

**AMUSEMENT RIDES, BOAT SLIPS, BOWLING LANES, COURT SPORTS, FISHING PIERS**

1. Amusement rides required to comply with 11B-234, Amusement Rides shall provide accessible routes in accordance with 11B-206.2.9 Amusement Rides. Accessible routes serving amusement rides shall comply with Division 4 except as modified by 11B-1002.2 Accessible Routes. **§11B-206.2.9**
2. Load and unload areas shall be on an accessible route. Where load and unload areas have more than one loading or unloading position, at least one loading and unloading position shall be on an accessible route. **§11B-206.2.9.1**
3. When amusement rides are in the load and unload position, wheelchair spaces complying with 11B-1002.4, amusement ride seats designed for transfer complying with 11B-1002.5, and transfer devices complying with 11B-1002.6 shall be on an accessible route. **§11B-206.2.9.2**
4. Boat slips required to comply with 11B-235.2 Boat Slips and boarding piers at boat launch ramps required to comply with 11B-235.3 Boarding Piers at Boat Launch Ramps shall be on an accessible route. Accessible routes serving recreational boating facilities shall comply with Chapter 4, except as modified by 11B-1003.2. **§11B-206.2.10**
5. Where bowling lanes are provided, at least 5 percent, but no fewer than one of each type of bowling lane, shall be on an accessible route. **§11B-206.2.11**
6. In court sports, at least one accessible route shall directly connect both sides of the court. **§11B-206.2.12**
7. At least one of each type of exercise machines and equipment shall be on an accessible route. **§11B-206.2.13**
8. Fishing piers and platforms shall be on an accessible route. Accessible routes serving fishing piers and platforms shall comply with Division 4 except as modified by 11B-1005.1. **§11B-206.2.14**

**GOLF COURSES, MINITURE GOLF, PLAY STRUCTURES, SPORT ACTIVITY AREAS**

9. At least one accessible route shall connect accessible elements and spaces within the boundary of the golf course. In addition, accessible routes serving golf car rental areas;

bag drop areas; course weather shelters complying with 11B-238.2.3 Weather Shelters; course toilet rooms; and practice putting greens, practice teeing grounds, and teeing stations at driving ranges complying with 11B-238.3 Practice Putting Greens, Practice Teeing Grounds, and Teeing Stations at Driving Ranges shall comply with Division 4 except as modified by 11B-1006.2. **§11B-206.2.15 (See exception)**

10. For miniature golf facilities; holes required to comply with 11B-239.2 Minimum Number, including the start of play, shall be on an accessible route. Accessible routes serving miniature golf facilities shall comply with Division 4 except as modified by 11B-1007.2. **§11B-206.2.16**
11. Play areas shall provide accessible routes in accordance with 11B-206.2.17 Play Areas. Accessible routes serving play areas shall comply with Division 4 except as modified by 11B-1008.2. **§11B-206.2.17**
12. For ground level and elevated play components, at least one accessible route shall be provided within the play area. The accessible route shall connect ground level play components required to comply with 11B-240.2.1 Ground Level Play Components and elevated play components required to comply with 11B-240.2.2 Elevated Play Components, including entry and exit points of the play components. **§11B-206.2.17.1**
13. For soft-contained play structures. Where three or fewer entry points are provided for soft contained play structures, at least one entry point shall be on an accessible route. Where four or more entry points are provided for soft contained play structures, at least two entry points shall be on an accessible route. **§11B-206.2.17.2**
14. For areas of sport activity, an accessible route shall be provided to the boundary of each area of sport activity. **§11B-206.2.18**

**AMUSEMENT RIDES**

15. Show and detail accessible routes to amusement rides. The accessible routes shall comply with Division 4 Accessible Routes. **§11B-1002.2 (See exceptions)**
16. Provide a turning space in load and unload areas in compliance with 11B-304.2 Floor or Ground Surfaces and 11B-304.3 Size. **§11B-1002.3**

