#### Beyond the Minimums: Accessibility Webinar Series / Part 2: Splish Splash! Dive into Creating Accessible Aquatic Facilities



The session is scheduled to begin at 2:00 p.m. Eastern Time. Audio and visuals are provided through the online webinar system. This webinar includes real-time captioning.



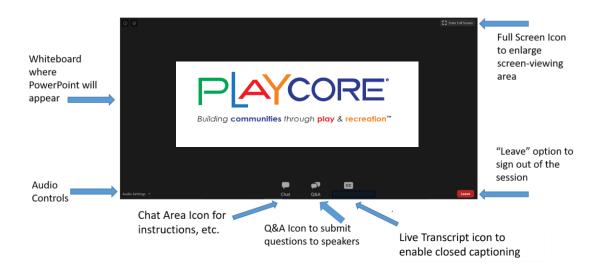
**Bill Botten** Accessibility Specialist *PlayCore* Presenter



Jennie Sumrell Community Outreach Director *PlayCore/CORE* (Moderator)



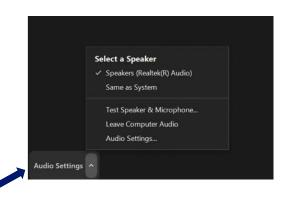
# **ZOOM Webinar Interface**



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# Listening to the Webinar via Your Computer

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# Submitting Questions

- Questions should be submitted via the QUESTION AREA (ICON). You will have the option to submit your question "anonymously"
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Please note: This webinar is being recorded. The video recording and the transcript will be available on the learning system. Go to event details to access the recording. Go to the handouts tab to access the transcript.

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#### To: All panelists ~ Your text can only be seen by panelists



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Our Research Institute is comprised of leading experts, universities, and research centers who are committed to helping us investigate, discover, and translate information that informs our services. Through our trusted partnerships, we publish fieldtested best practices across a variety of play and recreation disciplines.

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#### CORE | PROFESSIONAL DEVELOPMENT HUB

CORE's Professional Development Hub combines research and resources to offer world-class learning opportunities where professionals can share learnings and earn Continuing Education Units (CEUs) through a variety of tailored events and diverse topics.

CORE's 2024 Accessibility Series offers 1.25 ADA Coordinator Training Program Electives and 0.1 NCTRC Pre-Approved CTRS Credits.

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SEMINARS & WORKSHOPS

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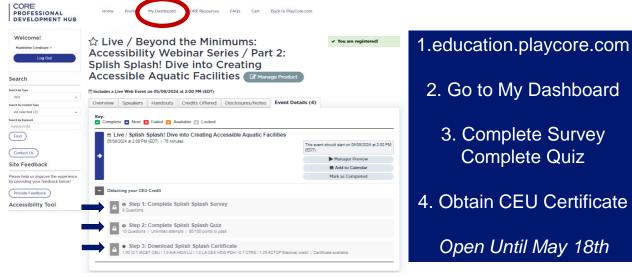


#### CORE | DATA SERVICE LAB

We are passionate about raising national awareness and helping local communities share the positive impact they're making on health and wellness and measuring their impact on the community's vitality.

Demonstrate Community Impact: playcore.com/nds

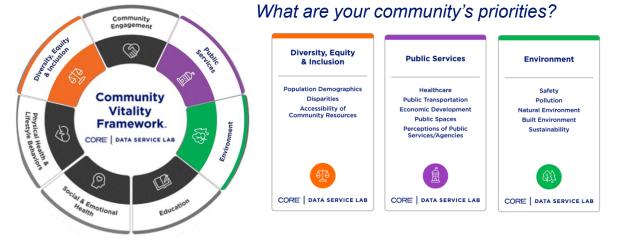
# Steps to Receive Continuing Education Credit



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#### CORE

### **Telling Your Impact Story: Community Vitality**





1. Identify the ADA Standards for Accessible Design minimum technical requirements that address independent access to newly constructed and altered aquatic facilities.

# **Learning Objectives**



2. Describe the application of accessibility requirements for an accessible means of entry for pool lifts, sloped entries, transfer steps, transfer walls, and accessible pool stairs.

3. Discuss Strategies for Going Beyond Minimum accessibility Requirements that foster the creation of inclusive aquatic recreation spaces.



