MINNESOTA RULES, CHAPTER 1341
MINNESOTA ACCESSIBILITY CODE

1341.0005 INCORPORATION OF CHAPTER 11 OF THE ~~2006~~ 2012 INTERNATIONAL BUILDING CODE BY REFERENCE.

For purposes of this chapter, "IBC" means the ~~2006~~ 2012 edition of the International Building Code as promulgated by the International Code Council, Inc., Falls Church, Virginia. Chapter 11 of the IBC is incorporated by reference and made part of the Minnesota State Building Code except as amended in this chapter. Portions of this chapter reproduce text and tables from the IBC. The IBC is not subject to frequent change and a copy of the IBC, with amendments for use in Minnesota, is available in the office of the commissioner of labor and industry. The IBC is copyright ~~2006~~ 2012 by the International Code Council, Inc. All rights reserved.

SONAR: This is necessary to update to the new version of the IBC. There is no cost associated with this provision.

1341.0010 REFERENCED STANDARD.

For purposes of this chapter, "ICC A117.1" means the ~~2003~~ 2009 edition of ICC/ANSI A117.1 as promulgated by the Accredited Standards Committee A117 on Architectural Features and Site Design of Public Buildings and Residential Structures for Persons with Disabilities. The ICC/ANSI A117.1-~~2003~~ 2009 edition is approved by the American National Standard Institute (ANSI) and owned by the International Code Council, Inc. ICC A117.1 is incorporated by reference in IBC Chapter 11 and made part of the Minnesota State Building Code except as amended in this chapter. Portions of this chapter reproduce text and tables from the ICC A117.1. The ICC A117.1 is not subject to frequent change and a copy of the ICC A117.1, with amendments for use in Minnesota, is available in the office of the commissioner of labor and industry. The ICC A117.1 is copyright ~~2004~~ 2010 by the International Code Council, Inc. All rights reserved.

SONAR: This is necessary to update to the new version of the A117.1. There is no cost associated with this provision.

1341.0011 IBC CHAPTER 11.

NEW PROVISION:

1101.4 Calculation of Percentages. Where the required number of elements or facilities to be provided is determined by calculations of ratios or percentages and remainders or fractions result, the next greater whole number of such elements or facilities shall be provided. Where the determination of the required size or dimension of an element or facility involves ratios or percentages, rounding down for values less than one-half shall be permitted.

SONAR: This is necessary to provide guidance for both the scoping provisions of the IBC and the technical provisions of the A117.1. This provision previously existed as an amendment to the A117.1 and is being relocated to better apply to both the IBC and A117.1. There is no cost

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associated with this provision.

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Subp. 2. **IBC Section 1102, Definitions.** IBC Section 1102 is amended ~~by adding a definition~~ to read as follows:

1102.1 Definitions. The following words and terms shall, for the purposes of this chapter, have the meanings shown herein:

ACCESSIBLE. A site, building, facility or portion thereof that complies with this chapter.

ACCESSIBLE ROUTE. A continuous, unobstructed path that complies with this chapter.

ACCESSIBLE UNIT. A dwelling unit or sleeping unit that complies with this code and the provisions for Accessible units in ICC A117.1.

CIRCULATION PATH. An exterior or interior way of passage from one place to another for pedestrians.

COMMON USE. Interior or exterior circulation paths, rooms, spaces or elements that are not for public use and are made available for the shared use of two or more people.

DETECTABLE WARNING. A standardized surface feature built in or applied to walking surfaces or other elements to warn visually impaired persons of hazards on a circulation path.

EMPLOYEE WORK AREA. All or any portion of a space used only by employees and only for work. Corridors, toilet rooms, kitchenettes and break rooms are not employee work areas.

FACILITY. All or any portion of buildings, structures, site improvements, elements and pedestrian or vehicular routes located on a site.

INTENDED TO BE OCCUPIED AS A RESIDENCE. This refers to a dwelling unit or sleeping unit that can or will be used all or part of the time as the occupant's place of abode.

MULTILEVEL ASSEMBLY SEATING. Seating that is arranged in distinct levels where each level is comprised of either multiple rows, or a single row of box seats accessed from a separate level.

MULTISTORY UNIT. A dwelling unit or sleeping unit with habitable space located on more than one story.

PRIMARY FUNCTION. A primary function is a major activity for which the facility is intended. Areas that contain a primary function include, but are not limited to, the customer service lobby of a bank, the dining area of a cafeteria, the meeting rooms in a conference center, as well as offices and other work areas in which the activities of the public accommodation or other private entity using the facility are carried out. Mechanical rooms, boiler rooms, supply storage rooms, employee lounges or locker rooms, janitorial closets, entrances, corridors and restrooms are not areas containing a primary function.

PUBLIC ENTRANCE. An entrance that is not a service entrance or a restricted entrance.

PUBLIC-USE AREAS. Interior or exterior rooms or spaces that are made available to the general public.

RESTRICTED ENTRANCE. An entrance that is made available for common use on a controlled basis, but not public use, and that is not a service entrance.

SELF-SERVICE STORAGE FACILITY. Real property designed and used for the purpose of renting or leasing individual storage spaces to customers for the purpose of storing and removing personal property on a self-service basis.

SERVICE ENTRANCE. An entrance intended primarily for delivery of goods or services.

SITE. A parcel of land bounded by a lot line or a designated portion of a public right-of-way.

TECHNICALLY INFEASIBLE. An alteration of a building or a facility that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features which are in full and strict compliance with the minimum requirements for new construction and which are necessary to provide accessibility.

TYPE A UNIT. A dwelling unit or sleeping unit designed and constructed for accessibility in accordance with this code and the provisions for Type A units in ICC A117.1.

TYPE B UNIT. A dwelling unit or sleeping unit designed and constructed for accessibility in accordance with this code and the provisions for Type B units in ICC A117.1, consistent with the design and construction requirements of the federal Fair Housing Act.

WHEELCHAIR SPACE. A space for a single wheelchair and its occupant.

SONAR: ICC relocated these definitions to chapter 2. It is necessary to include these definitions in Minnesota Rule, chapter 1341 so they are available to non-code areas of the state required to enforce the accessibility provisions of the code. There is no cost associated with this provision.

Subp. 3. **IBC Section 1103, Scoping requirements.**

A. IBC Section 1103.2.1, Specific requirements, is amended to read as follows:

1103.2.1 Specific requirements. Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104 through ~~1114~~1113.

SONAR: This is necessary to correlate with the new numbering of the IBC. There is no cost associated with this provision.

B. IBC Section 1103.2.2, Existing buildings, is amended to read as follows:

1103.2.2 Existing buildings. Existing buildings shall comply with Sections 1111 through 1113 as applicable ~~1112, 1113, and 1114~~.

SONAR: This is necessary to coordinate with the new numbering of the IBC. There is no cost associated with this provision.

C. IBC Section 1103.2.12, Day care facilities, is deleted in its entirety.

NEW PROVISION:
~~**1103.2.13 Live/work units.** In Live/work units constructed in accordance with Section 419, the portion of the unit utilized for nonresidential use is required to be accessible. The residential portion of the Live/work unit is required to be evaluated separately in accordance with Sections 1107.6.2 and 1107.7.~~

SONAR:
Live/Work Units are being deleted from the code in favor of local zoning ordinances.
Live/Work Units are commonly referred to as "home occupations" in Minnesota and are considered a local zoning issue. This change is needed and reasonable to avoid conflicts with local zoning regulations.~~Live/work units are not addressed in the International Residential Code where live/work units would most likely be constructed. Deleting the live/work provisions in the IBC eliminates inconsistency between the two codes.~~ This should decrease cost.

REPEAL:
~~D. IBC Section 1103.2.14, Fuel dispensing systems, is deleted in its entirety.~~

SONAR: This is necessary due to the relocation of fuel-dispensing systems in the IBC to Section 1109.14. There is no cost associated with this provision.

NEW PROVISION:
1103.2.16 Recreational facilities. Recreational equipment such as play structures, amusement rides, and miniature golf are not required to be accessible.

SONAR: This is necessary to provide clarification that these types of structures and elements are not included in the scope of the building code provisions. There is no cost associated with this provision.

NEW PROVISION:
1103.2.17 Equipment and appliances. Controls and operating mechanisms on ATM machines, vending machines, kiosk equipment, beverage dispensing devices other than drinking fountains or required water provision devices, telephones, refrigerators, microwave ovens, ovens, cooktops, dishwashers, washing machines, and cloths dryers are not required to be accessible.

SONAR: This is necessary to provide clarification that these types of appliances and elements

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are not included in the scope of the building code provisions. This could decrease cost.

NEW PROVISION:
1103.2.18 Nursing home and boarding care resident rooms. In nursing home and boarding care facilities licensed by the Department of Health, nursing home and boarding care resident rooms, and common use bathing rooms provided solely for nursing home and boarding care resident use, are not required to comply with this chapter.

SONAR: This is necessary to avoid conflict and duplication of effort with the Department of Health. This should decrease cost.

NEW PROVISION:
1104.3 Connected spaces. When a building or portion of a building is required to be accessible, an accessible route shall be provided to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and the public way.

Exceptions:

1. In a building, room or space used for assembly purposes with fixed seating, an accessible route shall not be required to serve levels where wheelchair spaces are not provided.
2. In Group I-2 facilities, doors to sleeping units shall be exempted from the requirements for maneuvering clearance at the room side provided the door is a minimum of 44 inches (1118 mm) in width.

SONAR: This is excessive as it exempts all sleeping units with 44 inch doors in hospitals, nursing homes, and rehab facilities. This is not a scoping provision and does not belong in chapter 11 because it deals with maneuvering clearance based on size of door which is a technical provision. Deleting the exception could increase cost.

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Subp. 4. **IBC Section 1104, Accessible route.**

A. IBC Section 1104.4, Multilevel buildings and facilities, is amended to read as follows:

1104.4 Multilevel buildings and facilities. At least one accessible route shall connect each level, including mezzanines, in multilevel buildings and facilities.

Exceptions:

1. An accessible route is not required to stories and mezzanines above and below accessible levels that have an occupant load of not more than 30 and are located above or below an accessible levelaggregate area of not more than 3,000 square feet (278.7 m^2). This exception shall not apply to:

1.1 Public areas of Group M occupancies;
1.2 Public areas of health care providers (Group B or Group I);
1.3 Public areas of passenger transportation facilities and airports (Group A-3 or Group B); or
1.4 Public areas of municipal and government facilities; or

~~1.5 Any story or mezzanine with an occupant load of more than 30~~.

2. ~~In Group A, I, R, and S occupancies,~~ levels that do not contain accessible elements or other spaces ~~required~~ as determined by Section 1107 or 1108 are not required to be served by an accessible route from an accessible level.

3. In air traffic control towers, an accessible route is not required to serve the cab and the floor immediately below the cab.

4. Where a two-story building or facility has one story with an occupant load of five or fewer persons that does not contain public use space, that story shall not be required to be connected by an accessible route to the story above or below.

5. Vertical access to elevated employee work stations within a courtroom is not required at the time of initial construction, provided a ramp, lift or elevator can be installed without requiring reconfiguration or extension of the courtroom or extension of the electrical system.

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SONAR: The modification to Exception 1 is necessary to eliminate the consideration of size (square footage) of the space and only base the provision on occupant load. This is reasonable as the concern with access is a matter of people and not simply size of the space. This could reduce costs for areas with small occupant loads. Subsection 1.4 is modified in order to comply with Title II of the ADA which does not provide an exception for any space in government facilities. This could increase cost when dealing with exceptionally small spaces. Exception 5 is necessary to coordinate with modifications in the IBC and could decrease cost.

B. IBC Section 1104.5, Location, is amended to read as follows:

1104.5 Location. Accessible routes shall be the shortest route possible and coincide with ~~or be located in the same area as~~ a primary use general circulation path. Where the circulation path is interior, the accessible route shall also be interior. Where the circulation path is within a tenant space, the accessible route shall also be within the tenant space. Where only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, restrooms, closets, or similar spaces.

Exceptions:

1. Accessible routes from parking garages contained within and serving Type B ~~dwelling~~ units are required to be interior only when the garage provides required accessible parking and where dwelling units not providing accessible parking are provided with interior routes.

2. A single accessible route is permitted to pass through a kitchen or storage room in an Accessible unit, Type A unit, or Type B unit.

3. Where the accessible route cannot coincide with a general circulation path, the accessible route shall be located in the same area as the general circulation path.

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SONAR: This is necessary to provide clarification on the appropriate location of the accessible

route. It is appropriate that if a route is provided within a tenant space that an accessible route also be within the tenant space. This will increase cost for multistory tenant spaces.

NEW PROVISION:
1106.7.5 Bus boarding and alighting. At least one bus boarding and alighting space in each boarding and alighting area shall be accessible.

SONAR: This is necessary to provide criteria for an issue not currently addressed in the code. It is reasonable to address this issue as it is not an uncommon condition. This could increase cost.

NEW PROVISION:
1106.8 Restriping. Renewing existing parking striping shall be allowed. New striping, due to surface sealcoating, resurfacing, reconfiguration of parking spaces, or other reason, shall provide accessible spaces as applicable in Sections 1106.1 through 1106.7.

SONAR: This is necessary to provide guidance for a common situation. This could increase cost.

Subp. 6. **IBC Section 1107, Dwelling units and sleeping units.**

A. IBC Section 1107.4, Accessible route, is amended to read as follows:

1107.4 Accessible route. At least one accessible route shall connect accessible building or facility entrances with the primary entrance of each Accessible unit, Type A unit, and Type B unit within the building or facility and with those exterior and interior spaces and facilities that serve the units.

Exception~~s~~:

~~1.~~ If, due to circumstances outside the control of the owner, either the slope of the finished ground level between accessible facilities and Type B units ~~intended to be occupied as a residence~~ exceeds one unit vertical in 12 units horizontal (1:12), or where physical barriers or legal restrictions prevent the installation of an accessible route, a vehicular route with parking that complies with Section 1106 at each public or common use facility or building is permitted in place of the accessible route.

~~2. Exterior decks, patios, or balconies that are part of Type B units and have impervious surfaces, and that are not more than two inches (50 mm) below the finished floor level of the adjacent interior space of the unit.~~

SONAR: This is necessary to provide clarification for the requirement and to eliminate duplication of a provision in the A117.1. There is no cost associated with this provision.

