

1 Department of Labor and Industry
2 Adopted Permanent Rules Relating to Minnesota Accessibility Code
3 1341.0005 INCORPORATION OF CHAPTER 11 OF THE 2006 INTERNATIONAL
4 BUILDING CODE BY REFERENCE.

5 For purposes of this chapter, "IBC" means the 2006 edition
6 of the International Building Code as promulgated by the
7 International Code Council, Inc., Falls Church, Virginia.
8 Chapter 11 of the IBC is incorporated by reference and made part
9 of the Minnesota State Building Code except as amended in this
10 chapter. Portions of this chapter reproduce text and tables
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16 1341.0010 REFERENCED STANDARD.

17 For purposes of this chapter, "ICC All7.1" means the 2003
18 edition of ICC/ANSI All7.1 as promulgated by the Accredited
19 Standards Committee All7 on Architectural Features and Site
20 Design of Public Buildings and Residential Structures for
21 Persons with Disabilities. The ICC/ANSI All7.1-2003 edition is
22 approved by the American National Standard Institute (ANSI) and
23 owned by the International Code Council, Inc. ICC All7.1 is
24 incorporated by reference in IBC Chapter 11 and made part of the
25 Minnesota State Building Code except as amended in this
26 chapter. Portions of this chapter reproduce text and tables

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6 1341.0011 IBC CHAPTER 11.

7 Subpart 1. IBC Section 1101, General. IBC Section 1101 is
8 amended by adding a Section 1101.3 to read as follows:

9 1101.3 Equity. Where not all similar type facilities and spaces
10 are required to be accessible, accessible facilities and spaces
11 shall be provided with the same or equivalent elements as
12 provided in the nonaccessible facilities and spaces.

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

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

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

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

27 1103.2.1 **Specific requirements.** Accessibility is not required

1 in buildings and facilities, or portions thereof, to the extent
2 permitted by Sections 1104 through 1114.

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

5 **1103.2.2 Existing buildings.** Existing buildings shall comply
6 with Sections 1112, 1113, and 1114.

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

9 D. IBC Section 1103.2.14, Fuel-dispensing systems, is
10 deleted in its entirety.

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

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

14 **1104.4 Multilevel buildings and facilities.** At least one
15 accessible route shall connect each level, including mezzanines,
16 in multilevel buildings and facilities.

17 **Exceptions:**

18 1. An accessible route is not required to stories and
19 mezzanines above and below accessible levels that have
20 an aggregate area of not more than 3,000 square feet

21 (278.7 m²). This exception shall not apply to:

22 1.1 Public areas of Group M occupancies;

23 1.2 Public areas of health care providers (Group B or
24 Group I);

25 1.3 Public areas of passenger transportation
26 facilities and airports (Group A-3 or Group B);

27 1.4 Public areas of municipal and government

1 facilities; or

2 1.5 Any story or mezzanine with an occupant load of
3 more than 30.

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

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

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

17 **1104.4.1 Musical risers.** An accessible route shall be provided
18 to the main floor level and to at least one riser level of
19 built-in or fixed riser assemblies designed for instrumental or
20 choral use.

21 **Exception:** An accessible route is not required to
22 risers where performers are positioned on the main
23 floor level at the base of the risers.

24 **1104.4.2 Tiered areas.** Tiered areas without fixed seats shall
25 comply with Section 1104.4.2.1 or 1104.4.2.2.

26 **1104.4.2.1 Small tiered areas utilizing the floor area at the**
27 **base of the tier.** Where a tiered area has no more than five

1 tiers, the tier assembly has an occupant load of not more than
2 300, and the floor level at the base of the tier is utilized for
3 the same use as the tiers, an accessible route shall be provided
4 to the floor level at the base of the tier.

5 **1104.4.2.2 Other tiered areas.** Tiered areas not complying with
6 Section 1104.4.2.1 shall provide an accessible route to the
7 floor level at the base of the tier and to ten percent, but not
8 less than one level, of the tiered levels. Accessible tiers
9 shall be separated by a minimum of five intervening tiers.

10 **Exceptions:**

11 1. An accessible route shall not be required to tiers
12 where the depth of each tier is 36 inches (915 mm)
13 maximum.

14 2. An accessible route shall not be required to tiers
15 where the floor level at the base of the tier is not
16 utilized for the same use as the tiers, provided:
17 there are no more than five tiers; the tier assembly
18 has an occupant load of not more than 300; individuals
19 are intended to sit directly on the tier surface; and,
20 a clear floor space is provided adjacent to the tier
21 which allows a transfer onto a tier.

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

24 **1104.5 Location.** Accessible routes shall coincide with or be
25 located in the same area as a general circulation path. Where
26 the circulation path is interior, the accessible route shall
27 also be interior. Where only one accessible route is provided,

1 the accessible route shall not pass through kitchens, storage
2 rooms, restrooms, closets, or similar spaces.

3 **Exceptions:**

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

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

13 **Subp. 5. IBC Section 1105, Accessible entrances.**

14 A. IBC Section 1105.1, Public entrances, is amended
15 to read as follows:

16 **1105.1 Public entrances.** In addition to accessible entrances
17 required by Sections 1105.1.1 through 1105.1.5, at least 60
18 percent of all public entrances to each building, facility, and
19 tenant space shall be accessible.

20 **Exceptions:**

21 1. An accessible entrance is not required to areas
22 not required to be accessible.

23 2. Loading and service entrances that are not the
24 only entrance to a tenant space.

25 B. IBC Section 1105.1.6, Tenant spaces, dwelling
26 units and sleeping units, is renumbered and amended to read as
27 follows:

1 1105.2 Dwelling unit and sleeping unit entrances. At least one
2 accessible entrance shall be provided to each dwelling unit and
3 sleeping unit required to be an Accessible, Type A, or Type B
4 unit.

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

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

9 1107.4 Accessible route. At least one accessible route shall
10 connect accessible building or facility entrances with the
11 primary entrance of each Accessible unit, Type A unit, and Type
12 B unit within the building or facility and with those exterior
13 and interior spaces and facilities that serve the units.

14 **Exceptions:**

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

25 2. Exterior decks, patios, or balconies that are part
26 of Type B units and have impervious surfaces, and that
27 are not more than two inches (50 mm) below the

1 finished floor level of the adjacent interior space of
2 the unit.

3 B. IBC Section 1107.5.2.1, Accessible units, is
4 amended to read as follows:

5 **1107.5.2.1 Accessible units.** At least 50 percent but not less
6 than one of each type of the dwelling and sleeping units shall
7 be Accessible units.

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

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

15 **1107.6 Group R.** Accessible units, Type A units, Type B units,
16 and units with communication features shall be provided in Group
17 R occupancies in accordance with Sections 1107.6.1 through
18 1107.6.4.

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

21 **1107.6.1 Group R-1.** Accessible units, Type B units, and units
22 with communication features shall be provided in Group R-1
23 occupancies in accordance with Sections 1107.6.1.1 through
24 1107.6.1.5.

25 E. IBC Section 1107.6.1.1, Accessible units, is
26 amended to read as follows:

27 **1107.6.1.1 Accessible units.** Accessible dwelling units and

1 sleeping units shall be provided in accordance with Table
 2 1107.6.1.1. All facilities on a site shall be considered to
 3 determine the total number of Accessible units.

4 **TABLE 1107.6.1.1**

5 **ACCESSIBLE DWELLING AND SLEEPING UNITS**

6 Total Number of 7 Units Provided	8 Minimum Required 9 Number of 10 Accessible Units 11 Associated With 12 Roll-in Showers	13 Total Number 14 of Required 15 Accessible Units
16 1 to 25	17 0	18 1
19 26 to 50	20 0	21 2
22 51 to 75	23 1	24 4
25 76 to 100	26 1	27 5
28 101 to 150	29 2	30 7
31 151 to 200	32 2	33 8
34 201 to 300	35 3	36 10
37 301 to 400	38 4	39 12
40 401 to 500	41 4	42 13
43 501 to 1,000	44 1 percent of total	45 3 percent of total
46 Over 1,000	47 10, plus 1 for	48 30, plus 2 for
	49 each 100, or	50 each 100, or
	51 fraction thereof,	52 fraction thereof,
	53 over 1,000	54 over 1,000

27 **1107.6.1.1.1 Accessible unit facilities.** All interior and
 28 exterior spaces and elements provided as part of an Accessible
 29 dwelling unit or sleeping unit shall be accessible and located
 30 on an accessible route.

31 **Exceptions:**

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

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

36 F. IBC Section 1107.6.1, Group R-1, is amended by
 37 adding a Section to read as follows:

38 **1107.6.1.3 Communication features.** Dwelling units and sleeping

1 units with accessible communication features shall be provided
 2 in accordance with Table 1107.6.1.3 and shall provide the
 3 following:

- 4 1. Audible and visual alarms complying with ICC A117.1;
- 5 2. Visual notification devices to alert room occupants of
 6 a door knock or bell. Notification devices shall not be
 7 connected to visual alarm signal appliances.

8 **TABLE 1107.6.1.3**

9 **DWELLING OR SLEEPING UNITS WITH**
 10 **ACCESSIBLE COMMUNICATION FEATURES**

11	12	13	14	15	16	17	18
	Total number					Minimum required	
	of dwelling					number of	
	or sleeping					dwelling or	
	units					sleeping units	
	provided					with accessible	
						communication	
						features	
19	1					1	
20	2 to 25					2	
21	26 to 50					4	
22	51 to 75					7	
23	76 to 100					9	
24	101 to 150					12	
25	151 to 200					14	
26	201 to 300					17	
27	301 to 400					20	
28	401 to 500					22	
29	501 to 1,000					5 percent of total	
30	Over 1,000					50, plus 3 for	
31						each 100 over 1,000	

32
 33 G. IBC Section 1107.6.1, Group R-1, is amended by
 34 adding a Section to read as follows:
 35 **1107.6.1.4 Dispersion.** Units required to comply with Sections
 36 1107.6.1.1 and 1107.6.1.3 shall be dispersed to multiple floors
 37 in multistory facilities having more than two stories or
 38 providing more than 100 total units. Units required to comply
 39 with Sections 1107.6.1.1 and 1107.6.1.3 shall be dispersed among

1 the various classes of rooms. Where the minimum number of units
2 required to comply with Sections 1107.6.1.1 and 1107.6.1.3 is
3 not sufficient to allow for complete dispersion, units shall be
4 dispersed in the following priority: room type, number of beds,
5 and amenities. At least one unit required to comply with
6 Section 1107.6.1.1 shall also comply with Section 1107.6.1.3.
7 Not more than ten percent of units required to comply with
8 Section 1107.6.1.1 shall be used to satisfy the minimum number
9 of units required to comply with Section 1107.6.1.3.

10 H. IBC Section 1107.6.1, Group R-1, is amended by
11 adding a Section to read as follows:

12 **1107.6.1.5 Passage doors.** Passage doors into and within units
13 not required to comply with Section 1107.6.1.1 or 1107.6.1.2
14 shall provide a clear width in compliance with ICC A117.1.

15 **Exception:** Shower and sauna doors.

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

18 **1107.6.2 Group R-2.** Accessible units, Type A units, Type B
19 units, and units with communication features shall be provided
20 in Group R-2 occupancies in accordance with Sections 1107.6.2.1
21 and 1107.6.2.2.

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

24 **1107.6.2.1.1 Type A units.** In Group R-2 occupancies containing
25 more than seven dwelling units or sleeping units, at least two
26 percent but not less than one of the units shall be a Type A
27 unit. All units on a site shall be considered to determine the

1 total number of units and the required number of Type A units.
2 Type A units shall be dispersed among the various classes of
3 units. Where three or more Type A units are required, at least
4 one Type A unit shall be provided with an accessible roll-in
5 shower.

