering clearance 36-inch (914mm) ~~deep~~ minimum in depth ~~side-clearance~~ shall be provided along the open long side of the changing surface.

**Exception:** In the raised position, the side rail shall be permitted to overlap the side maneuvering clearance.

**613.4.4.2 End maneuvering clearance.** An end maneuvering clearance 36-inch (914mm) ~~wide~~ minimum in width ~~end-clearance~~ shall be provided along the depth of one end of the changing surface. The ~~width~~ depth of the end maneuvering clearance shall extend the depth of the changing surface and the side maneuvering clearance.

**Exceptions:**

1. An end maneuvering clearance 24-inch (610mm) ~~wide~~ minimum in width ~~end-clearance~~ shall be permitted where a clear floor space complying with Section 305.3 is provided within the room beyond the maneuvering clearances for the changing surface.
2. Where installed in locations specified in Section 613.2.2, end maneuvering clearances complying with Section 613.4.4.2 are not required.



**FIGURE 613.4.4**  
**SIDE AND END MANEUVERING CLEARANCES AT THE CHANGING SURFACE OF THE ASSISTIVE TABLE**

**613.4.5 Side Rail Safety restraint system.** ~~Where side rails are provided at the changing surface, they shall comply with Sections 613.4.5.1 and 613.4.5.2. Side rails and lap belts or harnesses shall be provided in accordance with 613.4.5.1 and 613.4.5.2. Restraint system anchor points shall be attached to the assistive table.~~

**613.4.5.1 Size and location Lap belt or harness.** ~~Side rails shall be a minimum of 2/3 of the length of the changing surface and shall be centered +/- 3 inch (75mm) along the long open sides of the changing surface. Assistive tables shall be provided with a lap belt or harness that is:~~

1. adjustable;
2. a minimum length of 56 inches (1430 mm);
3. when adjusted to any length, the long tail of the lap belt shall be protected from being trapped or caught between moving parts, under the side rails, in the side rails, or in the locking mechanisms; and
4. cleanable, non-absorbent, and resistant to corrosion.

**613.4.5.2 Rail positioning Side Rails.** ~~Side rails shall be capable of being raised and lowered. The side rail shall be fixed in place when in the raised position. The top of the side rail shall extend 5 inches (127mm) minimum above the top of the changing surface. Assistive tables shall be provided with a side rail that is:~~

1. mounted along the safe transfer long open side of the assistive table;
2. capable of being raised and lowered;
3. fixed and locked in place when in the raised position;
4. centered +/- 3 inches (75 mm) along the safe transfer long open sides of the changing surface;
5. 5 inches (5 mm) minimum above the top of the changing surface to the top of the side rail; and
6. Cleanable, non-absorbent, and resistant to corrosion.

## 1341.0902 A117.1 SECTION 902, DINING SURFACES AND WORK SURFACES.

A117.1 section 902.1, exception 2, is amended to read as follows:

**902.1 General.** Accessible dining surfaces and work surfaces shall comply with Section 902.

### **Exceptions:**

1. Dining surfaces and work surfaces primarily for children's use shall be permitted to comply with Section 902.5.
2. Adult changing surfaces shall not be required to comply with this section.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

Only the sections shown in this proposed change.

### **Need and Reason**

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

These changes incorporate the most recent updates made by the ICC/A117.1 Committee after several rounds of public comment, and input from IAPMO members to reference and use terminology, verbiage and safety standards developed for the IAPMO Z1390 Safety Standard for Assistive Tables. Minnesota has been waiting for the IAPMO Safety Standard to be completed so that we may reference appropriate safety requirements researched by IAPMO as the recognized industry standard on safety for assistive tables.

2. Why is the proposed code change a reasonable solution?

It is reasonable to ensure harmonization, as much as possible, with the national model codes and standards and to ensure safety of assistive tables used in adult changing facilities.

3. What other factors should the TAG consider?

None

### **Cost/Benefit Analysis**

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

This is an editorial change and should not impact the cost of construction.

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

No cost change

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

NA

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.