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4. Give examples of resources that include design enhancements for creating accessible aquatic facilities that support a diverse range of visitors.

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Beyond the Minimums: Accessibility Webinar Series / Part 2: Splish Splash! Dive into Creating Accessible Aquatic Facilities (cont.)

#### Presented by:



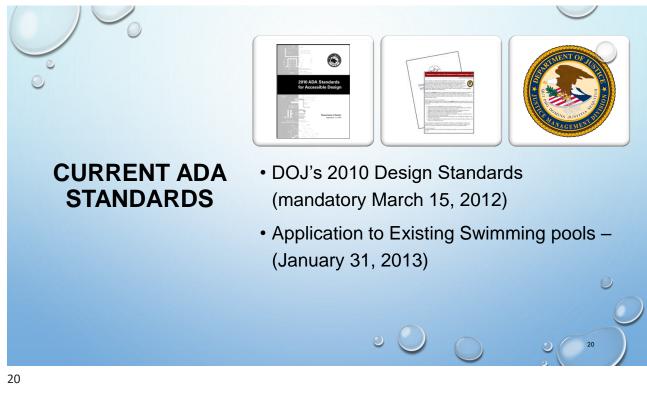


Bill Botten Accessibility Specialist *PlayCore* bill.botten@playcore.com

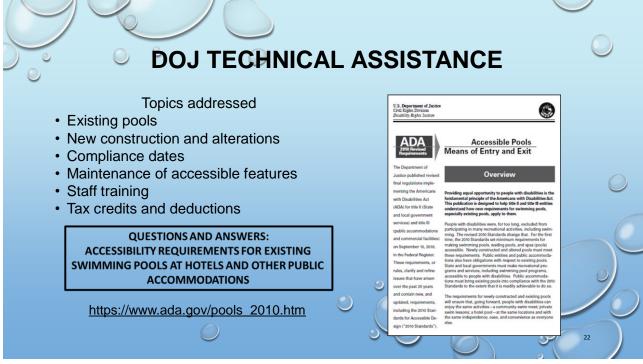








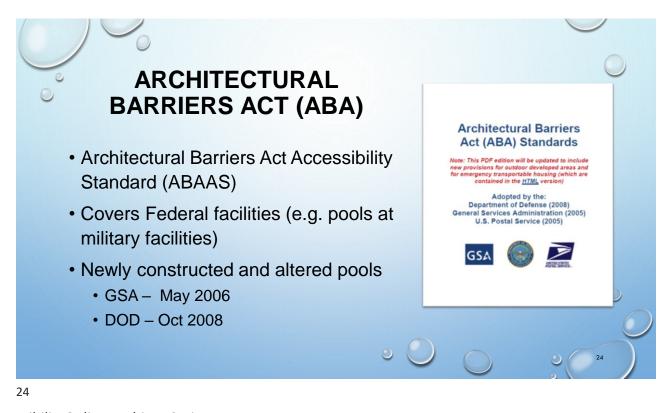


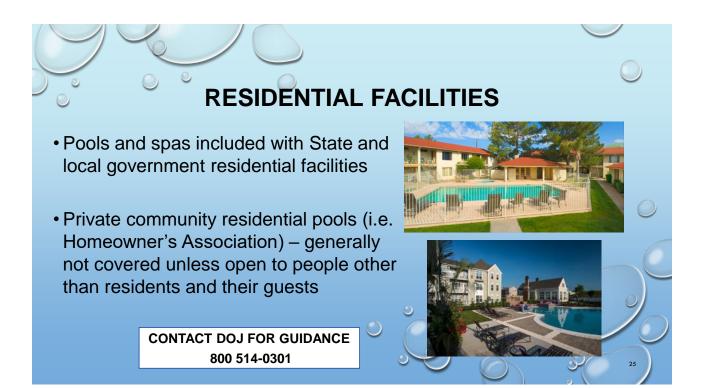


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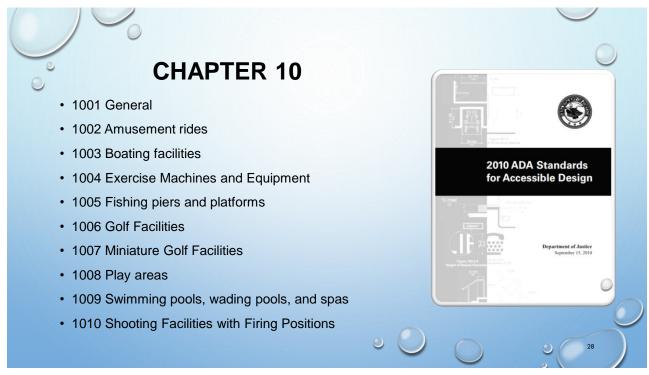
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# LOCATING PROVISIONS