17. Show how wheelchair spaces are provided in amusement rides, compliant with requirements of 11B-1002.4. **§11B-1002.4**
18. Note on plans: “The floor or ground surface of wheelchair spaces shall be stable and firm. The floor or ground surface of wheelchair spaces shall have a slope not steeper than 1:48 (2.083%) when in the load and unload position.” **§11B-1002.4.1, §11B-1002.4.2**
19. Show that the vertical difference between the floors of amusement rides with wheelchair spaces and floors of load and unload areas is within 5/8 inches and the horizontal gap is 3 inches maximum under normal passenger load conditions when amusement rides are at rest in the load and unload position. **§11B-1002.4.3**
20. Provide a clear width of 30 inches minimum and a clear length of 48 inches minimum measured to 9 inches minimum above the floor surface for wheelchair spaces. **§11B-1002.4.4.1**
21. Design the amusement ride to permit sufficient maneuvering clearance for individuals using a wheelchair or mobility aid to enter and exit the ride where wheelchair spaces are entered only from the side. **§11B-1002.4.4.2**
22. Provide 32 inches minimum clear entry to wheelchair spaces on amusement rides. **§11B-1002.4.5**
23. Provide an accessible route to one side of the wheelchair space. **§11B-1002.4.6**
24. Provide a companion seat for each wheelchair space where the interior width of the amusement ride is greater than 53 inches, seating is provided for more than one rider, and the wheelchair is not required to be centered within the amusement ride. **§11B-1002.4.7**
25. Provide companion seats shoulder-to-shoulder with the adjacent wheelchair space where an amusement ride provides shoulder-to-shoulder seating. **§11B-1002.4.7.1**
26. Amusement ride seats designed for transfer shall comply with the following when positioned for loading and unloading: **§11B-1002.5**
  - a. Provide a clear floor or ground space in compliance with 11B-305 Clear Floor or Ground Surfaces in the load and unload area adjacent to the amusement ride seats designed for transfer. **§11B-1002.5.1**
  - b. Show that the height of amusement ride seats designed for transfer is 14 inches minimum and 24 inches maximum measured from the surface of the load and unload area. **§11B-1002.5.2**
  - c. Provide clearance for transfer from a wheelchair or mobility aid to the amusement ride seat where openings are provided for transfer to amusement ride seats. **§11B-1002.5.3**
  - d. Provide wheelchair storage spaces complying with 11B-305 Clear Floor or Ground Surfaces in or adjacent to unload areas for each required amusement ride seat designed for transfer. The wheelchair storage spaces shall not overlap any required means of egress or accessible route. **§11B-1002.5.4**
27. Transfer devices for use with amusement rides shall comply with the following when positioned for loading and unloading: **§11B-1002.6**
  - e. Provide a clear floor or ground space complying with 11B-305 Clear Floor or Ground Surfaces in the load and unload area adjacent to the transfer device. **§11B-1002.6.1**
  - f. Show that the height of transfer device seats is 14 inches minimum and 24 inches maximum measured from the load and unload surface. **§11B-1002.6.2**
  - g. Provide wheelchair storage spaces complying with 11B-305 Clear Floor or Ground Surfaces in or adjacent to unload areas for each required amusement ride seat designed for transfer. The wheelchair storage spaces shall not overlap any required means of egress or accessible route. **§11B-1002.6.3**

#### **RECREATIONAL BOATING FACILITIES**

28. Provide accessible routes to recreational boating facilities, including gangways and floating piers. **§11B-1003.2**
29. Provide clear pier space 60 inches wide minimum and at least as long as the boat slips. Each 10 feet maximum of linear pier edge serving boat slips shall contain at least one continuous clear opening 60 inches wide minimum. **§11B-1003.3.1 (See exceptions)**
30. Provide clear pier space 60 inches wide minimum and at least as long as the full length of the

boarding pier at boat launch ramps. Every 10 feet maximum of linear pier edge shall contain at least one continuous clear opening 60 inches wide minimum. **§11B-1003.3.2 (See exceptions)**

**EXERCISE MACHINES AND EQUIPMENT**

- 31. Provide a clear floor space complying with 11B-305 Clear Floor or Ground Surfaces positioned for transfer or for use by an individual seated in a wheelchair. **§11B-1004.1**

**FISHING PIERS AND PLATFORMS**

- 32. Provide accessible routes to fishing piers and platforms, including gangways and floating piers. **§11B-1005.1 (See exceptions)**
- 33. Show at least 25 percent of the railings, guards, or handrails with a height of 34 inches maximum above the ground or deck surface. Railings, guards, or handrails provided shall be dispersed throughout the fishing pier or platform. **§11B-1005.2.1 (See exception)**
- 34. Curbs or barriers shall extend 2 inches minimum above the surface of the fishing pier or platform where railings, guards, or handrails complying are provided. **§11B-1005.3.1**
- 35. The ground or deck surface shall extend 12 inches minimum beyond the inside face of the railing. **§11B-1005.3.2, Figure 11B-1005.3.2**
- 36. Toe clearance shall be provided and shall be 30 inches wide minimum and 9 inches minimum above the ground or deck surface beyond the railing. **§11B-1005.3.2, Figure 11B-1005.3.2**
- 37. Provide a clear floor or ground space complying with 11B-305 Clear Floor or Ground Surfaces at each location where railings, guards, or handrails are provided per 11B-1005.2.1 Height. **§11B-1005.4**
- 38. Provide at least one clear floor or ground space complying with 11B-305 Clear Floor or Ground Surfaces on the fishing pier or platform where there are no railings, guards, or handrails. **§11B-1005.4**
- 39. Provide at least one turning space on fishing piers and platforms. The turning space shall comply with 11B-304.3 Size. **§11B-1005.5**