No

5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No

## **Regulatory Analysis**

1. What parties or segments of industry are affected by this proposed code change?  
Architects, Contractors, Developers, Building Owners and operators, Building Officials
2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.  
No
3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?  
Not adopting this change could compromise the safety of the assistive tables provided in adult changing facilities and create inconsistencies with the model codes and standards.
4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

No

\*\*\*Note: Incomplete forms may be returned to the submitter with instruction to complete the form. Only completed forms can be considered by the TAG.





## CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: C. Scott Anderson

Date: 7/11/24 Rev 07/17/24

Email address: c.scott.anderson@minneapolismn.gov

Model Code: 2024 IBC

Telephone number: 612-246-7303

Code or Rule Section: 1341

Firm/Association affiliation, if any: City of Minneapolis

Topic of proposal: Adult changing tables

Code or rule section to be changed: 1341

Intended for Technical Advisory Group ("TAG"):

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### General Information

**Yes**   **No**

- |  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota?                            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| B. Is the proposed change required due to climatic conditions of Minnesota?            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| D. Will the proposed change remedy a problem?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment?               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

### Proposed Language

1. The proposed code change is meant to:

- change language contained the model code book? If so, list section(s).
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- delete language contained in the model code book? If so, list section(s).
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- add new language that is not found in the model code book or in Minnesota Rule.  
1110.4 + 613

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

No

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

**1109.2.4 Adult-sized changing stations.** Where provided, adult changing stations shall be accessible. ~~Where required, adult changing stations shall be accessible and shall comply with sections 1109.2.4.1 through 1109.2.4.4.~~

**1109.2.4.1 Where required.** At least one adult changing station shall be provided in all of the following locations:

1. In assembly and mercantile occupancies, where an aggregate of six or more male and female water closets are required. In buildings of mixed occupancy, only those water closets required for the assembly and mercantile occupancies shall be used to determine the adult changing station requirement.
2. In Group B occupancies providing educational facilities for students above the 12<sup>th</sup> grade, where an aggregate of twelve or more male and female water closets are required to serve the classrooms and lecture halls.
3. In Group E occupancies, where a room or space used for assembly purposes requires an aggregate of six or more male and female water closets for that room or space.
4. In Minnesota Department of Transportation rest areas provided with plumbing and electricity at toileting locations.
5. State park campgrounds provided with plumbing and electricity at toileting locations.
6. State park visitor centers provided with plumbing and electricity at toileting locations.
7. In hospitals and ambulatory care facilities, where an aggregate of six or more male and female water closets are required.
8. In Group B outpatient clinics, where an aggregate of six or more male and female water closets are required.

**1109.2.4.2 Room.** Adult changing stations shall be located in toilet rooms that include only at least one water closet and only one lavatory. Fixtures located in such rooms shall be included in determining the number of fixtures provided in an occupancy. The occupants shall have access to the required adult changing station at all times that the associated occupancy is occupied.

**Exception:** Adult changing stations shall be permitted to be located in family or assisted toilet rooms required in Section 1109.2.1.

**1109.2.4.3 Prohibited location.** The accessible route from public and employee toilet rooms required by Minnesota Rules, chapter 1305, to an accessible adult changing station shall not require travel through security checkpoints.

**1109.2.4.4 Travel distance.** The adult changing station shall be located on an accessible route and the path of travel to the facility shall not exceed 1000 feet.

**Exception:** In Group A-4 and A-5 occupancies the path of travel shall not exceed 2000 feet.  
[Items D through K are re-lettered to E through L]

### **1341.0603 A117.1 SECTION 603, TOILET AND BATHING ROOMS.**

Subpart 1. [Repealed, 39 SR 95]

Subpart 1a. **Section 603.2.2 Door swing.** A117.1 section 603.2.2, exception 2 is amended to read as follows:

2. Where the room is intended for individual use, including family or assisted-use, and a clear floor space is provided within the room beyond the arc of the door swing, the door shall not be required to comply with Section 603.2.2.