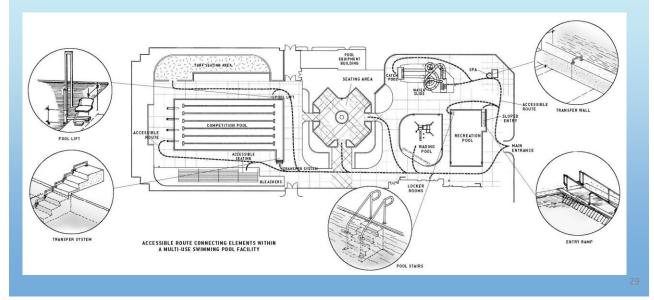
- Table of Contents
- ADA Application and Scoping
  - ADA Chapter 1: Application and Administration
  - ADA Chapter 2: Scoping Requirements
- Technical Chapters
  - · Chapter 3: Building Blocks
  - Chapter 4: Accessible Routes
  - Chapter 5: General Site and Building Elements
  - Chapter 6: Plumbing Elements and Facilities
  - Chapter 7: Communication Elements and Features
  - Chapter 8: Special Rooms, Spaces and Elements
  - Chapter 9: Built-In Elements
  - Chapter 10: Recreation Facilities





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#### GATE HARDWARE (§404.2.7 EXCEPTION 2)

- Access gates in barrier walls and fences protecting pools, spas, and hot tubs
- Operable parts of the release of latch on self-latching devices at 54 inches maximum





#### PERMITTED MEANS OF POOL ENTRY

POOL TYPE	SLOPED ENTRY	POOL LIFT	TRANSFER WALLS	TRANSFER SYSTEMS	STAIRS
Swimming pools < 300 linear ft. pool wall	x	x			
Swimming pools > 300 linear ft. pool wall (2 means of entry req.)	x*	x*	х	x	x
Wave action, leisure river, & other pools where user entry is limited to one area	x	x		x	
Wading pools	х				
Spas		х	x	x	

\*Primary means must be a sloped entry or pool lift, secondary means of entry can be any permitted type

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- Primary means of access into the water: Pool lift or Sloped entry
  - Large Pools
    - over 300 linear ft of pool wall
    - 2 means of entry, at least 1 primary (pool lift/sloped entry)
  - Small Pools
    - Less than 300 linear ft of pool wall
    - 1 means of entry
    - must be pool lift or sloped entry





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#### **ALTERNATIVES/NONCOMPLIANT**

