

CHAPTER DIVISION 2: SCOPING REQUIREMENTS

11B-234 Amusement Rides

11B-234.1 General. Amusement rides shall comply with 11B-234.

EXCEPTION: Mobile or portable amusement rides shall not be required to comply with 11B-234.

11B-234.2 Load and Unload Areas. Load and unload areas serving amusement rides shall comply with 11B-1002.3.

11B-234.3 Minimum Number. Amusement rides shall provide at least one wheelchair space complying with 11B-1002.4, or at least one amusement ride seat designed for transfer complying with 11B-1002.5, or at least one transfer device complying with 11B-1002.6.

EXCEPTIONS: 1. Amusement rides that are controlled or operated by the rider shall not be required to comply with 11B-234.3.

2. Amusement rides designed primarily for children, where children are assisted on and off the ride by an adult, shall not be required to comply with 11B-234.3.

3. Amusement rides that do not provide amusement ride seats shall not be required to comply with 11B-234.3.

11B-234.4 Existing Amusement Rides. Where existing amusement rides are altered, the alteration shall comply with 11B-234.4.

11B-234.4.1 Load and Unload Areas. Where load and unload areas serving existing amusement rides are newly designed and constructed, the load and unload areas shall comply with 11B-1002.3.

11B-234.4.2 Minimum Number. Where the structural or operational characteristics of an amusement ride are altered to the extent that the amusement ride's performance differs from that specified by the manufacturer or the original design, the amusement ride shall comply with 11B-234.3.

11B-235 Recreational Boating Facilities

11B-235.1 General. Recreational boating facilities shall comply with 11B-235.

11B-235.2 Boat Slips. Boat slips complying with 11B-1003.3.1 shall be provided in accordance with Table 11B-235.2. Where the number of boat slips is not identified, each 40 feet (12 m) of boat slip edge provided along the perimeter of the pier shall be counted as one boat slip for the purpose of this section.

Table 11B-235.2 Boat Slips

Total Number of Boat Slips Provided in Facility	Minimum Number of Required Accessible Boat Slips
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1 to 25	1
26 to 50	2
51 to 100	3
101 to 150	4
151 to 300	5
301 to 400	6
401 to 500	7
501 to 600	8
601 to 700	9
701 to 800	10
801 to 900	11
901 to 1000	12
1001 and over	12, plus 1 for every 100, or fraction thereof, over 1000

11B-235.2.1 Dispersion. Boat slips complying with 11B-1003.3.1 shall be dispersed throughout the various types of boat slips provided. Where the minimum number of boat slips required to comply with 11B-1003.3.1 has been met, no further dispersion shall be required.

11B-235.3 Boarding Piers at Boat Launch Ramps. Where boarding piers are provided at boat launch ramps, at least 5 percent, but no fewer than one, of the boarding piers shall comply with 11B-1003.3.2.

11B-236 Exercise Machines and Equipment

11B-236.1 General. At least one of each type of exercise machine and equipment shall comply with 11B-1004.

11B-237 Fishing Piers and Platforms

11B-237.1 General. Fishing piers and platforms shall comply with 11B-1005.

11B-238 Golf Facilities

11B-238.1 General. Golf facilities shall comply with 11B-238.

11B-238.2 Golf Courses. Golf courses shall comply with 11B-238.2.

11B-238.2.1 Teeing Grounds. Where one teeing ground is provided for a hole, the teeing ground shall be designed and constructed so that a golf car can enter and exit the teeing ground. Where two teeing grounds are provided for a hole, the forward teeing ground shall be designed and constructed so that a golf car can enter and exit the teeing ground. Where three or more teeing grounds are provided for a hole, at least two teeing grounds, including the forward teeing ground, shall be designed and constructed so that a golf car can enter and exit each teeing ground.

EXCEPTION: In existing golf courses, the forward teeing ground shall not be required to be one of the teeing grounds on a hole designed and constructed so that a golf car can enter and exit the teeing ground where compliance is not feasible due to terrain.

11B-238.2.2 Putting Greens. Putting greens shall be designed and constructed so that a golf car can enter and exit the putting green.

11B-238.2.3 Weather Shelters. Where provided, weather shelters shall be designed and constructed so that a golf car can enter and exit the weather shelter and shall comply with 11B-1006.4.

11B-238.3 Practice Putting Greens, Practice Teeing Grounds, and Teeing Stations at Driving Ranges. At least 5 percent, but no fewer than one, of practice putting greens, practice teeing grounds, and teeing stations at driving ranges shall be designed and constructed so that a golf car can enter and exit the practice putting greens, practice teeing grounds, and teeing stations at driving ranges.

11B-239 Miniature Golf Facilities

11B-239.1 General. Miniature golf facilities shall comply with 11B-239.

11B-239.2 Minimum Number. At least 50 percent of holes on miniature golf courses shall comply with 11B-1007.3.

11B-239.3 Miniature Golf Course Configuration. Miniature golf courses shall be configured so that the holes complying with 11B-1007.3 are consecutive. Miniature golf courses shall provide an accessible route from the last hole complying with 11B-1007.3 to the course entrance or exit without requiring travel through any other holes on the course.

EXCEPTION: One break in the sequence of consecutive holes shall be permitted provided that the last hole on the miniature golf course is the last hole in the sequence.

11B-240 Play Areas

11B-240.1 General. Play areas for children ages 2 and over shall comply with 11B-240. Where separate play areas are provided within a site for specific age groups, each play area shall comply with 11B-240.

- EXCEPTIONS:**
- 1.** Play areas located in family child care facilities where the proprietor actually resides shall not be required to comply with 11B-240.
 - 2.** In existing play areas, where play components are relocated for the purposes of creating safe use zones and the ground surface is not altered or extended for more than one use zone, the play area shall not be required to comply with 11B-240.
 - 3.** Amusement attractions shall not be required to comply with 11B-240.
 - 4.** Where play components are altered and the ground surface is not altered, the ground surface shall not be required to comply with 11B-1008.2.6 unless required by 11B-202.4.

11B-240.1.1 Additions. Where play areas are designed and constructed in phases, the requirements of 11B-240 shall apply to each successive addition so that when the addition is completed, the entire play area complies with all the applicable requirements of 11B-240.

11B-240.2 Play Components. Where provided, play components shall comply with 11B-240.2.

11B-240.2.1 Ground Level Play Components. Ground level play components shall be provided in the number and types required by 11B-240.2.1. Ground level play components that are provided to comply with 11B-240.2.1.1 shall be permitted to satisfy the additional number required by 11B-240.2.1.2 if the minimum required types of play components are satisfied. Where two or more required ground level play components are provided, they shall be dispersed throughout the play area and integrated with other play components.

11B-240.2.1.1 Minimum Number and Types. Where ground level play components are provided, at least one of each type shall be on an accessible route and shall comply with 11B-1008.4.

11B-240.2.1.2 Additional Number and Types. Where elevated play components are provided, ground level play components shall be provided in accordance with Table 11B-240.2.1.2 and shall comply with 11B-1008.4.

EXCEPTION: If at least 50 percent of the elevated play components are connected by a ramp and at least 3 of the elevated play components connected by the ramp are different types of play components, the play area shall not be required to comply with 11B-240.2.1.2.

Table 11B-240.2.1.2 Number and Types of Ground Level Play Components Required to be on Accessible Routes

Number of Elevated Play Components Provided	Minimum Number of Ground Level Play Components Required to be on an Accessible Route	Minimum Number of Different Types of Ground Level Play Components Required to be on an Accessible Route
1	Not applicable	Not applicable
2 to 4	1	1
5 to 7	2	2
8 to 10	3	3
11 to 13	4	3
14 to 16	5	3
17 to 19	6	3
20 to 22	7	4
23 to 25	8	4
26 and over	8, plus 1 for each additional 3, or fraction thereof, over 25	5

11B-240.2.2 Elevated Play Components. Where elevated play components are provided, at least 50 percent shall be on an accessible route and shall comply with 11B-1008.4.

11B-241 Saunas and Steam Rooms

11B-241 General. Where provided, saunas and steam rooms shall comply with 612.

EXCEPTION: Where saunas or steam rooms are clustered at a single location, no more than 5 percent of the saunas and steam rooms, but no fewer than one, of each type in each cluster shall be required to comply with 612.

11B-242 Swimming Pools, Wading Pools, and Spas

11B-242.1 General. Swimming pools, wading pools, and spas shall comply with 11B-242.

11B-242.2 Swimming Pools. At least two accessible means of entry shall be provided for swimming pools. Accessible means of entry shall be swimming pool lifts complying with 11B-1009.2; sloped entries complying with 11B-1009.3; transfer walls complying with 11B-1009.4; transfer systems complying with 11B-1009.5; and pool stairs complying with 11B-1009.6. At least one accessible means of entry provided shall comply with 11B-1009.2 or 11B-1009.3.

EXCEPTIONS: 1. Where a swimming pool has less than 300 linear feet (91 m) of swimming pool wall, no more than one accessible means of entry shall be required provided that the accessible means of entry is a swimming pool lift complying with 11B-1009.2 or sloped entry complying with 11B-1009.3.

2. Wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area shall not be required to provide more than one accessible means of entry provided that the accessible means of entry is a swimming pool lift complying with 11B-1009.2, a sloped entry complying with 11B-1009.3, or a transfer system complying with 11B-1009.5.

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

11B-242.3 Wading Pools. At least one accessible means of entry shall be provided for wading pools. Accessible means of entry shall comply with sloped entries complying with 11B-1009.3.

11B-242.4 Spas. At least one accessible means of entry shall be provided for spas. Accessible means of entry shall comply with swimming pool lifts complying with 11B-1009.2; transfer walls complying with 11B-1009.4; or transfer systems complying with 11B-1009.5.

EXCEPTION: Where spas are provided in a cluster, no more than 5 percent, but no fewer than one, spa in each cluster shall be required to comply with 11B-242.4.

11B-243 Shooting Facilities with Firing Positions

11B-243.1 General. Where shooting facilities with firing positions are designed and constructed at a site, at least 5 percent, but no fewer than one, of each type of firing position shall comply with 1010.

CHAPTER DIVISION 10: RECREATION FACILITIES

11B-1001 General

11B-1001.1 Scope. The provisions of Chapter Division 10 shall apply where required by Chapter Division 2 or where referenced by a requirement in this document chapter.

11B-1002 Amusement Rides

11B-11B-1002.1 General. Amusement rides shall comply with 11B-1002.

11B-1002.2 Accessible Routes. Accessible routes serving amusement rides shall comply with Chapter Division 4.

EXCEPTIONS: 1. In load or unload areas and on amusement rides, where compliance with 11B-405.2 is not structurally or operationally feasible, ramp slope shall be permitted to be 1:8 maximum.

2. In load or unload areas and on amusement rides, handrails provided along walking surfaces complying with 11B-403 and required on ramps complying with 11B-405 shall not be required to comply with 11B-505 where compliance is not structurally or operationally feasible.

11B-1002.3 Load and Unload Areas. A turning space complying with 11B-304.2 and 11B-304.3 shall be provided in load and unload areas.

11B-1002.4 Wheelchair Spaces in Amusement Rides. Wheelchair spaces in amusement rides shall comply with 11B-1002.4.

11B-1002.4.1 Floor or Ground Surface. The floor or ground surface of wheelchair spaces shall be stable and firm.

11B-1002.4.2 Slope. The floor or ground surface of wheelchair spaces shall have a slope not steeper than 1:48 when in the load and unload position.

11B-1002.4.3 Gaps. Floors of amusement rides with wheelchair spaces and floors of load and unload areas shall be coordinated so that, when amusement rides are at rest in the load and unload position, the vertical difference between the floors shall be within plus or minus 5/8 inches (16 mm) and the horizontal gap shall be 3 inches (75 mm) maximum under normal passenger load conditions.

EXCEPTION: Where compliance is not operationally or structurally feasible, ramps, bridge plates, or similar devices complying with the applicable requirements of 36 CFR 1192.83(c) shall be provided.

11B-1002.4.4 Clearances. Clearances for wheelchair spaces shall comply with 11B-1002.4.4.

- EXCEPTIONS:** 1. Where provided, securement devices shall be permitted to overlap required clearances.
2. Wheelchair spaces shall be permitted to be mechanically or manually repositioned.
3. Wheelchair spaces shall not be required to comply with 11B-307.4.

11B-1002.4.4.1 Width and Length. Wheelchair spaces shall provide a clear width of 30 inches (760 mm) minimum and a clear length of 48 inches (1220 mm) minimum measured to 9 inches (230 mm) minimum above the floor surface.

11B-1002.4.4.2 Side Entry. Where wheelchair spaces are entered only from the side, amusement rides shall be designed to permit sufficient maneuvering clearance for individuals using a wheelchair or mobility aid to enter and exit the ride.

11B-1002.4.4.3 Permitted Protrusions in Wheelchair Spaces. Objects are permitted to protrude a distance of 6 inches (150 mm) maximum along the front of the wheelchair space, where located 9 inches (230 mm) minimum and 27 inches (685 mm) maximum above the floor or ground surface of the wheelchair space. Objects are permitted to protrude a distance of 25 inches (635 mm) maximum along the front of the wheelchair space, where located more than 27 inches (685 mm) above the floor or ground surface of the wheelchair space.

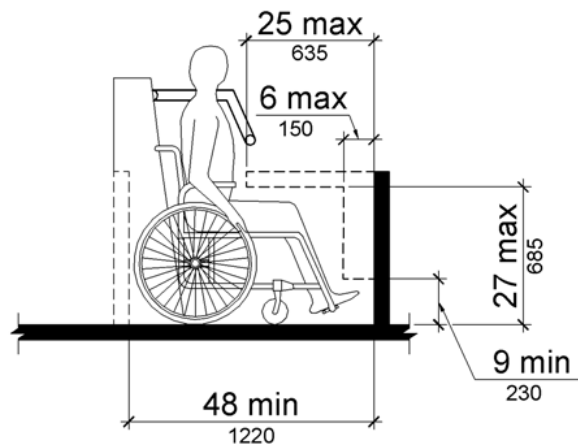


Figure 11B-1002.4.4.3
Protrusions in Wheelchair Spaces in Amusement Rides

11B-1002.4.5 Ride Entry. Openings providing entry to wheelchair spaces on amusement rides shall be 32 inches (815 mm) minimum clear.

11B-1002.4.6 Approach. One side of the wheelchair space shall adjoin an accessible route when in the load and unload position.

11B-1002.4.7 Companion Seats. Where the interior width of the amusement ride is greater than 53 inches (1345 mm), seating is provided for more than one rider, and the wheelchair is not required to be centered within the amusement ride, a companion seat shall be provided for each wheelchair space.

11B-1002.4.7.1 Shoulder-to-Shoulder Seating. Where an amusement ride provides shoulder-to-shoulder seating, companion seats shall be shoulder-to-shoulder with the adjacent wheelchair space.

EXCEPTION: Where shoulder-to-shoulder companion seating is not operationally or structurally feasible, compliance with this requirement shall be required to the maximum extent practicable.

11B-1002.5 Amusement Ride Seats Designed for Transfer. Amusement ride seats designed for transfer shall comply with 11B-1002.5 when positioned for loading and unloading.

11B-1002.5.1 Clear Floor or Ground Space. A clear floor or ground space complying with 11B-305 shall be provided in the load and unload area adjacent to the amusement ride seats designed for transfer.

11B-1002.5.2 Transfer Height. The height of amusement ride seats designed for transfer shall be 14 inches (355 mm) minimum and 24 inches (610 mm) maximum measured from the surface of the load and unload area.

11B-1002.5.3 Transfer Entry. Where openings are provided for transfer to amusement ride seats, the openings shall provide clearance for transfer from a wheelchair or mobility aid to the amusement ride seat.

11B-1002.5.4 Wheelchair Storage Space. Wheelchair storage spaces complying with 11B-305 shall be provided in or adjacent to unload areas for each required amusement ride seat designed for transfer and shall not overlap any required means of egress or accessible route.

11B-1002.6 Transfer Devices for Use with Amusement Rides. Transfer devices for use with amusement rides shall comply with 11B-1002.6 when positioned for loading and unloading.

11B-1002.6.1 Clear Floor or Ground Space. A clear floor or ground space complying with 11B-305 shall be provided in the load and unload area adjacent to the transfer device.

11B-1002.6.2 Transfer Height. The height of transfer device seats shall be 14 inches (355 mm) minimum and 24 inches (610 mm) maximum measured from the load and unload surface.

11B-1002.6.3 Wheelchair Storage Space. Wheelchair storage spaces complying with 11B-305 shall be provided in or adjacent to unload areas for each required transfer device and shall not overlap any required means of egress or accessible route.

11B-1003 Recreational Boating Facilities

11B-1003.1 General. Recreational boating facilities shall comply with 11B-1003.

11B-1003.2 Accessible Routes. Accessible routes serving recreational boating facilities, including gangways and floating piers, shall comply with ~~Chapter~~ Division 4 except as modified by the exceptions in 11B-1003.2.

11B-1003.2.1 Boat Slips. Accessible routes serving boat slips shall be permitted to use the exceptions in 11B-1003.2.1.

EXCEPTIONS: 1. Where an existing gangway or series of gangways is replaced or altered, an increase in the length of the gangway shall not be required to comply with 11B-1003.2 unless required by 11B-202.4.

2. Gangways shall not be required to comply with the maximum rise specified in 11B-405.6.

3. Where the total length of a gangway or series of gangways serving as part of a required accessible route is 80 feet (24 m) minimum, gangways shall not be required to comply with 11B-405.2.

4. Where facilities contain fewer than 25 boat slips and the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 11B-405.2.

5. Where gangways connect to transition plates, landings specified by 11B-405.7 shall not be required.

6. Where gangways and transition plates connect and are required to have handrails, handrail extensions shall not be required. Where handrail extensions are provided on gangways or transition plates, the handrail extensions shall not be required to be parallel with the ground or floor surface.

7. The cross slope specified in 11B-403.3 and 11B-405.3 for gangways, transition plates, and floating piers that are part of accessible routes shall be measured in the static position.

8. Changes in level complying with 11B-303.3 and 11B-303.4 shall be permitted on the surfaces of gangways and boat launch ramps.