[For text of subpart 2, see Minnesota Rules]

### **1341.0613 A117.1 SECTION 613, ADULT CHANGING STATIONS.**

A117.1 chapter 6 is amended by adding a section and subsections to read as follows:

#### **SECTION 613**

#### **ADULT CHANGING STATIONS**

**613.1 General.** Adult changing stations shall comply with Section 613.2 through 613.4.

**613.2 Installation location.** Where ~~required~~ provided, adult changing stations shall be installed in accordance with the locations specified in Section 613.2.1 or 613.2.2. ~~Where not required but provided, adult changing stations shall be installed in accordance with the locations specified in section 613.2.1 or 613.2.2.~~

**613.2.1 Single user or family or assisted use toilet or bathing room.** Where adult changing stations are required in an accessible toilet room with only one water closet and one lavatory, or in a family or assisted-use toilet or bathing room, the room shall provide all of the following components:

1. A dispenser for soap complying with Section 308.
2. A hand towel dispenser or hand dryer complying with Table 603.6.
3. A coat hook located in close proximity to the changing surface.
4. A waste receptacle.
5. Signage indicating "Adult Changing Station" provided at the entrance to the room and complying with the tactile and visual character requirements in Section 703.2.
6. Signage indicating the weight capacity and instructions for operation of the changing station within the room.

#### **613.2.2 Multiuser toilet or bathing room.**

Where adult changing stations are provided in a multiuser toilet or bathing room, the adult changing station shall be located in a compartment that includes all of the following components:

1. Privacy provided by walls, or partitions enclosing the compartment in accordance with section 1210.3.1 for waterclosets.
2. A turning space complying with Section 304.
3. A lavatory complying with Section 606.
4. A dispenser for soap complying with Section 308.
5. A hand towel dispenser or hand dryer complying with Table 603.6.
6. A coat hook in close proximity to the changing surface.
7. A waste receptacle.
8. Signage indicating "Adult Changing Station" provided at the entrance to the room and complying with the visual character requirements in Section 703.2.
9. Signage indicating the weight capacity and instructions for operation of the changing station within the compartment.

~~613.2.3 Room or space other than a toilet room or bathing room. Where adult changing stations are provided in a room or space other than a toilet or bathing room and including, but not limited to nurses' work areas, therapist work areas, or special education classrooms, the adult changing station shall be located in a compartment or room that includes all of the following components:~~

- ~~1. Privacy provided by walls, curtains, or partitions.~~
- ~~2. A turning space complying with Section 304.~~
- ~~3. A lavatory complying with Section 606 or an alcohol-based hand sanitizer dispenser.~~
- ~~4. Where a lavatory is provided in the compartment or room, provide a dispenser for soap.~~
- ~~5. Where a lavatory is provided in the compartment or room, provide a hand towel dispenser or hand dryer complying with Table 603.6.~~
- ~~6. A waste receptacle.~~

**613.3 Room clearances.** An adult changing station and its supporting structure when in the operational position shall not obstruct required clear floor spaces and clearances at accessible elements, maneuvering clearances at doors or at the wheelchair turning spaces.

**Exception:** The turning spaces shall be permitted to include a toe clearance of 9 inches (227 mm) minimum above the floor and shall extend 6 inches (152 mm) maximum below the table, measured from the finished edge of the table surface when the provided adult changing station is in the lowest operational position.

**613.4 Changing surface.** A changing surface shall be provided and shall comply with Section 613.4.

**613.4.1 Safety and performance.** Adult changing stations shall comply with the following safety and performance requirements:

1. Protect the user from falling from the changing surface along the open long sides by means such as retractable safety rails that comply with section 613.4.5.
2. Support a weight of not less than 400 lbs. (182 kg) applied to the changing surface.
3. Be anchored in place in accordance with section 903.6, where the adult changing station is required by section 613.2.1.
4. Provide a changing surface that is smooth, non-absorbent, and resistant to corrosion.
5. Where electrical components are provided, they shall comply with the Minnesota Electrical Code.
6. Where operable controls are provided for adult changing stations required by section 613.2.1, they shall comply with Section 309.4.