6 **Exceptions:**

- 7 1. The number of Type A units is permitted to be
8 reduced in accordance with Section 1107.7.
- 9 2. Existing structures on a site shall not contribute
10 to the total number of units on a site.

11 K. IBC Section 1107.6.2.2, Group R-2 other than
12 apartment houses, monasteries, and convents, is amended to read
13 as follows. Subsections 1107.6.2.2.1, Accessible units, and
14 1107.6.2.2.2, Type B units, are deleted in their entirety:
15 **1107.6.2.2 Group R-2 other than apartment houses, monasteries,**
16 **and convents.** In Group R-2 occupancies, other than apartment
17 houses, monasteries, and convents, Accessible units, Type B
18 units, and units with communication features shall be provided
19 in accordance with Sections 1107.6.1.1 through 1107.6.1.5.

20 L. IBC Section 1107.7, General exceptions, is amended
21 to read as follows:
22 **1107.7 General exceptions.** Where specifically permitted by
23 Section 1107.5 or 1107.6, the required number of Type A and Type
24 B units is permitted to be reduced in accordance with Sections
25 1107.7.1 through 1107.7.6.

26 M. IBC Section 1107.7, General exceptions, is amended
27 by adding a Section to read as follows:

1 1107.7.6 Owner occupied units. Type A units are not required in
2 dwelling units or sleeping units where sale of the unit occurs
3 prior to construction of the unit and the dwelling unit owner
4 declines the Type A provisions. The dwelling units and sleeping
5 units shall be Type B units.

6 Subp. 7. IBC Section 1108, Special occupancies. IBC
7 Section 1108.2.8, Dining areas, is amended to read as follows:
8 1108.2.8 Dining areas. In dining areas, the total floor area
9 allotted for seating and tables shall be accessible.

10 **Exceptions:**

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

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

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

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

26 1109.1 General. Accessible building features and facilities
27 shall be provided in accordance with Sections 1109.2 through

1 1109.17.

2 **Exception:** Type A and Type B dwelling and sleeping
3 units shall comply with ICC A117.1.

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

6 **1109.2.1.5 Prohibited location.** The accessible route from
7 separate-sex toilet rooms to a unisex toilet room shall not pass
8 through security checkpoints.

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

11 **1109.2.2 Water closet compartment.** Where water closet
12 compartments are provided in a toilet room or bathing facility,
13 at least one wheelchair-accessible compartment shall be
14 provided. Where the combined total water closet compartments
15 and urinals provided in a toilet room or bathing facility is six
16 or more, at least one ambulatory-accessible water closet
17 compartment shall be provided in addition to the
18 wheelchair-accessible compartment. When required in one gender
19 specific room, an ambulatory-accessible water closet compartment
20 shall be provided in the complementary gender specific toilet
21 room or bathing facility. Wheelchair-accessible and
22 ambulatory-accessible compartments shall comply with ICC A117.1.

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

25 E. IBC Section 1109.6, Elevators, is amended to read
26 as follows:

27 **1109.6 Elevators.** Passenger elevators on an accessible route

1 shall be accessible and comply with ICC A117.1 and Minnesota
2 Rules, chapter 1307, Minnesota Elevator and Related Devices Code.

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

8 F. IBC Section 1109.7, Lifts, is amended to read as
9 follows:

10 **1109.7 Lifts.** Platform (wheelchair) lifts are permitted to be a
11 part of a required accessible route in new construction where
12 indicated in Items 1 through 10. Platform (wheelchair) lifts
13 shall be installed in accordance with ICC A117.1 and Minnesota
14 Rules, chapter 1307, Minnesota Elevator and Related Devices Code.

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

17 2. An accessible route to wheelchair spaces required to
18 comply with the wheelchair space dispersion requirements of
19 Sections 1108.2.2 through 1108.2.5.

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

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

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

27 6. An accessible route to jury boxes and witness stands;

1 raised courtroom stations including judges' benches, clerks'
2 stations, bailiffs' stations, deputy clerks' stations, and court
3 reporters' stations; and to depressed areas such as the well of
4 the court.

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

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

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

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

13 G. IBC Section 1109.9, Detectable warnings, is
14 amended to read as follows:

15 **1109.9 Detectable warnings.** Passenger transit platform edges
16 bordering a drop-off and not protected by platform screens or
17 guards and circulation paths that cross tracks shall have a
18 detectable warning.

19 **Exception:** Detectable warnings are not required at
20 bus stops.

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

23 **1109.10 Assembly areas.** Assembly areas without fixed seats
24 shall comply with Section 1109.10.

25 **1109.10.1 Performance areas.** Circulation paths connecting
26 performance areas to assembly seating areas shall comply with
27 Section 1108.2.7.

1 1109.10.2 Assistive listening system. Assembly areas where
2 audible communications are integral to the use of the space
3 shall provide an assistive listening system complying with
4 Section 1108.2.6.

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

7 1109.12.3 Point of sale and service counters. Where counters
8 are provided for sales or distribution of goods or services, at
9 least one of each type provided in each area shall be
10 accessible. Where such counters are dispersed throughout the
11 building or facility, accessible counters shall also be
12 dispersed. Accessible counters, or portions of counters, shall
13 be located where transactions or services are customarily
14 provided.

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

17 1109.15 Automatic teller and fare vending machines. Where
18 automatic teller and fare vending machines are provided, at
19 least one machine at each location shall be accessible. Where
20 bins are provided for envelopes, wastepaper, or other purposes,
21 at least one of each type shall be accessible.

22 1109.16 Public telephones. Where coin-operated public pay
23 telephones, coinless public pay telephones, public
24 closed-circuit telephones, courtesy telephones, or other types
25 of public telephones are provided, public telephones shall be
26 provided in accordance with Section 1109.16 for each type of
27 public telephone provided. For purposes of this section, a bank

1 of telephones shall be considered two or more adjacent
 2 telephones. For purposes of this section, "public building"
 3 means a building or portion of a building constructed by, on
 4 behalf of, or for the use of the state of Minnesota or any local
 5 government and any department, agency, public school district,
 6 special purpose district, or other instrumentality of the state
 7 or local government.

8 **1109.16.1 Wheelchair accessible telephones.** Where public
 9 telephones are provided, telephones complying with ICC A117.1
 10 shall be provided in accordance with Table 1109.16.1.

11 **Exception:** Drive-up only public telephones.

12 **TABLE 1109.16.1**

13 **WHEELCHAIR ACCESSIBLE TELEPHONES**

14	Number of Telephones	Minimum Required Number of
15	Provided on a Floor,	Wheelchair Accessible
16	Level, or Exterior Site	Telephones
17		
18	1 or more single units	1 per floor, level,
19		and exterior site
20	1 bank	1 per floor, level,
21		and exterior site
22	2 or more banks	1 per bank
23		

24 **1109.16.2 Volume controls.** All public telephones shall have
 25 volume controls complying with ICC A117.1.

26 **1109.16.3 TTYs.** TTYs complying with ICC A117.1 shall be
 27 provided in accordance with Section 1109.16.3.

28 **1109.16.3.1 Bank requirement.** Where four or more public pay
 29 telephones are provided at a bank of telephones, at least one
 30 public TTY complying with ICC A117.1 shall be provided at that
 31 bank.

32 **Exception:** TTYs shall not be required at banks of

1 telephones located within 200 feet (61 m) of, and on
2 the same floor as, a bank containing a public TTY.

3 **1109.16.3.2 Floor requirement.** TTYS in public buildings shall
4 be provided in accordance with Section 1109.16.3.2.1. TTYS in
5 private buildings shall be provided in accordance with Section
6 1109.16.3.2.2.

7 **1109.16.3.2.1 Public buildings.** Where at least one public pay
8 telephone is provided on a floor of a public building, at least
9 one public TTY shall be provided on that floor.

10 **1109.16.3.2.2 Private buildings.** Where four or more public pay
11 telephones are provided on a floor of a private building, at
12 least one public TTY shall be provided on that floor.

13 **1109.16.3.3 Building requirement.** TTYS in public buildings
14 shall be provided in accordance with Section 1109.16.3.3.1.
15 TTYS in private buildings shall be provided in accordance with
16 Section 1109.16.3.3.2.

17 **1109.16.3.3.1 Public buildings.** Where at least one public pay
18 telephone is provided in a public building, at least one public
19 TTY shall be provided in the building.

20 **1109.16.3.3.2 Private buildings.** Where four or more public pay
21 telephones are provided in a private building, at least one
22 public TTY shall be provided in the building.

23 **1109.16.3.4 Exterior site requirement.** Where four or more
24 public pay telephones are provided on an exterior site, at least
25 one public TTY shall be provided on the site.

26 **1109.16.3.5 Rest stops, emergency roadside stops, and service**
27 **plazas.** Where a public pay telephone is provided at a public

1 rest stop, emergency roadside stop, or service plaza, at least
2 one public TTY shall be provided.

3 **1109.16.3.6 Hospitals.** Where a public pay telephone is provided
4 serving a hospital emergency room, hospital recovery room, or
5 hospital waiting room, at least one public TTY shall be provided
6 at each location.

7 **1109.16.3.7 Transportation facilities.** In addition to the
8 requirements of Sections 1109.16.3.1 through 1109.16.3.4, in
9 transportation facilities, where one public pay telephone serves
10 a particular entrance to a bus or rail facility, a TTY shall be
11 provided to serve that entrance. In airports, in addition to
12 the requirements of Sections 1109.16.3.1 through 1109.16.3.4, if
13 four or more public pay telephones are located in a terminal
14 outside the security areas, a concourse within the security
15 areas, or a baggage claim area in a terminal, at least one
16 public TTY shall also be provided in each location.

17 **1109.16.3.8 Detention and correctional facilities.** In detention
18 and correctional facilities, where a public pay telephone is
19 provided in a secured area used only by detainees or inmates and
20 security personnel, then at least one TTY shall be provided in
21 at least one secured area.

22 **1109.16.4 Shelves for portable TTYs.** Where a bank of telephones
23 in the interior of a building consists of three or more public
24 pay telephones, at least one public pay telephone at the bank
25 shall be provided with a shelf and an electrical outlet in
26 accordance with ICC A117.1.

27 **Exceptions:**

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

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

7 **1109.17 Two-way communication systems.** Where a two-way
 8 communication system is provided to gain admittance to a
 9 building or facility or to restricted areas within a building or
 10 facility, the system shall comply with ICC A117.1.

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

13 SECTION 1110

14 SIGNAGE

15 **1110.1 General.** Signs shall be provided in accordance with
 16 Section 1110 and shall comply with ICC A117.1.

17 **Exceptions:**

- 18 1. Building directories, menus, seat and row
 19 designations in assembly areas, occupant names,
 20 building addresses, and company names and logos shall
 21 not be required to comply.
- 22 2. Temporary, seven days or less, signs shall not be
 23 required to comply.
- 24 3. In detention and correctional facilities, signs
 25 not located in public use areas shall not be required
 26 to comply.

27 **1110.2 Designations.** Interior and exterior signs identifying

1 toilet rooms, bathing rooms, locker rooms, dressing rooms,
2 fitting rooms, room numbers, and room names shall comply with
3 ICC A117.1 Section 703.3. Where pictograms are provided, they
4 shall comply with ICC A117.1 Section 703.5 and include text
5 descriptors. The International Symbol of Accessibility
6 complying with ICC A117.1 Section 703.6.3.1 shall be provided at
7 the following locations:

- 8 1. Accessible passenger loading zones.
- 9 2. Accessible toilet and bathing rooms where not all such
10 rooms are accessible.
- 11 3. Accessible dressing, fitting, and locker rooms where
12 not all such rooms are accessible.