NEW PROVISION:
1107.5 Group I. Accessible units and Type B units shall be provided in Group I occupancies in

accordance with Sections 1107.5.1 through 1107.5.5. Dwelling units and sleeping units intended to be used by guests in Groups I-1 and I-2 occupancies providing Accessible units or Type B units shall comply with Sections 1107.6.1.1, 1107.6.1.3, and 1107.6.1.5.

SONAR: This is necessary to address transient type units provided for guests or visitors in Group I occupancies. There is no cost associated with this change as it is a clarification of current rule.

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B. IBC Section 1107.5.2 Group I-2 nursing homes, is ~~deleted in its entirety.~~amended to read as follows:

~~IBC Section 1107.5.2.1, Accessible units, is amended to read as follows:~~

~~**1107.5.2.1 Accessible units.** At least 50 percent but not less than one of each type of the dwelling and sleeping units shall be Accessible units.~~

~~**Exception:** When approved by the administrative authority, up to, but not to exceed, 80 percent of the dwelling units and sleeping units required to be Accessible units shall be permitted to be designed for assisted use.~~

1107.5.2 Group I-2 nursing homes and boarding care facilities. In nursing homes and boarding care facilities licensed by the Department of Health, nursing home and boarding care resident rooms, and common use bathing rooms provided only for nursing home and boarding care resident use, shall comply with rules established by the Department of Health and are not required to comply with this chapter. Other than resident sleeping rooms and bathing rooms, common use areas and rooms and spaces available to the general public or available for use by residents shall comply with the applicable provisions of this chapter.

SONAR: This is necessary to avoid conflict and duplication of effort with the Department of Health within the resident sleeping units and bathing facilities. Areas other than resident sleeping rooms and bathing facilities are required to comply with applicable accessibility requirements. This will reduce cost.

NEW PROVISION:

1107.5.5.1 Group I-3 sleeping units. In ~~each security classification level of~~ Group I-3 occupancies, at least 3 percent, but not less than one, of the dwelling units and sleeping units shall be Accessible units. Accessible units shall be dispersed among the various classification levels.

SONAR: To comply with DOJ Regulations 35.151 (k). This increases the number of Accessible units and increases cost.

C. IBC Section 1107.6, Group R, is amended to read as follows:

1107.6 Group R. Dwelling units and sleeping units~~Accessible units, Type A units, Type B units, and units with communication features~~ shall be provided in Group R occupancies in accordance with Sections 1107.6.1 through 1107.6.4. Dwelling units and sleeping units intended to be used

by guests in Groups R-2, R-3, and R-4 occupancies providing Type A units or Type B units shall comply with Sections 1107.6.1.1, 1107.6.1.3, and 1107.6.1.5. Facilities that provide student housing shall be considered sleeping units and comply with Sections 1107.6.1.1 through 1107.6.1.5. Bedrooms within student housing facilities and congregate living facilities shall be considered sleeping units for the purpose of determining the number of units.

SONAR: ~~This~~It is necessary to address transient type units provided for guests or visitors in Group R occupancies. It is reasonable that these units be Accessible units. There is no cost associated with this change as it is a clarification of current rule.
The change to student housing is necessary to ensure that any occupancy group that provides student housing provides Accessible units and Type B units. It requires that individual bedrooms be counted separately in order to determine the number of rooms required to be Accessible units. As this will expand the types of Group R occupancies providing student housing that are required to provide accessibility, it will increase cost.

D. IBC Section 1107.6.1, Group R-1, is amended to read as follows:

1107.6.1 Group R-1. Accessible units, Type B units, and units with communication features shall be provided in Group R-1 occupancies in accordance with Sections 1107.6.1.1 through 1107.6.1.~~5~~4. Units not required to be Accessible units or Type B units shall comply with Section 1107.6.1.5.

SONAR: This is necessary to address units that are only required to provide the door clearance specified in Section 1107.6.1.5. There is no cost associated with this change as it is a clarification of current rule.

E. IBC Section 1107.6.1.1, Accessible units, is amended to read as follows[IBC Table 1107.6.1.1 to be retained]:

1107.6.1.1 Accessible units. Accessible dwelling units and sleeping units shall be provided in accordance with Table 1107.6.1.1. All ~~facilities~~ dwelling units and sleeping units on a site shall be considered to determine the total number of Accessible units.

~~**Table 1107.6.1.1**~~

~~**Accessible Dwelling and Sleeping Units**~~

~~Total Number of Units Provided~~	~~Minimum Required Number of Accessible Units Associated with Roll-in Showers~~	~~Total Number of Required Accessible Units~~

~~Total Number of Units Provided~~	~~Minimum Required Number of Accessible Units Associated with Roll-in Showers~~	~~Total Number of Required Accessible Units~~
~~1 to 25~~	~~0~~	~~1~~
~~26 to 50~~	~~0~~	~~2~~
~~51 to 75~~	~~1~~	~~4~~
~~76 to 100~~	~~1~~	~~5~~
~~101 to 150~~	~~2~~	~~7~~
~~151 to 200~~	~~2~~	~~8~~
~~201 to 300~~	~~3~~	~~10~~
~~301 to 400~~	~~4~~	~~12~~
~~401 to 500~~	~~4~~	~~13~~
~~501 to 1,000~~	~~1 percent of total~~	~~3 percent of total~~
~~Over 1,000~~	~~10, plus 1 for each 100, or fraction thereof, over 1,000~~	~~30, plus 2 for each 100, or fraction thereof, over 1,000~~

~~**1107.6.1.1.1 Accessible unit facilities.** All interior and exterior spaces and elements provided as part of an Accessible dwelling unit or sleeping unit shall be accessible and located on an accessible route.~~

~~**Exceptions:**~~

~~1. Where multiple bathrooms are provided, at least one full bathroom shall be accessible.~~

~~2. Five percent, but not less than one bed, of the beds shall be accessible.~~

SONAR: This is necessary to coordinate with changes in the IBC. There is no cost associated with this provision.

I. IBC Section 1107.6.2, Group R-2, is amended to read as follows:

1107.6.2 Group R-2. Dwelling units and sleeping units~~Accessible units, Type A units, Type B units, and units with communication features~~ shall be provided in Group R-2 occupancies in accordance with Sections 1107.6.2.1 and 1107.6.2.2.

SONAR: This is necessary to address units in Section 1107.6.2.2 that are not Accessible units or Type B units but which are still required to provide door clearance in compliance with Section 1107.6.1.5. This could increase cost for the affected units.

~~NEW PROVISION:~~
~~IBC Section 1107.6.2.1, Apartment houses, monasteries and convents, is amended to read as follows:~~
~~**1107.6.2.1 Apartment houses, monasteries and convents.** Type A units and Type B units shall be provided in apartment houses, monasteries and convents in accordance with Sections 1107.6.2.1.1 and 1107.6.2.1.2. Apartment houses that provide student housing shall comply with Section 1107.6.2.2.~~

~~**SONAR:** This is necessary to provide accessible units in student housing facilities. This is consistent with the current requirement for dormitories, sororities, and fraternities. This will increase cost for apartment houses constructed for student housing.~~

J. IBC Section 1107.6.2.1.1, Type A units, is amended to read as follows:

1107.6.2.1.1 Type A units. In Group R-2 occupancies containing more than seven dwelling units or sleeping units, at least two percent but not less than one of the units shall be a Type A unit. All Group R-2 units, within a contiguous parcel of land development, irrespective of lot lines and public rights-of-way within the development ~~in the development~~ ~~on a site~~ shall be considered to determine the total number of units and the required number of Type A units. Type A units shall be dispersed among the various classes of units. Where three or more Type A units are required, at least one Type A unit shall be provided with an accessible roll-in shower.

Exceptions:

1. The number of Type A units is permitted to be reduced in accordance with Section 1107.7.

2. Existing Group R-2 units shall not contribute to the total number of units considered to determine the number of Type A units required~~structures on a site shall not contribute to the total number of units on a site~~.

SONAR: This is necessary to clarify that property lines between buildings that are part of a single development do not create separate requirements for Type A units. This could decrease cost as it could reduce the number of Type A units required.

K. IBC Section 1107.6.2.2, Group R-2 other than apartment houses, monasteries, and convents, is amended to read as follows. Subsections 1107.6.2.2.1, Accessible units, and 1107.6.2.2.2, Type B units, are deleted in their entirety:

1107.6.2.2 Group R-2 other than apartment houses, monasteries, and convents. In Group R-2 occupancies, other than apartment houses, monasteries, and convents, ~~Accessible units, Type B units, and units with communication features~~dwelling units and sleeping units shall be provided in accordance with Sections 1107.6.1.1 through 1107.6.1.~~5~~45. ~~Units not required to be Accessible units or Type B units shall comply with Section 1107.6.1.5.~~

~~**SONAR:** This is necessary to address units that are only required to provide the door clearance specified in Section 1107.6.1.5. There is no cost associated with this change as it is a clarification of current rule.~~

NEW PROVISION:

1107.6.3 Group R-3. Group R-3 occupancies shall comply with Section 1107.6.3.1, 1107.6.3.2, or 1107.6.3.3 as applicable.

1107.6.3.1 Dwelling units and sleeping units. In occupancies where there are four or more dwelling units or sleeping units intended to be occupied as a residence in a single structure, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.

Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.

1107.6.3.2 Congregate living facilities and boarding houses. Congregate living facilities and boarding houses ~~for more than five persons~~with four or more sleeping units ~~with four or more dwelling units or sleeping units~~ shall comply with Sections 1107.6.4.1 and 1107.6.4.2.

1107.6.3.3 Care facilities. Care facilities ~~that provide accommodations for five or fewer persons of any age for less than 24 hours~~ are not required to be accessible.

SONAR: This is necessary to differentiate between typical residential facilities and facilities for congregate living and boarding. It is reasonable to provide for Accessible units in congregate living facilities and boarding houses having ~~six~~four or more ~~occupants~~bedrooms~~having four or more units~~. It is also reasonable to exempt care facilities , congregate living facilities and boarding houses with five or fewer persons~~as defined in IBC Section 310.1~~. This will increase cost for facilities needing to comply with Sections 1107.6.4.1 and 1107.6.4.2 and reduce cost for smaller ~~covered congregate living facilities and reduce cost for small care~~ facilities.

NEW PROVISION [subsections to be retained]:

1108.2 Assembly area seating. A building, room or space used for assembly purposes with fixed seating shall comply with Sections 1108.2.1 through 1108.2.5. A building, room or space used for assembly purposes with non-fixed seating shall comply with Section 1108.2.6. Assistive listening systems shall comply with Section 1108.2.7. Performance areas viewed from assembly seating areas shall comply with Section 1108.2.8. Dining areas shall comply with Section 1108.2.9.

SONAR: This is necessary to address assembly areas without fixed seats. It is reasonable to provide accessible routes in assembly areas without fixed seats. There is no cost associated with this change as it is a clarification of current rule.

NEW PROVISION:

1108.2.6 Non-fixed seating. Seating areas and exterior overflow seating areas, where fixed seats are not provided, shall connect to an accessible route.

SONAR: This is necessary to address assembly areas without fixed seats. It is reasonable to provide accessible routes in assembly areas without fixed seats. There is no cost associated with this change as it is a clarification of current rule.

REPEAL

~~Subp. 7. **IBC Section 1108, Special occupancies.** IBC Section 1108.2.8, Dining areas, is amended to read as follows:~~

~~**1108.2.8 Dining areas.** In dining areas, the total floor area allotted for seating and tables shall be accessible.~~

~~**Exceptions:**~~

~~1. In buildings or facilities not required to provide an accessible route between stories, an accessible route to a mezzanine seating area is not required, provided that the mezzanine contains less than 25 percent of the total area and the same services are provided in the accessible area.~~

~~2. In sports facilities, tiered dining areas providing seating required to be accessible shall be required to have accessible routes serving at least 25 percent of the dining area, provided that accessible routes serve accessible seating and where each tier is provided with the same services.~~

SONAR: This provision is no longer necessary due to changes in the IBC. There is no cost associated with this provision.

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

A. IBC Section 1109.1, General, is amended to read as follows:

1109.1 General. Accessible building features and facilities shall be provided in accordance with Sections 1109.2 through 1109.17.

Exception: Accessible units, Type A units and Type B ~~dwelling and sleeping~~ units shall comply with Chapter 10 of ICC A117.1.

SONAR: This is necessary to coordinate with changes in the IBC. There is no cost associated with this provision.

B. IBC Section 1109.2.1.5, Prohibited location, is amended to read as follows:

1109.2.1.5 Prohibited location. The accessible route from separate-sex toilet rooms to a family or assisted-use ~~unisex~~ toilet room shall not pass through security checkpoints.

SONAR: This is necessary to coordinate with changes in the IBC. There is no cost associated with this provision.

C. IBC Section 1109.2.2, Water closet compartment, is amended to read as follows:

1109.2.2 Water closet compartment. Where water closet compartments are provided in a toilet room or bathing room~~facility~~, at least one wheelchair-accessible compartment shall be provided. Where two or more ~~the combined total~~ water closet compartments are ~~and urinals~~ provided in a toilet room or bathing room~~facility is six or more~~, at least one ambulatory-accessible water closet compartment shall be provided in addition to the wheelchair-accessible compartment. ~~When required in one gender specific room, an ambulatory-accessible water closet compartment shall be provided in the complementary gender specific toilet room or bathing facility. Wheelchair-accessible and ambulatory-accessible compartments shall comply with ICC A117.1.~~

SONAR: This is necessary to address the issue of ambulatory toilet compartments for persons who benefit from the ambulatory compartment. It is reasonable to provide an ambulatory compartment whenever two or more compartments are provided. This will increase cost.

D. IBC Section 1109.3, Sinks, is amended by deleting the exception.

NEW PROVISION:
1109.4 Kitchens and kitchenettes. Where kitchens and kitchenettes are provided in accessible spaces or rooms, they shall be accessible.

Exception: Where multiple kitchens are provided in a space or room, at least one kitchen shall be accessible.

SONAR: This is necessary to address areas where multiple kitchens are provided in the same space. It is reasonable not to require all such kitchens to be accessible. This will reduce cost.

NEW PROVISION:
1109.6 Swimming pools, wading pools, hot tubs, spas, saunas and steam rooms. Common and public use swimming pools, wading pools, hot tubs, spas, saunas and steam rooms shall be accessible.

Exception: Where hot tubs, spas, saunas or steam rooms are clustered at a single location, at least 5 percent but not less than one of each type in each cluster shall be accessible.