**613.4.2 Size.** The changing surface shall be 70 inches (1778 mm) minimum in length and 30 inches (762 mm) minimum in width.

**613.4.3 Height adjustability.** The changing surface height shall be adjustable at variable heights from 17 inches (432 mm) minimum to 38 inches (965 mm) maximum above the floor as measured to the top of the changing surface.

**Exceptions:**

1. ~~Where approved the adult changing station is required, a fixed height changing surface shall be permitted with the approval of the administrative authority in locations where the applicant provides documentation of prior incidents of vandalism. The a fixed height changing surface shall be mounted with the top 19 inches (483 mm) minimum and 23 inches (584 mm) maximum above the floor may be provided.~~
2. Where the adult changing station is provided but not required by IBC Section 1109.2.4.1, a fixed height changing surface shall be permitted and shall be mounted with the top of the changing surface 19 inches (483mm) minimum and 23 inches (584mm) maximum above the floor.

**613.4.4 Clearances.** Clearances complying with Sections 613.4.4.1 and 613.4.4.2 shall be provided adjacent to the changing surface, measured when the surface is in the operational position.

**613.4.4.1 Side clearance.** A 36-inch (914mm) deep minimum side clearance shall be provided along the open long side of the changing surface.

**Exception:** In the raised position, the side rail shall be permitted to overlap the side clearance.

**613.4.4.2 End clearance.** A 36-inch (914mm) wide minimum end clearance shall be provided along the depth of one end of the changing surface. The width of the end clearance shall extend the depth of the changing surface and the side clearance.

**Exceptions:**

1. A 24-inch (610mm) wide minimum end clearance shall be permitted where a clear floor space complying with Section 305.3 is provided within the room beyond the clearances for the changing surface.
2. Where installed in locations specified in Section 613.2.2, end clearances complying with Section 613.4.4.2 are not required.

**613.4.5 Side Rail.** Where side rails are provided at the changing surface they shall comply with Sections 613.4.5.1 and 613.4.5.2.

**613.4.5.1 Size and location.** Side rails shall be a minimum of 2/3 of the length of the changing surface and shall be centered +/- 3 inch (75mm) along the long open sides of the changing surface.

**613.4.5.2 Rail positioning.** Side rails shall be capable of being raised and lowered. The side rail shall be fixed in place when in the raised position. The top of the side rail shall extend 5 inches (127mm) minimum above the top of the changing surface.

**1341.0902 A117.1 SECTION 902, DINING SURFACES AND WORK SURFACES.**

A117.1 section 902.1, exception 2, is amended to read as follows:

**902.1 General.** Accessible dining surfaces and work surfaces shall comply with Section 902.

**Exceptions:**

1. Dining surfaces and work surfaces primarily for children's use shall be permitted to comply with Section 902.5.
2. Adult changing surfaces shall not be required to comply with this section.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

NO

### **Need and Reason**

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

The requirements for adult changing facilities as currently written are inconsistent with the intent of the code. There are one set of requirements for these facilities where they are required and separate set when they are not. If they facilities are provided, then they need to be consistently provided. This is the standard approach in other code provisions. Therefor section 1110.4 should be modified to simply state that the facilities shall be accessible. Section 1110.4.2 should be modified to allow for installation in multi-user toilet rooms. ANSI 117.1 section 613 provides requirements for installation within both single user and multiple user toilet facilities. We should simply refer to these sections and allow designers the options. Particularly as multi under toilet facilities may now be designed for use by both sexes. Section 613.2.3 should be deleted as it conflicts with the requirements of 1011.4 that these be located in toilet facilities. This is a toileting issue and therefore should only be permitted within a toilet facility. Section 614.4.3 exception 1 language has been modified to be consistent with the concept of where approved. Approved is a defined term meaning approved by the building official. Also removed is the requirement to provide evidence of vandalism as it is vague and other issues may also be considered.

2. Why is the proposed code change a reasonable solution?

This modification addresses the unique issues related to toileting requirements of persons needing to be changed including privacy.

3. What other factors should the TAG consider?

None

### **Cost/Benefit Analysis**

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

This change should not result is construction costs different from the proposed code.

