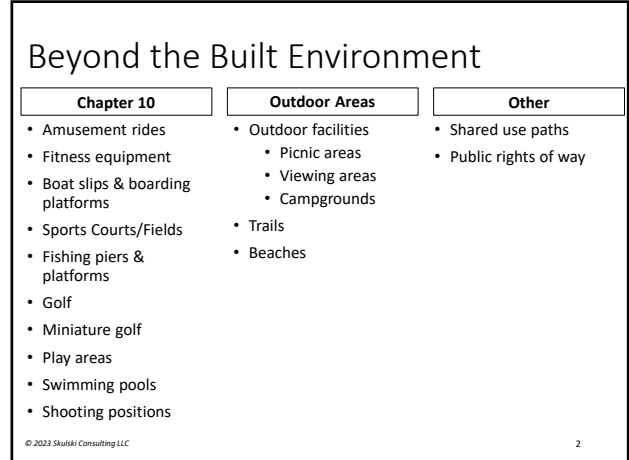




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### Status of Rulemaking

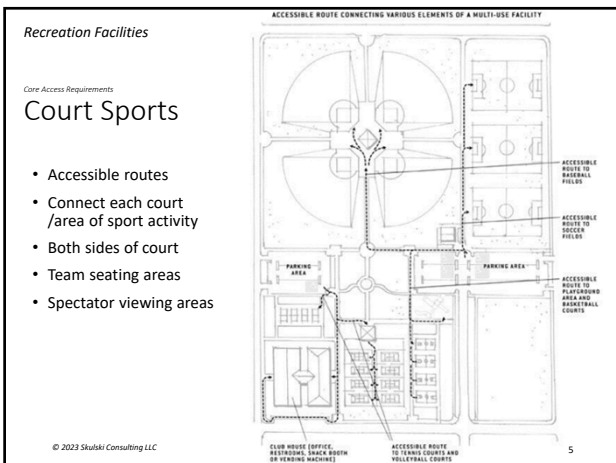
	ADA (Americans with Disabilities Act)	ABA (Architectural Barriers Act)	Best Available Info
Recreation Facilities	✓ (Chapter 10)	✓ (Chapter 10)	
Outdoor Developed Areas		✓ (Chapter 10)	✓
Public Rights of Way (PROWAG)	✓	✓	
Shared Use Paths	✓	✓	

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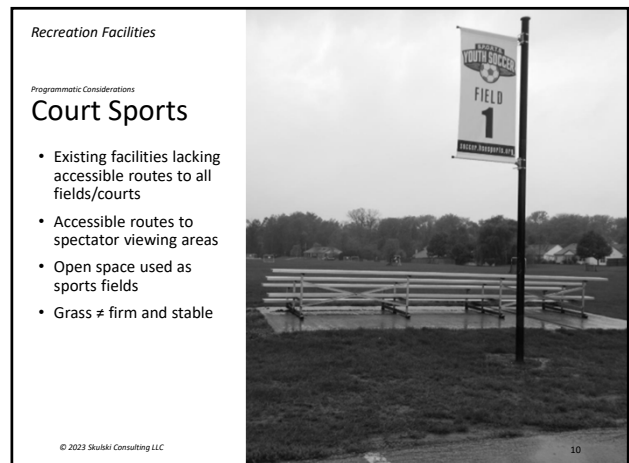
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10



## Exercise Machines & Equipment (236)

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13

13

### Recreation Facilities

## Exercise Machines & Equipment

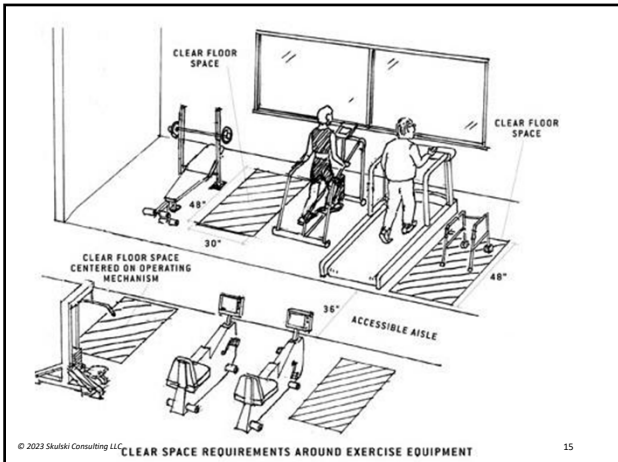
- At least one of each type of exercise equipment/machine
- Accessible route
- Clear floor space for transfer or use seated in a wheelchair



