

# Welcome to the AccessibilityOnline Webinar Series



A collaborative program between the  
ADA National Network and the  
U.S. Access Board



**The Session is Scheduled to begin at 2:30pm Eastern Time**  
**We will be testing sound quality periodically**

**Audio and Visual are provided through the on-line webinar system. This session is closed captioned.** Individuals may also listen via telephone by dialing 1-712-432-6297 code 510110# (This is **not** a Toll Free number)

The content and materials of this training are property of the US Access Board and the Great Lakes ADA Center and cannot be used and/or distributed without permission. This program is funded through a contract agreement with the U.S. Access Board. For permission to use training content or obtain copies of materials used as part of this program please contact us by email at [adata@adagreatlakes.org](mailto:adata@adagreatlakes.org) or toll free (877)232-1990 (V/TTY)

[www.AccessibilityOnline.org](http://www.AccessibilityOnline.org)

1



## Listening to the Webinar



- The audio for today's webinar is being broadcast through your computer. Please make sure your speakers are turned on or your headphones are plugged in.
- You can control the audio broadcast via the Audio & Video panel. You can adjust the sound by "sliding" the sound bar left or right.
- If you are having sound quality problems check your audio controls by going through the Audio Wizard which is accessed by selecting the microphone icon on the Audio & Video panel



2



## Listening to the Webinar, *continued*

If you do not have sound capabilities on your computer or prefer to listen by phone, dial:

**1-712-432-6297**

Pass Code:  
**510110#**

This is **not** a Toll Free number

3



## Listening to the Webinar, *continued*

MOBILE Users (iPhone, iPad, or Android device and Kindle Fire HD)

Individuals may listen\*\* to the session using the Blackboard Collaborate Mobile App (Available Free from the Apple Store, Google Play or Amazon )



\*\*Closed Captioning is not visible via the Mobile App and limited accessibility for screen reader/Voiceover users

4



## Captioning

- Real-time captioning is provided during this webinar.
- The caption screen can be accessed by choosing the  icon in the Audio & Video panel. ↓



- Once selected you will have the option to resize the captioning window, change the font size and save the transcript.

5



## Submitting Questions

- **You may type and submit questions in the Chat Area Text Box or press Control-M and enter text in the Chat Area**
- **If you are connected via a mobile device you may submit questions in the chat area within the App**
- **If you are listening by phone and not logged in to the webinar, you may ask questions by emailing them to [webinars@accessibilityonline.org](mailto:webinars@accessibilityonline.org)**



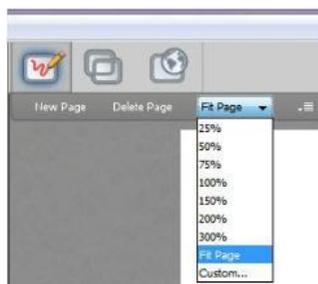
**Please note:** This webinar is being recorded and can be accessed on the AccessibilityOnline website at [www.accessibilityonline.org/Archives](http://www.accessibilityonline.org/Archives) within 24 hours after the conclusion of the session.

6



## Customize Your View

- Resize the Whiteboard where the Presentation slides are shown to make it smaller or larger by choosing from the drop down menu located above and to the left of the whiteboard. The default is “fit page”



7



## Customize Your View *continued*

- Resize/Reposition the Chat, Participant and Audio & Video panels by “detaching” and using your mouse to reposition or “stretch/shrink”. Each panel may be detached using the  icon in the upper right corner of each panel.

8

## Setting Preferences

- Depending on your system settings you may receive visual and audible notifications when individuals enter/leave the webinar room or when other actions are taken by participants. This can be distracting.
- To turn off notifications (audible/visual)
  - Select “Edit” from the tool bar at the top of your screen
  - From the drop down menu select “Preferences”
  - Scroll down to “General”
    - select “Audible Notifications” Uncheck anything you don’t want to receive and “apply”
    - Select “Visual Notifications” Uncheck anything you don’t want to receive and “apply”
  - For Screen Reader User – Set preferences through the setting options within the Activity Window (Ctrl+slash opens the activity window)