11B-1003.2.2 Boarding Piers at Boat Launch Ramps. Accessible routes serving boarding piers at boat launch ramps shall be permitted to use the exceptions in 11B-1003.2.2.

EXCEPTIONS: 1. Accessible routes serving floating boarding piers shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 11B-1003.2.1.

2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 11B-405.2.

3. Where the accessible route serving a floating boarding pier or skid pier is located within a boat launch ramp, the portion of the accessible route located within the boat launch ramp shall not be required to comply with 11B-405.

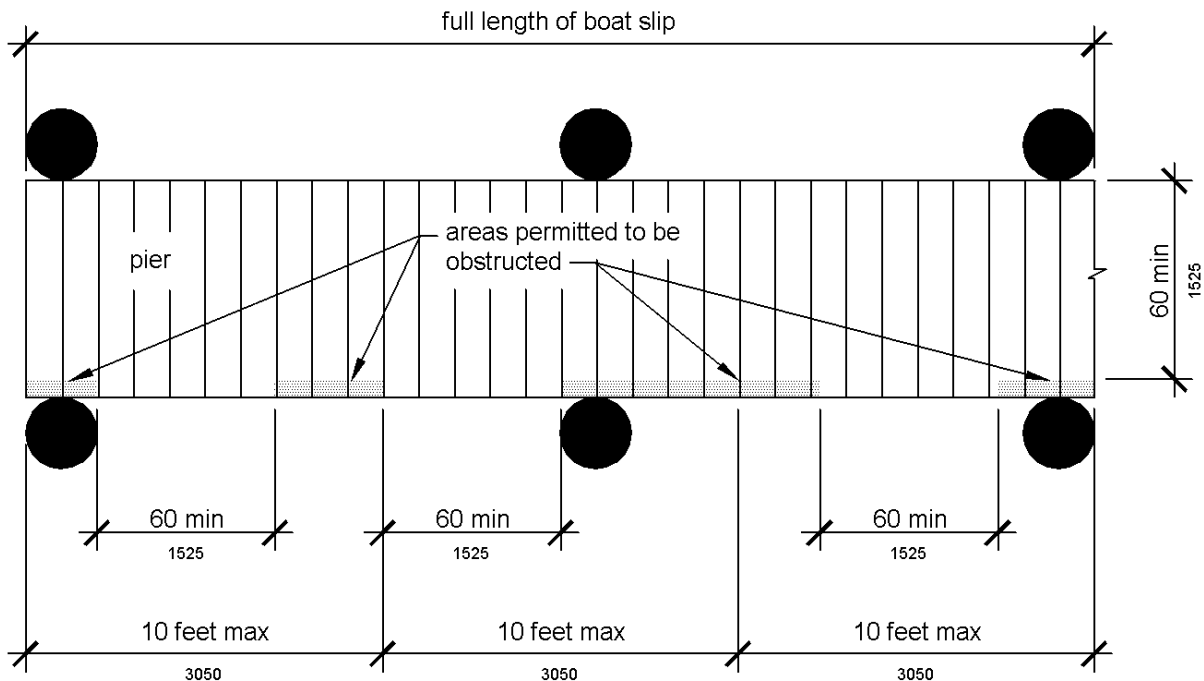
11B-1003.3 Clearances. Clearances at boat slips and on boarding piers at boat launch ramps shall comply with 11B-1003.3.

11B-1003.3.1 Boat Slip Clearance. Boat slips shall provide clear pier space 60 inches (1525 mm) wide minimum and at least as long as the boat slips. Each 10 feet (3050 mm) maximum of linear pier edge serving boat slips shall contain at least one continuous clear opening 60 inches (1525 mm) wide minimum.

EXCEPTIONS: 1. Clear pier space shall be permitted to be 36 inches (915 mm) wide minimum for a length of 24 inches (610 mm) maximum, provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.

2. Edge protection shall be permitted at the continuous clear openings, provided that it is 4 inches (100 mm) high maximum and 2 inches (51 mm) wide maximum.

3. In existing piers, clear pier space shall be permitted to be located perpendicular to the boat slip and shall extend the width of the boat slip, where the facility has at least one boat slip complying with 11B-1003.3, and further compliance with 11B-1003.3 would result in a reduction in the number of boat slips available or result in a reduction of the widths of existing slips.



**Figure 11B-1003.3.1
Boat Slip Clearance**

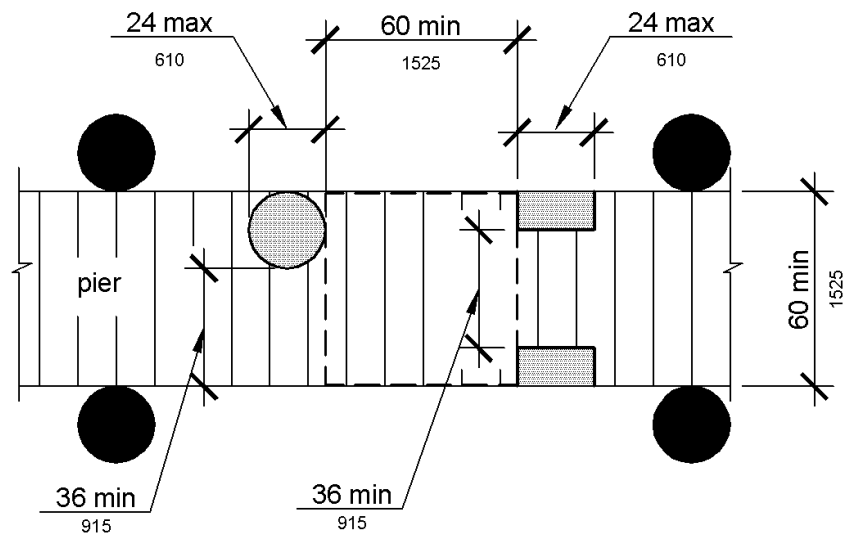


Figure 11B-1003.3.1 (Exception 1)
Clear Pier Space Reduction at Boat Slips

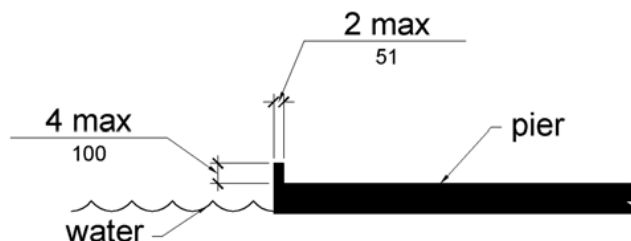
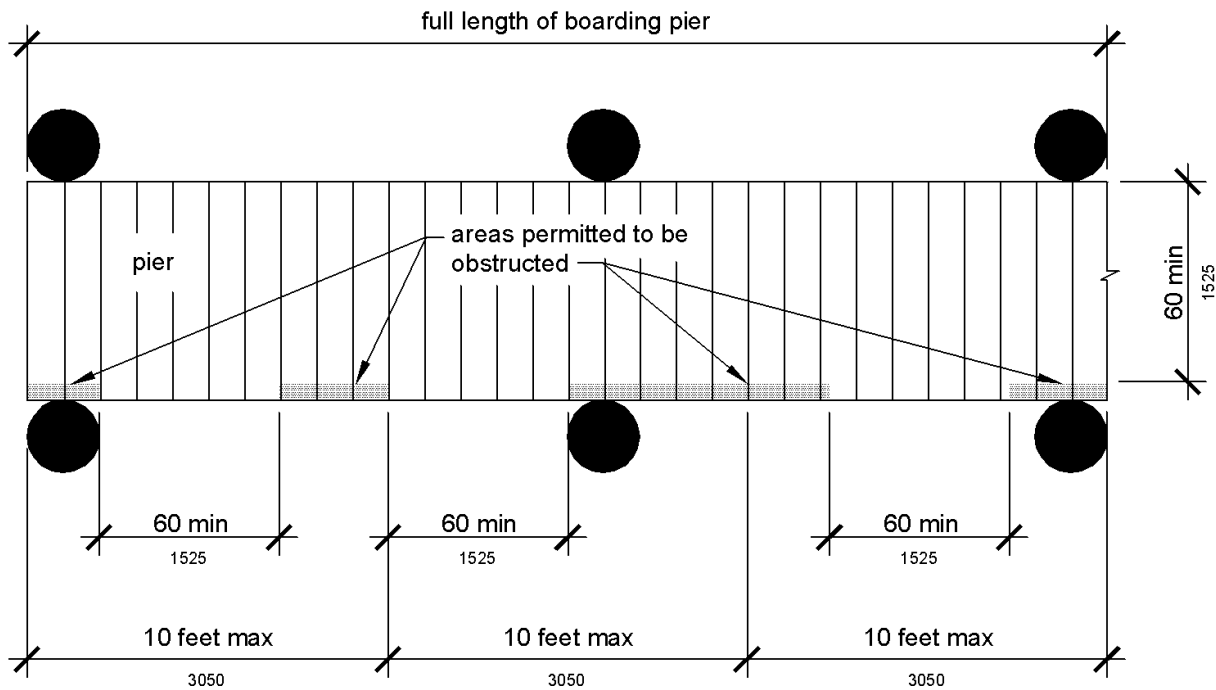