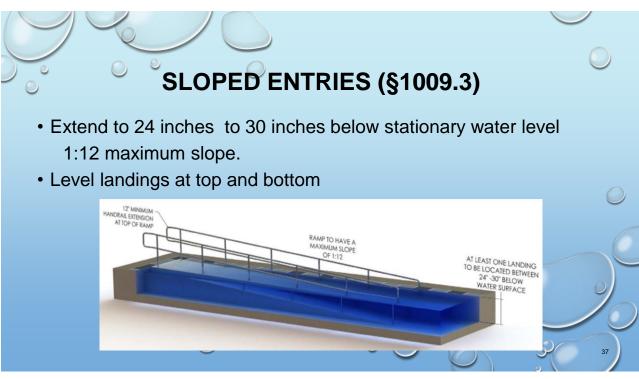




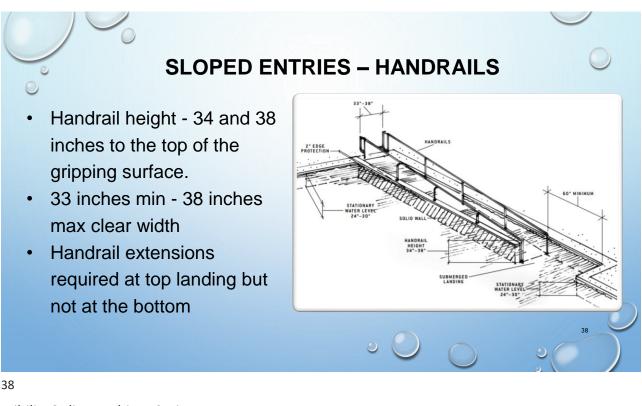
- Provide minimum number of compliant means of entry
- Additional noncompliant means of entry may be provided (after minimum has been met)
- Therapeutic settings
  - Pool lifts with slings instead of seats
  - Platform lifts

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# **SLOPED ENTRIES – USE**



# POOL LIFT LOCATION (§1009.2.1)

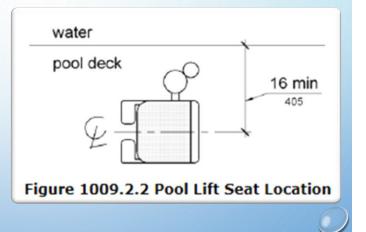
- Located where water does not exceed 48
  inches
  - Exception Where the entire pool depth is greater than 48 inches
  - No more than one required to be located in an area where the water level is 48 inches maximum



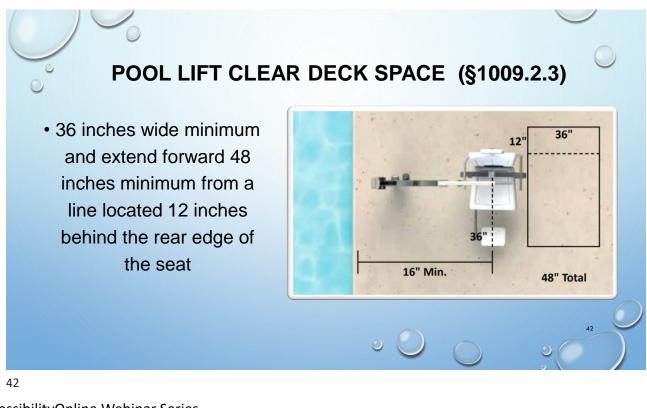
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#### POOL LIFT SEAT LOCATION (§1009.2.2)

- In raised position, the centerline of the seat - 16 inches minimum from the edge of the pool.
  - On the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat.
  - Seat height 16 19 inches maximum from deck to top of seat surface



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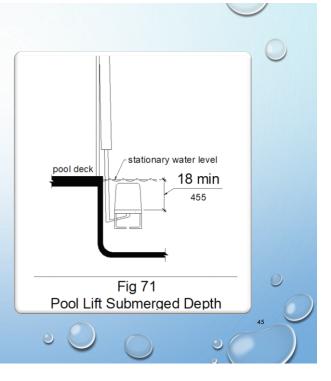






#### SUBMERGED DEPTH (§1009.2.8)

Lift must be designed so that the seat will submerge to a water depth of 18 inches minimum below the stationary water level



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# LIFTING CAPACITY (§1009.2.9)

- Weight capacity of 300 pounds. (136 kg) minimum
- Capable of sustaining a static load of at least one and a half times the rated load



#### "PORTABLE" VS. "FIXED" POOL LIFT

- "Fixed" vs. "Non-fixed"
- A fixed lift means that the lift is attached to the pool deck or apron in some way.
- A portable lift that is attached to the pool deck would be considered a fixed lift.



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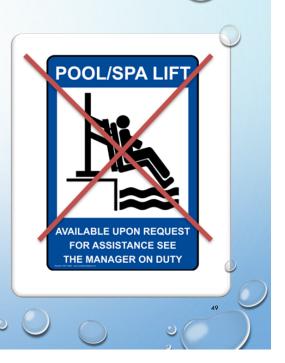
# MULTIPLE POOLS ON THE SAME SITE