SONAR: This is necessary to address all of the various types of facilities. It is reasonable to include all of the facilities addressed in the current code. There is no cost associated with this provision.

E. IBC Section 1109.~~6~~7, Elevators, is amended to read as follows:

1109.~~6~~ 7 Elevators. Passenger elevators on an accessible route shall be accessible and comply with ~~ICC A117.1 and~~ Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices

Code.

~~**Exception:** Limited-use/limited-application elevators shall not be permitted in new construction except when warranted based on limited occupant load or limited use and approved by the elevator administrative authority.~~

SONAR: This is necessary to coordinate with the IBC and be consistent with national standards. This will reduce cost.

F. IBC Section 1109.~~7~~8, Lifts, is amended to read as follows:

1109.~~7~~ 8 Lifts. Platform (wheelchair) lifts are permitted to be a part of a required accessible route in new construction where indicated in Items 1 through ~~10~~11. Platform (wheelchair) lifts shall be accessible and comply with ~~installed in accordance with ICC A117.1 and~~ Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code.

1. An accessible route to a performing area and speaker platforms in Group A occupancies.

2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements of Sections 1108.2.2 through 1108.2.6 or the accessible route requirements of Sections 1104.4.1 and 1104.4.2~~5~~.

3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five.

4. An accessible route within a dwelling or sleeping unit.

5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in Group A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors.

6. An accessible route to jury boxes and witness stands; raised courtroom stations including judges' benches, clerks' stations, bailiffs' stations, deputy clerks' stations, and court reporters' stations; and to depressed areas such as the well of the court.

7. An accessible route to load and unload areas serving amusement rides.

8. An accessible route to play components or soft contained play structures.

9. An accessible route to team or player seating areas serving areas of sport activity.

10. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.

11. An accessible route within a tenant space as required in Section 1104.5 where the area accessed by the lift has an occupant load of 150 maximum or where structural limitations make use of an elevator impracticable.

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SONAR: This is necessary to address conditions established in other state amendments. There is no cost associated with this provision.

G. IBC Section 1109.~~9~~10, Detectable warnings, is amended to read as follows:

1109.~~9~~ 10 Detectable warnings. Passenger transit platform edges bordering a drop-off and not protected by platform screens or guards and circulation paths that cross tracks shall have a detectable warning.

Exception: Detectable warnings are not required at bus stops.

SONAR: This is necessary to coordinate with changes in the IBC. There is no cost associated with this provision.

REPEAL

~~H. IBC Section 1109.10, Assembly area seating, is amended to read as follows:~~

~~**1109.10 Assembly areas.** Assembly areas without fixed seats shall comply with Section 1109.10.~~

~~**1109.10.1 Performance areas.** Circulation paths connecting performance areas to assembly seating areas shall comply with Section 1108.2.7.~~

~~**1109.10.2 Assistive listening system.** Assembly areas where audible communications are integral to the use of the space shall provide an assistive listening system complying with Section 1108.2.6.~~

SONAR: This is necessary to coordinate with changes in the IBC and Section 1108.2. There is no cost associated with this provision.

I. IBC Section 1109.12.3, Point of sale and service counters, is amended to read as follows:

1109.12.3 Point of sale and service counters. Where counters are provided for sales or distribution of goods or services, at least one of each type provided in each area shall be accessible. Where such counters are dispersed throughout the building or facility, accessible counters shall also be dispersed. ~~Accessible counters, or portions of counters, shall be located where transactions or services are customarily provided.~~

SONAR: This provision has been relocated to A117.1 Section 904.2. There is no cost associated with this provision.

NEW PROVISION [delete section in its entirety]:

~~**1109.14 Fuel-dispensing systems.** Fuel-dispensing systems shall be accessible.~~

SONAR: This is necessary to coordinate with changes in the IBC and maintain current state code. There is no cost associated with this provision.

J. IBC Section 1109 is amended by adding ~~three~~ two sections to read as follows:

1109.15 Automatic teller and fare vending machines. Where automatic teller and fare vending machines are provided, at least one machine at each location shall be accessible. Where bins are provided for envelopes, wastepaper, or other purposes, at least one of each type shall be accessible.

1109.16 Public telephones. Where coin-operated public pay telephones, coinless public pay telephones, public closed-circuit telephones, courtesy telephones, or other types of public telephones are provided, public telephones shall be provided in accordance with Section 1109.16 for each type of public telephone provided. For purposes of this section, a bank of telephones shall be considered two or more adjacent telephones. For purposes of this section, "public building" means a building or portion of a building constructed by, on behalf of, or for the use of the state of Minnesota or any local government and any department, agency, public school district, special purpose district, or other instrumentality of the state or local government.

1109.16.1 Wheelchair accessible telephones. Where public telephones are provided, telephones complying with ICC A117.1 shall be provided in accordance with Table 1109.16.1.

Exception: Drive-up only public telephones.

Table 1109.16.1
Wheelchair Accessible Telephones

Number of Telephones Provided on a Floor, Level, or Exterior Site	Minimum Required Number of Wheelchair Accessible Telephones
1 or more single units	1 per floor, level, and exterior site
1 bank	1 per floor, level, and exterior site
2 or more banks	1 per bank

1109.16.2 Volume controls. All public telephones shall have volume controls complying with ICC A117.1.

1109.16.3 TTYs. TTYs complying with ICC A117.1 shall be provided in accordance with Section 1109.16.3.

1109.16.3.1 Bank requirement. Where four or more public pay telephones are provided at a bank of telephones, at least one public TTY complying with ICC A117.1 shall be provided at that bank.

Exception: TTYs shall not be required at banks of telephones located within 200 feet (61 m) of, and on the same floor as, a bank containing a public TTY.

1109.16.3.2 Floor requirement. TTYs in public buildings shall be provided in accordance with

~~Section 1109.16.3.2.1. TTYs in private buildings shall be provided in accordance with Section 1109.16.3.2.2.~~

~~**1109.16.3.2.1 Public buildings.** Where at least one public pay telephone is provided on a floor of a public building, at least one public TTY shall be provided on that floor.~~

~~**1109.16.3.2.2 Private buildings.** Where four or more public pay telephones are provided on a floor of a private building, at least one public TTY shall be provided on that floor.~~

~~**1109.16.3.3 Building requirement.** TTYs in public buildings shall be provided in accordance with Section 1109.16.3.3.1. TTYs in private buildings shall be provided in accordance with Section 1109.16.3.3.2.~~

~~**1109.16.3.3.1 Public buildings.** Where at least one public pay telephone is provided in a public building, at least one public TTY shall be provided in the building.~~

~~**1109.16.3.3.2 Private buildings.** Where four or more public pay telephones are provided in a private building, at least one public TTY shall be provided in the building.~~

~~**1109.16.3.4 Exterior site requirement.** Where four or more public pay telephones are provided on an exterior site, at least one public TTY shall be provided on the site.~~

~~**1109.16.3.5 Rest stops, emergency roadside stops, and service plazas.** Where a public pay telephone is provided at a public rest stop, emergency roadside stop, or service plaza, at least one public TTY shall be provided.~~

~~**1109.16.3.6 Hospitals.** Where a public pay telephone is provided serving a hospital emergency room, hospital recovery room, or hospital waiting room, at least one public TTY shall be provided at each location.~~

~~**1109.16.3.7 Transportation facilities.** In addition to the requirements of Sections 1109.16.3.1 through 1109.16.3.4, in transportation facilities, where one public pay telephone serves a particular entrance to a bus or rail facility, a TTY shall be provided to serve that entrance. In airports, in addition to the requirements of Sections 1109.16.3.1 through 1109.16.3.4, if four or more public pay telephones are located in a terminal outside the security areas, a concourse within the security areas, or a baggage claim area in a terminal, at least one public TTY shall also be provided in each location.~~

~~**1109.16.3.8 Detention and correctional facilities.** In detention and correctional facilities, where a public pay telephone is provided in a secured area used only by detainees or inmates and security personnel, then at least one TTY shall be provided in at least one secured area.~~

~~**1109.16.4 Shelves for portable TTYs.** Where a bank of telephones in the interior of a building consists of three or more public pay telephones, at least one public pay telephone at the bank shall be provided with a shelf and an electrical outlet in accordance with ICC A117.1.~~

~~**Exceptions:**~~

~~1. Secured areas of detention and correctional facilities where shelves and outlets are prohibited for purposes of security or safety shall not be required to comply with Section 1109.16.4.~~

~~2. The shelf and electrical outlet shall not be required at a bank of telephones with a TTY.~~

1109.16 Airplane hangers. An accessible route and accessible entrance shall be provided to 5%, but not less than one hanger used for the storage or repair of private aircraft.

1109.17 Two-way communication systems. Where a two-way communication system is provided to gain admittance to a building or facility or to restricted areas within a building or facility, the system shall comply with ICC A117.1.

SONAR: The deletion is necessary to provide clarification that these types of facilities and elements are not included in the scope of the building code provisions. It is necessary to address accessibility to hanger facilities. It is reasonable to provide access to a limited number of hangers. This will reduce cost.

Subp. 9. **IBC Section 1110, Signage.** IBC Section 1110 is deleted in its entirety and replaced with the following:

SECTION 1110

SIGNAGE

1110.1 General. Signs shall be provided in accordance with Section 1110 and shall comply with ICC A117.1.

Exceptions:

1. Building directories, menus, seat and row designations in assembly areas, occupant names, building addresses, and company names and logos shall not be required to comply.

2. Temporary, seven days or less, signs shall not be required to comply.

3. In detention and correctional facilities, signs not located in public use areas shall not be required to comply.

1110.2 Designations. Interior and exterior signs identifying toilet rooms, bathing rooms, locker rooms, dressing rooms, fitting rooms, room numbers, and room names shall comply with ICC A117.1 Section 703.3. Where pictograms are provided, they shall comply with ICC A117.1 Section 703.5 and include text descriptors. The International Symbol of Accessibility complying with ICC A117.1 Section 703.6.3.1 shall be provided at the following locations:

1. Accessible passenger loading zones.

2. Accessible toilet and bathing rooms where not all such rooms are accessible.

3. Accessible dressing, fitting, and locker rooms where not all such rooms are accessible.

1110.2.1 Exterior signs. Exterior signs that are not located at the door to the space they serve shall comply with ICC A117.1 Section 703.2.

1110.3 Directional and informational signs. Signs that provide direction to or information about interior spaces and facilities of the site shall comply with ICC A117.1 Section 703.2.

1110.4 Means of egress. ~~Signs for means of egress shall comply with Section 1110.4.~~

~~**1110.4.1 Exit doors and stair landings.** Exit signs required by Section 1011.3 shall comply with ICC A117.1 Section 703.3.~~ Signage providing instructions for the operation of exit doors shall comply with ICC A117.1 Section 703.2. Floor designations within exit stairways shall comply with ICC A117.1 Section 504.9. Other signs for accessible means of egress shall comply with IBC chapter 10.

~~**1110.4.2 Areas of refuge.** Signs required by Section 1007.6.4 to provide instructions in areas of refuge shall comply with ICC A117.1 Section 703.2.~~

~~**1110.4.3 Directional signs.** Signs required by Section 1007.7 to provide directions to accessible means of egress shall comply with ICC A117.1 Section 703.2.~~

SONAR: This is necessary to eliminate redundancy with chapter 10. There is no cost associated with this provision.

1110.5 Parking. Accessible parking spaces shall be identified by signs complying with ICC A117.1 Section 502.7.

Exception: In residential facilities, where parking spaces are assigned to specific residential dwelling units, identification of accessible parking spaces shall not be required.

1110.6 Entrances. Where not all entrances are accessible, accessible entrances shall be identified by the International Symbol of Accessibility complying with ICC A117.1 Section 703.6.3.1. Directional signs complying with ICC A117.1 Section 703.2 that indicate the location of the nearest accessible entrance shall be provided at all nonaccessible entrances.

1110.7 TTYs. Where TTY's are provided, TTY identification and directional signs shall be provided in accordance with Section 1110.7.

SONAR: This is necessary to coordinate with the deletion of the telephone provisions. There is no cost associated with this provision.

1110.7.1 Identification signs. Public TTYs shall be identified by the International Symbol of TTY complying with ICC A117.1 Section 703.6.3.2.

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1110.7.2 Directional signs. Directional signs indicating the location of the nearest public TTY shall be provided at all banks of public pay telephones not containing a public TTY. In addition, where signs provide direction to public pay telephones, they shall also provide direction to public TTYs. Directional signs shall comply with ICC A117.1 Section 703.2 and shall include the International Symbol of TTY complying with ICC A117.1 Section 703.6.3.2.

1110.8 Assistive listening systems. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply with ICC A117.1 Section 703.2 and shall include the International Symbol of Access for Hearing Loss complying with ICC A117.1 Section 703.6.3.3.

Exception: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems.

1110.9 Check-out aisles. Where not all check-out aisles are accessible, accessible check-out aisles shall be identified by the International Symbol of Accessibility complying with ICC A117.1 Section 703.6.3.1. Signage at accessible check-out aisles shall be located in the same location as the nonaccessible check-out aisle identification.

Exception: Where all check-out aisles serving a single function are accessible, signs complying with ICC A117.1 Section 703.6.3.1 shall not be required.

1110.10 Variable message signs. Where provided in the locations in Sections 1110.10.1 and 1110.10.2, variable message signs (VMS) shall be accessible.

1110.10.1 Transportation facilities. Where provided in transportation facilities, variable message signs conveying transportation-related information shall comply with Section 1110.10

1110.10.2 Emergency shelters. Where provided in buildings that are designated as emergency shelters, variable message signs conveying emergency-related information shall comply with Section 1110.10.

Exception: Where equivalent information is provided in an audible manner, VMS signs are not required to comply with Section 1110.10.

SONAR: The addition of VMS scoping is necessary to coordinate with new provisions in the IBC and A117.1. This will not increase cost as it is a coordination issue.