Figure 11B-1003.3.1 (Exception 2)
Edge Protection at Boat Slips

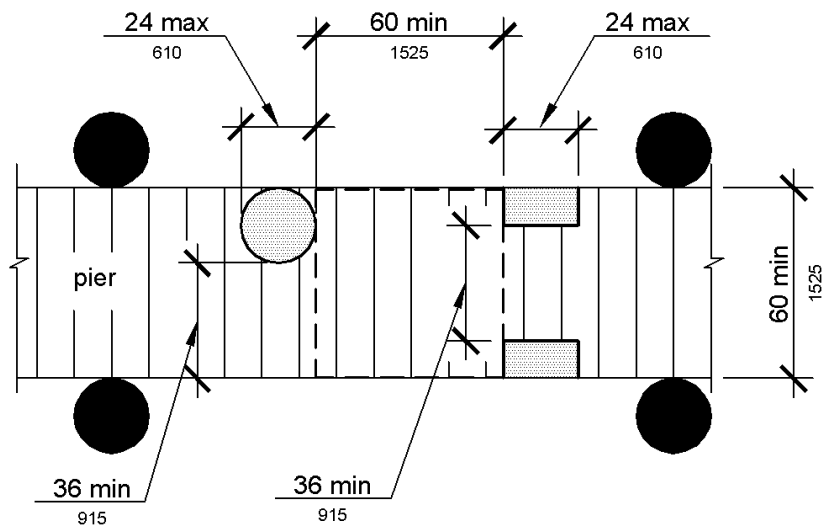
11B-1003.3.2 Boarding Pier Clearances. Boarding piers at boat launch ramps shall provide clear pier space 60 inches (1525 mm) wide minimum and shall extend the full length of the boarding pier. Every 10 feet (3050 mm) maximum of linear pier edge shall contain at least one continuous clear opening 60 inches (1525 mm) wide minimum.

EXCEPTIONS: 1. The clear pier space shall be permitted to be 36 inches (915 mm) wide minimum for a length of 24 inches (610 mm) maximum provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.

2. Edge protection shall be permitted at the continuous clear openings provided that it is 4 inches (100 mm) high maximum and 2 inches (51 mm) wide maximum.



**Figure 11B-1003.3.2
Boarding Pier Clearance**



**Figure 11B-1003.3.2 (Exception 1)
Clear Pier Space Reduction at Boarding Piers**

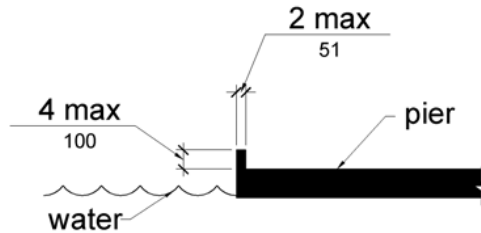


Figure 11B-1003.3.2 (Exception 2)
Edge Protection at Boarding Piers

11B-1004 Exercise Machines and Equipment

11B-1004.1 Clear Floor Space. Exercise machines and equipment shall have a clear floor space complying with 11B-305 positioned for transfer or for use by an individual seated in a wheelchair. Clear floor or ground spaces required at exercise machines and equipment shall be permitted to overlap.

11B-1005 Fishing Piers and Platforms

11B-1005.1 Accessible Routes. Accessible routes serving fishing piers and platforms, including gangways and floating piers, shall comply with Chapter Division 4.

- EXCEPTIONS:** 1. Accessible routes serving floating fishing piers and platforms shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 11B-1003.2.1.
2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 11B-405.2.

11B-1005.2 Railings. Where provided, railings, guards, or handrails shall comply with 11B-1005.2.

11B-1005.2.1 Height. At least 25 percent of the railings, guards, or handrails shall be 34 inches (865 mm) maximum above the ground or deck surface.

EXCEPTION: Where a guard complying with ~~sections 1003.2.12.1 and 1003.2.12.2 of the International Building Code (2000 edition) or sections 1012.2 and 1012.3 of the International Building Code (2003 edition) (incorporated by reference, see “Referenced Standards” in Chapter 1)~~ Chapter 10, Sections 1013.2 and 1013.3 is provided, the guard shall not be required to comply with 11B-1005.2.1.

11B-1005.2.1.1 Dispersion. Railings, guards, or handrails required to comply with 11B-1005.2.1 shall be dispersed throughout the fishing pier or platform.

11B-1005.3 Edge Protection. Where railings, guards, or handrails complying with 11B-1005.2 are provided, edge protection complying with 11B-1005.3.1 or 11B-1005.3.2 shall be provided.

11B-1005.3.1 Curb or Barrier. Curbs or barriers shall extend 2 inches (51 mm) minimum above the surface of the fishing pier or platform.

11B-1005.3.2 Extended Ground or Deck Surface. The ground or deck surface shall extend 12 inches (305 mm) minimum beyond the inside face of the railing. Toe clearance shall be provided and shall be 30 inches (760 mm) wide minimum and 9 inches (230 mm) minimum above the ground or deck surface beyond the railing.

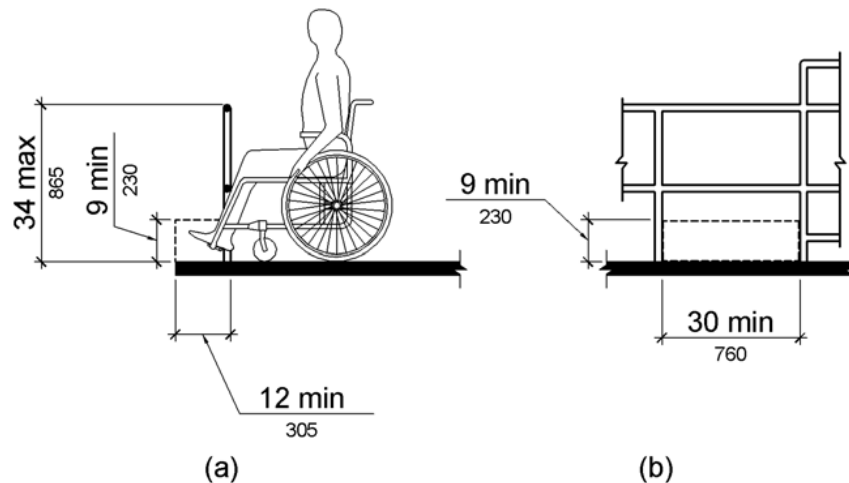


Figure 11B-1005.3.2
Extended Ground or Deck Surface at Fishing Piers and Platforms

11B-1005.4 Clear Floor or Ground Space. At each location where there are railings, guards, or handrails complying with 11B-1005.2.1, a clear floor or ground space complying with 11B-305 shall be provided. Where there are no railings, guards, or handrails, at least one clear floor or ground space complying with 11B-305 shall be provided on the fishing pier or platform.

11B-1005.5 Turning Space. At least one turning space complying with 11B-304.3 shall be provided on fishing piers and platforms.

11B-1006 Golf Facilities

11B-1006.1 General. Golf facilities shall comply with 11B-1006.

11B-1006.2 Accessible Routes. Accessible routes serving teeing grounds, practice teeing grounds, putting greens, practice putting greens, teeing stations at driving ranges, course weather shelters, golf car rental areas, bag drop areas, and course toilet rooms shall comply with ~~Chapter~~ Division 4 and shall be 48 inches (1220 mm) wide minimum. Where handrails are provided, accessible routes shall be 60 inches (1525 mm) wide minimum.

EXCEPTION: Handrails shall not be required on golf courses. Where handrails are provided on golf courses, the handrails shall not be required to comply with 11B-505.

11B-1006.3 Golf Car Passages. Golf car passages shall comply with 11B-1006.3.

11B-1006.3.1 Clear Width. The clear width of golf car passages shall be 48 inches (1220 mm) minimum.

11B-1006.3.2 Barriers. Where curbs or other constructed barriers prevent golf cars from entering a fairway, openings 60 inches (1525 mm) wide minimum shall be provided at intervals not to exceed 75 yards (69 m).

11B-1006.4 Weather Shelters. A clear floor or ground space 60 inches (1525 mm) minimum by 96 inches (2440 mm) minimum shall be provided within weather shelters.

11B-1007 Miniature Golf Facilities

11B-1007.1 General. Miniature golf facilities shall comply with 11B-1007.

11B-1007.2 Accessible Routes. Accessible routes serving holes on miniature golf courses shall comply with Chapter Division 4. Accessible routes located on playing surfaces of miniature golf holes shall be permitted to use the exceptions in 11B-1007.2.

- EXCEPTIONS:**
1. Playing surfaces shall not be required to comply with 11B-302.2.
 2. Where accessible routes intersect playing surfaces of holes, a 1 inch (25 mm) maximum curb shall be permitted for a width of 32 inches (815 mm) minimum.
 3. A slope not steeper than 1:4 for a 4 inch (100 mm) maximum rise shall be permitted.
 4. Ramp landing slopes specified by 11B-405.7.1 shall be permitted to be 1:20 maximum.
 5. Ramp landing length specified by 11B-405.7.3 shall be permitted to be 48 inches (1220 mm) long minimum.
 6. Ramp landing size specified by 11B-405.7.4 shall be permitted to be 48 inches (1220 mm) minimum by 60 inches (1525 mm) minimum.
 7. Handrails shall not be required on holes. Where handrails are provided on holes, the handrails shall not be required to comply with 11B-505.