9



## Technical Assistance



- If you experience any technical difficulties during the webinar:
  1. Send a private chat message to the host by double clicking “Great Lakes ADA” in the participant list. A tab titled “Great Lakes ADA” will appear in the chat panel. Type your comment in the text box and “enter” (Keyboard - F6, Arrow up or down to locate “Great Lakes ADA” and select to send a message ); or
  2. Email [webinars@accessibilityonline.org](mailto:webinars@accessibilityonline.org) ; or
  3. Call 877-232-1990 (V/TTY)

10

# Recreation Facilities



11



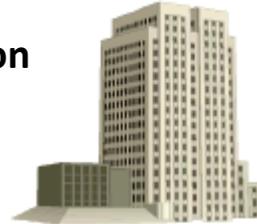
**Bill Botten**  
Accessibility Specialist

12

## ADA Coverage

### Private sector (title III)

- Places of Public Accommodation
- Commercial Facilities



### Public Sector (title II)

- State & Local Government Facilities
- Public transit facilities (titles II & III)

13

## ABA Coverage

**Applies to facilities designed, built, altered or leased with Federal funds**

- Federal buildings (e.g., post offices)
- Non-Federal buildings (e.g., school built with Federal money)

14

## Recreation Facility Guidelines

- Amusement rides
- Boating facilities
- Fishing piers and platforms
- Sports facilities
- Play areas
- Golf courses
- Miniature golf courses
- Swimming pools, wading pools, and spas



"For the very first time, these rules will cover recreational facilities like amusement parks and marinas and gyms and golf facilities and swimming pools, and municipal facilities like courtrooms and prisons," Obama stated.

15

## Existing facilities

*A facility in existence  
on any given date...*

16

## **What Standards Apply to ADA Existing Facilities?**

- **Title II — Program  
accessibility**
- **Title III — Readily  
achievable barrier removal**

***For more information, contact DOJ  
@ 800 514-0301***

17

## **Amusement Rides**

**§234 & §1002**

18

# Amusement rides

- One of the following per ride
  - Wheelchair space OR
  - Ride seat designed for transfer OR
  - Use of a transfer device
- YOUR CHOICE



19



E  
X  
C  
E  
P  
T  
I  
O  
N  
S

20

## Other provisions

- Accessible route to load/unload areas
- Alterations provisions
- Signage



21



22

# Recreational Boating Facilities

§235 & §1003

23

## Recreational Boating Facilities §235

- Number of boat slips required to be accessible (based on the number of slips provided)
- Dispersion of accessible boat slips throughout the various types provided
- Number of boarding piers at boat launch ramps required to be accessible.

24

## Technical Provisions §1003

- Fixed and floating facilities
- Accessible routes
- Gangways
- Accessible boat slips
- Boarding piers at boat launch ramps



25

## Gangway Slope

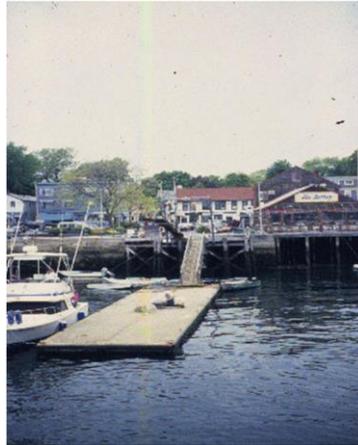
- Gangway slope – connecting floating facilities
  - Design for 1:12 maximum slope OR provide at least an 80 foot gangway



26

## Gangway – Small Facilities

Less than 25 boat slips, the slope of the gangway may exceed 1:12 (8:33%), if the gangway is at least 30 feet long



27

## Transfer Methods



**Not required by the standards**



28

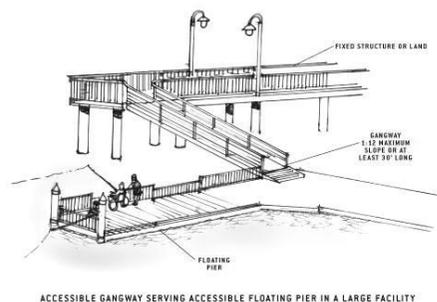
# Fishing Piers and Platforms

## §237 & §1005

29

## Fishing piers and platforms

- Accessible routes serving floating piers/platforms
- Use boating gangway exceptions
- Design gangway to 1:12 OR provide up to a 30 ft. gangway



30

## Fishing piers and platforms

- Railings - Where provided
- Maximum 34 inch height for 25% of the railing
- Lowered railing dispersed
- Exception: where a guard is provided which complies with ICC/IBC



