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1



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2



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4



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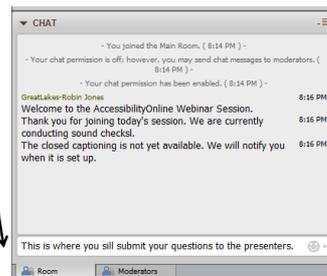
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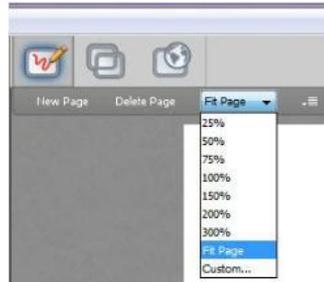
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6



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7



Customize Your View *continued*

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9



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10

Common Sources of Confusion in the ADA & ABA Standards

11

Today's Presenters



Bill Botten



Dave Yanchulis

U.S. Access Board

12

Session Agenda

- Employee Work Areas
- Alterations
- Vertical Access
- Door Maneuvering Clearance
- Toilets and Toilet Rooms
- Recreation Facilities

13

Employee Work Areas

14

Employee Work Areas (§203.9)

ADA Standards only – min. requirements:

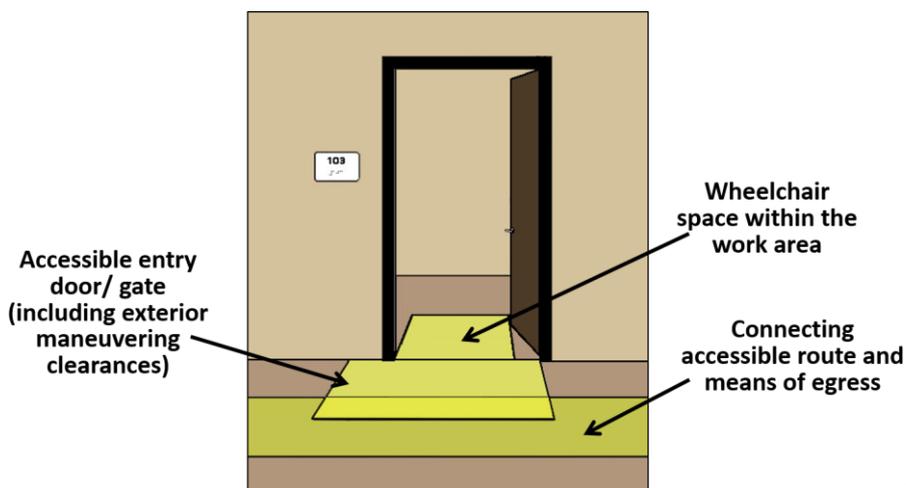
- “approach, entry, & exit”
- circulation paths (in areas ≥ 1000 sq ft)
- means of egress
- visual alarm connection

ABA Standards do not include this exception

15

Employee Work Areas

Access for “approach, entry, & exit”

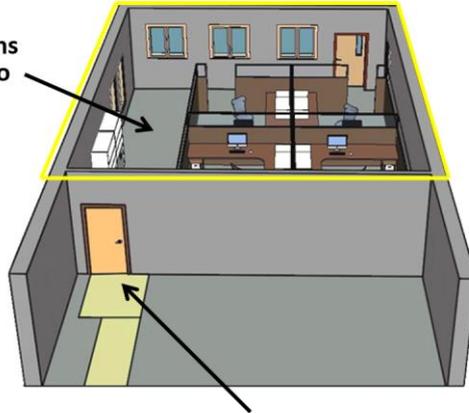


16

Employee Work Areas

Less than 1,000 SF

Common use circulation paths *not* required to comply



Access for approach, entry, and exit to work area required

17

Employee Work Areas

1,000 SF or more in size

size defined by *permanent* partitions, counters, casework

common use circulation path



18

Alterations

19

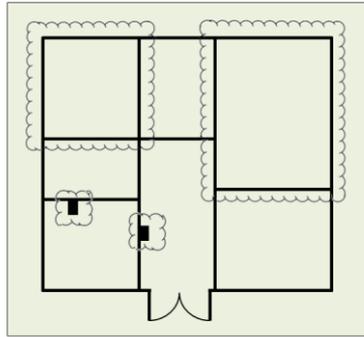
**What level of access is
required in alterations?**



20

Alterations (§202.3)

“Where existing elements or spaces are altered, each altered element or space shall comply with the applicable requirements...”



21

Alterations

Within an altered space, standards apply to those elements that are altered



(accessible route not required unless circulation paths altered or path of travel required)

22

Alterations

“If full access isn’t guaranteed in an alteration, what’s the use?”