11B-1007.3 Miniature Golf Holes. Miniature golf holes shall comply with 11B-1007.3.

11B-1007.3.1 Start of Play. A clear floor or ground space 48 inches (1220 mm) minimum by 60 inches (1525 mm) minimum with slopes not steeper than 1:48 shall be provided at the start of play.

11B-1007.3.2 Golf Club Reach Range Area. All areas within holes where golf balls rest shall be within 36 inches (915 mm) maximum of a clear floor or ground space 36 inches (915 mm) wide minimum and 48 inches (1220 mm) long minimum having a running slope not steeper than 1:20. The clear floor or ground space shall be served by an accessible route.

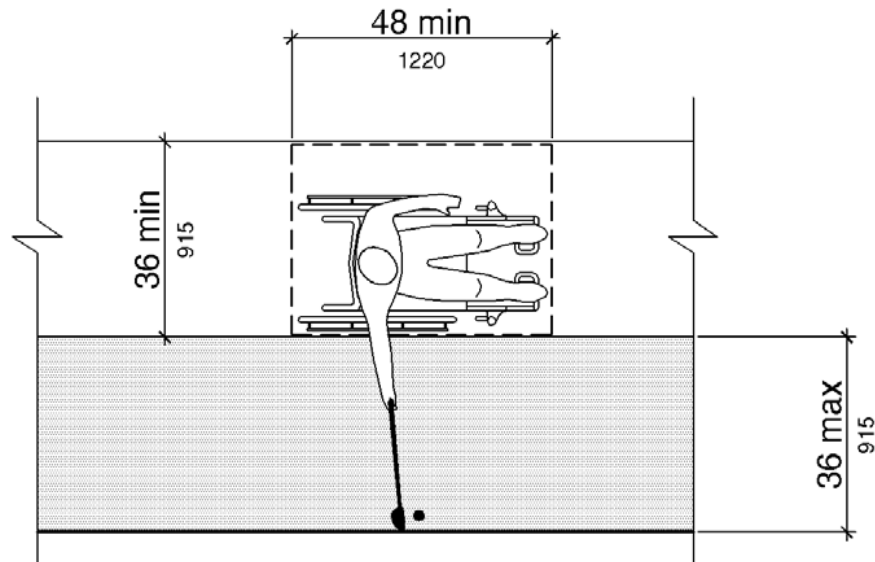


Figure 11B-1007.3.2
Golf Club Reach Range Area

11B-1008 Play Areas

11B-1008.1 General. Play areas shall comply with 11B-1008.

11B-1008.2 Accessible Routes. Accessible routes serving play areas shall comply with Chapter *Division* 4 and 11B-1008.2 and shall be permitted to use the exceptions in 11B-1008.2.1 through 11B-1008.2.3. Where accessible routes serve ground level play components, the vertical clearance shall be 80 inches high (2030 mm) minimum.

11B-1008.2.1 Ground Level and Elevated Play Components. Accessible routes serving ground level play components and elevated play components shall be permitted to use the exceptions in 11B-1008.2.1.

EXCEPTIONS: 1. Transfer systems complying with 11B-1008.3 shall be permitted to connect elevated play components except where 20 or more elevated play components are provided no more than 25 percent of the elevated play components shall be permitted to be connected by transfer systems.

2. Where transfer systems are provided, an elevated play component shall be permitted to connect to another elevated play component as part of an accessible route.

11B-1008.2.2 Soft Contained Play Structures. Accessible routes serving soft contained play structures shall be permitted to use the exception in 11B-1008.2.2.

EXCEPTION: Transfer systems complying with 11B-1008.3 shall be permitted to be used as part of an accessible route.

11B-1008.2.3 Water Play Components. Accessible routes serving water play components shall be permitted to use the exceptions in 11B-1008.2.3.

EXCEPTIONS: 1. Where the surface of the accessible route, clear floor or ground spaces, or turning spaces serving water play components is submerged, compliance with 11B-302, 11B-403.3, 11B-405.2, 11B-405.3, and 11B-1008.2.6 shall not be required.

2. Transfer systems complying with 11B-1008.3 shall be permitted to connect elevated play components in water.

11B-1008.2.4 Clear Width. Accessible routes connecting play components shall provide a clear width complying with 11B-1008.2.4.

11B-1008.2.4.1 Ground Level. At ground level, the clear width of accessible routes shall be 60 inches (1525 mm) minimum.

EXCEPTIONS: 1. In play areas less than 1000 square feet (93 m²), the clear width of accessible routes shall be permitted to be 44 inches (1120 mm) minimum, if at least one turning space complying with 11B-304.3 is provided where the restricted accessible route exceeds 30 feet (9145 mm) in length.

2. The clear width of accessible routes shall be permitted to be 36 inches (915 mm) minimum for a distance of 60 inches (1525 mm) maximum provided that multiple reduced width segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.

11B-1008.2.4.2 Elevated. The clear width of accessible routes connecting elevated play components shall be 36 inches (915 mm) minimum.

EXCEPTIONS: 1. The clear width of accessible routes connecting elevated play components shall be permitted to be reduced to 32 inches (815 mm) minimum for a distance of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

2. The clear width of transfer systems connecting elevated play components shall be permitted to be 24 inches (610 mm) minimum.

11B-1008.2.5 Ramps. Within play areas, ramps connecting ground level play components and ramps connecting elevated play components shall comply with 11B-1008.2.5.

11B-1008.2.5.1 Ground Level. Ramp runs connecting ground level play components shall have a running slope not steeper than 1:16.

11B-1008.2.5.2 Elevated. The rise for any ramp run connecting elevated play components shall be 12 inches (305 mm) maximum.

11B-1008.2.5.3 Handrails. Where required on ramps serving play components, the handrails shall comply with 11B-505 except as modified by 11B-1008.2.5.3.

EXCEPTIONS: 1. Handrails shall not be required on ramps located within ground level use zones.
2. Handrail extensions shall not be required.

11B-1008.2.5.3.1 Handrail Gripping Surfaces. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 0.95 inch (24 mm) minimum and 1.55 inches (39 mm) maximum. Where the shape of the gripping surface is non-circular, the handrail shall provide an equivalent gripping surface.

11B-1008.2.5.3.2 Handrail Height. The top of handrail gripping surfaces shall be 20 inches (510 mm) minimum and 28 inches (710 mm) maximum above the ramp surface.

11B-1008.2.6 Ground Surfaces. Ground surfaces on accessible routes, clear floor or ground spaces, and turning spaces shall comply with 11B-1008.2.6.

11B-1008.2.6.1 Accessibility. Ground surfaces shall comply with ASTM F 1951 (incorporated by reference, see “Referenced Standards” in ~~Chapter~~ Division 1). Ground surfaces shall be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951.

11B-1008.2.6.2 Use Zones. Ground surfaces located within use zones shall comply with ASTM F 1292 (1999 edition or 2004 edition) (incorporated by reference, see “Referenced Standards” in ~~Chapter~~ Division 1).

11B-1008.3 Transfer Systems. Where transfer systems are provided to connect to elevated play components, transfer systems shall comply with 11B-1008.3.

11B-1008.3.1 Transfer Platforms. Transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids. Transfer platforms shall comply with 11B-1008.3.1.

11B-1008.3.1.1 Size. Transfer platforms shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

11B-1008.3.1.2 Height. The height of transfer platforms shall be 11 inches (280 mm) minimum and 18 inches (455 mm) maximum measured to the top of the surface from the ground or floor surface.

11B-1008.3.1.3 Transfer Space. A transfer space complying with 11B-305.2 and 11B-305.3 shall be provided adjacent to the transfer platform. The 48 inch (1220 mm) long minimum dimension of the transfer space shall be centered on and parallel to the 24 inch (610 mm) long minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

11B-1008.3.1.4 Transfer Supports. At least one means of support for transferring shall be provided.

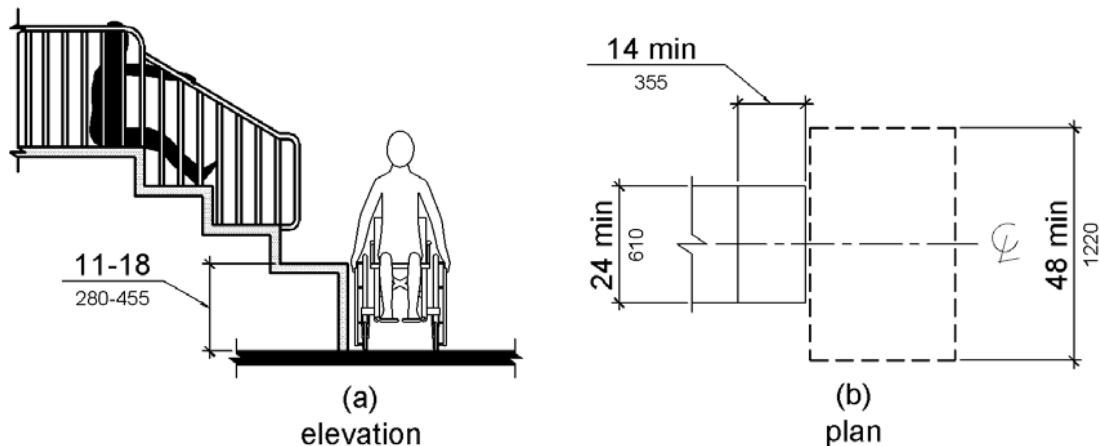


Figure 11B-1008.3.1
Transfer Platforms

11B-1008.3.2 Transfer Steps. Transfer steps shall be provided where movement is intended from transfer platforms to levels with elevated play components required to be on accessible routes. Transfer steps shall comply with 11B-1008.3.2.