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### Recreation Facilities

#### Programmatic Considerations

## Exercise Machines & Equipment

Lack of standards specific to the equipment



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## Boating Facilities (235)

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### Recreation Facilities

## Boating Facilities

### Covered

- Fixed & floating facilities
- Marinas
- Launching facilities
- Piers
- Docks

### Not Covered in this Section

- Ferry docks
- Passenger vessel docks
- Access on/off passenger vessel

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## Recreation Facilities

### Boating Facilities

- Accessible route to boat slips
- Accessible boat slips (similar to accessible parking)
- Dispersed
- Boarding piers



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20

## Recreation Facilities

### Boating Gangways

- A variable-sloped pedestrian walkway
- Links a fixed structure or land with a floating structure.
- Must be designed to provide for a maximum 1:12 (8.33%) slope.
- Exception: A slope may exceed 8.33% requirements when:
  - A gangway is at least 80 feet in length in larger facilities,
  - There are less than 25 boat slips and at least 30 feet long



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21

## Recreation Facilities

### Boat Slips

- The portion of a pier where a boat is berthed or moored, or used for embarking or disembarking.
- Where slips are not defined, 40 linear feet of mooring space is a slip
- Accessible slips must be dispersed throughout various types provided. Consider:
  - Shallow water/deep water
  - Transient/long term lease
  - Covered/uncovered
  - Features provided (water, electricity, cable, telephone)

Total Number of Boat Slips Provided in Facility	Minimum Number of Required Accessible Boat Slips
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

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## Recreation Facilities

### Accessible Boat Slips & Boarding Piers

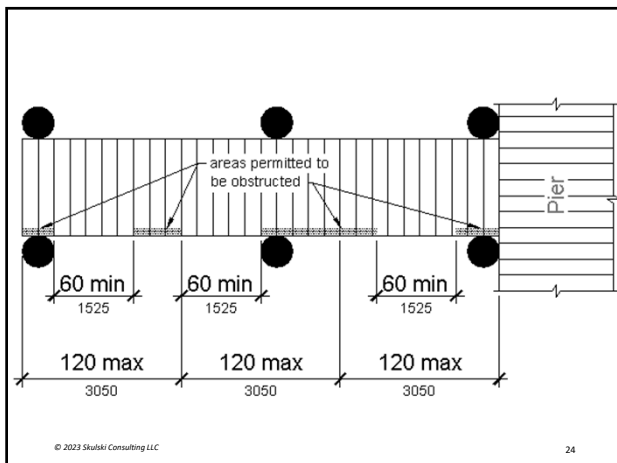
Each 10 feet max of linear pier edge must have at least one 60 inch minimum continuous clear opening



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24

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## Recreation Facilities

### Common Issues

- Changes in level exceeding ¼ inch vertical or ½ inch beveled



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25

25


Recreation Facilities

Programmatic Considerations

## Boating Facilities

- Boat launches and courtesy docks
- Rentals
- Reservations
  - Accessible boat slips do not need to be marked
  - Accessible slips will be held for persons with disabilities until all other slips are filled.
  - At that point, accessible slips are opened for general use on a first come, first served basis.

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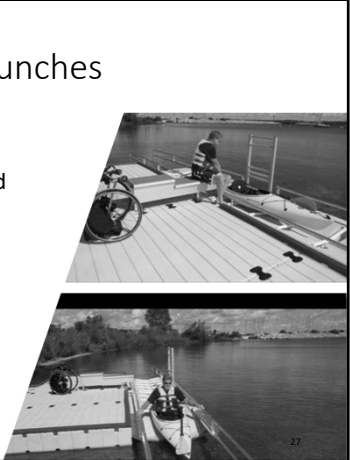
26

Recreation Facilities

## Kayak/Canoe Launches

- Kayak/canoe launches are not specifically addressed in 2010 standards
- Should be located on an accessible route
- Universal designed kayak/canoe launches are considered a best practice

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Recreation Facilities



## Fishing Piers and Platforms (237)

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Recreation Facilities

## Fishing Piers and Platforms

<u>Covered in Standards</u>	<u>Not Covered</u>
<ul style="list-style-type: none"> <li>• Facilities specifically designed and constructed for fishing.</li> </ul>	<ul style="list-style-type: none"> <li>• Bridges</li> <li>• Flood control dams</li> <li>• Breakwater jetties</li> </ul>

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Recreation Facilities

## Fishing Piers & Platforms

- Accessible routes
- Passing space every 200 ft
- Railing height & edge protection
- Clear floor space
- Dispersion
- Same gangway exception for running slope as for boating facilities