31

## Fishing piers and platforms

- Edge protection where railings are provided
- 2 inch minimum
- 30 inches x 48 inches clear space
- At least one maneuvering space

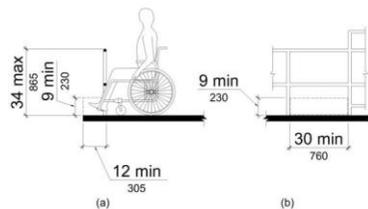


Fig. 62  
Edge Protection at Fishing Piers

32

# Play Areas

## §240 & §1008



33

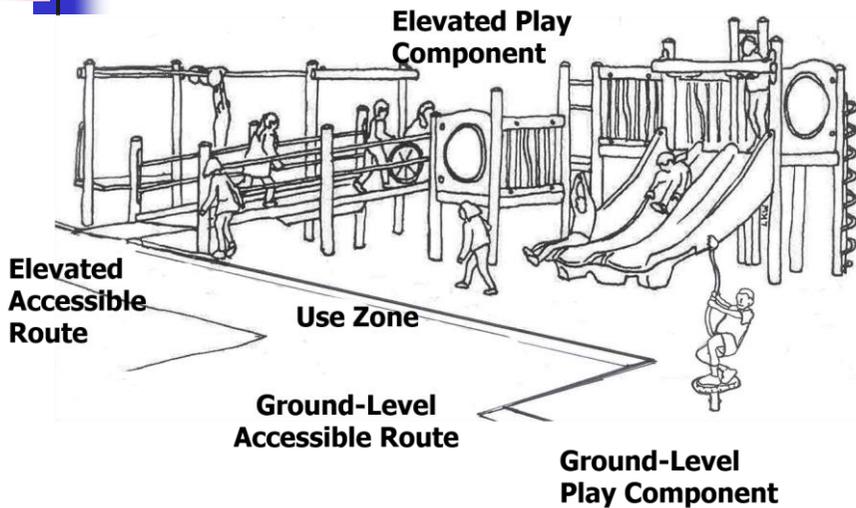
### The play area standards do not apply to:

- Play areas designed for children under 2 years old
- Family childcare facilities where the proprietor resides
- Amusement attractions



34

## Play Area Terms



35



## Ground Level Accessible Routes

- Surface
- Clear width
- Clear width reductions
- Changes in level
- Running Slope
- Cross Slope
- Openings
- Protruding Objects

36

## Ground level play components

- **Approached and exited at ground level**
- **One of Each Type**



37

## Elevated play components

- **Approached from elevated level**
- **Attached to composite play structure**
- **Components**  
(counted once)



38

# Minimum Number of Elevated Components

50% of all elevated play components in a play area must be reached by an accessible route



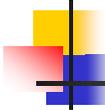
Less than 20 elevated components: ramp and/or transfer = 50%



20 or more elevated components: 25 % ramp + 25% ramp and/or transfer = 50%

39

# Determining Ground or Elevated



40

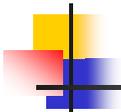
## Referenced standards



- **ASTM F 1487-01** - Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.
- **ASTM F 1292- 99 or 04** - Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment.
- **ASTM F 1951-99** - Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment
- Use of “Equivalent facilitation” for more recently published versions of these standards

41

## Surface inspection and maintenance



**Accessible ground surfaces must be inspected and maintained regularly & frequently to ensure continued compliance with ASTM 1951-99.**



42



# Longitudinal Assessment NCA Playground Surface Study



## Longitudinal Study on Playground Surfaces

### Surfacing the Accessible Playground

## 7 Things Every Playground Owner Should Know About the Accessibility of Their Playground Surfaces

2016 A publication of the U.S. Access Board and the National Center on Accessibility

**1** Start with comprehensive planning and site selection.

**2** Follow the Accessibility Standards for Play Areas.

**3** Review the research findings about accessibility issues for play surfaces.

**4** Assess during the planning, installation and maintenance phases.

**5** Compare surface options.

**6** Recognize that proper installation of play surface systems is key.

**7** Commit to ongoing maintenance of accessible playground surfaces as a responsibility of ownership.

### Selecting an Accessible Play Surface Is One of the Most Important Decisions

The U.S. Census Bureau's American Community Survey (2014) estimates there to be 2.8 million school-aged children with disabilities in the United States. The Census Bureau (2009) estimates that one in every seven American families is affected by disability. For children with and without disabilities, the community playground can facilitate a positive environment for physical activity and inclusion. Today, lack of physical activity is considered one of the leading factors contributing to poor health among children. The neighborhood playground fulfills a critical role in community wellness, enabling children to play with friends and burn calories at the same time.