13 **1110.2.1 Exterior signs.** Exterior signs that are not located at
14 the door to the space they serve shall comply with ICC A117.1
15 Section 703.2.

16 **1110.3 Directional and informational signs.** Signs that provide
17 direction to or information about interior spaces and facilities
18 of the site shall comply with ICC A117.1 Section 703.2.

19 **1110.4 Means of egress.** Signs for means of egress shall comply
20 with Section 1110.4.

21 **1110.4.1 Exit doors and stair landings.** Exit signs required by
22 Section 1011.3 shall comply with ICC A117.1 Section 703.3.

23 Signage providing instructions for the operation of exit doors
24 shall comply with ICC A117.1 Section 703.2. Floor designations
25 within exit stairways shall comply with ICC A117.1 Section 504.9.

26 **1110.4.2 Areas of refuge.** Signs required by Section 1007.6.4 to
27 provide instructions in areas of refuge shall comply with ICC

1 All7.1 Section 703.2.

2 1110.4.3 Directional signs. Signs required by Section 1007.7 to
3 provide directions to accessible means of egress shall comply
4 with ICC All7.1 Section 703.2.

5 1110.5 Parking. Accessible parking spaces shall be identified
6 by signs complying with ICC All7.1 Section 502.7.

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

11 1110.6 Entrances. Where not all entrances are accessible,
12 accessible entrances shall be identified by the International
13 Symbol of Accessibility complying with ICC All7.1 Section
14 703.6.3.1. Directional signs complying with ICC All7.1 Section
15 703.2 that indicate the location of the nearest accessible
16 entrance shall be provided at all nonaccessible entrances.

17 1110.7 TTYs. TTY identification and directional signs shall be
18 provided in accordance with Section 1110.7.

19 1110.7.1 Identification signs. Public TTYs shall be identified
20 by the International Symbol of TTY complying with ICC All7.1
21 Section 703.6.3.2.

22 1110.7.2 Directional signs. Directional signs indicating the
23 location of the nearest public TTY shall be provided at all
24 banks of public pay telephones not containing a public TTY. In
25 addition, where signs provide direction to public pay
26 telephones, they shall also provide direction to public TTYs.
27 Directional signs shall comply with ICC All7.1 Section 703.2 and

1 shall include the International Symbol of TTY complying with ICC
2 All7.1 Section 703.6.3.2.

3 **1110.8 Assistive listening systems.** Each assembly area required
4 to provide assistive listening systems shall provide signs
5 informing patrons of the availability of the assistive listening
6 system. Assistive listening signs shall comply with ICC All7.1
7 Section 703.2 and shall include the International Symbol of
8 Access for Hearing Loss complying with ICC All7.1 Section
9 703.6.3.3.

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

15 **1110.9 Check-out aisles.** Where not all check-out aisles are
16 accessible, accessible check-out aisles shall be identified by
17 the International Symbol of Accessibility complying with ICC
18 All7.1 Section 703.6.3.1. Signage at accessible check-out
19 aisles shall be located in the same location as the
20 nonaccessible check-out aisle identification.

21 **Exception:** Where all check-out aisles serving a
22 single function are accessible, signs complying with
23 ICC All7.1 Section 703.6.3.1 shall not be required.

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

27 **SECTION 1111**

1 SWIMMING POOLS, WADING POOLS, SPAS,
2 SAUNAS, AND STEAM ROOMS

3 1111.1 General. Swimming pools, wading pools, spas, saunas, and
4 steam rooms shall comply with Section 1111.

5 1111.2 Swimming pools. At least two accessible means of entry
6 shall be provided for swimming pools. Accessible means of entry
7 shall be swimming pool lifts complying with ICC A117.1 Section
8 1102; sloped entries complying with ICC A117.1 Section 1103;
9 transfer walls complying with ICC A117.1 Section 1104; transfer
10 systems complying with ICC A117.1 Section 1105; and pool stairs
11 complying with ICC A117.1 Section 1106. At least one accessible
12 means of entry provided shall comply with ICC A117.1 Section
13 1102 or 1103.

14 **Exceptions:**

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

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

1 system complying with ICC A117.1 Section 1105.

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

5 1111.3 Wading pools. At least one accessible means of entry
6 shall be provided for wading pools. Accessible means of entry
7 shall comply with sloped entries complying with ICC A117.1
8 Section 1103.

9 1111.4 Spas. At least one accessible means of entry shall be
10 provided for spas. Accessible means of entry shall comply with
11 swimming pool lifts complying with ICC A117.1 Section 1102;
12 transfer walls complying with ICC A117.1 Section 1104; or
13 transfer systems complying with ICC A117.1 Section 1105.

14 **Exception:** Where spas are provided in a cluster, at
15 least five percent, but not less than one spa in each
16 cluster, shall be required to comply with Section
17 1111.4.

18 1111.5 Saunas and steam rooms. Saunas and steam rooms shall
19 comply with ICC A117.1 Section 1107.

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

25 Subp. 11. IBC Section 1112, Additions. A section is added
26 to read as follows:

27 SECTION 1112

1

ADDITIONS

2 1112.1 Minimum requirements. Accessibility provisions for new
3 construction shall apply to additions. Each addition shall, to
4 the maximum extent feasible, be located on an accessible route
5 of travel from an accessible main entrance. An addition that
6 contains, or affects the accessibility to, an area of primary
7 function, and is served by existing toilet, parking, telephone,
8 or drinking fountain facilities, shall provide these facilities
9 in accordance with Section 1113.9.

10 1112.2 Dwelling units and sleeping units. Where Group I-1, I-2,
11 I-3, R-1, R-2, R-3, or R-4 dwelling units or sleeping units are
12 being added, the requirements of Section 1107 for Accessible
13 units, Type A units, or Type B units, and Chapter 9 for
14 accessible alarms, apply only to the quantity of spaces being
15 added, until the number of units complies with the minimum
16 number required for new construction.

17 Subp. 12. IBC Section 1113, Alterations. A section is
18 added to read as follows:

19

SECTION 1113

20

ALTERATIONS

21 1113.1 Application. Where existing elements, spaces, features,
22 or common areas are altered, then each altered element, space,
23 feature, or common area shall comply with the applicable
24 provision for new construction. If the applicable provision for
25 new construction requires that an element, space, feature, or
26 common area be on an accessible route, the altered element,
27 space, feature, or common area shall be on an accessible route

1 as provided in Section 1113.9.

2 1113.2 **Extent of application.** No alteration of an existing
3 element, space, feature, or area of a building or facility shall
4 impose a requirement for greater accessibility than that which
5 would be required for new construction.

6 1113.3 **Decrease accessibility.** No alteration shall be
7 undertaken that decreases or has the effect of decreasing
8 accessibility or usability of a building or facility below the
9 requirements for new construction at the time of alteration.

10 1113.4 **Extent technically feasible.** Where compliance with this
11 section is technically infeasible, the alteration shall provide
12 accessibility to the maximum extent feasible. Any elements or
13 features of the building or facility that are being altered and
14 can be made accessible shall be made accessible within the scope
15 of the alteration.

16 1113.5 **Eighty-five percent alteration.** Where alterations of
17 single elements, when considered together, amount to an
18 alteration of at least 85 percent of the square foot area of a
19 room or space in a building or facility, the entire room or
20 space shall be made accessible.

21 **Exception:** Alterations undertaken by a tenant where
22 the additional space is outside the tenant space.

23 1113.6 **Means of egress.** Accessible means of egress are not
24 required to be provided in existing buildings and facilities.

25 1113.7 **Addition of escalator or stair.** Where an escalator or
26 stair is planned or installed where none existed previously and
27 major structural modifications are necessary for the

1 installation, then a means of accessible vertical access shall
2 be provided.

3 **1113.8 Entrances.** Where a planned alteration entails an
4 alteration to a building entrance, and the building or facility
5 has an accessible entrance, the altered entrance is not required
6 to be accessible unless required by Section 1113.9. If a
7 particular entrance is not made accessible, appropriate
8 accessible signage indicating the location of the nearest
9 accessible entrance shall be installed at or near the
10 inaccessible entrance so that a person with disabilities will
11 not be required to retrace the approach route from the
12 inaccessible entrance.

13 **1113.9 Alterations to an area containing a primary function.** In
14 addition to the requirements of Sections 1113.1 through 1113.8,
15 an alteration that affects or could affect the usability of or
16 access to an area containing a primary function shall be made to
17 ensure that, to the maximum extent feasible, the path of travel
18 to the altered area and the toilet rooms, parking facilities,
19 telephones, and drinking fountains serving the altered area are
20 accessible. For the purpose of complying with this section, an
21 area of primary function shall be defined as an area which
22 provides a major activity for which the facility is intended.
23 The alterations to the path of travel, toilet rooms, parking
24 facilities, telephones, and drinking fountains serving the
25 altered area need not exceed 20 percent of the cost of the
26 alteration to the primary function area.

27 **Exceptions:**

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

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

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

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

15 **1113.9.1 Priority for application.** Priority for application of
16 the 20 percent cost for the primary function area shall be as
17 follows:

- 18 1. accessible path of travel to the primary function area,
19 such as exterior route, building entrance, interior route, or
20 elevator;
- 21 2. accessible toilet facilities;
- 22 3. accessible parking;
- 23 4. accessible telephones; and
- 24 5. accessible drinking fountains.

25 **1113.10 Special technical provisions for alterations to**
26 **existing buildings and facilities.** Alterations to existing
27 buildings and facilities shall comply with Sections 1113.10.1

1 through 1113.10.9.

2 **1113.10.1 Elevators.** Altered elements of existing elevators
3 shall comply with ICC A117.1 and Minnesota Rules, chapter 1307,
4 Minnesota Elevator and Related Devices Code. The elements shall
5 also be altered in elevators programmed to respond to the same
6 hall call control as the altered elevator.

7 **1113.10.2 Platform lifts.** Platform (wheelchair) lifts complying
8 with ICC A117.1 and Minnesota Rules, chapter 1307, Minnesota
9 Elevator and Related Devices Code, shall be permitted to be used
10 as part of an accessible route. Standby power shall be provided
11 where a platform lift provides the only accessible route from a
12 space listed in Section 1109.7.

13 **1113.10.3 Toilet rooms and bathing facilities.** Toilet rooms and
14 bathing facilities shall comply with Sections 1113.10.3.1 and
15 1113.10.3.2.

16 **1113.10.3.1 Unisex rooms.** Where it is technically infeasible to
17 alter existing toilet rooms and bathing facilities to be
18 accessible, at least one accessible unisex toilet room or
19 bathing room shall be provided. The unisex room shall be
20 located in an easily accessible, convenient location from the
21 existing facilities. Each unisex toilet room shall contain one
22 water closet, one lavatory, and the door shall have a privacy
23 latch. In addition, unisex bathing rooms shall contain one
24 shower or bathtub fixture. Unisex toilet rooms and bathing
25 rooms shall also be permitted to contain one urinal. All
26 fixtures provided in the unisex room shall be accessible.

27 **1113.10.3.2 Ambulatory compartment.** In addition to the

1 provisions of Section 1113.10.3.1, an ambulatory compartment
2 shall be provided within the existing toilet room or bathing
3 facility, unless technically infeasible. If the ambulatory
4 compartment provides the only accessible water closet on the
5 floor, 48 inches (1220 mm) minimum of clear floor space shall be
6 provided in front of the water closet, unless technically
7 infeasible.