REPEAL

~~Subp. 10. **IBC Section 1111, Swimming pools, wading pools, spas, saunas, and steam rooms.** A section is added to read as follows:~~

~~SECTION 1111~~

~~SWIMMING POOLS, WADING POOLS, SPAS, SAUNAS, AND STEAM ROOMS~~

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~~**1111.1 General.** Swimming pools, wading pools, spas, saunas, and steam rooms shall comply with Section 1111.~~

~~**1111.2 Swimming pools.** At least two accessible means of entry shall be provided for swimming pools. Accessible means of entry shall be swimming pool lifts complying with ICC A117.1 Section 1102; sloped entries complying with ICC A117.1 Section 1103; transfer walls complying with ICC A117.1 Section 1104; transfer systems complying with ICC A117.1 Section 1105; and pool stairs complying with ICC A117.1 Section 1106. At least one accessible means of entry provided shall comply with ICC A117.1 Section 1102 or 1103.~~

~~**Exceptions:**~~

~~1. Where a swimming pool has less than 300 linear feet (91 m) of swimming pool wall, no more than one accessible means of entry shall be required provided that the accessible means of entry is a swimming pool lift complying with ICC A117.1 Section 1102 or sloped entry complying with ICC A117.1 Section 1103.~~

~~2. Wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area shall not be required to provide more than one accessible means of entry provided that the accessible means of entry is a swimming pool lift complying with ICC A117.1 Section 1102, a sloped entry complying with ICC A117.1 Section 1103, or a transfer system complying with ICC A117.1 Section 1105.~~

~~3. Catch pools shall not be required to provide an accessible means of entry provided that the catch pool edge is on an accessible route.~~

~~**1111.3 Wading pools.** At least one accessible means of entry shall be provided for wading pools. Accessible means of entry shall comply with sloped entries complying with ICC A117.1 Section 1103.~~

~~**1111.4 Spas.** At least one accessible means of entry shall be provided for spas. Accessible means of entry shall comply with swimming pool lifts complying with ICC A117.1 Section 1102; transfer walls complying with ICC A117.1 Section 1104; or transfer systems complying with ICC A117.1 Section 1105.~~

~~**Exception:** Where spas are provided in a cluster, at least five percent, but not less than one spa in each cluster, shall be required to comply with Section 1111.4.~~

~~**1111.5 Saunas and steam rooms.** Saunas and steam rooms shall comply with ICC A117.1 Section 1107.~~

~~**Exception:** Where saunas or steam rooms are clustered at a single location, at least five percent, but not less than one of the saunas and steam rooms of each type in each cluster, shall be required to comply with ICC A117.1 Section 1107.~~

SONAR: This is necessary to coordinate with changes in the IBC Section 1109.6. There is no cost associated with this provision.

Subp. 11. **IBC Section ~~1112~~1111, Additions.** A section is added to read as follows:

SECTION ~~1112~~1111

ADDITIONS

~~1112~~1111.1 Minimum requirements. Accessibility provisions for new construction shall apply to additions. Each addition shall, to the maximum extent feasible, be located on an accessible route of travel from an accessible main entrance. An addition that affects the accessibility to an existing area of primary function shall, to the maximum extent feasible, provide an accessible route to the existing area of primary function. Existing space and space added by the addition shall be considered aggregately for the purpose of determining compliance with Section 1104.4. Existing toilet rooms, parking facilities, or drinking fountains that serve the addition shall be provided in accordance with Section 1112.7.
~~Accessibility provisions for new construction shall apply to additions. Each addition shall, to the maximum extent feasible, be located on an accessible route of travel from an accessible main entrance. An addition that contains, or affects the accessibility to, an area of primary function, and is served by existing toilet, parking, telephone, or drinking fountain facilities, shall provide these facilities in accordance with Section 1113.9.~~

~~1112~~1111.2 Dwelling units and sleeping units. Where ~~Group I-1, I-2, I-3, R-1, R-2, R-3, or R-4~~ dwelling units or sleeping units are being added, the requirements of Section 1107 for Accessible units, Type A units, or Type B units, and Chapter 9 for accessible alarms, apply only to the quantity of spaces being added, until the number of units complies with the minimum number required for new construction.

SONAR: This is necessary to clarify the provisions for additions. It is reasonable to clarify access to additions and how it relates to the existing building. There is no cost associated with this change as it is a clarification of current rule.

Subp. 12. **IBC Section ~~1113~~1112, Alterations.** A section is added to read as follows:

SECTION ~~1113~~1112

ALTERATIONS

~~1113~~1112.1 Application. Where existing elements, spaces, features, or common areas are altered, then each altered element, space, feature, or common area shall comply with the applicable provision for new construction. If the applicable provision for new construction requires that an element, space, feature, or common area be on an accessible route, the altered element, space, feature, or common area shall be on an accessible route as provided in Section 1113.9.

~~1113~~1112.2 Extent of application. No alteration of an existing element, space, feature, or area of a building or facility shall impose a requirement for greater accessibility than that which would be required for new construction.

~~1113~~1112.3 Decrease accessibility. No alteration shall be undertaken that decreases or has the effect of decreasing accessibility or usability of a building or facility below the requirements for new construction at the time of alteration.

~~1113~~1112.4 Extent technically feasible. Where compliance with this section is technically infeasible, the alteration shall provide accessibility to the maximum extent feasible. Any elements or features of the building or facility that are being altered and can be made accessible shall be made accessible within the scope of the alteration.

~~**1113.5 Eighty five percent alteration.** Where alterations of single elements, when considered together, amount to an alteration of at least 85 percent of the square foot area of a room or space in a building or facility, the entire room or space shall be made accessible.~~

> ~~**Exception:** Alterations undertaken by a tenant where the additional space is outside the tenant space.~~

~~**1113.6 Means of egress.** Accessible means of egress are not required to be provided in existing buildings and facilities.~~

SONAR
This is necessary to eliminate duplication of a requirement in IBC chapter 10. There is no cost associated with this provision.

~~1113.7~~1112.5 Addition of pedestrian route~~escalator or stair~~. Where a pedestrian route ~~an escalator or stair~~ is ~~planned or~~ installed where none existed previously an accessible route ~~and major structural modifications are necessary for the installation, then a means of accessible vertical access~~ shall be provided.

SONAR
This is necessary to ensure that any new route of travel provided is accessible. It is reasonable not to limit this requirement to the installation of a stair or escalator. There is no cost associated with this change as it is a clarification of current rule.

1112.6 ~~1113.8~~ Entrances. Where a planned alteration entails an alteration to a building entrance, and the building or facility has an accessible entrance, the altered entrance is not required to be accessible unless required by Section 1112.7~~1113.9~~. If a particular entrance is not made accessible, appropriate accessible signage indicating the location of the nearest accessible entrance shall be installed at or near the inaccessible entrance so that a person with disabilities will not be required to retrace the approach route from the inaccessible entrance.

1112.7 ~~1113.9~~ Alterations to an area containing a primary function. In addition to the requirements of Sections ~~1113~~1112.1 through 111~~3.8~~2.6, an alteration that affects or could affect the usability of or access to an area containing a primary function shall be made to ensure that, to the maximum extent feasible, the path of travel to the altered area and the toilet rooms, parking facilities, ~~telephones,~~ and drinking fountains serving the altered area are accessible. ~~For the purpose of complying with this section, an area of primary function shall be defined as an area which provides a major activity for which the facility is intended.~~ The alterations to the path of

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travel, toilet rooms, parking facilities, ~~telephones,~~ and drinking fountains serving the altered area need not exceed 20 percent of the cost of the alteration to the primary function area.

Exceptions:

1. This provision does not apply to alterations limited solely to the electrical, mechanical, or plumbing system, or to hazardous material abatement or automatic sprinkler installation or retrofitting.

2. This provision does not apply to alterations limited solely to windows, hardware, operating controls, electrical outlets, and signs.

3. This provision does not apply to alterations undertaken for the primary purpose of increasing accessibility.

4. This provision does not apply to alterations undertaken by a tenant where the accessible route, toilet facilities, parking facilities, ~~telephones,~~ and drinking fountains are outside the tenant space.

1112.7.1 ~~1113.9.1~~ Priority for application. Priority for application of the 20 percent cost for the primary function area shall be as follows:

1. accessible path of travel to the primary function area, such as exterior route, building entrance, interior route, or elevator;

2. accessible toilet facilities;

3. accessible parking;

4. ~~accessible telephones;~~ and

5. accessible drinking fountains.

1112.8 ~~1113.10~~ Special technical provisions for alterations to existing buildings and facilities. Alterations to existing buildings and facilities shall comply with Sections 1112.8.1 ~~1113.10.1~~ through 1112.8.9~~1113.10.9~~.

1112.8.1 ~~1113.10.1~~ Elevators. Altered elements of existing elevators shall be accessible and comply with ~~ICC A117.1 and~~ Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code. The elements shall also be altered in elevators programmed to respond to the same hall call control as the altered elevator.

1112.8.2 ~~1113.10.2~~ Platform lifts. Platform (wheelchair) lifts complying with ICC A117.1 and Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code, shall be permitted to be used as part of an accessible route. Standby power shall be provided where a platform lift provides the only accessible route from a space listed in Section 1109.7.

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1112.8.3 ~~1113.10.3~~ Toilet rooms and bathing ~~facilities~~rooms. Toilet rooms and bathing ~~facilities~~ rooms shall comply with Sections 1112.8.3.1 through 1112.8.3.3~~1113.10.3.1 and 1113.10.3.2~~.

1112.8.3.1 ~~1113.10.3.1~~ Family or assisted-use toilet rooms and bathing ~~Unisex~~ rooms. Where it is technically infeasible to alter existing toilet rooms and bathing ~~facilities~~ rooms to be accessible, at least one accessible family or assisted-use toilet room or bathing ~~unisex toilet room or bathing~~ room shall be provided. The family or assisted-use toilet room or bathing ~~unisex~~ room shall be located in the same area and be on the same floor as ~~an easily accessible, convenient location from~~ the existing ~~facilities~~toilet rooms and bathing rooms. Each family or assisted-use ~~unisex~~ toilet room shall contain one water closet, one lavatory, and the door shall have a privacy latch. In addition, family or assisted-use ~~unisex~~ bathing rooms shall contain one shower or bathtub fixture. Family or assisted-use ~~Unisex~~ toilet rooms and bathing rooms shall also be permitted to contain one urinal. All fixtures provided in the family or assisted-use ~~unisex~~ room shall be accessible.

1112.8.3.2 ~~1113.10.3.2~~ Ambulatory compartment. In addition to the provisions of Section 1112.8.3.1~~1113.10.3.1~~, an ambulatory compartment shall be provided within the existing toilet room or bathing ~~facility~~room, unless technically infeasible. ~~If the ambulatory compartment provides the only accessible water closet on the floor, 48 inches (1220 mm) minimum of clear floor space shall be provided in front of the water closet, unless technically infeasible.~~

1112.8.3.3 ~~1113.10.3.3~~ Signage. Where existing toilet rooms or bathing ~~facilities~~ rooms are not made accessible, directional signs indicating the location of the nearest accessible toilet room or accessible bathing room within the facility shall be provided. Signs shall comply with ICC A117.1 Section 703.~~3~~ 2 and shall include the International Symbol of Accessibility complying with ICC A117.1 Section 703.6.3.1. Where existing toilet rooms or bathing rooms are not accessible, the accessible toilet rooms or accessible bathing rooms shall be identified by the International Symbol of Accessibility ~~complying with ICC A117.1 Section 703.6.3.1~~.

1112.8.4 ~~1113.10.4~~ Assembly areas. Assembly areas shall comply with Sections 1112.8.4.1 ~~1113.10.4.1~~ and 1112.8.4.2~~1113.10.4.2~~.

1112.8.4.1 ~~1113.10.4.1~~ Wheelchair seating. Where it is technically infeasible to disperse accessible seating throughout an altered assembly area, accessible seating areas shall be permitted to be clustered. Each accessible seating area shall provide for companion seating and shall be located on an accessible route.

112.8.4.2 ~~1113.10.4.2~~ Performance area. Where it is technically infeasible to alter all performing areas to be on an accessible route, at least one of each type of performing area shall be made accessible.

1112.8.5 ~~1113.10.5~~ Dressing, fitting, and locker rooms. Where dressing, fitting, and locker rooms are being altered and technical infeasibility can be demonstrated, one dressing, fitting, or locker room for each sex on each level shall be made accessible. Where only family or assisted-use ~~unisex~~ rooms are provided, accessible family or assisted-use ~~unisex~~ rooms shall be permitted.

1112.8.6 ~~1113.10.6~~ Dwelling units or sleeping units. Where dwelling units or sleeping units are being altered, the requirements of Section 1107 for Accessible units, Type A units, or Type B units,

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and Chapter 9 for accessible alarms apply only to the quantity of spaces being altered, until the number of units complies with the minimum number required for new construction.

1112.8.7 ~~1113.10.7~~ Check-out aisles. Where check-out aisles are altered, at least one of each type of check-out aisle serving each function shall be made accessible until the number of accessible check-out aisles complies with Section 1109.12.2.

1112.8.8 ~~1113.10.8~~ Jury boxes and witness stands. In alterations, accessible wheelchair spaces are not required to be located within the defined area of raised jury boxes or witness stands and shall be permitted to be located outside these spaces where the ramp or lift access restricts or projects into the means of egress.

1112.8.9 ~~1113.10.9~~ Historic buildings. Where alterations to provide accessibility to exterior and interior routes, ramps, entrances, or toilets are undertaken to a qualified historic building or facility that would threaten or destroy the historic significance of the building or facility, the alternative requirements in Sections 1112.8.9.1 ~~1113.10.9.1~~ through 1112.8.9.3 ~~1113.10.9.3~~ shall be permitted.

1112.8.9.1 ~~1113.10.9.1~~ Entrances. At least one accessible entrance that is used by the public shall be provided and located on an accessible route.

Exceptions:

1. If a main entrance cannot be made accessible, an accessible nonpublic entrance that is unlocked while the building is occupied shall be provided.

2. If a main entrance cannot be made accessible and compliance with Exception 1 is not feasible, a locked accessible entrance with a notification system or remote monitoring shall be provided.

1112.8.9.2 ~~1113.10.9.2~~ Toilet rooms. Where toilets are provided, at least one accessible toilet facility shall be provided along an accessible route. The toilet facility shall be permitted to be family or assisted-use ~~unisex~~ in design.

1112.8.9.3 ~~1113.10.9.3~~ Accessible route. Accessible routes from an accessible entrance to all publicly used spaces on at least the level of the accessible entrance shall be provided. Access shall be provided to all levels of a building or facility whenever practical.

SONAR
These changes are necessary to coordinate with changes in the IBC and the Americans with Disabilities Act Accessibility Guidelines. There is no cost associated with these changes.