When the playground has barriers prohibiting use by a child with a disability, the opportunity for play and physical activity is lost. Inaccessible surfaces can pose barriers for children with disabilities who may use canes, crutches, walkers or wheelchairs from amputating through the play area. Pushing a wheelchair over loose gravel or sand requires tremendous physical effort. When so much effort is exerted, little to no energy is left for play.

The presence of physical barriers can prevent children with disabilities from accessing all play elements on the playground. Most significantly, inclusive play between children with disabilities and children without disabilities is threatened when the playground does not have accessible equipment and surfaces. Physical barriers also



prohibit adult caregivers with disabilities from engaging with their children and/or responding when a child is in need of assistance.

Recreation professionals and playground owners are confronted with questions of how to install and maintain safe and accessible public playgrounds that are fun, promote inclusion and physical activity, are cost effective and able to withstand a full life cycle of public use.

Choosing play surfaces that are accessible and that can be maintained as accessible surfaces, becomes one of the most important decisions during the playground planning and design phases. The purpose of this guide is to provide practical information that every public playground owner should know about the accessibility of their playground surfaces.

## Natural feature play components



45

## Water Play Components



**Ground level access  
and transfer access  
to elevated play  
components  
required**



46

# Soft Contained Play Structure Entry Points

A play structure made of one or more components where the user enters a fully enclosed environment that utilizes pliable materials, such as plastic, netting, or fabric.



Transfer system permitted



▪3 or fewer entry points = 1 on accessible route

▪4 or more entry points = 2 on accessible route

# Access Board Resources

- TA Guide
- FAQ's
- Webinars
- *Access Currents*
- Completed Research



Online Guides to the ADA /ABA Standards

# Sports facilities

( area of sport activity, exercise equipment, player team seating, bowling facilities, shooting facilities, saunas and steam rooms)

49

## Sports facilities

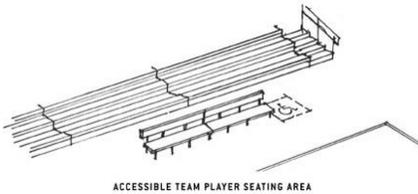
- **Area of sport activity =That portion of a room or space where the play or practice of sport occurs**
- **Accessible route to each area of sport activity**
- **Exempt from firm, stable, and slip resistant surface provision**



50

## Team player seating areas

- Platform lift permitted



51

## Area of sport activity

**Court Sports –**

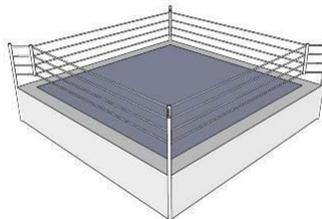
**Accessible route to directly connect both sides of the court**



52

## General Exceptions

- Recreation Facilities
- Raised structures used solely for refereeing, judging, or scoring a sport
- Raised boxing/ wrestling rings
- Water slides and raised diving boards/ platforms
- Animal containment areas not open to the public



53

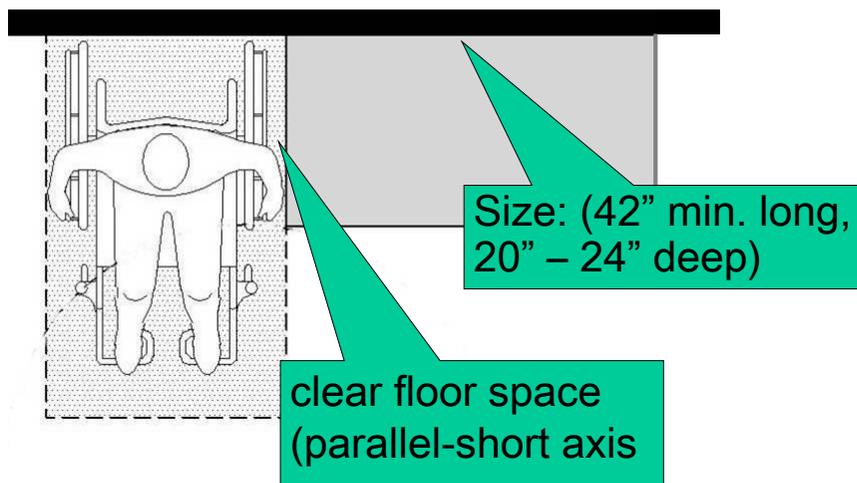
## Dressing, Fitting, & Locker Rooms

Access to at least 5% of each type of locker, in each cluster.