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30

Recreation Facilities

## Fishing Piers and Platforms

- Where provided, at least 25 percent of handrails must be 34 inches high maximum.
- Dispersion
  - Lowered rails shall be dispersed based on:
    - Location
    - Water depths
    - Shade
    - Vegetation
    - Proximity to shoreline or bank

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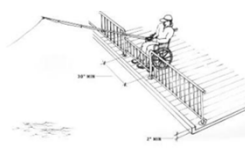
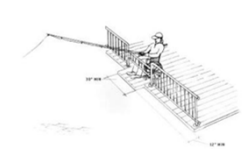
31



*Recreation Facilities*

## Fishing Piers and Platforms

- Clear floor or ground space
  - Required at each location where accessible rails are provided
  - Where no rails are provided, at least one clear space required.
- Turning space
  - At least one turning space required
- If handrails are provided, edge protection must be provided:
  - Must extend 2 inches minimum above the surface OR
  - Deck surface must extend 12 inches minimum beyond the railing
    - Toe clearance 30 inches wide and 9 inches high minimum

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32

*Recreation Facilities*

*Programmatic Considerations*


## Fishing Facilities

- Location to amenities vs location to prime fishing
- Dispersion

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## Golf Facilities (238)


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*Recreation Facilities*

## Golf Facilities

- Accessible routes serving teeing grounds, practice areas, putting greens, weather shelters, golf car rental areas, bag drops and toilet rooms
- Golf car passage minimum 48" width




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*Recreation Facilities*

## Golf Facilities

- 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.




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*Recreation Facilities*

## Golf Facilities

- A clear floor or ground space 60 inches minimum by 96 inches minimum shall be provided within weather shelters.



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Recreation Facilities

Programmatic Considerations

## Golf Facilities

Single rider golf cars



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Recreation Facilities

## Miniature Golf Facilities (239)

- At least 50% of holes must be accessible
- Configured for consecutive play



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Recreation Facilities



## Swimming Pool Access (242)

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Recreation Facilities

## Swimming Pools

At least 2 means of entry.\*



<u>Primary Mean of Entry</u>	<u>Secondary Mean of Entry</u>
• Sloped entry	• Transfer wall
• Pool lift	• Transfer system
	• Pool stairs

One accessible mean of entry via sloped entry or pool lift

**Exceptions:**

- Pools less than 300 linear feet
- Wave action pools, leisure rivers, sand bottom pools, and other pools where user access is limited to one area

Catch pools = no accessible mean of entry required, BUT the pool must be on an accessible route.

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47

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Recreation Facilities

## Wading Pools & Spas

- Wading pools
  - Sloped entry
- Spas
  - One mean of entry
    - Pool lift
    - Transfer wall
    - Transfer system



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Recreation Facilities

## Sloped entry

- Chapter 4 accessible route applies
- Sloped entry must extend to pool depth 24-30 inches with level landing
- Handrails on both sides, 33-38 clear width
  - Exceptions for wave action pools, etc where access is limited to one side & wading pools



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Recreation Facilities

## Pool lift

- Located where the water level does not exceed 48"
- Exception to location for pools where the entire pool depth is greater than 48"



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Recreation Facilities

## Pool lift

- Seat location
- Clear deck space
- Centerline of the seat shall be located over the deck and 16" min from the edge of the pool
- Seat height 16-19"
- Width
- Armrests and footrests
- Independently operable from deck & submerged positions




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DOJ Guidance

- Program access
- Readily achievable barrier removal
- Fixed lift vs portable lift
- Sharing accessible equipment between pools is not permitted, unless it would result in undue burdens to provide equipment at each one.



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Recreation Facilities



## Play Areas(240)

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Recreation Facilities

## Play Areas

- New construction
- Alterations
- Accessible routes connecting accessible play components
- Ground level play components
- Elevated play components



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Recreation Facilities

## Ground Level Play Components

- Approached and exited at ground level
- At least one of each type must be accessible
- Examples of "type"
  - Climbing
  - Spinning
  - Rocking
  - Swinging
  - Sliding
- Integrated throughout play area
- Clear floor space 30 x 48"
- 1:48 in all directions
- Transfer height 11 – 18"



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## Recreation Facilities

### Additional Ground Level Components

- Required where elevated components are provided
- Additional number is based on total number of elevated components (240.2.1.2)

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

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## Recreation Facilities

### Elevated Play Components

At least 50% of all elevated play components must be on an accessible route.