Subp. 13. **IBC Section ~~1114~~1113, Change in use.** A section is added to read as follows:

SECTION ~~1114~~1113

CHANGE OF OCCUPANCY~~IN USE~~

~~1114~~1113.1 General. Existing buildings or portions of buildings that change the use or purpose of the building or undergo a change of group or occupancy classification shall comply with Section ~~1114~~1113.1.1 or ~~1114~~1113.1.2. No requirement for change of ~~group or~~ occupancy shall impose a requirement for greater accessibility than that which would be required for new construction. Platform (wheelchair) lifts complying with ICC A117.1 and Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code, shall be permitted as a component of an accessible route. Standby power shall be provided where a platform lift provides the only accessible route from a space listed in Section 1109.~~7~~8. A change of ~~group or~~ occupancy that incorporates any additions or alterations shall comply with Sections ~~1112~~ 1111 to ~~1114~~1113.

~~**Exception:** Type A and Type B dwelling units or sleeping units required by Section 1107 are not required where the dwelling unit or sleeping unit has been purchased, is intended to be occupied as a residence, and the owner of the unit declines the Type A or Type B provisions.~~

~~1114~~1113.1.1 Entire building. When a change ~~in~~ of occupancy affects the entire building~~to a building places the building in a different division of the same occupancy group or in a different occupancy group~~, the building shall have all of the following accessible features:

1. At least one accessible building entrance.

2. At least one accessible route from an accessible building entrance to primary function areas.

3. Signage complying with Section 1110.

4. Accessible parking, where parking is provided.

5. At least one accessible passenger loading zone, when loading zones are provided.

6. At least one accessible route connecting accessible parking and accessible passenger loading zones to an accessible entrance.

7. At least one accessible family or assisted-use ~~unisex~~ toilet room or bathing room, or one accessible male and one accessible female toilet room or bathing room, located on an accessible route not more than one story above or one story below a floor without such facilities. Signage complying with Section 1112.8.3.3 ~~1113.10.3.3~~ shall be provided.

Where it is technically infeasible to comply with the new construction criteria for a change of ~~group or~~ occupancy, items 1 to 7 shall conform to the criteria to the maximum extent technically feasible.

~~1114~~1113.1.2 Portion of a building. When a change ~~in~~ of occupancy affects a portion of the building~~to a portion of a building places the portion of the building in a different division of the same occupancy group or in a different occupancy group~~, all of the following accessible features shall be provided:

1. At least one accessible building entrance.

2. At least one accessible route from an accessible building entrance to the portion of the building undergoing the change ~~in~~ of occupancy. In multistory buildings where the portion of the building undergoing the change ~~in~~ of occupancy is located above or below the level of access and the number of occupants of the new occupancy exceeds 30 occupants, an accessible route shall be provided.

Exception: Regardless of occupant load, an accessible route shall be provided where the new occupancy is a public area of: a Group M occupancy; a medical care facility; a transportation facility; or a government or municipal facility.

3. Accessible parking, where parking is provided.

4. At least one accessible route from accessible parking to an accessible building entrance.

5. At least one accessible family or assisted-use ~~unisex~~ toilet room or bathing room, or one accessible male and one accessible female toilet room or bathing room, located on an accessible route not more than one story above or one story below the portion of the building undergoing the change in occupancy. Signage complying with Section 1112.8.3.3 ~~1113.10.3.3~~ shall be provided.

Where it is technically infeasible to comply with the new construction criteria for a change of ~~group or~~ occupancy, items 1 to 5 shall conform to the criteria to the maximum extent technically feasible.

SONAR
Modification from change in use to change of occupancy is to coordinate with the International Existing Building Code (IEBC). The IEBC's broader application will affect more structures which will increase cost.
~~This is~~Other changes are necessary to coordinate with changes in the IBC and to ensure provision of Type A and Type B dwelling units in residential facilities. It is reasonable to provide Type A and Type B units when a change in use occurs. Requiring Type A units could increase cost. Requiring Type B units will generally not increase cost.

1341.0104 A117.1 SECTION 104, CONVENTIONS.

REPEAL
~~Subp. 2. **Section 104.6.** A117.1 Section 104 is amended by adding a Section to read as follows:~~

~~**104.6 Calculation of Percentages.** Where the required number of elements or facilities to be provided is determined by calculations of ratios or percentages and remainders or fractions result, the next greater whole number of such elements or facilities shall be provided. Where the determination of the required size or dimension of an element or facility involves ratios or percentages, rounding down for values less than one-half shall be permitted.~~

SONAR
This provision has been relocated to IBC Section 1101.4. There is no cost associated with this provision.

1341.0202 A117.1 SECTION 202, DWELLING AND SLEEPING UNITS.

A117.1 Section 202 is amended to read as follows:

202 Dwelling and Sleeping Units. Chapter 10 contains dwelling unit and sleeping unit criteria for Accessible units, Type A units, Type B units, Type C (Visitable) dwelling units and units with accessible communication features. The extent to which these technical criteria apply is provided in the scoping provisions of the State Building Code. These scoping provisions address the types and numbers of units required to comply with each set of unit criteria.

SONAR

This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

1341.0402 A117.1 SECTION 402.2, COMPONENTS.

A117.1 Section 402.2 is amended to read as follows:

~~**402.2 Components.** Accessible routes shall consist of one or more of the following components: walking surfaces with a slope not steeper than 1:20, doors and doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable portions of this standard.~~

~~**Exceptions:**~~

~~1. Ramps shall not be a component of exterior accessible routes connecting accessible parking spaces and accessible loading zones with accessible building entrances.~~

~~2. Where multiple buildings are provided on a site, ramps shall not be a component of exterior accessible routes connecting accessible building entrances. This exception does not apply to buildings not normally occupied.~~

~~3. Ramps shall not be a component of exterior accessible routes to Type A and Type B units intended to be occupied as a residence unless the provision of a walking surface with a slope not steeper than 1:20 is not feasible.~~

402.2 Components. Components of accessible routes shall comply with Section 402.2.1, 402.2.2, or 402.2.3 as applicable. All components of an accessible route shall comply with the applicable portions of this standard.

402.2.1 General Components. Accessible routes shall consist of one or more of the following components: walking surfaces with a slope not steeper than 1:20, doors and doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts.

402.2.2 Accessible Building Entrance Components. Accessible building entrances shall provide an exterior accessible route consisting of one or more of the following components:

walking surfaces with a slope not steeper than 1:20; doors and doorways; curb ramps excluding the flared sides; elevators; and, platform lifts.

Exceptions:

Buildings not normally occupied shall be permitted to provide an accessible route by means of a ramp.

402.2.2.1 Groups R-2, R-3 and R-4 occupancies. In addition to the components listed in Section 402.2.2, a ramp shall be considered as a component of an exterior accessible route in Groups R-2, R-3 and R-4 occupancies where a slope not steeper than 1:20 is not feasible. ~~Type A units and Type B units shall be permitted to provide a ramp as a component of the exterior accessible route where a walking surface with a slope not steeper than 1:20 is not feasible.~~

402.2.3 Within a Site Components. Buildings, facilities, elements and spaces that are required to be accessible and are on the same site shall be connected by an accessible route consisting of one or more of the following components: walking surfaces with a slope not steeper than 1:20; doors and doorways; curb ramps excluding the flared sides; elevators; and, platform lifts.

Exception: Buildings, facilities, elements, and spaces not normally occupied shall be permitted to provide an accessible route by means of a ramp.

SONAR

This is necessary to clarify the requirements for exterior accessible routes. It is reasonable to clarify the existing intent of the state code. There is no cost associated with this change as it is a clarification of current rule.

1341.0403 A117.1 SECTION 403, WALKING SURFACES.

A117.1 Section 403.5 is amended by adding a new Section 403.5.3 ~~to read~~ as follows:

~~**403.5 Clear Width.** Clear width of an accessible route shall comply with Table 403.5 except as modified by Sections 403.5.1, 403.5.2, and 403.5.3.~~

~~**Table 403.5**~~
~~**Clear Width of an Accessible Route**~~

~~Segment Length~~	~~Minimum Segment Width~~
~~\AC\a 24 inches (610 mm)~~	~~32 inches (815 mm)[1]~~
~~\Af\a 24 inches (610 mm)~~	~~36 inches (915 mm)~~

~~[1]Consecutive segments of 32 inches (815 mm) in width must be separated by a route segment 48 inches (1220 mm) minimum in length and 36 inches (915 mm) minimum in width.~~

~~**403.5.1 Clear Width at Turn.** Where an accessible route makes a 180 degree turn around an object that is less than 48 inches (1220 mm) in width, clear widths shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum during the turn, and 42 inches~~

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~~(1065 mm) minimum leaving the turn.~~

~~**Exception:** Section 403.5.1 shall not apply where the clear width at the turn is 60 inches (1525 mm) minimum.~~

~~**403.5.2 Passing Space.** An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either a 60 inch (1525 mm) minimum by 60 inch (1525 mm) minimum space, or an intersection of two walking surfaces that provide a T-shaped turning space complying with Section 304.3.2, provided the base and arms of the T-shaped space extend 48 inches (1220 mm) minimum beyond the intersection.~~

403.5.3 Exterior Walking Surfaces. Walking surfaces with a slope not steeper than 1:20 that are a part of an exterior accessible route shall be 48 inches (1220 mm) wide minimum.

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

1341.0407 A117.1 SECTION 407, ELEVATORS.

NEW PROVISION:
407.4.5 Illumination. The level of illumination at the car controls, platform, car threshold and car landing sill shall comply with Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code.

SONAR
This is necessary to reference the state elevator code. There is no cost associated with this provision.

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1341.0408 A117.1 SECTION 408, LIMITED-USE/LIMITED-APPLICATION ELEVATORS.

REPEAL
~~Subp. 2. **A117.1 Section 408.3.3, Door location and width.** A117.1 Section 408.3.3 is amended to read as follows:~~

~~**408.3.3 Door Location and Width.** Car doors shall comply with Section 408.3.3.~~

~~**408.3.3.1 Cars with Single Door or Doors on Opposite Ends.** Car doors shall be positioned at the narrow end of cars with a single door and on cars with doors on opposite ends. Doors shall provide a clear opening width of 32 inches (815 mm) minimum.~~

~~**408.3.3.2 Cars with Doors on Adjacent Sides.** Car doors shall be permitted to be located on adjacent sides of cars that provide an 18 square foot (1.67 m^2) platform. Doors located on the narrow end of cars shall provide a clear opening width of 36 inches (815 mm) minimum. Doors~~

~~located on the long side shall provide a clear opening width of 42 inches (1065 mm) minimum and shall be located as far as possible from the end door on cars with two doors, or be centered on cars with three doors.~~

~~**Exception:** Car doors that provide a clear opening width of 36 inches (915 mm) minimum shall be permitted to be located on adjacent sides of cars that provide a clear floor area of 51 inches (1295 mm) in width and 51 inches (1295 mm) in depth.~~

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

REPEAL
~~Subp. 3. **A117.1 Section 408.4.1, Inside dimensions of elevator cars.** A117.1 Section 408.4.1 is amended to read as follows:~~

~~**408.4.1 Inside Dimensions of Elevator Cars.** Elevator cars shall provide a clear width of 42 inches (1065 mm) minimum. The clear floor area shall be not less than 2,268 square inches (1.46 m^2) or more than 2,601 square inches (1.68 m^2).~~

~~**Exception:** For installations in existing buildings, elevator cars that provide a clear floor area of 15 square feet (1.35 m^2) minimum, and provide a clear inside dimension of 36 inches (915 mm) minimum in width and 54 inches (1370 mm) minimum in depth, shall be permitted. This exception shall not apply to cars with doors on adjacent sides.~~

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

Subp. 4. **A117.1 Section 408.4.3, Platform and hoistway clearance.** A117.1 Section 408.4.3 is amended to read as follows:

408.4.3 Platform to Hoistway Clearance. The clearance between the car platform sill and the edge of any hoistway landing shall ~~be in compliance~~comply with Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code.

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

1341.0409 A117.1 SECTION 409, PRIVATE RESIDENCE ELEVATORS.

A117.1 Section 409 is amended to read as follows:

409.1 General. Private residence elevators shall comply with Section 409 and Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code. Elevator operation shall be automatic.

Exception: Elevators complying with Section 407 or Section 408. shall not be required to comply with Section 409

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

1341.0410 A117.1 SECTION 410, PLATFORM LIFTS.

REPEAL
~~Subp. 2. **A117.1 Section 410.2.1, Doors and gates.** A117.1 Section 410.2.1 is amended to read as follows:~~

~~**410.2.1 Doors and Gates.** Doors and gates shall be low energy power operated doors or gates complying with Section 404.3. Doors shall remain open for 20 seconds minimum. End door opening clear width shall be 32 inches (815 mm) minimum on lifts with one door or doors on opposite ends and 36 inches (915 mm) minimum clear width on lifts with doors on adjacent sides. Side door clear opening width shall be 42 inches (1065 mm) minimum and be located as far as possible from the end door on lifts with two doors, or be centered on lifts with three doors.~~

~~**Exceptions:**~~

~~1. Lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates. This exception shall not apply to doors or gates with ramps.~~

~~2. Lifts serving two landings maximum and having doors or gates on adjacent sides shall be permitted to have self-closing manual doors or gates provided that the side door or gate is located with the strike side furthest from the end door. This exception shall not apply to doors or gates with ramps.~~

~~3. Lift doors and gates that provide a clear opening width of 36 inches (915 mm) minimum shall be permitted to be located on adjacent sides of lifts that provide a clear floor area of 51 inches (1295 mm) in width and 51 inches (1295 mm) in depth.~~

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

REPEAL
~~Subp. 3. **A117.1 Section 410.2.2, Ramps.** A117.1 Section 410.2.2 is amended to read as follows:~~

~~**410.2.2 Ramps.** Ramp widths shall not be less than the door or gate they serve.~~

SONAR
This is necessary to coordinate with changes in the A117.1. There is no cost associated with this provision.