8 **1113.10.3.3 Signage.** Where existing toilet or bathing
9 facilities are not made accessible, directional signs indicating
10 the location of the nearest accessible toilet room or accessible
11 bathing room within the facility shall be provided. Signs shall
12 comply with ICC A117.1 Section 703.3 and shall include the
13 International Symbol of Accessibility complying with ICC A117.1
14 Section 703.6.3.1. Where existing toilet rooms or bathing rooms
15 are not accessible, the accessible toilet or accessible bathing
16 rooms shall be identified by the International Symbol of
17 Accessibility complying with ICC A117.1 Section 703.6.3.1.

18 **1113.10.4 Assembly areas.** Assembly areas shall comply with
19 Sections 1113.10.4.1 and 1113.10.4.2.

20 **1113.10.4.1 Wheelchair seating.** Where it is technically
21 infeasible to disperse accessible seating throughout an altered
22 assembly area, accessible seating areas shall be permitted to be
23 clustered. Each accessible seating area shall provide for
24 companion seating and shall be located on an accessible route.

25 **1113.10.4.2 Performance area.** Where it is technically
26 infeasible to alter all performing areas to be on an accessible
27 route, at least one of each type of performing area shall be

1 made accessible.

2 **1113.10.5 Dressing, fitting, and locker rooms.** Where dressing,
3 fitting, and locker rooms are being altered and technical
4 infeasibility can be demonstrated, one dressing, fitting, or
5 locker room for each sex on each level shall be made
6 accessible. Where only unisex rooms are provided, accessible
7 unisex rooms shall be permitted.

8 **1113.10.6 Dwelling or sleeping units.** Where dwelling or
9 sleeping units are being altered, the requirements of Section
10 1107 for Accessible units, Type A units, or Type B units, and
11 Chapter 9 for accessible alarms apply only to the quantity of
12 spaces being altered, until the number of units complies with
13 the minimum number required for new construction.

14 **1113.10.7 Check-out aisles.** Where check-out aisles are altered,
15 at least one of each type of check-out aisle serving each
16 function shall be made accessible until the number of accessible
17 check-out aisles complies with Section 1109.12.2.

18 **1113.10.8 Jury boxes and witness stands.** In alterations,
19 accessible wheelchair spaces are not required to be located
20 within the defined area of raised jury boxes or witness stands
21 and shall be permitted to be located outside these spaces where
22 the ramp or lift access restricts or projects into the means of
23 egress.

24 **1113.10.9 Historic buildings.** Where alterations to provide
25 accessibility to exterior and interior routes, ramps, entrances,
26 or toilets are undertaken to a qualified historic building or
27 facility that would threaten or destroy the historic

1 significance of the building or facility, the alternative
2 requirements in Sections 1113.10.9.1 through 1113.10.9.3 shall
3 be permitted.

4 **1113.10.9.1 Entrances.** At least one accessible entrance that is
5 used by the public shall be provided and located on an
6 accessible route.

7 **Exceptions:**

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

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

15 **1113.10.9.2 Toilet rooms.** Where toilets are provided, at least
16 one accessible toilet facility shall be provided along an
17 accessible route. The toilet facility shall be permitted to be
18 unisex in design.

19 **1113.10.9.3 Accessible route.** Accessible routes from an
20 accessible entrance to all publicly used spaces on at least the
21 level of the accessible entrance shall be provided. Access
22 shall be provided to all levels of a building or facility
23 whenever practical.

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

26 **SECTION 1114**

27 **CHANGE IN USE**

1 1114.1 General. Existing buildings or portions of buildings
2 that undergo a change of group or occupancy classification shall
3 comply with Section 1114.1.1 or 1114.1.2. No requirement for
4 change of group or occupancy shall impose a requirement for
5 greater accessibility than that which would be required for new
6 construction. Platform (wheelchair) lifts complying with ICC
7 All7.1 and Minnesota Rules, chapter 1307, Minnesota Elevator and
8 Related Devices Code, shall be permitted as a component of an
9 accessible route. Standby power shall be provided where a
10 platform lift provides the only accessible route from a space
11 listed in Section 1109.7. A change of group or occupancy that
12 incorporates any additions or alterations shall comply with
13 Sections 1112 to 1114.

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

20 1114.1.1 Entire building. When a change in occupancy to a
21 building places the building in a different division of the same
22 occupancy group or in a different occupancy group, the building
23 shall have all of the following accessible features:

- 24 1. At least one accessible building entrance.
- 25 2. At least one accessible route from an accessible
26 building entrance to primary function areas.
- 27 3. Signage complying with Section 1110.

1 4. Accessible parking, where parking is provided.

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

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

7 7. At least one accessible unisex toilet or bathing room,
8 or one accessible male and one accessible female toilet or
9 bathing room, located on an accessible route not more than one
10 story above or one story below a floor without such facilities.
11 Signage complying with Section 1113.10.3.3 shall be provided.

12 Where it is technically infeasible to comply with the new
13 construction criteria for a change of group or occupancy, items
14 1 to 7 shall conform to the criteria to the maximum extent
15 technically feasible.

16 **1114.1.2 Portion of a building.** When a change in occupancy to a
17 portion of a building places the portion of the building in a
18 different division of the same occupancy group or in a different
19 occupancy group, all of the following accessible features shall
20 be provided:

21 1. At least one accessible building entrance.

22 2. At least one accessible route from an accessible
23 building entrance to the portion of the building undergoing the
24 change in occupancy. In multistory buildings where the portion
25 of the building undergoing the change in occupancy is located
26 above or below the level of access and the number of occupants
27 of the new occupancy exceeds 30 occupants, an accessible route

1 shall be provided.

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

7 3. Accessible parking, where parking is provided.

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

10 5. At least one accessible unisex toilet or bathing room,
11 or one accessible male and one accessible female toilet or
12 bathing room, located on an accessible route not more than one
13 story above or one story below the portion of the building
14 undergoing the change in occupancy. Signage complying with
15 Section 1113.10.3.3 shall be provided.

16 Where it is technically infeasible to comply with the new
17 construction criteria for a change of group or occupancy, items
18 1 to 5 shall conform to the criteria to the maximum extent
19 technically feasible.

20 1341.0104 All7.1 SECTION 104, CONVENTIONS.

21 Subpart 1. All7.1 Section 104.2, Dimensions. All7.1
22 Section 104.2 is amended to read as follows:

23 **104.2 Dimensions.** Dimensions that are not stated as "maximum"
24 or "minimum" are absolute. All dimensions are subject to
25 conventional industry tolerances except where the dimension is
26 stated as a range with specific minimum and maximum end points.

27 Subp. 2. Section 104.6. All7.1 Section 104 is amended by

1 adding a Section to read as follows:

2 **104.6 Calculation of Percentages.** Where the required number of
3 elements or facilities to be provided is determined by
4 calculations of ratios or percentages and remainders or
5 fractions result, the next greater whole number of such elements
6 or facilities shall be provided. Where the determination of the
7 required size or dimension of an element or facility involves
8 ratios or percentages, rounding down for values less than
9 one-half shall be permitted.

10 1341.0105 A117.1 SECTION 105, REFERENCED STANDARDS.

11 Subpart 1. **A117.1 Section 105.2.5, Safety code for**
12 **elevators and escalators.** A117.1 Section 105.2.5 is deleted in
13 its entirety.

14 Subp. 2. **A117.1 Section 105.2.6, Safety standard for**
15 **platform lifts and stairway chairlifts.** A117.1 Section 105.2.6
16 is deleted in its entirety.

17 1341.0201 A117.1 SECTION 201, GENERAL.

18 A117.1 Section 201 is amended to read as follows:

19 **201 General.** This standard provides technical criteria for
20 making sites, facilities, buildings, and elements accessible.
21 The scoping provisions provided in the State Building Code
22 specify the extent to which these technical criteria apply.
23 These scoping provisions address the application of this
24 standard to: each building and occupancy type; new
25 construction, alterations, temporary facilities, and existing
26 buildings; specific site and building elements; and to multiple

1 elements or spaces provided within a site or building.

2 1341.0202 A17.1 SECTION 202, DWELLING AND SLEEPING UNITS.

3 A17.1 Section 202 is amended to read as follows:

4 **202 Dwelling and Sleeping Units.** Chapter 10 contains dwelling
5 unit and sleeping unit criteria for Accessible units, Type A
6 units, Type B units, and units with accessible communication
7 features. The extent to which these technical criteria apply is
8 provided in the scoping provisions of the State Building Code.
9 These scoping provisions address the types and numbers of units
10 required to comply with each set of unit criteria.

11 1341.0203 A17.1 SECTION 203, ADMINISTRATION.

12 A17.1 Section 203 is deleted in its entirety.

13 1341.0402 A17.1 SECTION 402.2, COMPONENTS.

14 A17.1 Section 402.2 is amended to read as follows:

15 **402.2 Components.** Accessible routes shall consist of one or
16 more of the following components: walking surfaces with a slope
17 not steeper than 1:20, doors and doorways, ramps, curb ramps
18 excluding the flared sides, elevators, and platform lifts. All
19 components of an accessible route shall comply with the
20 applicable portions of this standard.

21 **Exceptions:**

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

26 2. Where multiple buildings are provided on a site,

1 ramps shall not be a component of exterior accessible
2 routes connecting accessible building entrances. This
3 exception does not apply to buildings not normally
4 occupied.

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

10 1341.0403 A117.1 SECTION 403, WALKING SURFACES.

11 A117.1 Section 403.5 is amended to read as follows:

12 **403.5 Clear Width.** Clear width of an accessible route shall
13 comply with Table 403.5 except as modified by Sections 403.5.1,
14 403.5.2, and 403.5.3.

15 **TABLE 403.5**

16 **CLEAR WIDTH OF AN ACCESSIBLE ROUTE**

17 Segment Length	18 Minimum Segment Width
19 ≤ 24 inches (610 mm)	20 32 inches (815 mm) ¹
21 > 24 inches (610 mm)	22 36 inches (915 mm)

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

26 **403.5.1 Clear Width at Turn.** Where an accessible route makes a
27 180-degree turn around an object that is less than 48 inches
28 (1220 mm) in width, clear widths shall be 42 inches (1065 mm)
29 minimum approaching the turn, 48 inches (1220 mm) minimum during
the turn, and 42 inches (1065 mm) minimum leaving the turn.

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

3 **403.5.2 Passing Space.** An accessible route with a clear width
4 less than 60 inches (1525 mm) shall provide passing spaces at
5 intervals of 200 feet (61 m) maximum. Passing spaces shall be
6 either a 60-inch (1525 mm) minimum by 60-inch (1525 mm) minimum
7 space, or an intersection of two walking surfaces that provide a
8 T-shaped turning space complying with Section 304.3.2, provided
9 the base and arms of the T-shaped space extend 48 inches (1220
10 mm) minimum beyond the intersection.

11 **403.5.3 Exterior Walking Surfaces.** Walking surfaces with a
12 slope not steeper than 1:20 that are a part of an exterior
13 accessible route shall be 48 inches (1220 mm) wide minimum.

14 1341.0404 All7.1 SECTION 404, DOORS AND DOORWAYS.

15 Subpart 1. All7.1 Section 404.3.2, **Maneuvering**
16 **clearances.** All7.1 Section 404.3.2 is amended to read as
17 follows:

18 **404.3.2 Maneuvering Clearances.** Maneuvering clearances at
19 power-assisted doors shall comply with Section 404.2.3.
20 Clearances at automatic doors and gates without standby power
21 and serving an accessible means of egress shall comply with
22 Section 404.2.3.