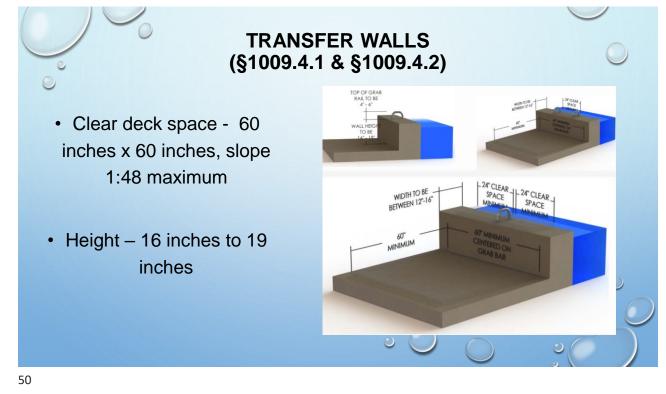
- What if I have two pools or a pool and a spa? Can I share a lift between pools?
  - No, each body of water needs its own means of entry in new construction unless exempted or undue hardship



#### AVAILABILITY OF POOL LIFTS

- Do I have to leave my pool lift out at poolside when my pool is closed?
  - No, if the pool is closed to all access is not required
- Can I store my lift and bring it out only when it is requested by a person with a disability?
  - No, lift must be readily accessible for independent use when facility is open.



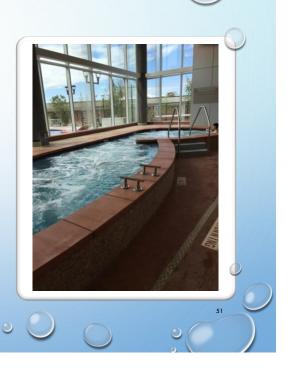


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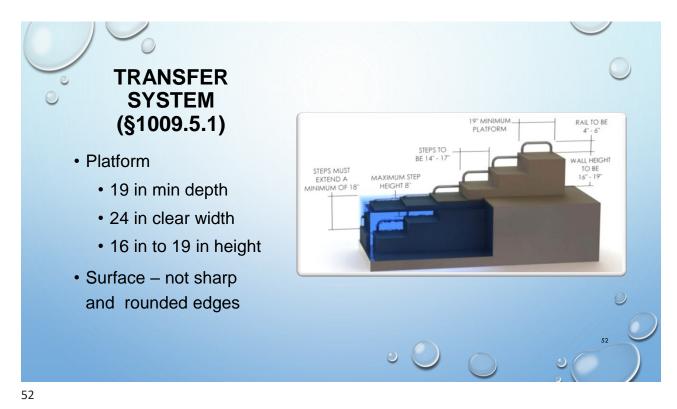
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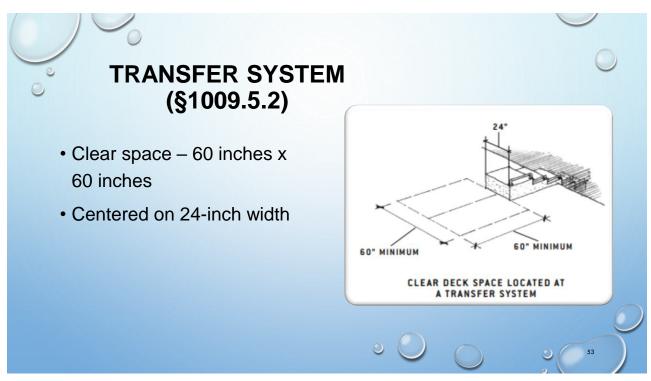
# GRAB BARS (§1009.4.5)