Subp. 4. **A117.1 Section 410.5.2, Lifts with Doors on Adjacent Sides~~Clear floor space~~.** A117.1 Section 410.5.2 is amended by deleting the exception.~~to read as follows:~~

~~**410.5 Clear Floor Space.** Clear floor space of platform lifts shall comply with Section 410.5.~~

~~**410.5.1 Lifts with Single Door or Doors on Opposite Ends.** Clear floor space of platform lifts with a single door or with doors on opposite ends shall provide a clear width of 32 inches (815 mm) minimum and a clear depth of 48 inches (1220 mm) minimum.~~

~~**410.5.2. Lifts with Doors on Adjacent Sides.** Clear floor space of platform lifts with doors on adjacent sides shall provide a clear width of 42 inches (1065 mm) minimum and a total platform area of 18 square feet (1.67 m^2).~~

SONAR
This is necessary to address changes in A117.1 and to delete the exception. Deleting the exception is reasonable as it allows a condition that is not functional. Deleting the exception will not increase cost.

1341.0502 A117.1 SECTION 502, PARKING SPACES.

Subp. 2. **A117.1 Section 502.4, Access aisle.** A117.1 Section 502.4 is amended to read as follows:

502.4 Access Aisle. Car and van parking spaces shall have an adjacent access aisle complying with Section 502.4.

502.4.1 Location. Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Access aisles shall not overlap with the vehicular way. Parking spaces shall be permitted to have access aisles placed on either side of the car or van parking space. Van parking spaces that are angled shall have access aisles located on the passenger side of the parking space.

502.4.2 Width. Access aisles serving car and van parking spaces shall be 96 inches (2440 mm) minimum in width.

502.4.3 Length. Access aisles shall extend the full length of the parking spaces they serve.

502.4.4 Marking. Access aisles shall be marked so as to discourage parking in them and be provided with the designation "no parking." Where access aisles are marked with lines, the width measurements of access aisles and adjacent parking spaces shall be made from the centerline of the markings.

Exception: Where access aisles or parking spaces are not adjacent to another access aisle or parking space, measurements shall be permitted to include the full width of the line defining the access aisle or parking space.

SONAR
This is necessary to maintain language in A117.1. There is no cost associated with this provision.

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

REPEAL
~~Subpart 1. **A117.1 Section 603.3, Mirrors.** A117.1 Section 603.3 is amended to read as follows:~~

~~**603.3 Mirrors.** Mirrors located above lavatories, sinks, or counters shall be mounted with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the floor. Mirrors not located above lavatories, sinks, or counters shall be mounted with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the floor.~~

~~**Exception:** In nursing home and boarding care resident rooms required to accessible, and in common use areas intended for resident use, the bottom of the mirror shall be mounted 36 inches (915 mm) maximum above the floor with the top of the mirror 66 inches (1675 mm) minimum above the floor, or an angled mirror shall be provided that achieves the same result.~~

SONAR
This is necessary to avoid conflict and duplication of effort with the Department of Health. This should decrease cost.

Subp. 2. **Section 603.5 Diaper Changing Tables.** A117.1 Section 603.5 is amended ~~by adding a section~~ to read as follows:

603.5 Diaper Changing Tables. Diaper changing tables shall comply with Sections 309 and 902. Diaper changing tables shall not be located within toilet compartments.~~At least one diaper changing table shall comply with Section 902. Folding tables shall be permitted to have the latching mechanism located 54 inches (1370 mm) maximum above the floor provided a clear floor space complying with Section 305 is positioned for a parallel approach to the changing table when in the folded position.~~

SONAR
This is necessary to coordinate with changes in A117.1 and to ensure accessible compartments are available for their intended purpose. This should not affect cost.

1341.0604 A117.1 SECTION 604, WATER CLOSETS AND TOILET COMPARTMENTS.

REPEAL
~~Subpart 1. **A117.1 Section 604.3.1, Size.** A117.1 Section 604.3.1 is amended to read as follows:~~

~~**604.3.1 Size.** A clearance around a water closet 60 inches (1525 mm) minimum, measured perpendicular from the side wall, and either 78 inches (1980 mm) minimum, measured perpendicular from the rear wall, or 48 inches (1220 mm) minimum plus the depth of the water closet fixture, measured perpendicular from the rear wall, shall be provided.~~

SONAR
This is necessary to coordinate with changes in A117.1. There is no cost associated with this provision.

NEW PROVISION:
604.3.2 Clearance Depth. The depth of the clearance around the water closet shall be measured perpendicular from the rear wall and comply with Section 604.3.2.1 or 604.3.2.2.

604.3.2.1 Overall Clearance. The overall clearance around the water closet shall be 78 inches (1980 mm) minimum in depth.

604.2.2.2 Water Closet Clearance. The depth of the clearance around the water closet shall be 48 inches (1220 mm) minimum plus the depth of the water closet fixture.

SONAR
This is necessary to coordinate with changes in A117.1 and to maintain existing state code requirements. There is no cost associated with this change as it is a clarification of current rule.

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NEW PROVISION:
604.3.3 Clearance Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, toilet paper and sanitary seat cover dispensers, sanitary napkin receptacles, coat hooks, a small shelf, accessible routes, clear floor space at other fixtures and the turning space. No other fixtures or obstructions shall be within the required water closet clearance.

EXCEPTIONS:

1. In family or assisted-use toilet rooms and bathing rooms where the accessible lavatory and water closet are located on the same wall, a hand drying device and trash receptacle shall be permitted to be located on the wall between the water closet and the accessible lavatory.
2. A diaper changing table shall be permitted on the wall facing the front of the water closet in family or assisted-use toilet rooms and bathing rooms.

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SONAR
This is necessary to provide clarification regarding the elements allowed in the clearance. It is reasonable to provide exceptions for specific situations. The exceptions could reduce cost.

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Subp. 2. **A117.1 Section 604.5.1, Fixed side wall grab bars.** A117.1 Section 604.5.1 is amended to read as follows:

604.5.1 Fixed Side Wall Grab Bars. Fixed side wall grab bars shall comply with Sections 604.5.1.1 and 604.5.1.2.

604.5.1.1 Horizontal Fixed Side Wall Grab Bars. Horizontal Fixed side wall grab bars shall be 42 inches (1065 mm) minimum in length, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

604.5.1.2 Vertical Fixed Side Wall Grab Bars. Vertical fixed side wall grab bars shall be 18 inches (455 mm) minimum in length and shall be mounted with the bottom of the bar located 39 inches (990 mm) minimum and 41 inches (1040 mm) maximum above the floor, with the centerline of the bar located 39 inches (990 mm) minimum and 41 inches (1040 mm) maximum from the rear wall.

604.5.1.2.1 Children's Use Vertical Fixed Side Wall Grab Bars. Vertical fixed side wall grab bars primarily for children's use shall be 18 inches (455 mm) minimum in length and be mounted with the bottom of the bar located between 21 inches (535 mm) minimum and 30 inches (760 mm) maximum above the floor, with the centerline of the bar located between 34 inches (865 mm) minimum and 36 inches (915 mm) maximum from the rear wall.~~**604.5.1 Fixed Side Wall Grab Bars.** Fixed side wall grab bars shall be 42 inches (1065 mm) minimum in length, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall. In addition, a vertical grab bar 18 inches (455 mm) minimum in length shall be mounted with the bottom of the bar located between 39 inches (990 mm) and 41 inches (1040 mm) above the floor, and with the center line of the bar located between 39 (990 mm) and 41 inches (1040 mm) from the rear wall.~~

~~**Exceptions:**~~

~~1. In Type A and Type B units, the vertical grab bar component is not required.~~

~~2. In a Type B unit, when a side wall is not available for a 42 inch (1065 mm) grab bar, the sidewall grab bar shall be permitted to be 18 inches (455 mm) minimum in length, located 12 inches (305 mm) maximum from the rear wall and extending 30 inches (760 mm) minimum from the rear wall.~~

~~3. In nursing home and boarding care resident rooms required to be accessible, and in common use areas intended for resident use, an L shaped grab bar with each leg at least 18 inches (455 mm) minimum in length shall be provided on the side wall. The vertical portion of the grab bar shall be mounted 12 inches (305 mm) past the front edge of the water closet with the horizontal portion extending toward the rear wall at a height of ten inches (252 mm) above the toilet seat.~~

SONAR
This is necessary to address vertical grab bars at children's fixtures. There is no cost associated with this change as it is a clarification of current rule.

Subp. 3. **A117.1 Section 604.7, Dispensers.** A117.1 Section 604.7 is amended to read as follows:

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604.7 Dispensers. Toilet paper dispensers shall comply with Section 309.4. Dispensers located above the grab bar shall be recessed and the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 36 inches (915 mm) maximum from the rear wall. Where the dispenser is located below the grab bar, the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 42 inches (1065 mm) maximum from the rear wall. The outlet of the dispenser shall be located 18 inches (455 mm) minimum and 48 inches (1220 mm) maximum above the floor. Dispensers shall comply with Section 609.3. Dispensers shall not be of a type that control delivery, or do not allow continuous paper flow.

~~**604.7 Dispensers and Sanitary Product Receptacles.** Toilet paper dispensers and sanitary product receptacles shall comply with Section 309.4. Operable parts of dispensers and sanitary product receptacles shall be located within an area 12 inches (305 mm) minimum and 40 inches (1016 mm) maximum from the rear wall, and 18 inches (455 mm) minimum above the floor and 1 1/2 inches (38 mm) minimum below the horizontal grab bar. Dispensers shall not be of a type that control delivery, or does not allow continuous paper flow.~~

> ~~**Exception:** In nursing home and boarding care resident rooms required to be accessible, and in common use areas intended for resident use, the toilet paper dispensers shall be centered between 19 inches (485 mm) minimum to 25 inches (635 mm) maximum above the floor, and 6 inches (150 mm) minimum to 12 inches (305 mm) maximum in front of the seat.~~

SONAR

This is necessary to address changes in A117.1 and to clarify the criteria for when the dispenser is located above the grab bar. It is reasonable to recess the dispenser in order to maintain access to the grab bars. Recessing the dispenser will increase cost but locating the dispenser above the grab bar is a design choice.

REPEAL

~~Subp. 4. **A117.1 Section 604.8.2, Size.** A117.1 Section 604.8.2 is amended to read as follows:~~

~~**604.8.2 Size.** The minimum area of a wheelchair accessible compartment shall comply with Section 604.3~~.

SONAR

This is necessary to address changes in A117.1. There is no cost associated with this provision.

REPEAL

~~Subp. 5. **A117.1 Section 604.8.3, Doors.** A117.1 Section 604.8.3 is amended to read as follows:~~

~~**604.8.3 Doors.** Toilet compartment doors, including door hardware, shall comply with Section 404.1, except:~~

~~1. When approaching the compartment from the latch side of the compartment door, the width of the approach shall be 42 inches (1065 mm) minimum;~~

~~2. When exiting the compartment with a latch side approach to the compartment door, a latch side clearance of 20 inches (508 mm) minimum shall be provided. Where space permits, the~~

~~maneuvering clearance shall comply with Section 404.2.3;~~

~~3. When exiting the compartment with a forward or hinge side approach to the push side of the compartment door, a latch side clearance of 18 inches (455 mm) minimum shall be provided.~~

~~The door shall be self-closing. A door pull complying with Section 404.2.6 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the compartment unless a clear floor space complying with Section 305.3 is provided within the compartment, beyond the arc of the door swing.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

NEW PROVISION:
604.9.2 Size. Toilet compartment clearance shall comply with Section 604.3.

SONAR
This is necessary to maintain the existing state code requirement. There is no cost associated with this provision.

NEW PROVISION:
604.9.3 Doors. Toilet compartment doors, including door hardware, shall comply with Section 404, except if the approach is to the latch side of the compartment door clearance between the door side of the stall and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with Section 404.2.6 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the compartment unless a clear floor space complying with Section 305.3 is provided within the compartment, beyond the arc of the door swing.

SONAR
This is necessary to maintain the existing state code requirement. There is no cost associated with this provision.

NEW PROVISION:
604.10.3 Doors. Toilet compartment doors, including door hardware, shall comply with Section 404. The door shall be self-closing. A door pull complying with Section 404.2.6 shall be placed on both sides of the door near the latch. Compartment doors shall not swing into the required minimum area of the compartment.

EXCEPTIONS:

1. An approach width of 42 inches (1065 mm) minimum shall be permitted when approaching the compartment from the latch side of the compartment door.
2. Door maneuvering clearance complying with Section 404.2.3.2 shall not be required on the compartment side of the door.

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SONAR
This is necessary in order to allow for the fact that ambulatory compartments will not allow for

door maneuvering clearance. It is reasonable to exempt the compartment side of the door from the maneuvering clearance requirement. This will decrease cost.

REPEAL

~~Subp. 6. **A117.1 Section 604.10.7, Dispensers.** A117.1 Section 604.10.7 is amended to read as follows:~~

~~**604.10.7 Dispensers.** Toilet paper dispensers shall comply with Section 309.4. Operable parts of dispensers shall be located in an area 12 inches (305 mm) minimum and 36 inches (915 mm) maximum from the rear wall, and 1 inch (25 mm) minimum above the seat and 1 1/2 inches (38 mm) minimum below the horizontal grab bar. Dispensers shall not be of a type that control delivery or does not allow continuous paper flow.~~

SONAR

This is necessary to address changes in A117.1. There is no cost associated with this provision.

REPEAL

~~**1341.0607 A117.1 SECTION 607.2, CLEARANCE.**~~

~~A117.1 Section 607.2 is amended to read as follows:~~

~~**607.2 Clearance.** A clearance in front of bathtubs extending the length of the bathtub and 30 inches (760 mm) minimum in depth shall be provided. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub.~~

~~**Exception:** In nursing home and boarding care resident rooms required to be accessible, and in common use areas intended for resident use, bathtubs and clear floor space that facilitate assisted bathing shall be permitted. A horizontal or vertical grab bar shall be provided adjacent to the bathtub transfer area to assist in drying of residents.~~

SONAR

This is necessary to avoid conflict and duplication of effort with the Department of Health. This should decrease cost.