**GOLF FACILITIES**

- 40. Accessible routes to 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 be 48 inches wide minimum. Where handrails are provided, accessible routes shall be 60 inches wide minimum. **§11B-1006.2**

- 41. A clear width of golf car passages shall be 48 inches minimum. **§11B-1006.3.1**
- 42. Where curbs or other constructed barriers prevent golf cars from entering a fairway, openings 60 inches wide minimum shall be provided at intervals not to exceed 75 yards. **§11B-1006.3.2**
- 43. 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. **§11B-238.2.1**
- 44. 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-238.3**
- 45. Provide a clear floor or ground space 60 inches minimum by 96 inches minimum within weather shelters. **§11B-238.2.3, §11B-1006.4**

**MINIATURE GOLF FACILITIES**

- 46. Provide at least 50 percent of holes with an accessible route. **§11B-239.2**
- 47. Miniature golf courses shall be configured so that the compliant 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. 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-239.3**
- 48. A clear floor or ground space 48 inches minimum by 60 inches minimum with slopes not steeper than 1:48 (2.083%) shall be provided at the start of play. **§11B-1007.3.1**
- 49. All areas within holes where golf balls rest shall be within 36 inches maximum of a clear floor or ground space 36 inches wide minimum and 48 inches long minimum having a running slope not

steeper than 1:20 (5%). The clear floor or ground space shall be served by an accessible route. **§11B-1007.3.2**

## PLAY AREAS

50. Provide an accessible route to all play areas within a site for children ages 2 and over. **§11B-240.1, §11B-1008.2**
51. 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**
52. Provide an accessible route to at least one of each type of ground level play components. **§11B-240.2.1.1**
53. Provide a minimum vertical clearance of 80 inches high at the accessible ground level play component. **§11B-1008.2**
54. Where elevated play components are provided, at least 50 percent shall be on an accessible route. **§11B-240.2.2**
55. Ground level play components shall be provided in accordance with Table 11B-240.2.1.2. **§11B-240.2.1.2**
56. At ground level play components, the clear width of accessible routes shall be 60 inches minimum for play areas 1,000 square feet or greater. **§11B-1008.2.4.1**
57. In play areas less than 1,000 square feet, the clear width of accessible routes shall be permitted to be 44 inches minimum, if at least one 60 inches turning space is provided where the restricted accessible route exceeds 30 feet in length. **§11B-1008.2.4.1**
58. The clear width of accessible routes connecting elevated play components shall be 36 inches minimum. **§11B-1008.2.4.2**
59. Ramp runs connecting ground level play components shall have a running slope not steeper than 1:16. **§11B-1008.2.5.1**
60. The rise for any ramp run connecting elevated play components shall be 12 inches maximum. **§11B-1008.2.5.2**
61. Where handrails are required on ramps serving play components, handrail gripping surfaces with a circular cross section shall have an outside diameter of 0.95 inch minimum and 1.55 inches maximum. Where the shape of the gripping surface is non-circular, the handrail shall provide an equivalent gripping surface. **§11B-1008.2.5.3.1**
62. The top of handrail gripping surfaces shall be 20 inches minimum and 28 inches maximum above the ramp surface. **§11B-1008.2.5.3.2**
63. Provide ground surfaces compliant with ASTM F 1951. Ground surfaces shall be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951. **§11B-1008.2.6.1**
64. Ground surfaces located within use zones shall comply with ASTM F 1292. **§11B-1008.2.6.2**
65. Transfer platforms shall have level surfaces 14 inches deep minimum and 24 inches wide minimum. **§11B-1008.3.1.1**
66. The height of transfer platforms shall be 11 inches minimum and 18 inches maximum measured to the top of the surface from the ground or floor surface. **§11B-1008.3.1.2**
67. Provide a transfer space, minimum 30 inches by 48 inches clear floor ground space, adjacent to the transfer platform. The 48 inch long minimum dimension of the transfer space shall be centered on and parallel to the 24 inch long minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed. At least one means of support for transferring shall be provided. **§11B-1008.3.1.3, §11B-1008.3.1.4**
68. Transfer steps shall have level surfaces 14 inches deep minimum and 24 inches wide minimum and 8 inches high maximum. **§11B-1008.3.2.1, §11B-1008.3.2.2**
69. Provide compliant contrasting striping at each transfer step. **§11B-1008.3.2.4**
70. Provide at least one 60 inches minimum diameter turning space on the same level as play components. Where swings are provided, the turning space shall be located immediately adjacent to the swing. **§11B-1008.4.1**
71. Provide a minimum 30 inches by 48 inches clear floor ground space at play components. **§11B-1008.4.2**
72. Provide minimum knee clearances 24 inches high, 17 inches deep, and 30 inches wide where play tables are provided. Play table top rims or other obstructions shall be 31 inches high maximum. **§11B-1008.4.3**