11B-1008.3.2.1 Size. Transfer steps shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

11B-1008.3.2.2 Height. Each transfer step shall be 8 inches (205 mm) high maximum.

11B-1008.3.2.3 Transfer Supports. At least one means of support for transferring shall be provided.

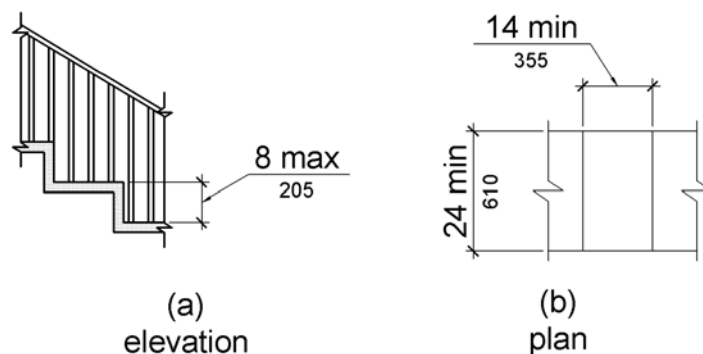


Figure 11B-1008.3.2
Transfer Steps

11B-1008.4 Play Components. Ground level play components on accessible routes and elevated play components connected by ramps shall comply with 11B-1008.4.

11B-1008.4.1 Turning Space. At least one turning space complying with 11B-304 shall be provided on the same level as play components. Where swings are provided, the turning space shall be located immediately adjacent to the swing.

11B-1008.4.2 Clear Floor or Ground Space. Clear floor or ground space complying with 11B-305.2 and 11B-305.3 shall be provided at play components.

11B-1008.4.3 Play Tables. Where play tables are provided, knee clearance 24 inches (610 mm) high minimum, 17 inches deep (430 mm) minimum, and 30 inches (760 mm) wide minimum shall be provided. The tops of rims, curbs, or other obstructions shall be 31 inches (785 mm) high maximum.

EXCEPTION: Play tables designed and constructed primarily for children 5 years and younger shall not be required to provide knee clearance where the clear floor or ground space required by 11B-1008.4.2 is arranged for a parallel approach.

11B-1008.4.4 Entry Points and Seats. Where play components require transfer to entry points or seats, the entry points or seats shall be 11 inches (280 mm) minimum and 24 inches (610 mm) maximum from the clear floor or ground space.

EXCEPTION: Entry points of slides shall not be required to comply with 11B-1008.4.4.

11B-1008.4.5 Transfer Supports. Where play components require transfer to entry points or seats, at least one means of support for transferring shall be provided.

11B-1009 Swimming Pools, Wading Pools, and Spas

11B-1009.1 General. Where provided, pool lifts, sloped entries, transfer walls, transfer systems, and pool stairs shall comply with 11B-1009.

11B-1009.2 Pool Lifts. Pool lifts shall comply with 11B-1009.2.

11B-1009.2.1 Pool Lift Location. Pool lifts shall be located where the water level does not exceed 48 inches (1220 mm).

EXCEPTIONS: 1. Where the entire pool depth is greater than 48 inches (1220 mm), compliance with 11B-1009.2.1 shall not be required.

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

11B-1009.2.2 Seat Location. In the raised position, the centerline of the seat shall be located over the deck and 16 inches (405 mm) minimum from the edge of the pool. The deck surface between the centerline of the seat and the pool edge shall have a slope not steeper than 1:48.

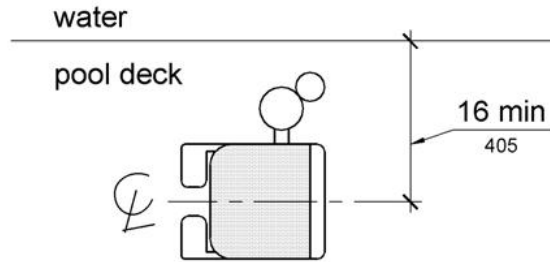


Figure 11B-1009.2.2
Pool Lift Seat Location

11B-1009.2.3 Clear Deck Space. On the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches (915 mm) wide minimum and shall extend forward 48 inches (1220 mm) minimum from a line located 12 inches (305 mm) behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48.

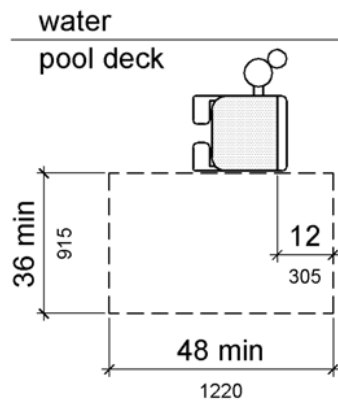


Figure 11B-1009.2.3
Clear Deck Space at Pool Lifts

11B-1009.2.4 Seat Height. The seat shall be rigid and shall have a back support that is at least 12 inches (305 mm) tall. The height of the lift seat shall be designed to allow a stop at ~~16 inches (405 mm)~~ 17 inches (423 mm) minimum to 19 inches (485 mm) maximum measured from the deck to the top of the seat surface when in the raised (load) position.

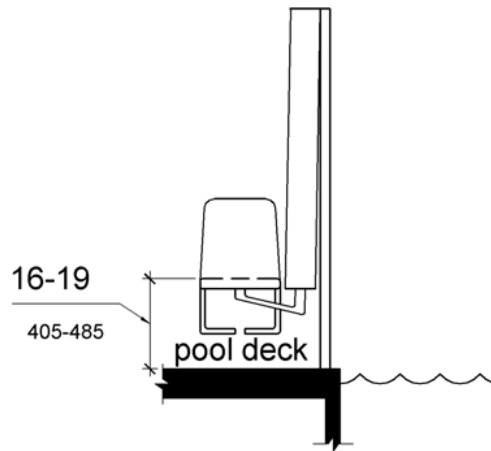


Figure 11B-1009.2.4
Pool Lift Seat Height

11B-1009.2.5 Seat Width. The seat shall be 16 inches (405 mm) wide minimum.

11B-1009.2.6 Footrests and Armrests. Footrests shall be provided and shall move with the seat. If provided, the armrest positioned opposite the water shall be removable or shall fold clear of the seat when the seat is in the raised (load) position.

EXCEPTION: Footrests shall not be required on pool lifts provided in spas.

11B-1009.2.7 Operation. The lift shall be capable of unassisted operation from both the deck and water levels. Controls and operating mechanisms shall be unobstructed when the lift is in use and shall comply with 11B-309.4. The lift shall be stable and not permit unintended movement when a person is getting into or out of the seat.

11B-1009.2.8 Submerged Depth. The lift shall be designed so that the seat will submerge to a water depth of 18 inches (455 mm) minimum below the stationary water level.

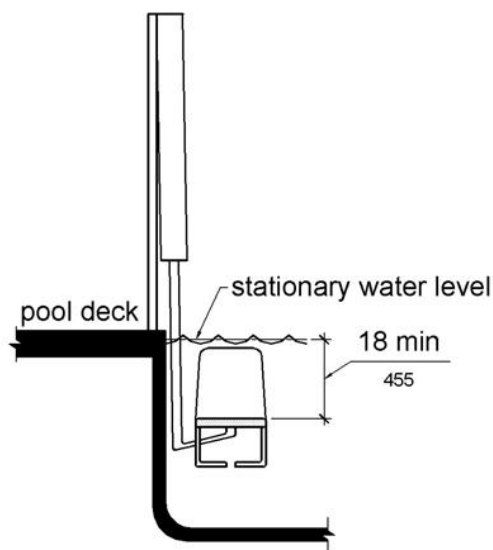


Figure 11B-1009.2.8
Pool Lift Submerged Depth

11B-1009.2.9 Lifting Capacity. Single person pool lifts shall have a weight capacity of 300 pounds (136 kg) minimum and be capable of sustaining a static load of at least one and a half times the rated load.

11B-1009.3 Sloped Entries. Sloped entries shall comply with 11B-1009.3.

11B-1009.3.1 Sloped Entries. Sloped entries shall comply with ~~Chapter~~ Division 4 except as modified in ~~1109.3.1 through 1109.3.3~~ 11B-1009.3.1 through 11B-1009.3.3.

EXCEPTION: Where sloped entries are provided, the surfaces shall not be required to be slip resistant.

11B-1009.3.2 Submerged Depth. Sloped entries shall extend to a depth of 24 inches (610 mm) minimum and 30 inches (760 mm) maximum below the stationary water level. Where landings are required by 11B-405.7, at least one landing shall be located 24 inches (610 mm) minimum and 30 inches (760 mm) maximum below the stationary water level.