23 **Exception:** Automatic doors and gates which remain
24 open in the power-off condition.

25 Subp. 2. All7.1 Section 404.3.5, **Control switches.** All7.1
26 Section 404.3.5 is amended to read as follows:

27 **404.3.5 Control Switches.** Manually operated control switches

1 shall comply with Section 404.3.5.

2 **404.3.5.1 Interior Location.** Manually operated control switches
3 at interior locations shall comply with Section 309. The clear
4 floor space adjacent to the control switch shall be located
5 beyond the arc of the door swing.

6 **404.3.5.2 Exterior Location.** Manually operated control switches
7 at exterior locations shall comply with Sections 309.2 and
8 309.4. The clear floor space adjacent to the control switch
9 shall be located beyond the arc of the door swing, be centered
10 on the control switch, and be positioned for a parallel approach
11 to the control switch. Control switches shall have a three-inch
12 (75 mm) minimum dimension measured at at least one point, such
13 as diagonal, diameter, or one side. Control switches shall be
14 mounted 30 inches (760 mm) minimum, measured to the bottom of
15 the control switch, and 36 inches (915 mm) maximum, measured to
16 the top of the control switch, above the finished floor.

17 1341.0407 A117.1 SECTION 407, ELEVATORS.

18 Subpart 1. A117.1 Section 407.1, General. A117.1 Section
19 407.1 is amended to read as follows:

20 **407.1 General.** Elevators shall comply with Section 407 and
21 Minnesota Rules, chapter 1307, Minnesota Elevator and Related
22 Devices Code. Elevators shall be passenger elevators as
23 classified by Minnesota Rules, chapter 1307, Minnesota Elevator
24 and Related Devices Code. Elevator operation shall be
25 automatic. Elevators shall not be attendant or key operated and
26 shall provide unassisted entry and exit from the elevator.

27 **Exception:** When approved by the administrative

1 authority, attendant or key operation shall be
2 permitted when all occupants have controlled or
3 restricted access to the space served by the elevator.

4 Subp. 2. All7.1 Section 407.4.3, Platform to hoistway
5 clearance. All7.1 Section 407.4.3 is amended to read as follows:
6 407.4.3 Platform to Hoistway Clearance. The clearance between
7 the car platform sill and the edge of any hoistway landing shall
8 comply with Minnesota Rules, chapter 1307, Minnesota Elevator
9 and Related Devices Code.

10 Subp. 3. All7.1 Section 407.4.10, Emergency
11 communications. All7.1 Section 407.4.10 is amended to read as
12 follows:

13 407.4.10 Emergency Communications. Emergency two-way
14 communication systems between the elevator car and a point
15 outside the hoistway shall comply with Section 407.4.10 and
16 Minnesota Rules, chapter 1307, Minnesota Elevator and Related
17 Devices Code.

18 1341.0408 All7.1 SECTION 408, LIMITED-USE/LIMITED-APPLICATION
19 ELEVATORS.

20 Subpart 1. All7.1 Section 408.1, General. All7.1 Section
21 408.1 is amended to read as follows:

22 408.1 General. Limited-use/limited-application elevators shall
23 comply with Section 408 and Minnesota Rules, chapter 1307,
24 Minnesota Elevator and Related Devices Code. Elevator operation
25 shall be automatic. Limited-use/limited-application elevators
26 shall not be attendant or key operated and shall provide
27 unassisted entry and exit from the elevator.

1 **Exception:** When approved by the administrative
2 authority, attendant or key operation shall be
3 permitted when all occupants have controlled or
4 restricted access to the space served by the elevator.

5 Subp. 2. All17.1 Section 408.3.3, Door location and width.

6 All17.1 Section 408.3.3 is amended to read as follows:

7 **408.3.3 Door Location and Width.** Car doors shall comply with
8 Section 408.3.3.

9 **408.3.3.1 Cars with Single Door or Doors on Opposite Ends.** Car
10 doors shall be positioned at the narrow end of cars with a
11 single door and on cars with doors on opposite ends. Doors
12 shall provide a clear opening width of 32 inches (815 mm)
13 minimum.

14 **408.3.3.2 Cars with Doors on Adjacent Sides.** Car doors shall be
15 permitted to be located on adjacent sides of cars that provide
16 an 18 square foot (1.67 m²) platform. Doors located on the
17 narrow end of cars shall provide a clear opening width of 36
18 inches (815 mm) minimum. Doors located on the long side shall
19 provide a clear opening width of 42 inches (1065 mm) minimum and
20 shall be located as far as possible from the end door on cars
21 with two doors, or be centered on cars with three doors.

22 **Exception:** Car doors that provide a clear opening
23 width of 36 inches (915 mm) minimum shall be permitted
24 to be located on adjacent sides of cars that provide a
25 clear floor area of 51 inches (1295 mm) in width and
26 51 inches (1295 mm) in depth.

27 Subp. 3. All17.1 Section 408.4.1, Inside dimensions of

1 elevator cars. All7.1 Section 408.4.1 is amended to read as
2 follows:

3 **408.4.1 Inside Dimensions of Elevator Cars.** Elevator cars shall
4 provide a clear width of 42 inches (1065 mm) minimum. The clear
5 floor area shall be not less than 2,268 square inches (1.46 m²)
6 or more than 2,601 square inches (1.68 m²).

7 **Exception:** For installations in existing buildings,
8 elevator cars that provide a clear floor area of 15
9 square feet (1.35 m²) minimum, and provide a clear
10 inside dimension of 36 inches (915 mm) minimum in
11 width and 54 inches (1370 mm) minimum in depth, shall
12 be permitted. This exception shall not apply to cars
13 with doors on adjacent sides.

14 **Subp. 4. All7.1 Section 408.4.3, Platform and hoistway**
15 **clearance.** All7.1 Section 408.4.3 is amended to read as follows:
16 **408.4.3 Platform to Hoistway Clearance.** The clearance between
17 the car platform sill and the edge of any hoistway landing shall
18 be in compliance with Minnesota Rules, chapter 1307, Minnesota
19 Elevator and Related Devices Code.

20 1341.0409 All7.1 SECTION 409, PRIVATE RESIDENCE ELEVATORS.

21 All7.1 Section 409 is amended to read as follows:

22 **409.1 General.** Private residence elevators shall comply with
23 Section 409 and Minnesota Rules, chapter 1307, Minnesota
24 Elevator and Related Devices Code. Elevator operation shall be
25 automatic.

26 **Exception:** Elevators complying with Section 407 or
27 Section 408.

1 1341.0410 All7.1 SECTION 410, PLATFORM LIFTS.

2 Subpart 1. All7.1 Section 410.1, General. All7.1 Section
3 410.1 is amended to read as follows:

4 **410.1 General.** Platform lifts shall comply with Section 410 and
5 Minnesota Rules, chapter 1307, Minnesota Elevator and Related
6 Devices Code. Platform lifts shall not be attendant or key
7 operated and shall provide unassisted entry and exit from the
8 lift.

9 **Exception:** When approved by the administrative
10 authority, attendant or key operation shall be
11 permitted when all occupants have controlled or
12 restricted access to the space served by the lift.

13 Subp. 2. All7.1 Section 410.2.1, Doors and gates. All7.1
14 Section 410.2.1 is amended to read as follows:

15 **410.2.1 Doors and Gates.** Doors and gates shall be low energy
16 power operated doors or gates complying with Section 404.3.
17 Doors shall remain open for 20 seconds minimum. End door
18 opening clear width shall be 32 inches (815 mm) minimum on lifts
19 with one door or doors on opposite ends and 36 inches (915 mm)
20 minimum clear width on lifts with doors on adjacent sides. Side
21 door clear opening width shall be 42 inches (1065 mm) minimum
22 and be located as far as possible from the end door on lifts
23 with two doors, or be centered on lifts with three doors.

24 **Exceptions:**

25 1. Lifts serving two landings maximum and having
26 doors or gates on opposite sides shall be permitted to
27 have self-closing manual doors or gates. This

1 exception shall not apply to doors or gates with ramps.

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

8 3. Lift doors and gates that provide a clear opening
9 width of 36 inches (915 mm) minimum shall be permitted
10 to be located on adjacent sides of lifts that provide
11 a clear floor area of 51 inches (1295 mm) in width and
12 51 inches (1295 mm) in depth.

13 Subp. 3. All7.1 Section 410.2.2, Ramps. All7.1 Section
14 410.2.2 is amended to read as follows:

15 410.2.2 Ramps. Ramp widths shall not be less than the door or
16 gate they serve.

17 Subp. 4. All7.1 Section 410.5, Clear floor space. All7.1
18 Section 410.5 is amended to read as follows:

19 410.5 Clear Floor Space. Clear floor space of platform lifts
20 shall comply with Section 410.5.

21 410.5.1 Lifts with Single Door or Doors on Opposite Ends. Clear
22 floor space of platform lifts with a single door or with doors
23 on opposite ends shall provide a clear width of 32 inches (815
24 mm) minimum and a clear depth of 48 inches (1220 mm) minimum.

25 410.5.2. Lifts with Doors on Adjacent Sides. Clear floor space
26 of platform lifts with doors on adjacent sides shall provide a
27 clear width of 42 inches (1065 mm) minimum and a total platform

1 area of 18 square feet (1.67 m²).

2 1341.0502 All7.1 SECTION 502, PARKING SPACES.

3 Subpart 1. All7.1 Section 502.2, Vehicle space size.

4 All7.1 Section 502.2 is amended to read as follows:

5 **502.2 Vehicle Space Size.** Car and van parking spaces shall be
6 96 inches (2440 mm) minimum in width.

7 Subp. 2. All7.1 Section 502.4, Access aisle. All7.1

8 Section 502.4 is amended to read as follows:

9 **502.4 Access Aisle.** Car and van parking spaces shall have an
10 adjacent access aisle complying with Section 502.4.

11 **502.4.1 Location.** Access aisles shall adjoin an accessible
12 route. Two parking spaces shall be permitted to share a common
13 access aisle. Access aisles shall not overlap with the
14 vehicular way. Parking spaces shall be permitted to have access
15 aisles placed on either side of the car or van parking space.
16 Van parking spaces that are angled shall have access aisles
17 located on the passenger side of the parking space.

18 **502.4.2 Width.** Access aisles serving car and van parking spaces
19 shall be 96 inches (2440 mm) minimum in width.

20 **502.4.3 Length.** Access aisles shall extend the full length of
21 the parking spaces they serve.

22 **502.4.4 Marking.** Access aisles shall be marked with the
23 designation "no parking." Where access aisles are marked with
24 lines, the width measurements of access aisles and adjacent
25 parking spaces shall be made from the centerline of the markings.

26 **Exception:** Where access aisles or parking spaces are
27 not adjacent to another access aisle or parking space,

1 measurements shall be permitted to include the full
2 width of the line defining the access aisle or parking
3 space.

4 Subp. 3. **All17.1 Section 502.7, Identification.** All17.1
5 Section 502.7 is amended to read as follows:
6 **502.7 Identification.** Accessible parking spaces shall be
7 identified by signs complying with Minnesota Statutes, section
8 169.346, and include the ~~Internation~~ International Symbol of
9 Accessibility complying with Section 703.6.3.1. Where all
10 accessible parking spaces do not provide a minimum vertical
11 clearance of 98 inches (2490 mm), signs identifying van parking
12 spaces shall contain the designation "van accessible." Signs
13 shall be centered at the head end of the parking space a maximum
14 of 96 inches (2440 mm) from the head of the parking space, and
15 be mounted 60 inches (1525 mm) minimum and 66 inches (1676 mm)
16 maximum above the floor of the parking space, measured to the
17 bottom of the sign.