73. Play component entry points or seats shall be 11 inches minimum and 24 inches maximum from the clear floor or ground space. **§11B-1008.4.4**

74. Provide at least one means of support for transferring to required entry points or seats. **§11B-1008.4.5**

**SAUNAS AND STEAM ROOMS**

75. Where provided, saunas and steam rooms shall comply with Section 11B-612. **§11B-241.1**

76. 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 Section 11B-612. **§11B-241.1 (See exception)**

77. Where seating is provided in saunas and steam rooms, at least one bench shall comply with Section 11B-903. Door shall not swing into the clear floor space required by Section 11B-903.2. **§11B-612.2**

78. A readily removable bench shall be permitted to obstruct the turning space required by Section 11B-612.3 and the clear floor or ground space required by Section 11B-903.2. **§11B-612.2 (See exception)**

79. A turning space complying with Section 11B-304 shall be provided within saunas and steam rooms. **§11B-612.3**

**SWIMMING POOLS, WADING POOLS, AND SPAS**

80. Provide at least two accessible means of entry for the swimming pool. Accessible means of entry shall be swimming pool lifts; sloped entries; transfer walls; transfer systems; or pool stairs. At least one accessible means of entry provided shall comply with swimming pool lifts or sloped entries. **§11B-242.2, §11B-1008.2**

81. Where a swimming pool has less than 300 linear feet 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 or sloped entry. **§11B-242.2 exception 1, §11B-1009.2, §11B-1009.3**

82. Provide at least one accessible means of entry for the wading pool. Accessible means of entry shall comply with 11B-1009.3 Sloped Entries. **§11B-242.3, §11B-1009.3**

83. Provide at least one accessible means of entry for the spa. Accessible means of entry shall comply with swimming 11B-1009.2 Pool Lifts; 11B-

1009.4 Transfer Walls; or 11B-1009.5 Transfer Systems. **§11B-242.4**

84. 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 provide an accessible means of entry. **§11B-242.4 exception**

85. Pool lifts shall be located where the water level is 36 inches minimum and 48 inches maximum. **§11B-1009.2.1 (See exceptions)**

86. In the raised position, the centerline of the pool lift seat shall be located over the deck and 16 inches minimum from the edge of the pool. **§11B-1009.2.2**

87. On the side of the seat opposite the water, provide a clear deck space parallel with the seat. The space shall be 36 inches wide minimum and shall extend forward 48 inches minimum from a line located 12 inches behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48 (2.083%). **§11B-1009.2.3**

88. Provide a seat 16 inches minimum wide, with a back support that is at least 12 inches tall. The height of the lift seat shall be designed to allow a stop at 17 inches minimum to 19 inches maximum measured from the deck to the top of the seat surface when in the raised (load) position. **§11B-1009.2.4, §11B-1009.2.5**

89. Provide footrests that shall move with the seat. The seat shall have two armrests. 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. Note: Footrests shall not be required on pool lifts provided in spas. **§11B-1009.2.6**

90. 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. **§11B-1009.2.7**

91. The lift shall be designed so that the seat will submerge to a water depth of 18 inches minimum below the stationary water level. **§11B-1009.2.8**

92. Single person pool lifts shall have a weight capacity of 300 pounds minimum and be capable of sustaining a static load of at least one and a half times the rated load. **§11B-1009.2.9**

93. Sloped entries shall extend to a depth of 24 inches minimum and 30 inches maximum below the stationary water level. Where landings are required, at least one landing shall be located 24

inches minimum and 30 inches maximum below the stationary water level. **§11B-1009.3.2 (See exception)**