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

No cost change

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

NA

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.  
No
5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.  
No

## **Regulatory Analysis**

1. What parties or segments of industry are affected by this proposed code change?  
Architects, Contractors, Developers, Building Owners, Contractors, Building Officials
2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.  
No
3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?  
Not adopting this change could result in reduced privacy for persons with disabilities needing changing table facilities.
4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.  
no

\*\*\*Note: Incomplete forms may be returned to the submitter with instruction to complete the form. Only completed forms can considered by the TAG.





## CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: Mara Peterson

Date: 07/18/2024

Email address: Mara\_Quarve@yahoo.com

Model Code: IEBC

Telephone number: 612-709-2498

Code or Rule Section: 306.7.6

Firm/Association affiliation, if any: JQP, Inc.

Topic of proposal: Clear width of route

Code or rule section to be changed: IEBC 306.7.6

Intended for Technical Advisory Group ("TAG"): 1341

### General Information

**Yes**   **No**

- |  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota?                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| B. Is the proposed change required due to climatic conditions of Minnesota?            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| D. Will the proposed change remedy a problem?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment?               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

### Proposed Language

1. The proposed code change is meant to:

change language contained the model code book? If so, list section(s).  
Change language in IEBC 306.7.6

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in the model code book? If so, list section(s).

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

add new language that is not found in the model code book or in Minnesota Rule.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

No

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

**306.7.6 Accessible route.**

Exterior accessible routes, ~~including curb ramps,~~ shall be not less than ~~36~~ 48 inches (914 1220 mm) minimum in width.

Exception: Existing curb ramps shall be not less than 36 inches (914 mm) wide.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.  
No

**Need and Reason**

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

Increasing the minimum width to 48" from 36" is consistent with the existing MN requirement for 48" minimum width for exterior accessible routes (while the 48" minimum width for exterior routes is new in the 2017 A117.1 it has been a long-standing requirement in MN).

Adding the exception for existing curb ramps to be not less than 36" is consistent with the 2024 IEBC language, consistent with the existing minimum width requirements for curb ramps (in ANSI and ADA) and acknowledges that while increasing the width of a curb ramp may be technically feasible in most situations, it is typically exponentially more expensive.

2. Why is the proposed code change a reasonable solution?

It is consistent with existing MN requirements for clear width of exterior routes while still allowing for a narrower curb ramp.

3. What other factors should the TAG consider?

This proposal is based on the discussion during the 7/17/2024 TAG meeting.

**Cost/Benefit Analysis**

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

These changes will potentially increase the cost for the accessible route, but the exception for curb ramps should help limit the cost increases that would be associated with increasing existing curb ramps from 36" – 48".

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

No

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

Building owners and managers

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.

No

5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No

## **Regulatory Analysis**

1. What parties or segments of industry are affected by this proposed code change?

Government units, land developers, landlords of multi-family housing and businesses.

2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.

The alternative would be to keep with existing proposed language in IEBC, this would lose the long standing MN requirement for 48" minimum clear width for exterior routes.

3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?

There are no additional costs for requiring 48" minimum width of exterior accessible routes because that is currently required in MN.

4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

Requiring curb ramps to be 36" wide minimum is consistent with ADA 406.1 and 405.5

\*\*\*Note: The information you provide in this code change proposal form is considered Public Data and used by the TAG to consider your proposed modification to the code. Any code change proposal form submitted to DLI may be reviewed at public TAG meetings and used by department staff and the Office of Administrative Hearings to justify the need and reasonableness of any proposed rule draft subject to administrative review and is available to the public.

\*\*\*\*Note: Incomplete forms will be returned to the submitter with instruction to complete the form. Only completed forms will be accepted and considered by the TAG. The submitter may be asked to provide additional information in support of the proposed code change.



## CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: David Fenley

Date: 7.23.2024

Email address: david.fenley@state.mn.us

Model Code: A117.1

Telephone number: 651.587.3899

Code or Rule Section: MR 1341

Firm/Association affiliation, if any: Minnesota Council on Disability Topic of proposal: Disability Parking signage

Code or rule section to be changed: 502.7

Intended for Technical Advisory Group ("TAG"): 1341

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### General Information

Yes   No

- |  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota?                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| B. Is the proposed change required due to climatic conditions of Minnesota?            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| D. Will the proposed change remedy a problem?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment?               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

### Proposed Language

1. The proposed code change is meant to:

change language contained the model code book? If so, list section(s).

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in the model code book? If so, list section(s).

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

add new language that is not found in the model code book or in Minnesota Rule.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.  
Yes.

Sec. 59. Minnesota Statutes 2022, section 169.346, subdivision 2, is amended to read:

Subd. 2. Disability parking space signs. (a) Parking spaces reserved for physically disabled persons must be designated and identified by the posting of signs incorporating the international symbol of access in white on blue and indicating that violators are subject to a fine of up to \$200. These parking spaces are reserved for disabled persons with motor vehicles displaying the required certificate, plates, permit valid for 30 days, or insignia.

(b) For purposes of this subdivision, a parking space that is clearly identified as reserved for physically disabled persons by a permanently posted sign that does not meet all design standards, is considered designated and reserved for physically disabled persons. A sign posted for the purpose of this section must be visible from inside a motor vehicle parked in the space, be kept clear of snow or other obstructions which block its visibility, and be nonmovable.

(c) By August 1, 2024, the Minnesota Council on Disability must select and propose a statewide uniform disability parking space sign that is consistent with the Americans with Disabilities Act. The selected and proposed sign must not display any variation of the word "handicapped." As part of selecting and proposing a statewide uniform disability parking space sign, the Minnesota Council on Disability may encourage owners or managers of property to replace existing disability parking space signs at the owner's earliest opportunity once the sign is made available for distribution.

(d) Beginning on August 1, 2025, an applicable owner or manager of property on which a disability parking sign may be located must install and display the new uniform disability parking sign required in paragraph (c) at:

(1) newly created on-site parking facilities; and

(2) existing on-site parking facilities when the manager or owner replaces existing disability parking space signs.

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

#### 502.7 Identification.

Accessible parking spaces shall be identified by signs complying with Minnesota Statutes, Section 169.346, and include the International Symbol of Accessibility complying with Section 703.6.3.1. and the sign must not display any variation of the word "handicapped." Where all accessible parking spaces do not provide a minimum vertical clearance of 98 inches (2490 mm), signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be centered at the head end of the parking space a maximum of 96 inches (2440 mm) from the head of the parking space, and be mounted 60 inches (1525 mm) minimum and 66 inches (1676 mm) maximum above the floor of the parking space, measured to the bottom of the sign.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.  
No.

#### **Need and Reason**

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

In 2024 the MN Legislature determined that the term “handicapped” is outdated and offensive to many folks with disabilities. This word was eliminated from state statutes in 2007. Disability parking signs are available in MN that do not meet current code. This change will help compel uniformity.

2. Why is the proposed code change a reasonable solution?

It already should not be on the signage but it is everywhere. Also, there should be no acceptability of offensive language on publicly approved signage.

3. What other factors should the TAG consider?

### **Cost/Benefit Analysis**

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.  
No change. It applies to new signage and replaced signage only.
2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.
3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.
4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.
5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

### **Regulatory Analysis**

1. What parties or segments of industry are affected by this proposed code change?  
Any entity that owns or manages a parking lot.
2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.



3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?  
The continued usage of outdated and offensive language.
4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

\*\*\*Note: The information you provide in this code change proposal form is considered Public Data and used by the TAG to consider your proposed modification to the code. Any code change proposal form submitted to DLI may be reviewed at public TAG meetings and used by department staff and the Office of Administrative Hearings to justify the need and reasonableness of any proposed rule draft subject to administrative review and is available to the public.

\*\*\*\*Note: Incomplete forms will be returned to the submitter with instruction to complete the form. Only completed forms will be accepted and considered by the TAG. The submitter may be asked to provide additional information in support of the proposed code change.