18 **Exception:** Parallel parking spaces shall have a sign
19 located on the side, at the head end of the parking
20 space.

21 1341.0603 All17.1 SECTION 603, TOILET AND BATHING ROOMS.

22 Subpart 1. **All17.1 Section 603.3, Mirrors.** All17.1 Section
23 603.3 is amended to read as follows:
24 **603.3 Mirrors.** Mirrors located above lavatories, sinks, or
25 counters shall be mounted with the bottom edge of the reflecting
26 surface 40 inches (1015 mm) maximum above the floor. Mirrors
27 not located above lavatories, sinks, or counters shall be

1 mounted with the bottom edge of the reflecting surface 35 inches
2 (890 mm) maximum above the floor.

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

10 Subp. 2. Section 603. All7.1 Section 603 is amended by
11 adding a section to read as follows:

12 **603.5 Diaper Changing Tables.** At least one diaper changing
13 table shall comply with Section 902. Folding tables shall be
14 permitted to have the latching mechanism located 54 inches (1370
15 mm) maximum above the floor provided a clear floor space
16 complying with Section 305 is positioned for a parallel approach
17 to the changing table when in the folded position.

18 1341.0604 All7.1 SECTION 604, WATER CLOSETS AND TOILET
19 COMPARTMENTS.

20 Subpart 1. All7.1 Section 604.3.1, Size. All7.1 Section
21 604.3.1 is amended to read as follows:

22 **604.3.1 Size.** A clearance around a water closet 60 inches (1525
23 mm) minimum, measured perpendicular from the side wall, and
24 either 78 inches (1980 mm) minimum, measured perpendicular from
25 the rear wall, or 48 inches (1220 mm) minimum plus the depth of
26 the water closet fixture, measured perpendicular from the rear
27 wall, shall be provided.

1 Subp. 2. All7.1 Section 604.5.1, Fixed side wall grab
2 bars. All7.1 Section 604.5.1 is amended to read as follows:
3 604.5.1 Fixed Side Wall Grab Bars. Fixed side wall grab bars
4 shall be 42 inches (1065 mm) minimum in length, located 12
5 inches (305 mm) maximum from the rear wall and extending 54
6 inches (1370 mm) minimum from the rear wall. In addition, a
7 vertical grab bar 18 inches (455 mm) minimum in length shall be
8 mounted with the bottom of the bar located between 39 inches
9 (990 mm) and 41 inches (1040 mm) above the floor, and with the
10 center line of the bar located between 39 (990 mm) and 41 inches
11 (1040 mm) from the rear wall.

12 **Exceptions:**

- 13 1. In Type A and Type B units, the vertical grab bar
14 component is not required.
- 15 2. In a Type B unit, when a side wall is not
16 available for a 42 inch (1065 mm) grab bar, the
17 sidewall grab bar shall be permitted to be 18 inches
18 (455 mm) minimum in length, located 12 inches (305 mm)
19 maximum from the rear wall and extending 30 inches
20 (760 mm) minimum from the rear wall.
- 21 3. In nursing home and boarding care resident rooms
22 required to be accessible, and in common use areas
23 intended for resident use, an L-shaped grab bar with
24 each leg at least 18 inches (455 mm) minimum in length
25 shall be provided on the side wall. The vertical
26 portion of the grab bar shall be mounted 12 inches
27 (305 mm) past the front edge of the water closet with

1 the horizontal portion extending toward the rear wall
2 at a height of ten inches (252 mm) above the toilet
3 seat.

4 Subp. 3. All7.1 Section 604.7, Dispensers. All7.1 Section
5 604.7 is amended to read as follows:

6 **604.7 Dispensers and Sanitary Product Receptacles.** Toilet paper
7 dispensers and sanitary product receptacles shall comply with
8 Section 309.4. Operable parts of dispensers and sanitary
9 product receptacles shall be located within an area 12 inches
10 (305 mm) minimum and 40 inches (1016 mm) maximum from the rear
11 wall, and 18 inches (455 mm) minimum above the floor and 1-1/2
12 inches (38 mm) minimum below the horizontal grab bar.

13 Dispensers shall not be of a type that control delivery, or does
14 not allow continuous paper flow.

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

22 Subp. 4. All7.1 Section 604.8.2, Size. All7.1 Section
23 604.8.2 is amended to read as follows:

24 **604.8.2 Size.** The minimum area of a wheelchair accessible
25 compartment shall comply with Section 604.3.

26 Subp. 5. All7.1 Section 604.8.3, Doors. All7.1 Section
27 604.8.3 is amended to read as follows:

1 **604.8.3 Doors.** Toilet compartment doors, including door
2 hardware, shall comply with Section 404.1, except:

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

6 2. When exiting the compartment with a latch side approach
7 to the compartment door, a latch side clearance of 20 inches
8 (508 mm) minimum shall be provided. Where space permits, the
9 maneuvering clearance shall comply with Section 404.2.3;

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

13 The door shall be self-closing. A door pull complying with
14 Section 404.2.6 shall be placed on both sides of the door near
15 the latch. Toilet compartment doors shall not swing into the
16 compartment unless a clear floor space complying with Section
17 305.3 is provided within the compartment, beyond the arc of the
18 door swing.

19 Subp. 6. All7.1 Section 604.10.7, Dispensers. All7.1
20 Section 604.10.7 is amended to read as follows:

21 **604.10.7 Dispensers.** Toilet paper dispensers shall comply with
22 Section 309.4. Operable parts of dispensers shall be located in
23 an area 12 inches (305 mm) minimum and 36 inches (915 mm)
24 maximum from the rear wall, and 1 inch (25 mm) minimum above the
25 seat and 1-1/2 inches (38 mm) minimum below the horizontal grab
26 bar. Dispensers shall not be of a type that control delivery or
27 does not allow continuous paper flow.

1 1341.0606 All7.1 SECTION 606.2, CLEAR FLOOR SPACE.

2 All7.1 Section 606.2 is amended by adding an exception to
3 read as follows:

4 7. A parallel approach complying with Section 305
5 shall be permitted to a service sink requiring a deep
6 bowl.

7 1341.0607 All7.1 SECTION 607.2, CLEARANCE.

8 All7.1 Section 607.2 is amended to read as follows:

9 **607.2 Clearance.** A clearance in front of bathtubs extending the
10 length of the bathtub and 30 inches (760 mm) minimum in depth
11 shall be provided. Where a permanent seat is provided at the
12 head end of the bathtub, the clearance shall extend 12 inches
13 (305 mm) minimum beyond the wall at the head end of the bathtub.

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

21 1341.0608 All7.1 SECTION 608, SHOWER COMPARTMENTS.

22 Subpart 1. All7.1 Section 608.2.2, Standard roll-in-type
23 shower compartment. All7.1 Section 608.2.2 is amended to read
24 as follows:

25 **608.2.2 Standard Roll-In-Type Shower Compartment.** Standard
26 roll-in-type shower compartments shall have a clear inside

1 dimension of 60 inches (1525 mm) minimum in width and 30 inches
2 (760 mm) minimum in depth, measured at the center point of
3 opposing sides. An entry 60 inches (1525 mm) minimum in width
4 shall be provided. A clearance of 60 inches (1525 mm) minimum
5 in length adjacent to the 60 inch (1525 mm) width of the open
6 face of the shower compartment, and 30 inches (760 mm) minimum
7 in depth shall be provided. A seat shall be provided on an end
8 wall. A lavatory complying with Section 606 shall be permitted
9 at the end of the clearance opposite the seat.

10 Subp. 2. All7.1 Section 608.2. All7.1 Section 608.2 is
11 amended by adding a section to read as follows:

12 **608.2.4 Nursing Home Shower Compartment.** In nursing home and
13 boarding care resident rooms required to be accessible, and in
14 common use areas intended for resident use, the minimum shower
15 size shall be 48 inches (1220 mm) minimum by 48 inches (1220 mm)
16 minimum, or 54 inches (1370 mm) minimum by 42 inches (1065 mm)
17 minimum with the long side open.

18 Subp. 3. All7.1 Section 608.3, Grab bars. All7.1 Section
19 608.3 is amended to read as follows:

20 **608.3 Grab Bars.** Grab bars shall comply with Section 609 and
21 shall be provided in accordance with Section 608.3. Where
22 multiple grab bars are used, required horizontal grab bars shall
23 be installed at the same height above the floor.

24 **Exceptions:**

25 1. Grab bars are not required to be installed in a
26 shower facility for a single occupant, accessed only
27 through a private office and not for common use or

1 public use, provided reinforcement has been installed
2 in walls and located so as to permit the installation
3 of grab bars complying with Section 608.3.

4 2. In Type A units, grab bars are not required to be
5 installed where reinforcement complying with Section
6 1003.11.9 is installed for the future installation of
7 grab bars.

8 3. In nursing home and boarding care resident rooms
9 required to be accessible, and in common use areas
10 intended for resident use, a nonslip vertical grab bar
11 24 inches (610 mm) long minimum shall be mounted at
12 the shower entrance with the low end of the grab bar
13 36 inches (915 mm) above the floor.

14 Subp. 4. All7.1 Section 608.3.2, Standard roll-in-type
15 showers. All7.1 Section 608.3.2 is amended to read as follows:
16 **608.3.2 Standard Roll-In-Type Showers.** In standard roll-in-type
17 showers, grab bars shall be provided on the back wall and on the
18 wall opposite the seat. Grab bars shall not be provided above
19 the seat. Grab bars shall be 6 inches (150 mm) maximum from the
20 adjacent wall.

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

26 Subp. 5. All7.1 Section 608.4, Seats. All7.1 Section
27 608.4 is amended to read as follows:

1 **608.4 Seats.** A folding or nonfolding seat shall be provided in
2 transfer-type shower compartments. A folding seat shall be
3 provided in standard and alternate roll-in-type showers. Seats
4 shall comply with Section 610.

5 **Exceptions:**

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

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

16 **Subp. 6. All7.1 Section 608.5.1, Transfer-type showers.**

17 All7.1 Section 608.5.1 is amended to read as follows:

18 **608.5.1 Transfer-Type Showers.** In transfer-type showers, the
19 controls and hand shower shall be located on the control wall
20 opposite the seat, 38 inches (965 mm) minimum and 48 inches
21 (1220 mm) maximum above the shower floor, and 15 inches (380 mm)
22 maximum from the centerline of the seat toward the shower
23 opening.

24 **Subp. 7. All7.1 Section 608.5.2, Standard roll-in showers.**

25 All7.1 Section 608.5.2 is amended to read as follows:

26 **608.5.2 Standard Roll-In Showers.** In standard roll-in showers,
27 the controls and hand shower shall be located on the back wall

1 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above
2 the shower floor and be no more than 27 inches (685 mm) maximum
3 from the end wall behind the seat.

4 Subp. 8. All7.1 Section 608.5.3, Alternate roll-in
5 showers. All7.1 Section 608.5.3 is amended by deleting the
6 exception.

7 Subp. 9. All7.1 Section 608.6, Hand showers. All7.1
8 Section 608.6 is amended to read as follows:
9 **608.6 Hand Showers.** A hand shower with a hose 59 inches (1500
10 mm) minimum in length, that can be used both as a fixed shower
11 head and as a hand shower, shall be provided. The hand shower
12 shall have a control with a nonpositive shut-off feature. An
13 adjustable-height shower head mounted on a vertical bar shall be
14 installed so as to not obstruct the use of grab bars.