- 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

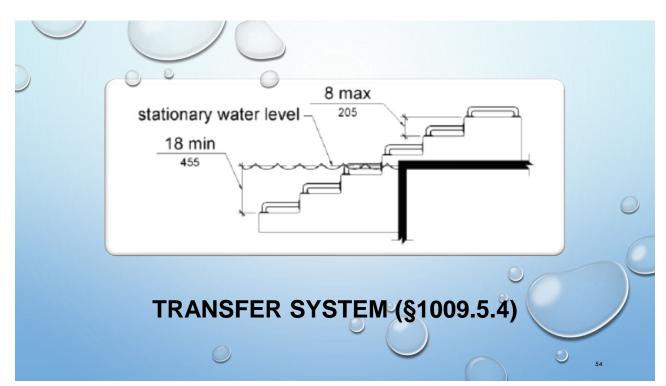


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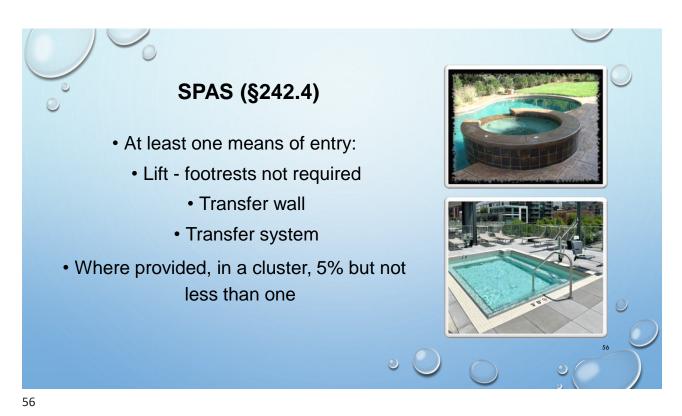
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#### POOL STAIRS (§1009.6)

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













## **SUN SHELFS**



#### AQUATIC RECREATION FACILITIES PERMITTED MEANS OF POOL ENTRY

POOL TYPE	SLOPED ENTRY	POOL LIFT	TRANSFER WALLS	TRANSFER SYSTEMS	STAIRS
Swimming pools < 300 linear ft. pool wall	x	x			
Swimming pools > 300 linear ft. pool wall (2 means of entry req.)	x*	x*	x	x	x
Wave action, leisure river, & other pools where user entry is limited to one area	x	x		x	
Wading pools	х				
Spas		x	x	x	

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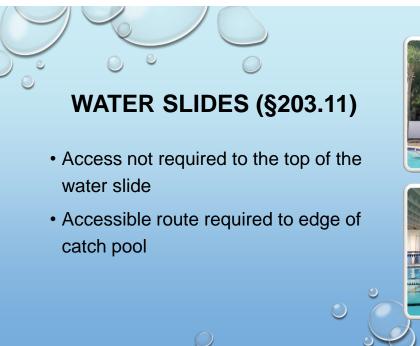
# WAVE ACTION POOLS (§242.2 EX 2)

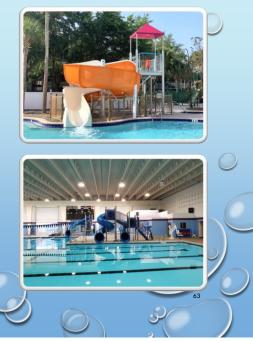
- One means of access
- Pool lift, sloped entry, or transfer system
  - Clear width of handrails on slope entry does not apply



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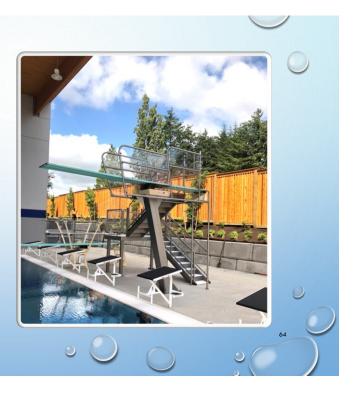




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Accessible route not required to serve raised diving boards or diving platforms





# WATER PLAY COMPONENTS (§1008.2.3)

GROUND LEVEL ACCESS AND TRANSFER ACCESS TO ELEVATED PLAY COMPONENTS REQUIRED

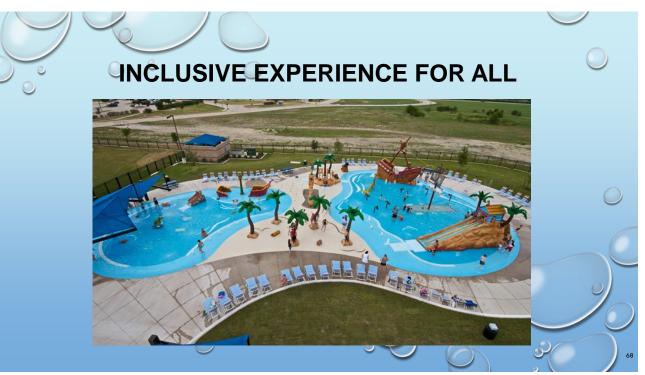


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	Forward or Side Reach	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12		
	High (maximum)	36 in (915 mm)	40 in (1015 mm)	44 in (1120 mm)		
	Low (minimum)	20 in (510 mm)	18 in (455 mm)	16 in (405 mm)		
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	$\bigcirc$				3	66