Less than 20 elevated components

- Access via
  - Ramp and/or transfer system

More than 20 elevated components

- Access via
  - 25% ramp + 25% ramp and/or transfer system

Where 50% of elevated play components are accessible via ramp, no additional ground level components are required (but there must be at least 3 different types of elevated accessible components).

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### Accessible Routes

#### To the Playground

- ADAAG 4.3 Accessible Routes (ADA-ABA Chapter 4 Accessible Routes)
  - Location
  - Width
  - Passing space
  - Head room
  - Surface textures
  - Slope
  - Changes in level

#### Within the Playground

- ADA-ABA Chapter 4 Accessible Routes and Chapter 10, Section 1008 Play Areas
  - Location
  - Clear width
  - Ramps
  - Ground surfaces

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## Recreation Facilities

### Accessible Routes for Play Areas

1008.2 Accessible Routes. Accessible routes serving play areas shall comply with Chapter 4 and 1008.2

#### Chapter 4

- 402 Accessible routes
  - 402.2 Components
- 403 Walking surfaces
  - 403.2 Floor or ground surface
  - 403.3 Slope
  - 403.4 Changes in level
  - 403.5 Clearances

#### Chapter 10

- 1008.2.4 Clear width
- 1008.2.5 Ramps
- 1008.2.6 Ground surfaces
  - 1008.2.6.1 Accessibility
  - 1008.2.6.2 Use zones

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## Recreation Facilities

### Accessible Routes & Walking Surfaces

- Slope
  - 403.3 The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.
- Floor and ground surface (403.2 refers to 302)
  - 302.1 Floor and ground surfaces shall be stable, firm, and slip resistant.
- Openings
  - 302.3 Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter.
- Changes in level (403.4 refers to 303)
  - 303.2 Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical.
  - 303.3 Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.
- Clear width (1008.2.4)
  - Ground level minimum clear width 60 inches
  - Elevated minimum clear width 36 inches
  - Exceptions
    1. In play areas less than 1000 square feet (93 m<sup>2</sup>), the clear width of accessible routes shall be permitted to be 44 inches (1120 mm) minimum, if at least one turning space complying with 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.

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## Recreation Facilities

### Accessible Ramps at Play Area

- Ground Level - Ramp runs connecting ground level play components shall have a running slope not steeper than 1:16
- 1008.2.5.3 Handrails.
  - EXCEPTIONS: 1. Handrails shall not be required on ramps located within ground level use zones.
- Elevated - Ramp run cannot exceed 1:12



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61

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## Recreation Facilities

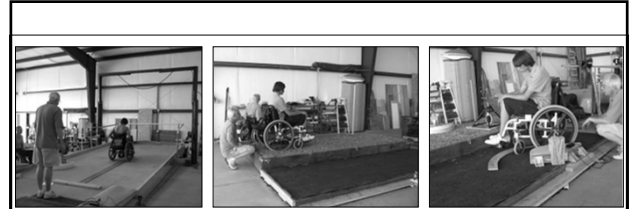
### Play Areas Ground Surfaces

- Floor and ground surfaces shall be stable, firm, and slip resistant
- Shall comply with ASTM F1951-99 *Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment*. Ground surfaces shall be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951.
- Ground surfaces located within use zones shall comply with ASTM F 1292 - *Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment*.

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62



### What is ASTM F1951

- A lab test in a controlled environment; with limited portability for field testing
- Wheelchair work method
- 7% ramp used as baseline
- Measures work per sq ft for straight propulsion and turning
- Manual rehabilitation wheelchair with rider 165 + 11 lbs
- Records data applied to pushrim over 6 ½ ft distance

63

63



Current challenges with ASTM F1951

- ✓ Expensive equipment & not easily transported for field testing
- ✓ Inconsistency following testing protocol
- ✓ Inconsistency preparing sample surfaces
- ✓ Inconsistency of reported test results and documentation to manufacturers

64

64

### Need for Standard to Determine Firmness & Stability

- Rotational Penetrometer (also referred to as an Instrumented Surface Indenter)
- Developed by Beneficial Designs as a portable field test to supplement the wheelchair work method in ASTM F1951.
- Wheelchair caster set in spring loaded caliper.
- Measures the vertical displacement of the penetrator.
- Preferred device used in the U.S. Access Board funded longitudinal study on the accessibility of playground surfaces.