23

Alterations

Consider that:

- **Some access = better than none**
- **Other mandates apply to existing facilities**
- **Fuller access (path of travel) required for primary function areas**

24

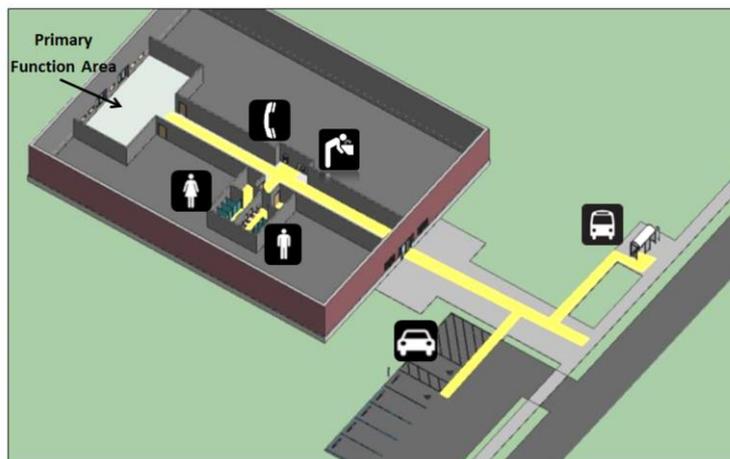
Alterations: Path of Travel

Alterations to primary function areas require accessible path of travel to the extent it does not cost more than 20%.

Compliance required up to the 20% limit

25

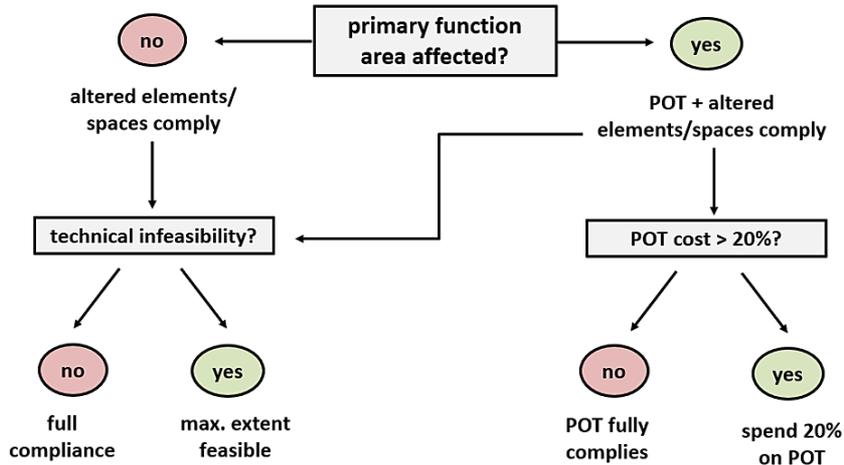
Alterations: Primary Function Areas (§202.4)



Required accessible path of travel

26

Alterations



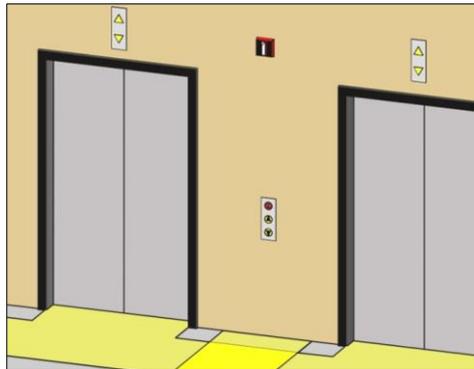
27

Vertical Access Between Stories

28

Multi-Story Facilities (§206.2.3)

At least one accessible route must connect each story and mezzanine unless an exception applies



29

Exceptions (§206.2.3)

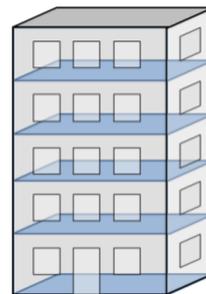
AR between floors (“elevator exception”)

Private sector facilities only:



less than 3 stories

OR



less than 3,000 sf/ flr)

30

Exceptions

Exception not allowed for:

- Shopping centers/ malls with 5 or more sales or rental establishments)
- Professional offices of health care providers
- Terminal, depots, or stations used for public transportation
- Government Facilities



31

Exceptions

If facility qualifies for exception,

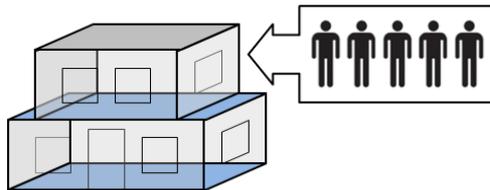
- all other provisions in the standards still apply to stories/ mezzanines not served by AR
- elevators provided anyway must fully comply (as standard or LULA elevators)
- vertical access still may be required by state or local code.