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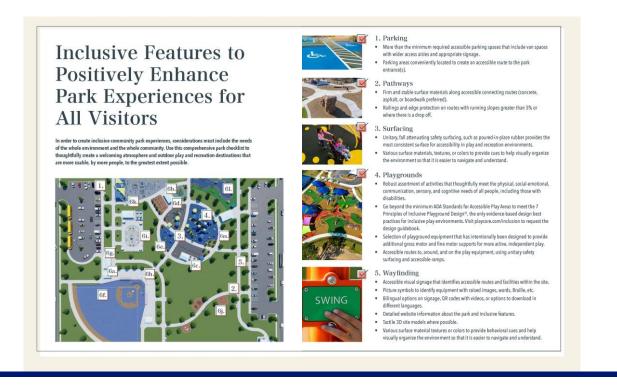
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# OFFER SITE AMENITIES FOR INCREASED COMFORT AND USABILITY

- Surfacing
- Shade
- Quiet Space
- Toilet and Bathing
  - Child/Adult Changing Tables
- Locker Rooms
- Dining Surfaces
- Aquatic Wheelchairs







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6. Site Amenities

. Picnic Tables:

helters where possible.

c. Benches/Sitting Areas:

d. Shade and Shelters:

hroughout.

Accessible point of sale systems.

h. Bleachers/Spectator Seating:

ccessible Toilet and Bathing Facilities:

Accessible sink(s) with touchless operation

Back and armrests on benches when possible.

e. Drinking Fountains and Water Bottle Filling Stations:

Condiment stations within accessible reach ranges.

· Menus with large print, pictures, and Braille.

Paper towel/hand drying features within accessible reach ranges.

Family/Unisex restroom with at least one adult size changing table

Signage with Braille characters and raised pictorial symbols at toilet room doors

Tables positioned on an accessible route and protected from weather by using shade or

Wheelchair spaces integrated into picnic tables which allow space for multiple individuals that

use mobility devices to comfortably gather at the same table and offer choices of where to sit.

Adjacent accessible wheelchair spaces/areas near benches with a firm and stable surface Shade trees or shade structures surrounding seating areas to increase comfort.

A combination of integrated shade (manufactured) and natural shade (tree canopy) offers relief from elements and increased comfort.

Shade shelters and pavilions on an accessible route and provide a firm and stable surface

A wheelchair accessible and a standing height drinking fountain provided at each location.

· Stations to include accessible features such as switch/bar or automatic touchless sensors.

Wheelchair accessible dugouts with a wheelchair space adjacent to team benches

Wheelchair accessible sales and service counters no higher than 36 inches.

Circulation paths are behind the designated wheelchair spaces to avoid obstructing the view.

· Each area of sport activity is connected with at least one accessible route

Unitary surfacing on fields that permit wheelchair access and play.

Wheelchair spaces integrated within each spectator seating area.

Benches with charging ports for personal electronic devices and mobility devices.









# g. Customer Service Areas:



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#### OUTDOOR RINSING **SHOWERS**

- · Not required to comply as showers
- Must still meet:
  - operable parts
  - clear floor space
  - compliant controls within accessible reach range
- ABA §1011.7 Outdoor rinsing showers
  - hand-held shower spray, 59-inch hose
  - at least one fixed position 15-inch min 48-inch maximum
  - · EXCEPTION: Where vandalism consideration, fixed shower head located at 48-inch minimum









i. Aquatic Play Environments:

accessible shower.

k. Adult Outdoor Fitness Parks:

when appropriate

I. Musical Instruments:

fine motor support

different parts of speech.

oach and point to or gaze at picture symbols.

caregivers to use in preparation for and during their visit.

Aquatic access wheelchairs of varied sizes for adult and child visitors are available to use.

Pet waste, water stations, and gate latches are positioned at an accessible approach, reach heights, and operation for individuals using mobility devices.