65

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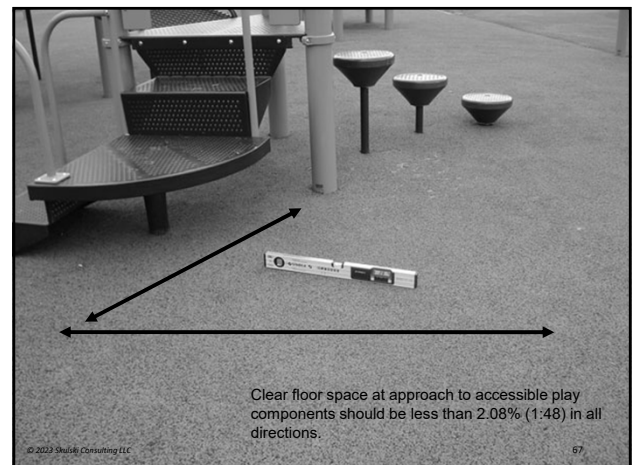
### Sample Values for Various Surface Types\*

Surface Type	Firmness	Stability
Concrete	.15 - .17	.17 - .19
Turfgrass	.55 - .65	.69 - .79
Carpet ( ½ inch cut pile w/ ½ inch pad)	.32 - .43	.41 - .55
Sand	1.13	< 1.13

\*The values are from sample surfaces that are not part of a playground installation.

66

66



Clear floor space at approach to accessible play components should be less than 2.08% (1:48) in all directions.

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67

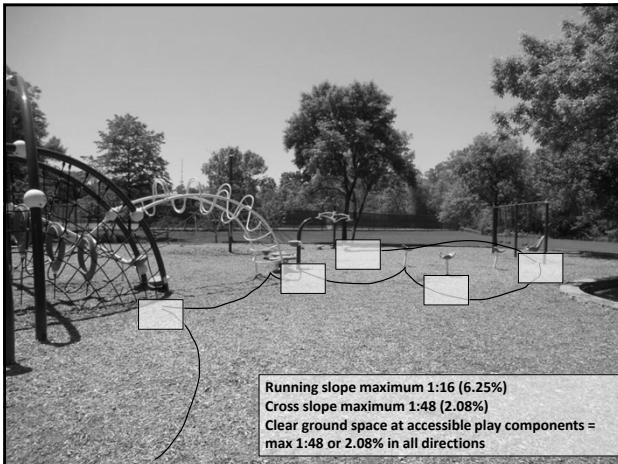
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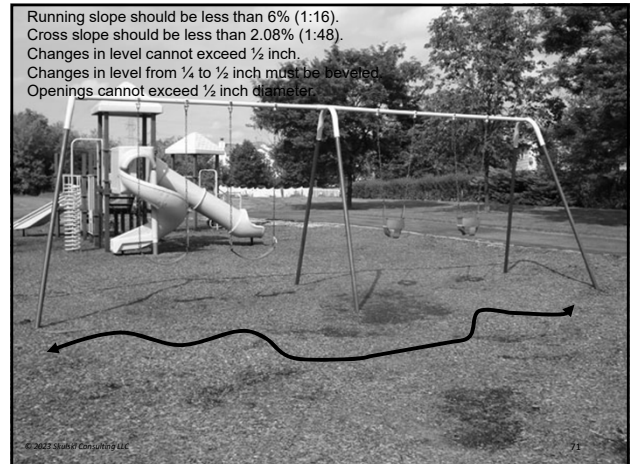
68



69



70



71

Recreation Facilities

## Planning Considerations for Play Areas

- New construction
  - Site survey
  - Plan review
  - Bid / purchasing specifications with on-site performance testing
  - Inspections & maintenance
- Existing playgrounds
  - Accessibility assessment & safety audit
  - Identify corrective actions
  - Prioritize in transition plan

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72

Recreation Facilities

## Playground Purchasing & Maintenance Considerations

- Purchasing specifications
  - Documents
  - Performance criteria
    - Impact
    - Accessibility
- Surface inspection & periodic testing
  - Upon installation
  - 2-4 year cycle

Webinar archive  
<https://accessibilityonline.org/ADA-Audio/archives/110876>


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73

Recreation Facilities

Other Recreation Facilities Addressed in Chapter 10

- Amusement Rides
- Bowling Lanes
- Shooting Facilities
- Boating Facilities
- Golf Courses
- Miniature Golf



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74

Recreation Facilities

## Amusement Rides

Apply to:

- New construction – First use
- Alterations

Exceptions

- Mobile traveling carnival rides
- Rider operated\* (i.e. bumper cars)
- Rides for children\*
- Rides without seats\*

\*Access routes are still required.