1341.0608 A117.1 SECTION 608, SHOWER COMPARTMENTS.

REPEAL

~~Subpart 1. **A117.1 Section 608.2.2, Standard roll-in type shower compartment.** A117.1 Section 608.2.2 is amended to read as follows:~~

~~**608.2.2 Standard Roll-In Type Shower Compartment.** Standard roll-in type shower compartments shall have a clear inside dimension of 60 inches (1525 mm) minimum in width and 30 inches (760 mm) minimum in depth, measured at the center point of opposing sides. An entry 60 inches (1525 mm) minimum in width shall be provided. A clearance of 60 inches (1525 mm) minimum in length adjacent to the 60 inch (1525 mm) width of the open face of the shower compartment, and 30 inches (760 mm) minimum in depth shall be provided. A seat shall be~~

~~provided on an end wall. A lavatory complying with Section 606 shall be permitted at the end of the clearance opposite the seat.~~

~~Subp. 2. **A117.1 Section 608.2.** A117.1 Section 608.2 is amended by adding a section to read as follows:~~

~~**608.2.4 Nursing Home Shower Compartment.** In nursing home and boarding care resident rooms required to be accessible, and in common use areas intended for resident use, the minimum shower size shall be 48 inches (1220 mm) minimum by 48 inches (1220 mm) minimum, or 54 inches (1370 mm) minimum by 42 inches (1065 mm) minimum with the long side open.~~

~~Subp. 3. **A117.1 Section 608.3, Grab bars.** A117.1 Section 608.3 is amended to read as follows:~~

~~**608.3 Grab Bars.** Grab bars shall comply with Section 609 and shall be provided in accordance with Section 608.3. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor.~~

~~**Exceptions:**~~

~~1. Grab bars are not required to be installed in a shower facility for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with Section 608.3.~~

~~2. In Type A units, grab bars are not required to be installed where reinforcement complying with Section 1003.11.9 is installed for the future installation of grab bars.~~

~~3. In nursing home and boarding care resident rooms required to be accessible, and in common use areas intended for resident use, a nonslip vertical grab bar 24 inches (610 mm) long minimum shall be mounted at the shower entrance with the low end of the grab bar 36 inches (915 mm) above the floor.~~

~~Subp. 4. **A117.1 Section 608.3.2, Standard roll in type showers.** A117.1 Section 608.3.2 is amended to read as follows:~~

~~**608.3.2 Standard Roll In Type Showers.** In standard roll in type showers, grab bars shall be provided on the back wall and on the wall opposite the seat. Grab bars shall not be provided above the seat. Grab bars shall be 6 inches (150 mm) maximum from the adjacent wall.~~

~~**Exception:** In compartments more than 72 inches (1,830 mm) wide, grab bars are not required to extend more than 48 inches (1220 mm) from the seat on the back wall and are not required on the end wall opposite the seat.~~

~~Subp. 5. **A117.1 Section 608.4, Seats.** A117.1 Section 608.4 is amended to read as follows:~~

~~**608.4 Seats.** A folding or nonfolding seat shall be provided in transfer-type shower compartments.~~

~~A folding seat shall be provided in standard and alternate roll-in-type showers. Seats shall comply with Section 610.~~

~~**Exceptions:**~~

~~1. A shower seat is not required to be installed in a shower facility for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat complying with Section 608.4.~~

~~2. In Type A units, a shower seat is not required to be installed where reinforcement complying with Section 1003.11.9 is installed for the future installation of a shower seat.~~

~~Subp. 6. **A117.1 Section 608.5.1, Transfer type showers.** A117.1 Section 608.5.1 is amended to read as follows:~~

~~**608.5.1 Transfer Type Showers.** In transfer type showers, the controls and hand shower shall be located on the control wall opposite the seat, 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor, and 15 inches (380 mm) maximum from the centerline of the seat toward the shower opening.~~

~~Subp. 7. **A117.1 Section 608.5.2, Standard roll-in showers.** A117.1 Section 608.5.2 is amended to read as follows:~~

~~**608.5.2 Standard Roll-In Showers.** In standard roll-in showers, the controls and hand shower shall be located on the back wall 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor and be no more than 27 inches (685 mm) maximum from the end wall behind the seat.~~

~~Subp. 8. **A117.1 Section 608.5.3, Alternate roll-in showers.** A117.1 Section 608.5.3 is amended by deleting the exception.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

Subp. 9. **A117.1 Section 608.~~6~~5, Hand showers.** A117.1 Section 608.~~6~~ 5 is amended to read as follows:

608.~~6~~ 5 Hand Showers. A hand shower with a hose 59 inches (1500 mm) minimum in length, that can be used both as a fixed shower head and as a hand shower, shall be provided. The hand shower shall have a control with a nonpositive shut-off feature. Where provided, an adjustable-height hand shower mounted on a vertical bar shall be installed so as to not obstruct the use of grab bars.

EXCEPTION: A fixed shower head located 48 inches (1220 mm) maximum above the shower floor shall be permitted in lieu of a hand shower when approved by the administrative authority due to concerns for security or safety.

~~A hand-shower with a hose 59 inches (1500 mm) minimum in length, that can be used both as a fixed shower head and as a hand shower, shall be provided. The hand shower shall have a control with a nonpositive shut-off feature. An adjustable-height shower head mounted on a vertical bar shall be installed so as to not obstruct the use of grab bars.~~

> ~~**Exception:** A fixed shower head shall be permitted in lieu of a hand shower when approved by the administrative authority due to issues of security or safety.~~

SONAR
This is necessary to address changes in A117.1 and to maintain an existing state code provision. There is no cost associated with this provision.

1341.0609 A117.1 SECTION 609.4, POSITION OF GRAB BARS.

A117.1 Section 609.4.2 is amended to read as follows:

609.4.2 Position of Children's Grab Bars. At water closets primarily for children's use complying with Section 604.11, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the floor measured to the top of the gripping surface.
~~**609.4 Position of Grab Bars**~~

~~**609.4.1 General.** Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the floor measured to the top of the gripping surface.~~

> ~~**Exceptions:**~~
>
> ~~1. The lower grab bar on the back wall of a bathtub required by Section 607.4.1.1 or 607.4.2.1.~~
>
> ~~2. Vertical grab bars required by Sections 604.5.1, 607.4.1.2.2, 607.4.2.2.2, and 608.3.1.2.~~

~~**609.4.2 Children's Position of Grab Bars.** At water closets primarily for children's use complying with Section 604.10, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum to 27 inches (685 mm) maximum above the floor measured to the top of the gripping surface. A vertical grab bar shall be mounted with the bottom of the bar located between 21 inches (533 mm) minimum and 30 inches (760 mm) maximum above the floor and with the centerline of the bar located between 34 inches (865 mm) minimum and 36 inches (915 mm) maximum from the rear wall.~~

SONAR
This is necessary to address modifications to Section 604.5.1.2.1. There is no cost associated with this provision.

1341.0610 A117.1 SECTION 610, SEATS.

A117.1 Section 610.3 Shower Compartment Seats is amended by adding an exception ~~to read~~ as follows:

EXCEPTION: In standard roll-in type showers exceeding 36 inches (915 mm) in depth, the seat shall not be required to exceed 32 inches (815 mm) in length.

~~**610.3 Shower Compartment Seats.** The height of the seat shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom floor, measured to the top of the seat. In transfer-type and alternate roll-in-type showers, the seat shall extend along the seat wall to a point within 3 inches (76 mm) of the compartment entry. In standard roll-in-type showers, the seat shall extend from the control wall to a point within 3 inches (76 mm) of the compartment entry. Seats shall comply with Section 610.3.1 or 610.3.2.~~

~~**610.3.1 Rectangular Seats.** The rear edge of a rectangular seat shall be 2-1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum to 16 inches (405 mm) maximum from the seat wall. The side edge of the seat shall be 1-1/2 inches (38 mm) maximum from the back wall of a transfer-type shower and 1-1/2 inches (38 mm) maximum from the control wall of a roll-in-type shower.~~

~~**610.3.2 L-Shaped Seats.** The rear edge of an L-shaped seat shall be 2-1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum to 16 inches (405 mm) maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2 inches (38 mm) maximum from the wall and the front edge shall be 14 inches (355 mm) minimum and 15 inches (380 mm) maximum from the wall. The end of the "L" shall be 22 inches (560 mm) minimum and 23 inches (585 mm) maximum from the main seat wall.~~

SONAR
This is necessary to address changes in A117.1 and to limit the size of seats in roll-in showers. It is reasonable to limit the length of seats in large showers. This will decrease cost.

1341.0805 A117.1 SECTION 805, TRANSPORTATION FACILITIES.

Subpart 1. **A117.1 Section 805.9, Escalators.** A117.1 Section 805.9 is amended to read as follows:

805.9 Escalators. Where provided, escalators ~~shall have a 32 inch (815 mm) minimum clear width, and~~ shall comply with ~~Requirements 6.1.3.5.6, Step Demarcations, and 6.1.3.6.5, Flat Steps of ASME A17.1 as referenced in~~ Minnesota Rules, chapter 1307, Minnesota Elevator and Related Devices Code.

~~**Exception:** Existing escalators shall not be required to comply with Section 805.9.~~

SONAR
This is necessary to avoid repetition and conflict with the state elevator code. There is no cost associated with this provision.

REPEAL
~~Subp. 2. **A117.1 Section 805.10, Track crossings.** A117.1 Section 805.10 is amended to read~~

~~as follows:~~

~~**805.10 Track Crossings.** Where a circulation path crosses tracks, it shall comply with Section 402 and shall have a 24 inch (610 mm) deep detectable warning complying with Section 705 along the full width of the circulation path. The detectable warning surface shall be located so that the edge nearest the rail crossing is 6 inches (150 mm) minimum and 8 inches (205 mm) maximum from the vehicle dynamic envelope.~~

> ~~**Exception:** Openings for wheel flanges shall be permitted to be 2 1/2 inches (64 mm) maximum.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

NEW PROVISION:
904.5 Food Service Lines. The tops of tray slides in food service lines shall be 28 inches (710 mm) minimum and 34 inches (865 mm) maximum above the floor.

SONAR
This is necessary to limit the types of devices and products that are within the scope of the building code. It is reasonable that the code not apply to food elements and products which are likely to be non-fixed. This should reduce cost.

NEW PROVISION:
904.2 Approach. All portions of counters required to be accessible shall be located where transactions or services are customarily provided and be adjacent to a walking surface complying with Section 403.

SONAR
This is necessary to apply this provision to both check-out aisles and service counters. It is reasonable that the same provision apply to similar elements. There is no cost associated with this provision.

REPEAL
~~**1341.1002 A117.1 SECTION 1002.15, BEDS.**~~

> ~~A117.1 Section 1002 is amended by adding a section to read as follows:~~

~~**1002.15 Beds.** A clear floor space complying with Section 305 shall be provided on both sides of an accessible bed. The clear floor space shall be positioned for parallel approach to the side of the bed.~~

> ~~**Exception:** A single clear floor space shall be permitted between two beds.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

REPEAL

~~1341.1003 A117.1 SECTION 1003, TYPE A UNITS.~~

~~Subpart 1. **A117.1 Section 1003.5, Doors and doorways.** A117.1 Section 1003.5 is amended to read as follows:~~

~~**1003.5 Doors and doorways.** The primary entrance door to the unit, and all other doorways intended for user passage, shall comply with Section 404.~~

~~**Exceptions:**~~

~~1. Thresholds at exterior sliding doors shall be permitted to be 3/4 inch (19 mm) maximum in height, provided they are beveled with a slope not greater than 1:2.~~

~~2. In toilet rooms and bathrooms not required to comply with Sections 1003.11.5 through 1003.11.9, maneuvering clearances required by Section 404.2.3 are not required on the toilet room or bathroom side of the door.~~

~~Subp. 2. **A117.1 Section 1003.9, Operable parts.** A117.1 Section 1003.9 is amended to read as follows:~~

~~**1003.9 Operable Parts.** Operable parts of appliances, fixtures, equipment, and other devices shall comply with Section 309.~~

~~**Exceptions:**~~

~~1. Receptacle outlets serving a dedicated use.~~

~~2. One receptacle outlet is not required to comply with Section 309 where all of the following conditions are met:~~

~~(a) the receptacle outlet is above a length of countertop that is uninterrupted by a sink or appliance;~~
~~(b) at least one receptacle outlet complying with Section 1003.9 is provided for that length of countertop; and~~
~~(c) all other receptacle outlets provided for that length of countertop comply with Section 1003.9.~~

~~3. Floor receptacle outlets.~~

~~4. HVAC diffusers.~~

~~5. Controls mounted on ceiling fans.~~

~~6. Where redundant controls other than light switches are provided for a single element, one control in each pace shall not be required to be accessible.~~

~~7. Electrical panelboards shall not be required to comply with Section 309.4.~~

~~Subp. 3. **A117.1 Section 1003.11.7.3, Overlap.** A117.1 Section 1003.11.7.3 is amended to read as follows:~~

~~**1003.11.7.3 Overlap.** The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, paper dispensers, coat hooks, shelves, accessible routes, clear floor space required at other fixtures, and the wheelchair turning space. No other fixtures or obstructions shall be located within the required water closet clearance.~~

~~**Exception:** A lavatory measuring 24 inches (610 mm) maximum in depth and complying with Section 1003.11.5 shall be permitted on the rear wall 18 inches (455 mm) minimum from the centerline of the water closet where the clearance at the water closet is 66 inches (1675 mm) minimum measured perpendicular from the rear wall.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

1341.1004 A117.1 SECTION 1004, TYPE B UNITS.

NEW PROVISION
1004.3.1 Location. At least one accessible route shall connect all spaces and elements that are a part of the unit. Accessible routes shall coincide with or be located in the same area as a general circulation path.

EXCEPTIONS:

1. An accessible route is not required to unfinished attics and unfinished basements that are part of the unit.
2. One of the following is not required to be on an accessible route:
   2.1 A raised floor area in a portion of a living, dining, or sleeping room; or
   2.2 A sunken floor area in a portion of a living, dining, or sleeping room; or
   2.3 A mezzanine that does not have plumbing fixtures or an enclosed habitable space.
3. Multistory units that provide student housing and multistory units for congregate living shall provide an accessible route to all spaces and elements on the main floor level and to at least one bedroom and one bathroom.

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SONAR
The addition of Exception 3 is necessary in order to ensure that Group R-3 multistory units for student housing and congregate living residences will be Type B units and have at least one bedroom and bathroom on an accessible route. As this will expand the types of Group R occupancies providing student housing that are required to provide accessibility, it will increase cost.