54

## [changing] Benches (§903)



55

## Saunas and Steam Rooms

- Where provided in a cluster, at least 5%, not less than one
- Turning space within the room—may be obstructed by readily removable seats
- Door swing can not swing into clear floor/ground space for bench



56

## Exercise equipment and machines

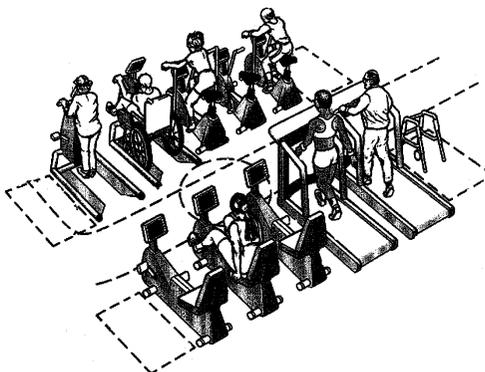
- At least one of each type of equipment or machines
- No requirement to modify equipment
- Clear space at equipment
- Controls and operating mechanisms exempt



57

## Exercise equipment and machines

- Provide a 30 in x 48 in clear space and be served by accessible route
- Positioned for use by an individual using a mobility device
- Clear floor space or ground space for more than one piece of equipment permitted to overlap



58

# Golf facilities

## §238 & §1006

59

## Golf facilities

### TECHNICAL PROVISIONS

### §1006

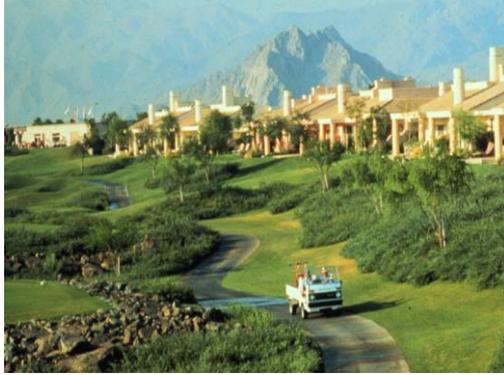
- Golf car passage
- Teeing grounds
- Putting greens
- Weather shelters
- Practice facilities



60

## Golf courses

- In lieu of a compliant accessible route
- Golf car passage –  
“Continuous passage on which a motorized golf car can operate”
- 48 inch minimum width
- 60 inches min. width if handrails are provided



61

## Golf courses

- Putting greens –  
each putting green  
designed and  
constructed so that a  
golf car can enter  
and exit



62

## Driving ranges

- Where teeing stations or practice teeing grounds are provided, at least 5%, not less than one



63

## Accessible Golf Cars

DOJ Advance Notice of Proposed Rulemaking on  
Equipment and Furniture (ANPRM)

Comment period closed January 24, 2011

*Available for public review at*

**[www.regulations.gov](http://www.regulations.gov)**



64

## Miniature Golf facilities §239 & §1007



65

## Miniature golf course configuration

- 50% of holes required to be accessible and consecutive
- Exception permits one break, provided the last hole is included
- AR can not travel back through completed holes



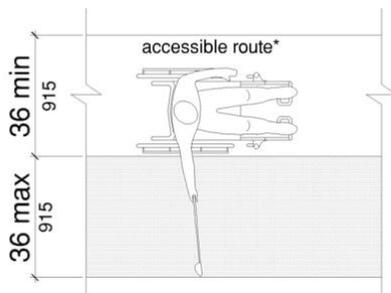
66

# Miniature golf

- Accessible route may be provided on the playing surface or adjacent to

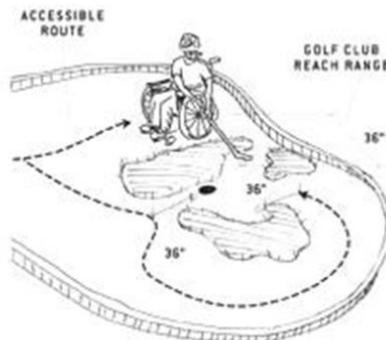


# Golf club reach range



\*Note: 1:20 maximum slope

Fig. 63  
Golf Club Reach Range



EXAMPLES OF GOLF CLUB REACH RANGES  
ON PLAYING SURFACE

68

# Swimming pools and Spas

§242 & §1009

69

## Swimming pools (§242.2)

- Required means of access into the water
  - Over 300 linear ft of pool wall = 2 (one primary)
  - Less than 300 linear ft of pool wall = 1
  - lift or sloped entry