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Recreation Facilities

## Amusement Rides

- Access route
- Signage
- Load & unload areas
- Wheelchair spaces
- Companion seating
- Seats designed for transfer
- Wheelchair storage space



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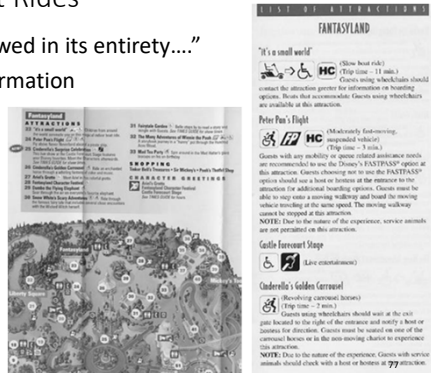
76

Recreation Facilities

Programmatic Considerations

## Amusement Rides

- “When viewed in its entirety....”
- Visitor information




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Recreation Facilities

## Bowling Lanes

- 5%, but not less than one must be on accessible route
- Only team seating areas at accessible lane must be on accessible route




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78

Recreation Facilities

## Shooting Facilities with Firing Positions

- At least 5 % accessible
- Turning space at firing positions



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81



82



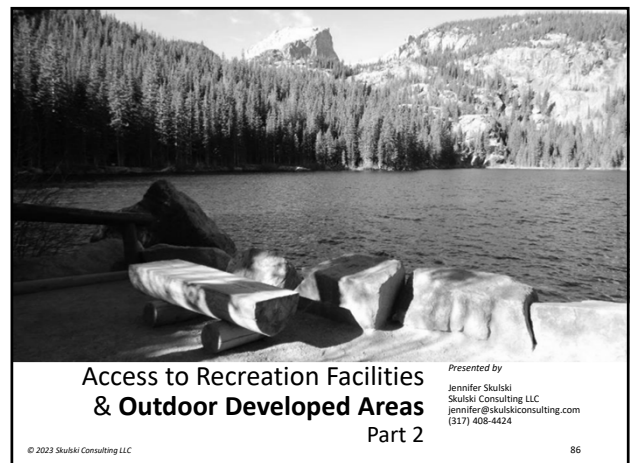
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84



85



86



## Beyond the Built Environment

Chapter 10	Outdoor Areas	Other
<ul style="list-style-type: none"> <li>Amusement rides</li> <li>Fitness equipment</li> <li>Boat slips &amp; boarding platforms</li> <li>Sports Courts/Fields</li> <li>Fishing piers &amp; platforms</li> <li>Golf</li> <li>Miniature golf</li> <li>Play areas</li> <li>Swimming pools</li> <li>Shooting positions</li> </ul>	<ul style="list-style-type: none"> <li>Outdoor facilities                             <ul style="list-style-type: none"> <li>Picnic areas</li> <li>Viewing areas</li> <li>Campgrounds</li> </ul> </li> <li>Trails</li> <li>Beaches</li> </ul>	<ul style="list-style-type: none"> <li>Shared use paths</li> <li>Public rights of way</li> </ul>

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87

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## Status of Rulemaking

	ADA (Americans with Disabilities Act)	ABA (Architectural Barriers Act)	Best Available Info
Recreation Facilities	✓ (Chapter 10)	✓ (Chapter 10)	
Outdoor Developed Areas		✓ (Chapter 10)	✓
Public Rights of Way (PROWAG)	✓	✓	
Shared Use Paths	✓	✓	

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## Outdoor Developed Areas

- Trails
- Camping facilities
- Picnic facilities
- Viewing areas
- Beach access routes



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### Outdoor Developed Areas

## Outdoor Constructed Features (1011)

- Picnic tables
- Fire rings, grills, fireplaces & wood stoves
- Trash and recycling receptacles
- Water hydrants
- Utility and sewage hookups
- Outdoor rinsing showers
- Benches
- Viewing scopes



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90

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### Outdoor Developed Areas

## Outdoor Constructed Features (1011)

- Number required to be accessible – camping, facilities, picnic facilities; viewing areas, trailheads, and trails (not scoped at beaches)
- Clear ground space – exception where feature is altered, but surface is not OR where conditional exceptions permit departures in alterations
- Size and location – addressed in a table for each element
- Surface – firm and stable
- Surface slope – 1:20 except asphalt, concrete, or boards = 1:48 maximum
- Openings = ½ inch maximum