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

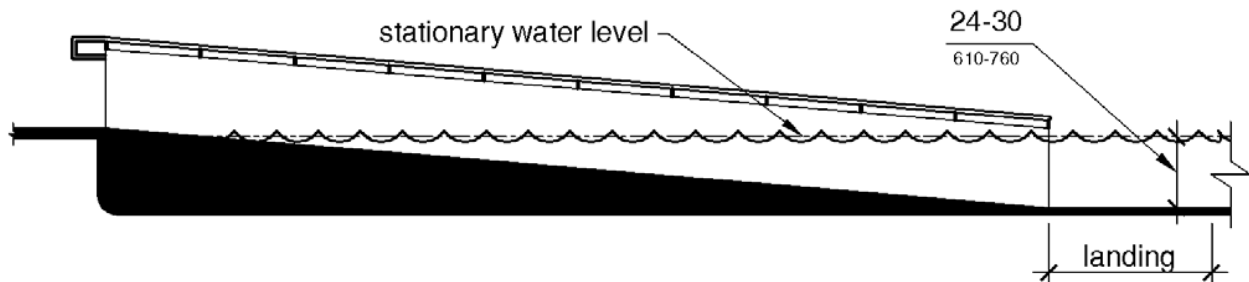


Figure 11B-1009.3.2
Sloped Entry Submerged Depth

11B-1009.3.3 Handrails. At least two handrails complying with 11B-505 shall be provided on the sloped entry. The clear width between required handrails shall be 33 inches (840 mm) minimum and 38 inches (965 mm) maximum.

EXCEPTIONS: 1. Handrail extensions specified by 11B-505.10.1 shall not be required at the bottom landing serving a sloped entry.

2. Where a sloped entry is provided for wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area, the handrails shall not be required to comply with the clear width requirements of 11B-1009.3.3.

3. Sloped entries in wading pools shall not be required to provide handrails complying with 11B-1009.3.3. If provided, handrails on sloped entries in wading pools shall not be required to comply with 11B-505.

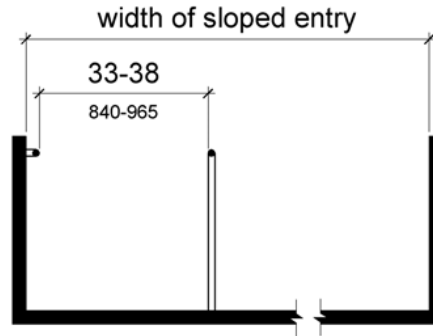


Figure 11B-1009.3.3
Handrails for Sloped Entry

11B-1009.4 Transfer Walls. Transfer walls shall comply with 11B-1009.4.

11B-1009.4.1 Clear Deck Space. A clear deck space of 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum with a slope not steeper than 1:48 shall be provided at the base of the transfer wall. Where one grab bar is provided, the clear deck space shall be centered on the grab bar. Where two grab bars are provided, the clear deck space shall be centered on the clearance between the grab bars.

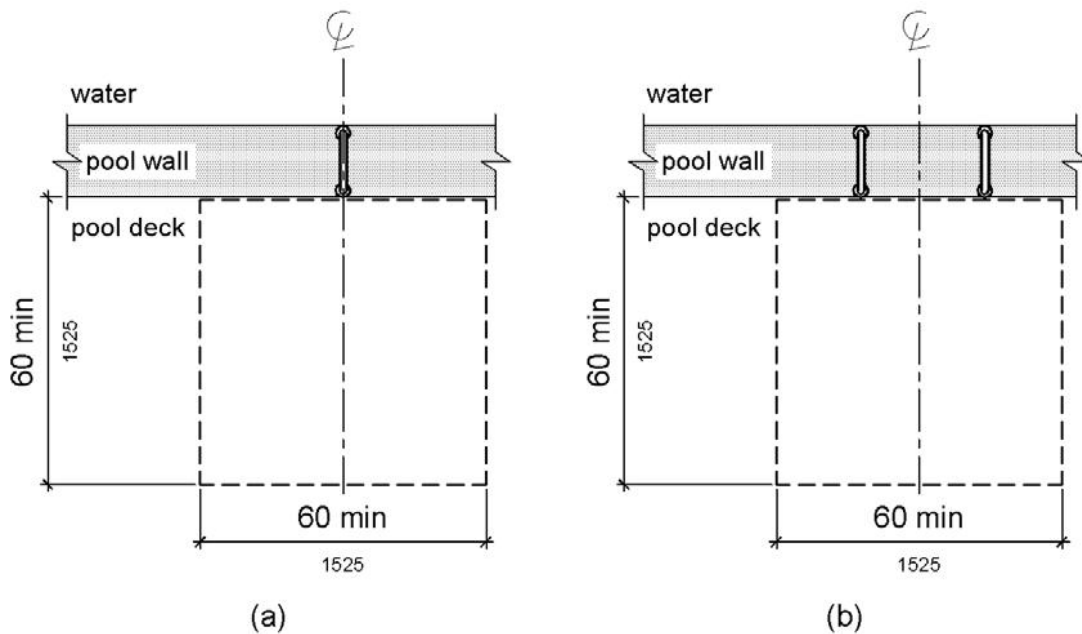


Figure 11B-1009.4.1
Clear Deck Space at Transfer Walls

11B-1009.4.2 Height. The height of the transfer wall shall be 16 inches (405 mm) minimum and 19 inches (485 mm) maximum measured from the deck.

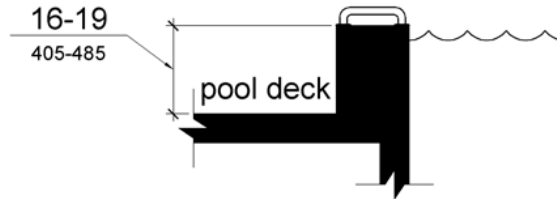


Figure 11B-1009.4.2
Transfer Wall Height

11B-1009.4.3 Wall Depth and Length. The depth of the transfer wall shall be 12 inches (305 mm) minimum and 16 inches (405 mm) maximum. The length of the transfer wall shall be 60 inches (1525 mm) minimum and shall be centered on the clear deck space.

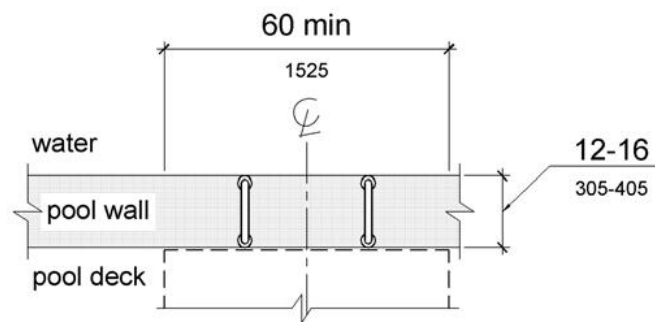


Figure 11B-1009.4.3
Depth and Length of Transfer Walls

11B-1009.4.4 Surface. Surfaces of transfer walls shall not be sharp and shall have rounded edges.

11B-1009.4.5 Grab Bars. At least one grab bar complying with 11B-609 shall be provided on the transfer wall. Grab bars shall be perpendicular to the pool wall and shall extend the full depth of the transfer wall. The top of the gripping surface shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above transfer walls. Where one grab bar is provided, clearance shall be 24 inches (610 mm) minimum on both sides of the grab bar. Where two grab bars are provided, clearance between grab bars shall be 24 inches (610 mm) minimum.

EXCEPTION: Grab bars on transfer walls shall not be required to comply with 11B-609.4.

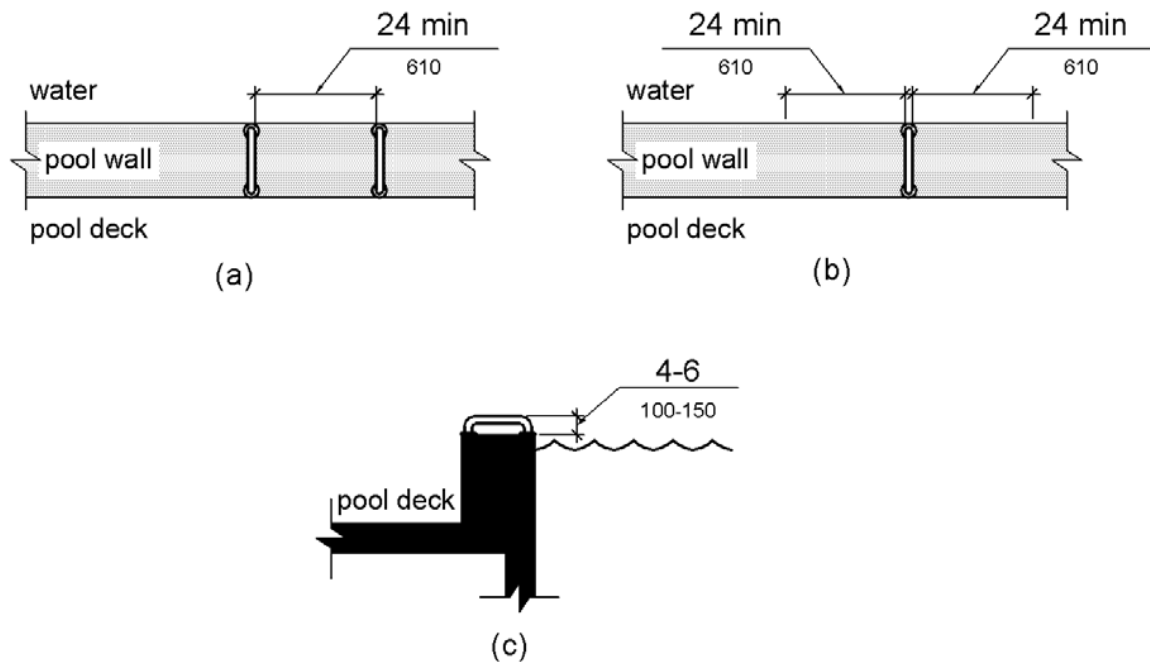


Figure 11B-1009.4.5
Grab Bars for Transfer Walls

11B-1009.5 Transfer Systems. Transfer systems shall comply with 11B-1009.5.