Universally designed equipment that provides individuals using mobility devices the opportunity to engage in aerobic and muscle strengthening activities alongside others.

Accessible routes of travel to and around the equipment and include safety surfacing

· Musical elements installed on an accessible route with a hard surface, and at an appropriate height so that individuals of various sizes and individuals using wheelchairs can comfortably approach and reach the activity.

Signage with simple graphics and verbiage for instruction or QR codes to provide video instruction.

Adapted mallets to promote independence and usability for individuals that need additional

Opportunities for visitors to communicate through pictures and/or symbols that are easy to

recognize, paired with the written word, and are organized using color-coding to represent

Communication boards installed on an accessible route with a hard surface, at an appropriate

height so that individuals of various sizes and individuals using wheelchairs can comfortably

Printed communication boards for download or available to check out for visitors and/or their

Showers provide a handheld shower device and a shower bench for transfer in each

Changing/bathing facilities include an accessible changing bench.

Accessible route and surface to and throughout the environment.



#### Special Events & Programming:

- Activities located on accessible routes and with accessible surfacing.
- Accessible portable toilet facilities and parking at temporary events
- Sign language or bilingual interpretation at special events.
- · Adaptive equipment such as all-terrain whe adaptive swing harnesses, adaptive switches for play panels that offer switch capability, and adaptive sports equipment available for visitors to check out or to use during programs/events.
- any manyanyany or uning an immeripretation as sporal events. Special events designed and marketed to ensure people of all abilities can play and interact meaningfully. fidget tors, communication boards or picture symbols, or other adaptive tools available for visitors to reserve/check out.



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# Technical Guides on the Standards

#### Chapters 1-7 & 10 are available on Access Board's website

www.access-board.gov



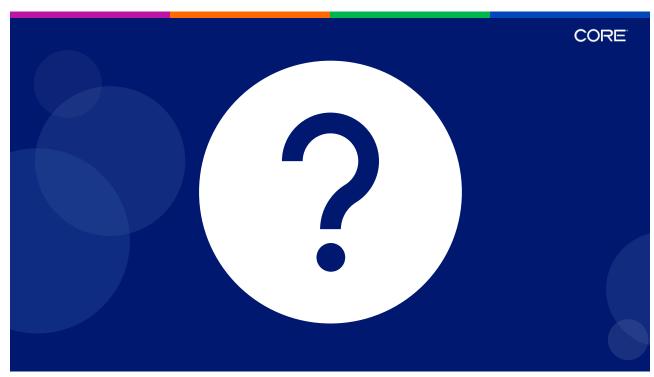
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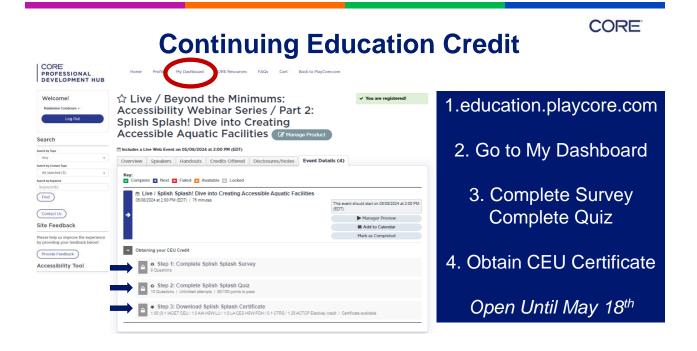
# **Useful Resources**

(Available in PlayCore's learning system under handouts tab)











**Series Presented by:** 



**Bill Botten** Accessibility Specialist PlayCore bill.botten@playcore.com

#### CORE ACCESSIBILITY SERIES (PART 3) **Disability Park** Awareness Panel

- August 7, 2024
- (-) 2:00 3:15 p.m. EST

**Register:** education.playcore.com

#### ACCESSIBILITY SERIES (PART 4)

CORE The Critical Role Accessible Site Amenities Play in **Creating Outdoor Environments Where EveryBODY Feels Welcome** 

- 🛲 November 6, 2024
- (L) 2:00 3:15 p.m. EST

**Register:** education.playcore.com



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# Resources

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- Resources
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# **Thank You!**



Turning research into practice.\*

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