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91

91

### Outdoor Developed Areas

## Outdoor Constructed Features (1011)

Outdoor Constructed Feature	Minimum size and location
Picnic tables	36 inches on all usable sides of the table measured from the back edge of the benches.
Fire rings, grills, fireplaces, and woodstoves	48 inches by 48 inches on all usable sides of the fire ring, grill, fireplace, and woodstove. Center the space on each usable side of the grill, fireplace, and woodstove.
Trash and recycling receptacles	36 inches by 48 inches positioned for forward approach to the receptacle opening; or 30 inches by 60 inches positioned for a parallel approach to the receptacle opening.
Water hydrants	72 inches by 48 inches with the long side of the space adjoining or overlapping an outdoor recreation access route or trail, as applicable, or another clear ground space. Locate the space so that the water spout is 11 inches minimum and 12 inches maximum from the rear center of the long side of the space.
Utility and sewage hookups	30 inches by 60 inches with the long side of the space adjoining or overlapping an accessible parking space or pull-up space for recreational vehicles. Locate the space so that the hook-ups are at the rear center of the space. Bollards or other barriers shall not obstruct the clear ground space in front of the hook-ups.
Outdoor rinsing showers	60 inches by 60 inches centered on the shower heads. Locate the space so that the shower pedestal or wall with the shower head are at the rear end of the space.
Benches	36 inches by 48 inches positioned near the bench with one side of the space adjoining an outdoor recreation access route or trail, as applicable. The clear ground space shall not overlap the outdoor recreation access route or trail, or another clear ground space.
Viewing Scopes	36 inches by 48 inches positioned for forward approach to the viewing scope. Provide knee and toe clearance complying with 306 under the viewing scope. Locate the space so that the eyepiece is centered on the space.

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## Outdoor Developed Areas

### Picnic Facility & Picnic Unit (F245)

- A picnic facility is a site, or a portion of a site, that is developed for outdoor recreational purposes and contains picnic units.
- A picnic unit is an outdoor space in a picnic facility that is used for picnicking and contains at least one outdoor constructed feature.

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## Outdoor Developed Areas

### Picnic Facilities (F245)

- 1 to 2 picnic facilities = each must be accessible
- 2 or more = 20%, but not less than 2 must be accessible
- Dispersed
- Connected by ORAR  
(accessible route for Title II facilities)
- Accessible features



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94

94

## Outdoor Developed Areas

### Picnic Tables (1011.4)

- 36" on all usable sides
- Wheelchair seating space 30 x 48" for each 24 linear ft
  - 9 ft tables = 1 wheelchair seating space
  - 10-12 ft tables = 2
- Knee clearance
  - 27" min height
  - 17" min depth

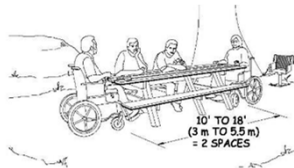


Figure 17—At least two spaces must be accessible at a 10- to 18-foot long picnic table.

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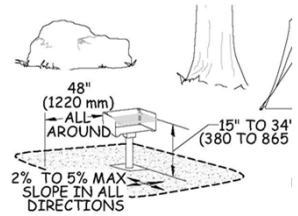
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95

## Outdoor Developed Areas

### Fire Rings & Grills (1011.5)

- Clear ground space 48 x 48" minimum on all usable sides
- Clear ground space centered on each usable side
- Cook surface height 15 to 34" max
- Operable parts – to extent practicable



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101

101

## Outdoor Developed Areas

### Fire Rings & Grills (1011.5)

- Raised edges/walls with 10" max depth
- Fire building surface 9 inches minimum above the clear ground space

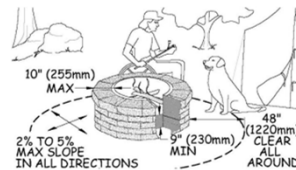


Figure 21—Requirements for custom-built fire rings.

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102

102

## Outdoor Developed Areas

### Fire Rings & Grills (1011.5)

- Connected to the ORAR or accessible route



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103

103

## Outdoor Developed Areas

### Trash & Recycling Receptacles (1011.2 - 3)

- Clear ground space
  - 36 X 48 – forward
  - 30 X 60 – parallel
- Positioned to receptacle opening
- Adjacent to an ORAR, trail (or accessible route)



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104

104

## Outdoor Developed Areas

### Water Hydrants (1011.2, 1011.3, and 1011.6)

- 48 by 72 inches
- Located so that water spout is 11" min and 12" max from the rear center of the long side of the space
- Adjoining ORAR, trail, or another clear space
- Water spouts – 28 to 36" max
- Operable parts – comply with reach ranges only
- Comply with requirement for tight grasp, twisting, or pinching with one hand (309.4) to the extent practicable

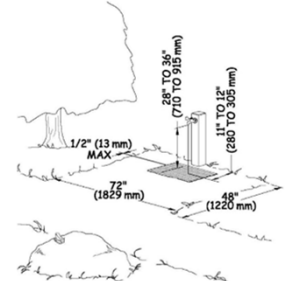


Figure 29—Technical requirements for water hydrants.