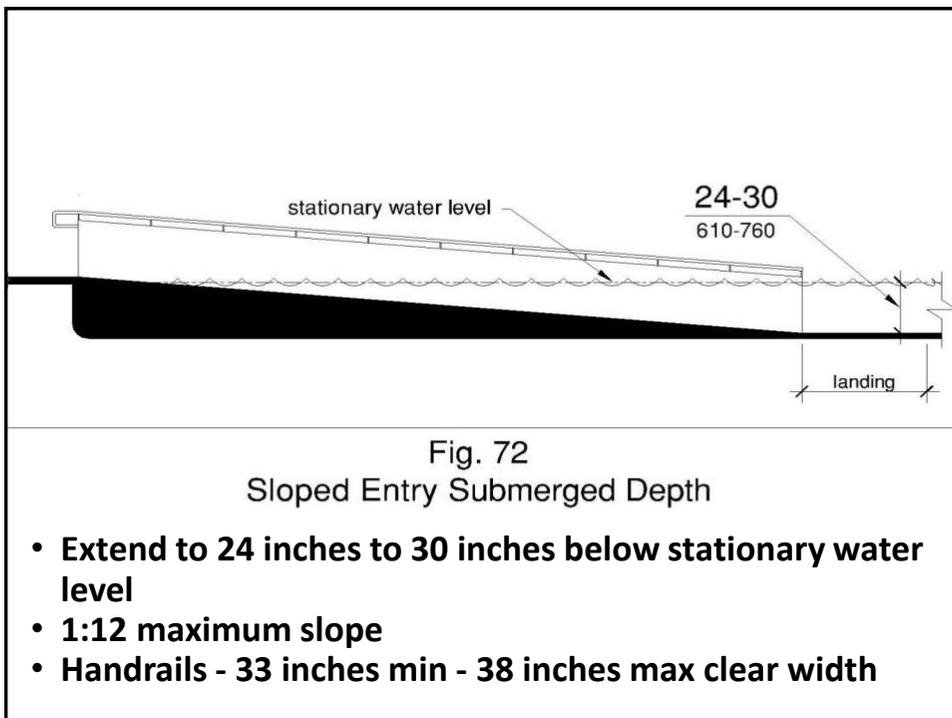


70

PERMITTED MEANS OF POOL ACCESS					
POOL TYPE	SLOPED ENTRY	LIFT	TRANSFER WALLS	TRANSFER SYSTEMS	STAIRS
Swimming (less than 300 linear feet of pool wall)	✓	✓			
Swimming (300 or more linear feet of pool wall) —two means of entry required	✓*	✓*	✓	✓	✓
Wave action, leisure river, and other pools where user entry is limited to one area	✓	✓		✓	
Wading pools	✓				
Spas		✓	✓	✓	

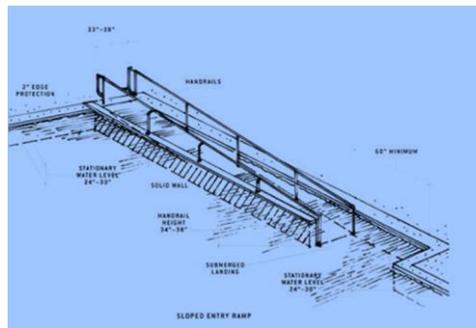
\*Primary means must be by sloped entry or lift, secondary means can be any of the permitted types.