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

19 1341.0609 All7.1 SECTION 609.4, POSITION OF GRAB BARS.

20 All7.1 Section 609.4 is amended to read as follows:

21 **609.4 Position of Grab Bars**

22 **609.4.1 General.** Grab bars shall be installed in a horizontal
23 position, 33 inches (840 mm) minimum and 36 inches (915 mm)
24 maximum above the floor measured to the top of the gripping
25 surface.

26 **Exceptions:**

27 1. The lower grab bar on the back wall of a bathtub

1 required by Section 607.4.1.1 or 607.4.2.1.

2 2. Vertical grab bars required by Sections 604.5.1,
3 607.4.1.2.2, 607.4.2.2.2, and 608.3.1.2.

4 **609.4.2 Children's Position of Grab Bars.** At water closets
5 primarily for children's use complying with Section 604.10, grab
6 bars shall be installed in a horizontal position 18 inches (455
7 mm) minimum to 27 inches (685 mm) maximum above the floor
8 measured to the top of the gripping surface. A vertical grab
9 bar shall be mounted with the bottom of the bar located between
10 21 inches (533 mm) minimum and 30 inches (760 mm) maximum above
11 the floor and with the centerline of the bar located between 34
12 inches (865 mm) minimum and 36 inches (915 mm) maximum from the
13 rear wall.

14 1341.0610 A117.1 SECTION 610, SEATS.

15 A117.1 Section 610.3 is amended to read as follows:

16 **610.3 Shower Compartment Seats.** The height of the seat shall be
17 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above
18 the bathroom floor, measured to the top of the seat. In
19 transfer-type and alternate roll-in-type showers, the seat shall
20 extend along the seat wall to a point within 3 inches (76 mm) of
21 the compartment entry. In standard roll-in-type showers, the
22 seat shall extend from the control wall to a point within 3
23 inches (76 mm) of the compartment entry. Seats shall comply
24 with Section 610.3.1 or 610.3.2.

25 **610.3.1 Rectangular Seats.** The rear edge of a rectangular seat
26 shall be 2-1/2 inches (64 mm) maximum and the front edge 15
27 inches (380 mm) minimum to 16 inches (405 mm) maximum from the

1 seat wall. The side edge of the seat shall be 1-1/2 inches (38
2 mm) maximum from the back wall of a transfer-type shower and
3 1-1/2 inches (38 mm) maximum from the control wall of a
4 roll-in-type shower.

5 **610.3.2 L-Shaped Seats.** The rear edge of an L-shaped seat shall
6 be 2-1/2 inches (64 mm) maximum and the front edge 15 inches
7 (380 mm) minimum to 16 inches (405 mm) maximum from the seat
8 wall. The rear edge of the "L" portion of the seat shall be
9 1-1/2 inches (38 mm) maximum from the wall and the front edge
10 shall be 14 inches (355 mm) minimum and 15 inches (380 mm)
11 maximum from the wall. The end of the "L" shall be 22 inches
12 (560 mm) minimum and 23 inches (585 mm) maximum from the main
13 seat wall.

14 1341.0805 All7.1 SECTION 805, TRANSPORTATION FACILITIES.

15 Subpart 1. All7.1 Section 805.9, Escalators. All7.1
16 Section 805.9 is amended to read as follows:

17 **805.9 Escalators.** Where provided, escalators shall have a 32
18 inch (815 mm) minimum clear width, and shall comply with
19 Requirements 6.1.3.5.6, Step Demarcations, and 6.1.3.6.5, Flat
20 Steps of ASME ~~A17.1~~ A17.1 as referenced in Minnesota Rules,
21 chapter 1307, Minnesota Elevator and Related Devices Code.

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

24 Subp. 2. All7.1 Section 805.10, Track crossings. All7.1
25 Section 805.10 is amended to read as follows:

26 **805.10 Track Crossings.** Where a circulation path crosses
27 tracks, it shall comply with Section 402 and shall have a 24

1 inch (610 mm) deep detectable warning complying with Section 705
2 along the full width of the circulation path. The detectable
3 warning surface shall be located so that the edge nearest the
4 rail crossing is 6 inches (150 mm) minimum and 8 inches (205 mm)
5 maximum from the vehicle dynamic envelope.

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

8 1341.1002 All7.1 SECTION 1002.15, BEDS.

9 All7.1 Section 1002 is amended by adding a section to read
10 as follows:

11 **1002.15 Beds.** A clear floor space complying with Section 305
12 shall be provided on both sides of an accessible bed. The clear
13 floor space shall be positioned for parallel approach to the
14 side of the bed.

15 **Exception:** A single clear floor space shall be
16 permitted between two beds.

17 1341.1003 All7.1 SECTION 1003, TYPE A UNITS.

18 Subpart 1. All7.1 Section 1003.5, Doors and doorways.

19 All7.1 Section 1003.5 is amended to read as follows:

20 **1003.5 Doors and doorways.** The primary entrance door to the
21 unit, and all other doorways intended for user passage, shall
22 comply with Section 404.

23 **Exceptions:**

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

1 than 1:2.

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

7 Subp. 2. All7.1 Section 1003.9, Operable parts. All7.1

8 Section 1003.9 is amended to read as follows:

9 **1003.9 Operable Parts.** Operable parts of appliances, fixtures,
10 equipment, and other devices shall comply with Section 309.

11 **Exceptions:**

12 1. Receptacle outlets serving a dedicated use.

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

16 (a) the receptacle outlet is above a length of
17 countertop that is uninterrupted by a sink or
18 appliance;

19 (b) at least one receptacle outlet complying with
20 Section 1003.9 is provided for that length of
21 countertop; and

22 (c) all other receptacle outlets provided for that
23 length of countertop comply with Section 1003.9.

24 3. Floor receptacle outlets.

25 4. HVAC diffusers.

26 5. Controls mounted on ceiling fans.

27 6. Where redundant controls other than light switches

1 are provided for a single element, one control in each
2 space shall not be required to be accessible.

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

5 Subp. 3. All7.1 Section 1003.11.7.3, Overlap. All7.1
6 Section 1003.11.7.3 is amended to read as follows:

7 1003.11.7.3 Overlap. The required clearance around the water
8 closet shall be permitted to overlap the water closet,
9 associated grab bars, paper dispensers, coat hooks, shelves,
10 accessible routes, clear floor space required at other fixtures,
11 and the wheelchair turning space. No other fixtures or
12 obstructions shall be located within the required water closet
13 clearance.

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

20 1341.1004 All7.1 SECTION 1004, TYPE B UNITS.

21 Subpart 1. All7.1 Section 1004.4.2, Changes in level.

22 All7.1 Section 1004.4.2 is amended to read as follows:

23 1004.4.2 Changes in Level. Changes in level shall comply with
24 Section 303.

25 **Exception:** Where exterior deck, patio, or balcony
26 surface materials are impervious, the finished
27 exterior impervious surface shall be 2 inches (50 mm)

1 maximum below the floor level of the adjacent interior
2 spaces of the unit.

3 Subp. 2. All7.1 Section 1004.9, Operable parts. All7.1

4 Section 1004.9 is amended to read as follows:

5 **1004.9 Operable Parts.** Lighting controls, electrical switches
6 and receptacle outlets, environmental controls, electrical
7 panelboards, and user controls for security or intercom systems
8 shall comply with Sections 309.2 and 309.3.

9 **Exceptions:**

10 1. Receptacle outlets serving a dedicated use.

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

14 (a) the receptacle outlet is above a length of
15 countertop that is uninterrupted by a sink or
16 appliance;

17 (b) at least one receptacle outlet complying with
18 Section 1004.9 is provided for that length of
19 countertop; and

20 (c) all other receptacle outlets provided for that
21 length of countertop comply with Section 1004.9.

22 3. Floor receptacle outlets.

23 4. HVAC diffusers.

24 5. Controls mounted on ceiling fans.

25 6. Controls or switches mounted on appliances.

26 7. Plumbing fixture controls.

27 Subp. 3. All7.1 Section 1004.11, Toilet and Bathing

1 **Facilities.**

2 A. All7.1 Section 1004.11.3.1.1, Lavatory, is amended
3 to read as follows:

4 **1004.11.3.1.1 Lavatory.** A clear floor space complying with
5 Section 305.3, positioned for a parallel approach, shall be
6 provided. The clear floor space shall be centered on the
7 lavatory.

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

15 B. All7.1 Section 1004.11.3.1.2, Water closet, is
16 amended to read as follows:

17 **1004.11.3.1.2 Water Closet.** The lateral distance from the
18 centerline of the water closet shall comply with all of the
19 following applicable criteria:

20 (a) where a side approach is provided to the water closet,
21 the lateral distance from the centerline of the water closet to
22 an object shall be 18 inches (455 mm) minimum on the side
23 opposite the direction of approach and 15 inches (380 mm)
24 minimum on the approach side;

25 (b) where a forward approach is provided to the water
26 closet, the lateral distance from the centerline of the water
27 closet to an object shall be 15 inches (380 mm) minimum to one

1 side and 18 inches (455 mm) minimum on the other side; or

2 (c) where either a forward approach or side approach is
3 provided to the water closet and there is an object greater than
4 24 inches (610 mm) in length to one side of the water closet,
5 the lateral distance from the centerline of the water closet to
6 the object shall be 18 inches (455 mm) minimum.

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

11 C. All7.1 Section 1004.11.3.1.2.1, Parallel approach,
12 is amended to read as follows:

13 **1004.11.3.1.2.1 Side Approach.** Where a side approach is
14 provided, a clearance 56 inches (1420 mm) minimum measured from
15 the wall behind the water closet, and 48 inches (1220 mm)
16 minimum measured from a point 18 inches (455 mm) from the
17 centerline of the water closet on the side opposite the
18 direction of approach shall be provided. An obstruction
19 complying with Section 1004.11.3.1.2.3 shall be permitted to
20 overlap the clearance.

21 D. All7.1 Section 1004.11.3.1.2.2, Forward approach,
22 is amended to read as follows:

23 **1004.11.3.1.2.2 Forward Approach.** Where a forward approach is
24 provided, a clearance 66 inches (1675 mm) minimum measured from
25 the wall behind the water closet, and 48 inches (1220 mm)
26 minimum measured from a point 18 inches (455 mm) from the
27 centerline of the water closet on the side designated for future

1 installation of grab bars shall be provided. An obstruction
2 complying with Section 1004.11.3.1.2.3 shall be permitted to
3 overlap the clearance.

4 E. All7.1 Section 1004.11.3.1.2.3, Parallel or
5 forward approach, is amended to read as follows:

6 **1004.11.3.1.2.3 Obstruction.** Where provided in Section
7 1004.11.3.1.2.1 or Section 1004.11.3.1.2.2, an obstruction
8 projecting 24 inches (610 mm) maximum from the wall behind the
9 water closet shall be permitted to overlap the clearance
10 provided it does not reduce the width of the clearance to less
11 than 33 inches (838 mm). Countertops shall be permitted to
12 protrude 1 inch (25 mm) maximum beyond the obstruction.

13 F. All7.1 Section 1004.11.3.1.3.1, Parallel approach
14 bathtubs, is amended to read as follows:

15 **1004.11.3.1.3.1 Parallel Approach Bathtubs.** A clearance 60
16 inches (1525 mm) minimum in length and 30 inches (760 mm)
17 minimum in width shall be provided in front of bathtubs with a
18 parallel approach. Lavatories complying with Section 606 shall
19 be permitted at the control end of the clearance. A lavatory
20 complying with Section 1004.11.3.1.1 or a water closet shall be
21 permitted at either end of the bathtub if a clearance 48 inches
22 (1220 mm) minimum in length and 30 inches (760 mm) minimum in
23 width for a parallel approach is provided in front of the
24 bathtub.