94. Provide at least two handrails on the sloped entry. The clear width between required handrails shall be 33 inches minimum and 38 inches maximum. **§11B-1009.3.3 (See exceptions)**
95. Provide a clear deck space of 60 inches minimum by 60 inches minimum with a slope not steeper than 1:48 (2.083%) 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. **§11B-1009.4.1**
96. The height of the transfer wall shall be 16 inches minimum and 19 inches maximum measured from the deck. **§11B-1009.4.2**
97. The depth of the transfer wall shall be 12 inches minimum and 16 inches maximum. The length of the transfer wall shall be 60 inches minimum and shall be centered on the clear deck space. Surfaces of transfer walls shall not be sharp and shall have rounded edges. **§11B-1009.4.3, §11B-1009.4.4**
98. Provide at least one grab bar 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 minimum and 6 inches maximum above transfer walls. Where one grab bar is provided, clearance shall be 24 inches minimum on both sides of the grab bar. Where two grab bars are provided, clearance between grab bars shall be 24 inches minimum. Grab bars on transfer walls shall not be required to comply with 11B-609.4. **§11B-1009.4.5**
99. A transfer platform shall be provided at the head of each transfer system. Transfer platforms shall provide 19 inches minimum clear depth and 24 inches minimum clear width. The height of the transfer platform shall be 16 inches minimum and 19 inches maximum measured from the deck. **§11B-1009.5.1, §11B-1009.5.3**
100. A transfer space of 60 inches minimum by 60 inches minimum with a slope not steeper than 1:48 (2.083%) shall be provided at the base of the transfer platform surface and shall be centered along a 24 inch minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be

unobstructed. **§11B-1009.5.2**

101. Transfer step height shall be 8 inches maximum. Each transfer step shall have a tread clear depth of 14 inches minimum and 17 inches maximum and shall have a tread clear width of 24 inches minimum. The surface of the bottom tread shall extend to a water depth of 18 inches minimum below the stationary water level. The surface of the transfer system shall not be sharp and shall have rounded edges. **§11B-1009.5.4, §11B-1009.5.5, §11B-1009.5.6**
102. Provide 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. Where a grab bar is provided on each step, the tops of gripping surfaces shall be 4 inches minimum and 6 inches maximum above each step and transfer platform. Where a continuous grab bar is provided, the top of the gripping surface shall be 4 inches minimum and 6 inches maximum above the step nosing and transfer platform. Grab bars shall be located on at least one side of the transfer system. The grab bar located at the transfer platform shall not obstruct transfer. Grab bars on transfer systems shall not be required to comply with 11B-609.4. **§11B-1009.5.7**
103. Pool stairs shall comply with 11B-504 Stairways, except pool step riser heights shall not be required to be 4 inches high minimum and 7 inches high maximum provided that riser heights are uniform.. **§11B-1009.6.1**
104. The width between handrails shall be 20 inches minimum and 24 inches maximum. Handrail extensions required by 11B-505.10.3 shall not be required on pool stairs. **§11B-1009.6.2**

#### **SHOOTING FACILITIES WITH FIRING POSITIONS**

105. 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 provide a circular turning space 60 inches diameter minimum with slopes not steeper than 1:48 (2.083%). **§11B-243.1, §11B-1010.1**

#### **OUTDOOR DEVELOPED AREAS**

106. In camping facilities where campsites are provided, at least two campsites and one additional campsite for each 100 campsites or fraction thereof, shall be accessed by and

**RECREATION FACILITIES**

- connected to sanitary facilities by travel routes with a maximum slope of 1:12 (8.33%). Permanent toilet and bathing facilities serving campsites shall comply with 11B-603 Toilet and Bathing Rooms. **§11B-246.2**
- 107. Beaches, day use areas, vista points, and similar areas shall be accessible. **§11B-246.3, §11B-246.4**
  - 108. Where picnic tables are provided, at least one picnic table, and one additional table for each 20 tables or fraction thereof, shall be accessible and comply with 11B-902. **§11B-246.5**
  - 109. Parking lots shall comply with 11B-208 and 11B-502 and shall be provided with curb cuts leading to adjacent walks, paths or trails. **§11B-246.6**
  - 110. Trails, paths and nature walk areas, or portions of them, shall be constructed with gradients permitting at least partial use by wheelchair occupants. Buildings and other functional areas shall be served by paths or walks with firm and stable surfaces. **§11B-246.7**
  - 111. Nature trails and similar educational and informational areas shall be accessible to individuals with vision impairments by the provision of rope guidelines, raised Arabic numerals and symbols, or other similar guide and assistance devices. **§11B-246.8**

**ADDITIONAL COMMENTS**

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