71



## Sloped entries

- Handrail height - 34 and 38 inches to the top of the gripping surface
- Handrail extensions required at top landing but not at the bottom



73

## Pool lift location (§1009.2.1 )

- Located where water does not exceed 48 inches
  - Exception - Where the entire pool depth is greater than 48 inches
  - No more than one required to be located in an area where the water level is 48 inches maximum



74

## Pool lift (§1009.2.6)

- Armrests – if provided opposite water shall be removable or fold in raised or load position
- Footrests – **must** be provided and move with seat



75

## Pool Lift Operation (§1009.2.7)

Capable of unassisted operation – both deck and water



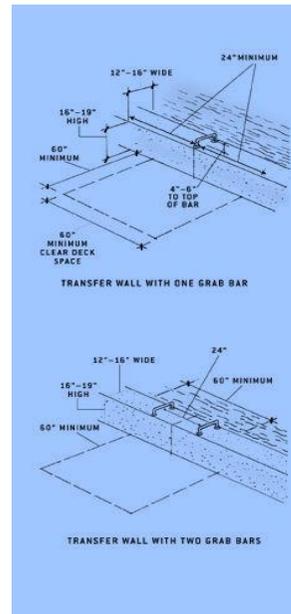
76



77

## Transfer walls (§1009.4.1 & §1009.4.2)

- Clear deck space -
- 60 inches x 60 inches  
slope 1:48 maximum
- Height – 16 inches to 19 inches



78

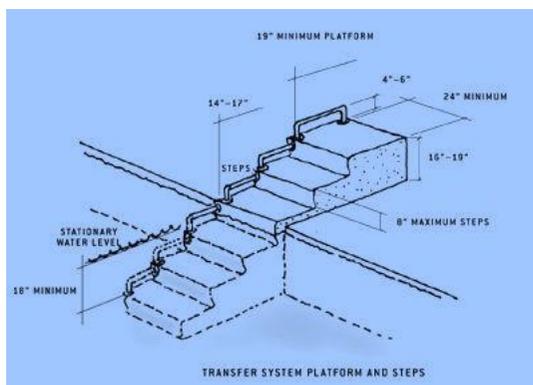
## Grab Bars (§1009.4.5)

- At least one
- Perpendicular to the pool wall and full depth of the transfer wall
- Gripping surface 4 to 6 inches above transfer walls.
- Where two grab bars - clearance between grab bars 24 inches minimum



79

## Transfer system (§1009.5.1)

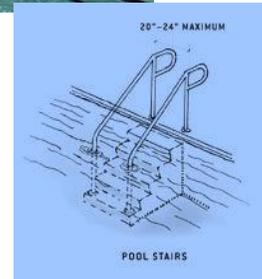


- Platform
  - 19 in min depth
  - 24 in clear width
  - 16 in to 19 in height
- Surface – not sharp and rounded edges

80

## Pool stairs (§1009.6)

- Comply with stairs provisions, except as modified
- Handrail width 20 to 24 inches
- Extensions not required at bottom landing



81

## Spas (§242.4)

- At least one means of entry:
  - Lift - footrests not required
  - Transfer wall
  - Transfer system
- Where provided, in a cluster, 5% but not less than one



82

## Technical Assistance

- Publications and guides
- On-line guide
- Newsletter
- Webinar series



83

## Where to direct questions



### U.S. Department of Justice

- Implementing regulation and additional requirements
- Requirements for existing facilities – title II & III

(800) 514-0301 (voice)  
 (800) 514-0383 (TTY)  
[www.ada.gov](http://www.ada.gov)



### U.S. Access Board

- 2010 Accessibility Standards for new construction and alterations

(800) 872-2253 (voice)  
 (800) 993-2822 (TTY)  
 (202) 272-0081 (FAX)  
[ta@access-board.gov](mailto:ta@access-board.gov)  
[www.access-board.gov](http://www.access-board.gov)

84

# Questions?

You may type and submit questions in the  
Chat Area Text Box or press Control-M  
and enter text in the Chat Area

85



## Continuing Education



**AIA Provider Number:** I017

**Course Title:** Recreation Facilities – A Refresher

**AIA Course Number:** GL20180503

**Date:** May 3, 2018

Credits earned on completion of this course will be reported to **AIA CES** for AIA members. Certificates of Completion are available upon request.

This course is registered with **AIA**, for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the professional organizations of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product.

86

**Thank you for participating  
in today's webinar**



**Next session:**



**Accessible Airport Terminals**

**June 7, 2018**

**[www.accessibilityonline.org](http://www.accessibilityonline.org)**

**(877) 232-1990 (v/TTY)**

87