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105

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## Outdoor Developed Areas

### Outdoor Rinsing Showers (1011.7)

- 60 x 60 inch clear ground space centered
- Located with the shower pedestal at rear end of the space
- At least one handheld or fixed head = 48 inches minimum
- Operable control



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106

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## Outdoor Developed Areas

### Utility & Sewage Hook Ups (1011.2, 1011.3, and 1011.6)

- 30 inches by 60 inches
- Locate space so that the hook-ups are at the rear center
- No bollards in the clear ground space



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107

107

## Outdoor Developed Areas

### Benches (1011.2)

- 36 x 48" clear floor space adjacent and connected to ORAR or trail
- Back support and arm rests are recommended



Figure 11—A bench is an example of an outdoor constructed feature along a trail.

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108

108

## Outdoor Developed Areas

### Scenic Viewing Areas (1011, 1015)

- Clear ground space at least 36 by 48 inches at each distinct viewing location
- Clear view 32 to 51 inches above the ground extending the full width of the clear ground space
- Adjoining ORAR or trail



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109

109

## Outdoor Developed Areas

### Camping Facilities

- Camping facility is developed for outdoor recreational purposes that contains camping units.
- Camping unit – outdoor space in a camping facility that contains outdoor constructed features, RV parking spaces, tent pads or tent platforms, or camp shelters.



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116

116

## Outdoor Developed Areas

### Camping Facilities

- Applies to each type of camping unit provided
- Dispersed accessible units
- # of accessible units with mobility features based on the total number of camping units (similar to scoping for parking)



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117

117

## Outdoor Developed Areas

### Camping Facilities – Accessible Units with Mobility Features (1012-1014)

- Connected by ORAR (accessible route)
- With accessible outdoor constructed features
  - Multiple features within accessible units; at least 2
- Outdoor constructed features in common uses areas serving accessible camping units a minimum of 20% accessible



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118

118

## Outdoor Developed Areas

### Camping Facilities – Alterations & Additions

- Where camping units are altered or added, requirements apply only to units altered or added...
- Until the number of camping units with mobility features complies with the minimum number required in Table F244.2.

Total Number of Camping Units Provided in Camping Facility	Minimum Required Number of Camping Units with Mobility Features
1	1
2 to 25	2
26 to 50	3
51 to 75	4
76 to 100	5
101 to 150	7
151 to 200	8
201 and over	8, plus 2 percent of the number over 200

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## Outdoor Developed Areas

### Camping Facilities – RV (1012)

- Parking spaces within accessible camping units
  - RV space 20 ft wide minimum
  - Exception - 16 ft where two adjacent spaces are provided
  - Other vehicles – 16 ft wide minimum
  - Surface – firm and stable
  - Slope - 1:20 maximum, except asphalt, concrete, or boards = 1:48



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121

121

## Outdoor Developed Areas

### Camping Facilities – Tent Platforms (1013)

- Floor height where elevated at entrance - 19 inches maximum above ground
- Where level entry or ramped entry is provided – turning space required
- 36 inches minimum by 48 inches minimum space
- Surface – firm and stable
- Slope – 1:20 maximum, except asphalt, concrete, or boards = 1:48
- Conditional exceptions permitted in new and altered



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122

122

## Outdoor Developed Areas

### Camping Facilities – Tent (1013)

- Tent pads and tent platforms
- 48 inches space on all usable sides, exception where conditional exceptions apply
- Surface is stable and firm
- Slope is 1:20 max; except asphalt, concrete, or boards is 1:48
- Tent platform – 19 inches maximum above surface



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123

123

### Resources

- Summaries of Accessibility Guidelines for Recreation Facilities  
<https://www.access-board.gov/guidance.html#guidance-on-recreation-facilities>
- Guide for Outdoor Developed Areas  
<https://www.access-board.gov/aba/guides/chapter-10-outdoor/#introduction>
- Accessibility Online Webinar Archives  
[www.accessibilityonline.org](http://www.accessibilityonline.org)
- ADA Checklists  
[www.adachecklists.org](http://www.adachecklists.org)



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124

124