25 G. All7.1 Section 1004.11.3.1.3.2, Forward approach
26 bathtubs, is amended to read as follows:

27 **1004.11.3.1.3.2 Perpendicular Approach Bathtubs.** A clearance 60

1 inches (1525 mm) minimum in length and 48 inches (1220 mm)
2 minimum in width shall be provided in front of bathtubs with a
3 perpendicular approach. A lavatory or water closet shall be
4 permitted in the clearance at either end of the bathtub.

5 H. All7.1 Section 1004.11.3.2.1.1, Clear floor space,
6 is amended to read as follows:

7 1004.11.3.2.1.1 Clear floor space. A clear floor space
8 complying with Section 305.3, positioned for a parallel
9 approach, shall be provided.

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

17 1341.1005 All7.1 SECTION 1005.6.1, PUBLIC OR COMMON-USE
18 INTERFACE.

19 All7.1 Section 1005.6.1 is amended to read as follows:
20 1005.6.1 Public or Common-Use Interface. The public or
21 common-use system interface shall include the capability of
22 supporting voice and TTY communication with the unit interface.
23 When requested to be provided by a unit occupant, the cost of
24 providing the public or common-use component of the voice and
25 TTY interface shall not be borne by the unit occupant.

26 1341.1100 All7.1 CHAPTER 11, SWIMMING POOLS, WADING POOLS, SPAS,

1 SAUNAS, AND STEAM ROOMS.

2 All 17.1 is amended by adding a chapter to read as follows:

3 CHAPTER 11

4 SWIMMING POOLS, WADING POOLS, SPAS,

5 SAUNAS, AND STEAM ROOMS

6 1101

7 GENERAL

8 1101.1 Scoping. Swimming pools, wading pools, spas, saunas, and
9 steam rooms required to be accessible shall comply with the
10 applicable provisions of this chapter.

11 1102

12 POOL LIFTS

13 1102.1 General. Pool lifts shall comply with Section 1102.

14 1102.2 Pool Lift Location. Pool lifts shall be located where
15 the water level does not exceed 48 inches (1220 mm).

16 Exceptions:

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

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

24 1102.3 Seat Location. In the raised position, the centerline of
25 the seat shall be located over the deck and 16 inches (405 mm)
26 minimum from the edge of the pool. The deck surface between the
27 centerline of the seat and the pool edge shall have a slope not

1 greater than 1:48.

2 **1102.4 Clear Deck Space.** On the side of the seat opposite the
3 water, a clear deck space shall be provided parallel with the
4 seat. The space shall be 36 inches (915 mm) wide minimum and
5 shall extend forward 48 inches (1220 mm) minimum from a line
6 located 12 inches (305 mm) behind the rear edge of the seat.
7 The clear deck space shall have a slope not greater than 1:48.

8 **1102.5 Seat Height.** The height of the lift seat shall be 16
9 inches (405 mm) minimum and 19 inches (485 mm) maximum measured
10 from the deck to the top of the seat surface when in the raised
11 (load) position.

12 **1102.6 Seat.** The seat shall be 16 inches (405 mm) minimum wide,
13 provide a back rest, and be of a firm and stable design.

14 **1102.7 Footrests and Armrests.** Footrests shall be provided and
15 shall move with the seat. If provided, the armrest positioned
16 opposite the water shall be removable or shall fold clear of the
17 seat when the seat is in the raised (load) position.

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

20 **1102.8 Operation.** The lift shall be capable of unassisted
21 operation from both the deck and water levels. Controls and
22 operating mechanisms shall be unobstructed when the lift is in
23 use and shall comply with Section 309.4.

24 **1102.9 Submerged Depth.** The lift shall be designed so that the
25 seat will submerge to a water depth of 18 inches (455 mm)
26 minimum below the stationary water level.

27 **1102.10 Lifting Capacity.** Single person pool lifts shall have a

1 weight capacity of 300 pounds (136 kg) minimum and be capable of
2 sustaining a static load of at least 1-1/2 times the rated load.

3 **1103**

4 **SLOPED ENTRIES**

5 **1103.1 General.** Sloped entries shall comply with Section 1103.

6 **1103.2 Sloped entries.** Sloped entries shall comply with Section
7 402, except as modified in Sections 1103.2 through 1103.4.

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

10 **1103.3 Submerged depth.** Sloped entries shall extend to a depth
11 of 24 inches (610 mm) minimum and 30 inches (760 mm) maximum
12 below the stationary water level. Where landings are required
13 by Section 405.7, at least one landing shall be located 24
14 inches (610 mm) minimum and 30 inches (760 mm) maximum below the
15 stationary water level.

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

19 **1103.4 Handrails.** At least two handrails complying with Section
20 505 shall be provided on the sloped entry. The clear width
21 between handrails shall be 33 inches (840 mm) minimum and 38
22 inches (965 mm) maximum.

23 **Exceptions:**

24 1. Handrail extensions specified by Section 505.10.1
25 shall not be required at the bottom landing serving a
26 sloped entry.

27 2. Where a sloped entry is provided for wave action

1 pools, leisure rivers, sand bottom pools, and other
2 pools where user access is limited to one area, the
3 handrails shall not be required to comply with the
4 clear width requirements of Section 1103.4.

5 3. Sloped entries in wading pools shall not be
6 required to provide handrails complying with Section
7 1103.4. If provided, handrails on sloped entries in
8 wading pools shall not be required to comply with
9 Section 505.

10 1104

11 TRANSFER WALLS

12 1104.1 General. Transfer walls shall comply with Section 1104.

13 1104.2 Clear Deck Space. A clear deck space of 60 inches (1525
14 mm) minimum by 60 inches (1525 mm) minimum with a slope not
15 steeper than 1:48 shall be provided at the base of the transfer
16 wall. Where one grab bar is provided, the clear deck space
17 shall be centered on the grab bar. Where two grab bars are
18 provided, the clear deck space shall be centered on the
19 clearance between the grab bars.

20 1104.3 Height. The height of the transfer wall shall be 16
21 inches (405 mm) minimum and 19 inches (485 mm) maximum measured
22 from the deck.

23 1104.4 Wall Depth and Length. The depth of the transfer wall
24 shall be 12 inches (305 mm) minimum and 16 inches (405 mm)
25 maximum. The length of the transfer wall shall be 60 inches
26 (1525 mm) minimum and shall be centered on the clear deck space.

27 1104.5 Surface. Surfaces of transfer walls shall not be sharp

1 and shall have rounded edges.

2 **1104.6 Grab Bars.** At least one grab bar complying with Section
3 609 shall be provided on the transfer wall. Grab bars shall be
4 perpendicular to the pool wall and shall extend the full depth
5 of the transfer wall. The top of the gripping surface shall be
6 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above
7 transfer walls. Where one grab bar is provided, clearance shall
8 be 24 inches (610 mm) minimum on both sides of the grab bar.
9 Where two grab bars are provided, clearance between grab bars
10 shall be 24 inches (610 mm) minimum.

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

13 1105

14 TRANSFER SYSTEMS

15 **1105.1 General.** Transfer systems shall comply with Section 1105.

16 **1105.2 Transfer Platform.** A transfer platform shall be provided
17 at the head of each transfer system. Transfer platforms shall
18 provide 19 inches (485 mm) minimum clear depth and 24 inches
19 (610 mm) minimum clear width.

20 **1105.3 Transfer Space.** A transfer space of 60 inches (1525 mm)
21 minimum by 60 inches (1525 mm) minimum with a slope not steeper
22 than 1:48 shall be provided at the base of the transfer platform
23 surface and shall be centered along a 24 inch (610 mm) minimum
24 side of the transfer platform. The side of the transfer
25 platform serving the transfer space shall be unobstructed.

26 **1105.4 Height.** The height of the transfer platform shall comply
27 with Section 1104.3.

1 1105.5 **Transfer Steps.** Transfer step height shall be 8 inches
2 (205 mm) maximum. The surface of the bottom tread shall extend
3 to a water depth of 18 inches (455 mm) minimum below the
4 stationary water level.

5 1105.6 **Surface.** The surface of the transfer system shall not be
6 sharp and shall have rounded edges.

7 1105.7 **Size.** Each transfer step shall have a tread clear depth
8 of 14 inches (355 mm) minimum and 17 inches (430 mm) maximum and
9 shall have a tread clear width of 24 inches (610 mm) minimum.

10 1105.8 **Grab Bars.** At least one grab bar on each transfer step
11 and the transfer platform or a continuous grab bar serving each
12 transfer step and the transfer platform shall be provided.

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

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

24 **1106**

25 **POOL STAIRS**

26 1106.1 **General.** Pool stairs shall comply with Section 1106.

27 1106.2 **Pool Stairs.** Pool stairs shall comply with Sections

1 504.2 through 504.6.

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

6 **1106.3 Handrails.** The width between handrails shall be 20
7 inches (510 mm) minimum and 24 inches (610 mm) maximum.

8 Handrail extensions required by Section 505.10.3 shall not be
9 required on pool stairs.

10 **1107**

11 **SAUNAS AND STEAM ROOMS**

12 **1107.1 General.** Saunas and steam rooms shall comply with
13 Section 1107.

14 **1107.2 Bench.** Where seating is provided in saunas and steam
15 rooms, at least one bench shall comply with Section 903. Doors
16 shall not swing into the clear floor space required by Section
17 903.2.

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

22 **1107.3 Turning Space.** A turning space complying with Section
23 304 shall be provided within saunas and steam rooms.

24 **REPEALER.** Minnesota Rules, parts 1341.0050; 1341.0100;
25 1341.0200; 1341.0310; 1341.0320; 1341.0350; 1341.0401;
26 1341.0405; 1341.0411; 1341.0413; 1341.0420; 1341.0422;
27 1341.0424; 1341.0426; 1341.0428; 1341.0430; 1341.0432;

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1 1341.0434; 1341.0436; 1341.0438; 1341.0442; 1341.0444;
2 1341.0446; 1341.0448; 1341.0450; 1341.0452; 1341.0454;
3 1341.0456; 1341.0458; 1341.0460; 1341.0462; 1341.0464;
4 1341.0466; 1341.0468; 1341.0470; 1341.0472; 1341.0474;
5 1341.0476; 1341.0478; 1341.0480; 1341.0482; 1341.0484;
6 1341.0486; 1341.0488; 1341.0510; 1341.0520; 1341.0530;
7 1341.0540; 1341.0550; 1341.0560; 1341.0570; 1341.0580;
8 1341.0620; 1341.0630; 1341.0640; 1341.0710; 1341.0720;
9 1341.0730; 1341.0740; 1341.0810; 1341.0820; 1341.0830;
10 1341.0840; 1341.0850; 1341.0910; 1341.0920; 1341.0930;
11 1341.0940; 1341.0950; 1341.1010; 1341.1020; 1341.1030;
12 1341.1040; 1341.1110; 1341.1120; 1341.1130; 1341.1210;
13 1341.1220; 1341.1230; 1341.1240; 1341.1250; 1341.1260;
14 1341.1610; 1341.1620; 1341.1630; and 1341.1640, are repealed.
15 EFFECTIVE DATE. These amendments are effective May 31, 2007,
16 or five working days after publication of the notice of
17 adoption, whichever is later.