REPEAL
~~Subp. 2. **A117.1 Section 1004.9, Operable parts.** A117.1 Section 1004.9 is amended to read as follows:~~

~~**1004.9 Operable Parts.** Lighting controls, electrical switches and receptacle outlets, environmental controls, electrical panelboards, and user controls for security or intercom systems shall comply with Sections 309.2 and 309.3.~~

~~**Exceptions:**~~

~~1. Receptacle outlets serving a dedicated use.~~

~~2. One receptacle outlet is not required to comply with Sections 309.2 and 309.3 where all of the following conditions are met:~~

~~(a) the receptacle outlet is above a length of countertop that is uninterrupted by a sink or appliance;~~
~~(b) at least one receptacle outlet complying with Section 1004.9 is provided for that length of countertop; and~~
~~(c) all other receptacle outlets provided for that length of countertop comply with Section 1004.9.~~

~~3. Floor receptacle outlets.~~

~~4. HVAC diffusers.~~

~~5. Controls mounted on ceiling fans.~~

~~6. Controls or switches mounted on appliances.~~

~~7. Plumbing fixture controls.~~

~~Subp. 3. **A117.1 Section 1004.11, Toilet and Bathing Facilities.**~~

~~A. A117.1 Section 1004.11.3.1.1, Lavatory, is amended to read as follows:~~

~~**1004.11.3.1.1 Lavatory.** A clear floor space complying with Section 305.3, positioned for a parallel approach, shall be provided. The clear floor space shall be centered on the lavatory.~~

~~**Exception:** Where only a forward approach is provided, a lavatory complying with Section 606 shall be provided, except that cabinetry shall be permitted under the lavatory provided such cabinetry can be removed without removal or replacement of the lavatory, and the floor finish extends under such cabinetry.~~

~~B. A117.1 Section 1004.11.3.1.2, Water closet, is amended to read as follows:~~

~~**1004.11.3.1.2 Water Closet.** The lateral distance from the centerline of the water closet shall comply with all of the following applicable criteria:~~

~~(a) where a side approach is provided to the water closet, the lateral distance from the~~

~~centerline of the water closet to an object shall be 18 inches (455 mm) minimum on the side opposite the direction of approach and 15 inches (380 mm) minimum on the approach side;~~

~~(b) where a forward approach is provided to the water closet, the lateral distance from the centerline of the water closet to an object shall be 15 inches (380 mm) minimum to one side and 18 inches (455 mm) minimum on the other side; or~~

~~(c) where either a forward approach or side approach is provided to the water closet and there is an object greater than 24 inches (610 mm) in length to one side of the water closet, the lateral distance from the centerline of the water closet to the object shall be 18 inches (455 mm) minimum.~~

~~The water closet shall be positioned to allow for future installation of a grab bar on the side with 18 inches (455 mm) clearance. Clearance around the water closet shall comply with Section 1004.11.3.1.2.1 or 1004.11.3.1.2.2.~~

~~C. A117.1 Section 1004.11.3.1.2.1, Parallel approach, is amended to read as follows:~~

~~**1004.11.3.1.2.1 Side Approach.** Where a side approach is provided, a clearance 56 inches (1420 mm) minimum measured from the wall behind the water closet, and 48 inches (1220 mm) minimum measured from a point 18 inches (455 mm) from the centerline of the water closet on the side opposite the direction of approach shall be provided. An obstruction complying with Section 1004.11.3.1.2.3 shall be permitted to overlap the clearance.~~

~~D. A117.1 Section 1004.11.3.1.2.2, Forward approach, is amended to read as follows:~~

~~**1004.11.3.1.2.2 Forward Approach.** Where a forward approach is provided, a clearance 66 inches (1675 mm) minimum measured from the wall behind the water closet, and 48 inches (1220 mm) minimum measured from a point 18 inches (455 mm) from the centerline of the water closet on the side designated for future installation of grab bars shall be provided. An obstruction complying with Section 1004.11.3.1.2.3 shall be permitted to overlap the clearance.~~

~~E. A117.1 Section 1004.11.3.1.2.3, Parallel or forward approach, is amended to read as follows:~~

~~**1004.11.3.1.2.3 Obstruction.** Where provided in Section 1004.11.3.1.2.1 or Section 1004.11.3.1.2.2, an obstruction projecting 24 inches (610 mm) maximum from the wall behind the water closet shall be permitted to overlap the clearance provided it does not reduce the width of the clearance to less than 33 inches (838 mm). Countertops shall be permitted to protrude 1 inch (25 mm) maximum beyond the obstruction.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

REPEAL
~~G. A117.1 Section 1004.11.3.1.3.2, Forward approach bathtubs, is amended to read as follows:~~

~~**1004.11.3.1.3.2 Perpendicular Approach Bathtubs.** A clearance 60 inches (1525 mm) minimum~~

~~in length and 48 inches (1220 mm) minimum in width shall be provided in front of bathtubs with a perpendicular approach. A lavatory or water closet shall be permitted in the clearance at either end of the bathtub.~~

~~H. A117.1 Section 1004.11.3.2.1.1, Clear floor space, is amended to read as follows:~~

~~**1004.11.3.2.1.1 Clear floor space.** A clear floor space complying with Section 305.3, positioned for a parallel approach, shall be provided.~~

~~**Exception:** Where only a forward approach is provided, a lavatory complying with Section 606 shall be provided, except that cabinetry shall be permitted under the lavatory, provided such cabinetry can be removed without removal or replacement of the lavatory, and the floor finish extends under such cabinetry.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

1341.~~1005~~ 1006 A117.1 SECTION ~~1005~~1006.6.1, PUBLIC OR COMMON-USE INTERFACE.

A117.1 Section ~~1005~~1006.6.1 is amended to read as follows:

~~1005~~1006.6.1 Public or Common-Use Interface. The public or common-use system interface shall include the capability of supporting voice and TTY communication with the unit interface. When requested to be provided by a unit occupant, the cost of providing the public or common-use component of the voice and TTY interface shall not be borne by the unit occupant.

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.

REPEAL
~~**1341.1100 A117.1 CHAPTER 11, SWIMMING POOLS, WADING POOLS, SPAS, SAUNAS, AND STEAM ROOMS.**~~

~~A117.1 is amended by adding a chapter to read as follows:~~

~~CHAPTER 11~~

~~SWIMMING POOLS, WADING POOLS, SPAS,SAUNAS, AND STEAM ROOMS~~

~~**1101**~~
~~**GENERAL**~~

~~**1101.1 Scoping.** Swimming pools, wading pools, spas, saunas, and steam rooms required to be accessible shall comply with the applicable provisions of this chapter.~~

~~**1102**~~

~~POOL LIFTS~~

~~**1102.1 General.** Pool lifts shall comply with Section 1102.~~

~~**1102.2 Pool Lift Location.** Pool lifts shall be located where the water level does not exceed 48 inches (1220 mm).~~

~~**Exceptions:**~~

~~1. Where the entire pool depth is greater than 48 inches (1220 mm), compliance with Section 1102.2 shall not be required.~~

~~2. Where multiple pool lift locations are provided, no more than one shall be required to be located in an area where the water level is 48 inches (1220 mm) maximum.~~

~~**1102.3 Seat Location.** In the raised position, the centerline of the seat shall be located over the deck and 16 inches (405 mm) minimum from the edge of the pool. The deck surface between the centerline of the seat and the pool edge shall have a slope not greater than 1:48.~~

~~**1102.4 Clear Deck Space.** On the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches (915 mm) wide minimum and shall extend forward 48 inches (1220 mm) minimum from a line located 12 inches (305 mm) behind the rear edge of the seat. The clear deck space shall have a slope not greater than 1:48.~~

~~**1102.5 Seat Height.** The height of the lift seat shall be 16 inches (405 mm) minimum and 19 inches (485 mm) maximum measured from the deck to the top of the seat surface when in the raised (load) position.~~

~~**1102.6 Seat.** The seat shall be 16 inches (405 mm) minimum wide, provide a back rest, and be of a firm and stable design.~~

~~**1102.7 Footrests and Armrests.** Footrests shall be provided and shall move with the seat. If provided, the armrest positioned opposite the water shall be removable or shall fold clear of the seat when the seat is in the raised (load) position.~~

~~**Exception:** Footrests shall not be required on pool lifts provided in spas.~~

~~**1102.8 Operation.** The lift shall be capable of unassisted operation from both the deck and water levels. Controls and operating mechanisms shall be unobstructed when the lift is in use and shall comply with Section 309.4.~~

~~**1102.9 Submerged Depth.** The lift shall be designed so that the seat will submerge to a water depth of 18 inches (455 mm) minimum below the stationary water level.~~

~~**1102.10 Lifting Capacity.** Single person pool lifts shall have a weight capacity of 300 pounds (136 kg) minimum and be capable of sustaining a static load of at least 1-1/2 times the rated load.~~

~~1103~~
~~SLOPED ENTRIES~~

~~**1103.1 General.** Sloped entries shall comply with Section 1103.~~

~~**1103.2 Sloped entries.** Sloped entries shall comply with Section 402, except as modified in Sections 1103.2 through 1103.4.~~

> ~~**Exception:** Where sloped entries are provided, the surfaces shall not be required to be slip resistant.~~

~~**1103.3 Submerged depth.** Sloped entries shall extend to a depth of 24 inches (610 mm) minimum and 30 inches (760 mm) maximum below the stationary water level. Where landings are required by Section 405.7, at least one landing shall be located 24 inches (610 mm) minimum and 30 inches (760 mm) maximum below the stationary water level.~~

> ~~**Exception:** In wading pools, the sloped entry and landings, if provided, shall extend to the deepest part of the wading pool.~~

~~**1103.4 Handrails.** At least two handrails complying with Section 505 shall be provided on the sloped entry. The clear width between handrails shall be 33 inches (840 mm) minimum and 38 inches (965 mm) maximum.~~

> ~~**Exceptions:**~~
>
> ~~1. Handrail extensions specified by Section 505.10.1 shall not be required at the bottom landing serving a sloped entry.~~
>
> ~~2. Where a sloped entry is provided for wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area, the handrails shall not be required to comply with the clear width requirements of Section 1103.4.~~
>
> ~~3. Sloped entries in wading pools shall not be required to provide handrails complying with Section 1103.4. If provided, handrails on sloped entries in wading pools shall not be required to comply with Section 505.~~

~~1104~~
~~TRANSFER WALLS~~

~~**1104.1 General.** Transfer walls shall comply with Section 1104.~~

~~**1104.2 Clear Deck Space.** A clear deck space of 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum with a slope not steeper than 1:48 shall be provided at the base of the transfer wall. Where one grab bar is provided, the clear deck space shall be centered on the grab bar. Where two grab bars are provided, the clear deck space shall be centered on the clearance between the grab bars.~~

~~**1104.3 Height.** The height of the transfer wall shall be 16 inches (405 mm) minimum and 19 inches (485 mm) maximum measured from the deck.~~

~~**1104.4 Wall Depth and Length.** The depth of the transfer wall shall be 12 inches (305 mm) minimum and 16 inches (405 mm) maximum. The length of the transfer wall shall be 60 inches (1525 mm) minimum and shall be centered on the clear deck space.~~

~~**1104.5 Surface.** Surfaces of transfer walls shall not be sharp and shall have rounded edges.~~

~~**1104.6 Grab Bars.** At least one grab bar complying with Section 609 shall be provided on the transfer wall. Grab bars shall be perpendicular to the pool wall and shall extend the full depth of the transfer wall. The top of the gripping surface shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above transfer walls. Where one grab bar is provided, clearance shall be 24 inches (610 mm) minimum on both sides of the grab bar. Where two grab bars are provided, clearance between grab bars shall be 24 inches (610 mm) minimum.~~

~~**Exception:** Grab bars on transfer walls shall not be required to comply with Section 609.4.~~

~~1105~~
~~TRANSFER SYSTEMS~~

~~**1105.1 General.** Transfer systems shall comply with Section 1105.~~

~~**1105.2 Transfer Platform.** A transfer platform shall be provided at the head of each transfer system. Transfer platforms shall provide 19 inches (485 mm) minimum clear depth and 24 inches (610 mm) minimum clear width.~~

~~**1105.3 Transfer Space.** A transfer space of 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum with a slope not steeper than 1:48 shall be provided at the base of the transfer platform surface and shall be centered along a 24 inch (610 mm) minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.~~

~~**1105.4 Height.** The height of the transfer platform shall comply with Section 1104.3.~~

~~**1105.5 Transfer Steps.** Transfer step height shall be 8 inches (205 mm) maximum. The surface of the bottom tread shall extend to a water depth of 18 inches (455 mm) minimum below the stationary water level.~~

~~**1105.6 Surface.** The surface of the transfer system shall not be sharp and shall have rounded edges.~~

~~**1105.7 Size.** Each transfer step shall have a tread clear depth of 14 inches (355 mm) minimum and 17 inches (430 mm) maximum and shall have a tread clear width of 24 inches (610 mm) minimum.~~

~~**1105.8 Grab Bars.** At least one grab bar on each transfer step and the transfer platform or a continuous grab bar serving each transfer step and the transfer platform shall be provided. Where a grab bar is provided on each step, the tops of gripping surfaces shall be 4 inches (100 mm)~~

~~minimum and 6 inches (150 mm) maximum above each step and transfer platform. Where a continuous grab bar is provided, the top of the gripping surface shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above the step nosing and transfer platform. Grab bars shall comply with Section 609 and be located on at least one side of the transfer system. The grab bar located at the transfer platform shall not obstruct transfer.~~

> ~~**Exception:** Grab bars on transfer systems shall not be required to comply with Section 609.4.~~

~~1106~~
~~POOL STAIRS~~

~~**1106.1 General.** Pool stairs shall comply with Section 1106.~~

~~**1106.2 Pool Stairs.** Pool stairs shall comply with Sections 504.2 through 504.6.~~

> ~~**Exception:** Pool step riser heights shall not be required to be 4 inches (100 mm) high minimum and 7 inches (180 mm) high maximum provided that riser heights are uniform.~~

~~**1106.3 Handrails.** The width between handrails shall be 20 inches (510 mm) minimum and 24 inches (610 mm) maximum. Handrail extensions required by Section 505.10.3 shall not be required on pool stairs.~~

~~1107~~
~~SAUNAS AND STEAM ROOMS~~

~~**1107.1 General.** Saunas and steam rooms shall comply with Section 1107.~~

~~**1107.2 Bench.** Where seating is provided in saunas and steam rooms, at least one bench shall comply with Section 903. Doors shall not swing into the clear floor space required by Section 903.2.~~

> ~~**Exception:** A readily removable bench shall be permitted to obstruct the turning space required by Section 1107.3 and the clear floor space required by Section 903.2.~~

~~**1107.3 Turning Space.** A turning space complying with Section 304 shall be provided within saunas and steam rooms.~~

SONAR
This is necessary to address changes in A117.1. There is no cost associated with this provision.