11B-1009.5.1 Transfer Platform. A transfer platform shall be provided at the head of each transfer system. Transfer platforms shall provide 19 inches (485 mm) minimum clear depth and 24 inches (610 mm) minimum clear width.

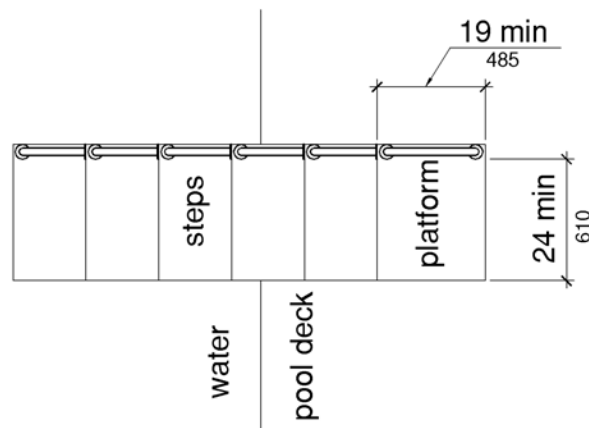


Figure 11B-1009.5.1
Size of Transfer Platform

11B-1009.5.2 Transfer Space. A transfer space of 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum with a slope not steeper than 1:48 shall be provided at the base of the transfer platform surface and shall be centered along a 24 inch (610 mm) minimum

side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

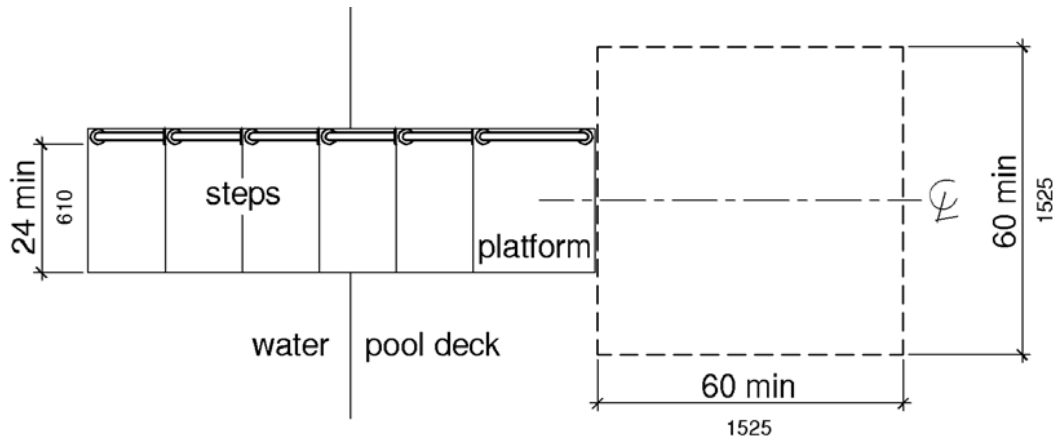


Figure 11B-1009.5.2
Clear Deck Space at Transfer Platform

11B-1009.5.3 Height. The height of the transfer platform shall comply with 11B-1009.4.2.

11B-1009.5.4 Transfer Steps. Transfer step height shall be 8 inches (205 mm) maximum. The surface of the bottom tread shall extend to a water depth of 18 inches (455 mm) minimum below the stationary water level.

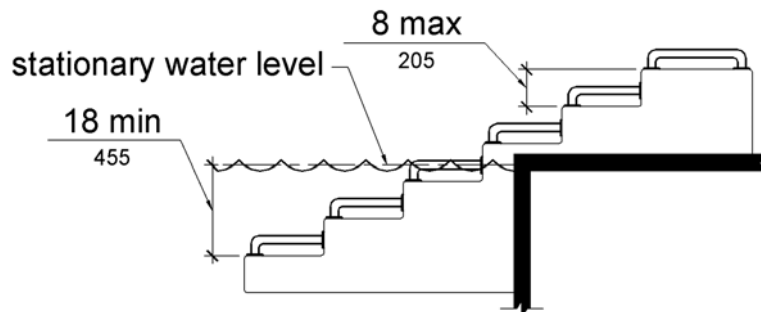


Figure 11B-1009.5.4
Transfer Steps

11B-1009.5.5 Surface. The surface of the transfer system shall not be sharp and shall have rounded edges.

11B-1009.5.6 Size. Each transfer step shall have a tread clear depth of 14 inches (355 mm) minimum and 17 inches (430 mm) maximum and shall have a tread clear width of 24 inches (610 mm) minimum.

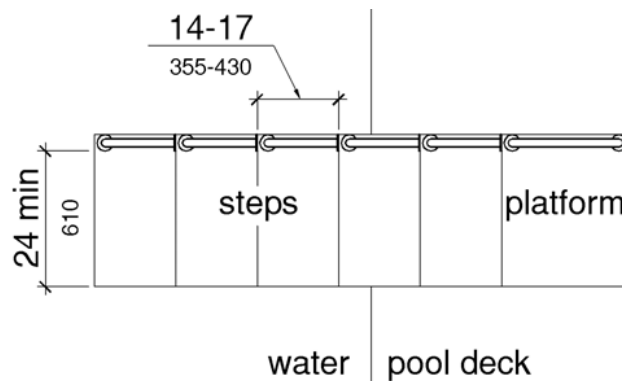


Figure 11B-1009.5.6
Size of Transfer Steps

11B-1009.5.7 Grab Bars. At least one grab bar on each transfer step and the transfer platform or a continuous grab bar serving each transfer step and the transfer platform shall be provided. Where a grab bar is provided on each step, the tops of gripping surfaces shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above each step and transfer platform. Where a continuous grab bar is provided, the top of the gripping surface shall be 4 inches (100 mm) minimum and 6 inches (150 mm) maximum above the step nosing and transfer platform. Grab bars shall comply with 11B-609 and be located on at least one side of the transfer system. The grab bar located at the transfer platform shall not obstruct transfer.

EXCEPTION: Grab bars on transfer systems shall not be required to comply with 11B-609.4.

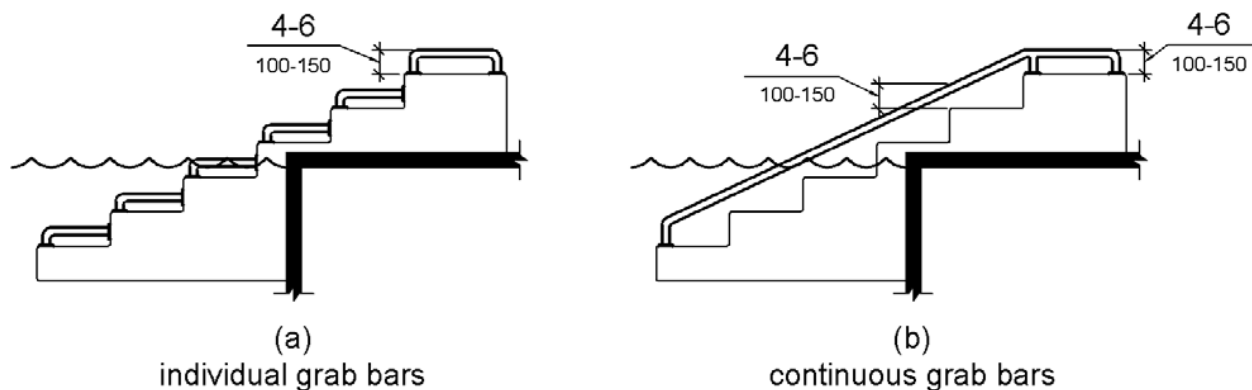


Figure 11B-1009.5.7
Grab Bars

11B-1009.6 Pool Stairs. Pool stairs shall comply with 11B-1009.6.

11B-1009.6.1 Pool Stairs. Pool stairs shall comply with 11B-504.

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

11B-1009.6.2 Handrails. The width between handrails shall be 20 inches (510 mm) minimum and 24 inches (610 mm) maximum. Handrail extensions required by 11B-505.10.3 shall not be required on pool stairs.

1010 Shooting Facilities with Firing Positions

1010.1 Turning Space. A circular turning space 60 inches (1525 mm) diameter minimum with slopes not steeper than 1:48 shall be provided at shooting facilities with firing positions.