32

Exception: Gov't Buildings

Exception for public (government) buildings:

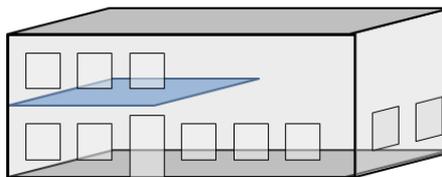
- 2 story only AND
- 1 floor has: no public space AND max. occupancy of 5



33

Exceptions: Mezzanines

AR not required to mezzanines in buildings not required to have elevator (including 1 story buildings)



Restaurants & Cafeterias:



allowed only if < 25% of dining space on mezzanine and equal service/ décor provided on accessible level

34

Exceptions

Additional exceptions:

- detention and correctional facilities
- residential facilities
- transient lodging (multi-story units)
- air traffic control tower cab
- qualified historic facilities
- press boxes

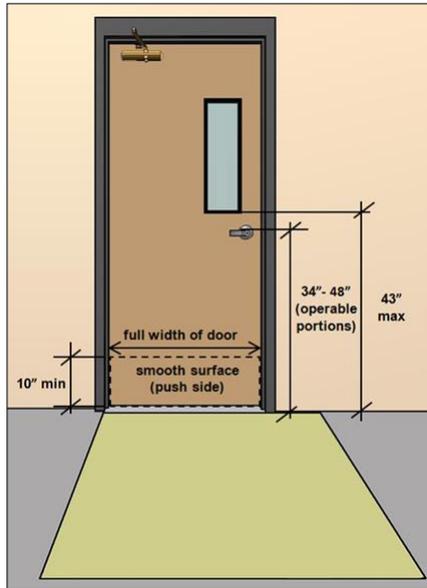


35

Door Maneuvering Clearance

36

Doors, Doorways, Gates (§404)



- Clear Width (32" min.)
- Closing Speed
- Opening Force (5 lbf max)
- Vision/ Side Lights
- Compliant Hardware
- Smooth Surface (bottom, push side)
- Thresholds (1/2" max)
- Maneuvering Clearance (both sides unless usable in 1 direction only)

37

Maneuvering Clearances

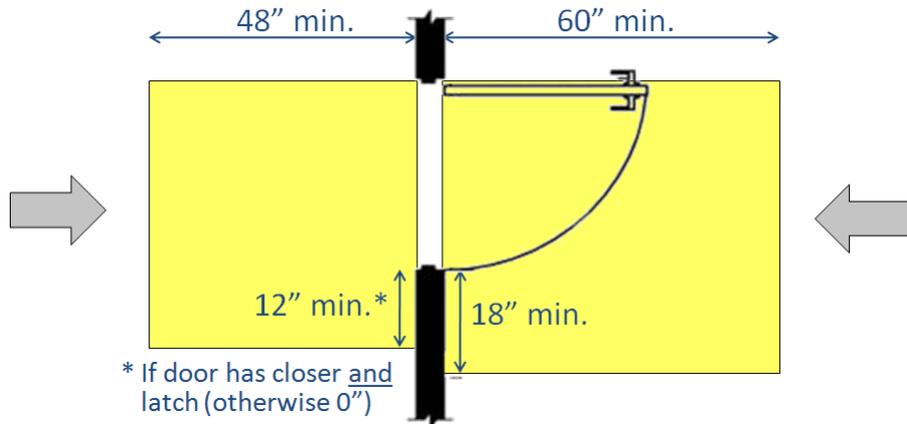
Minimum space for positioning/
maneuvering at doors



38

Maneuvering Clearances

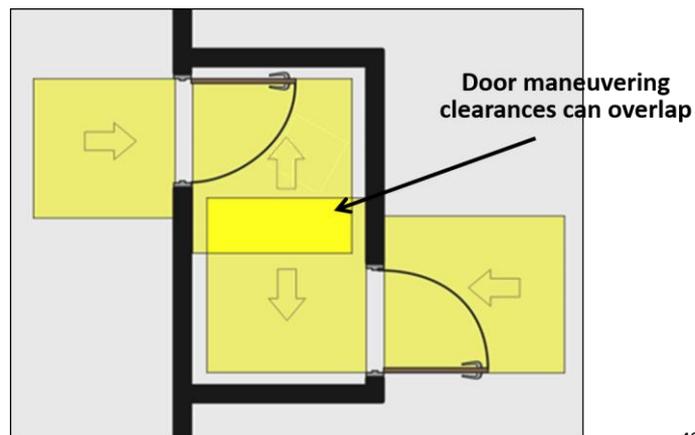
Forward Approach



39

Maneuvering Clearances

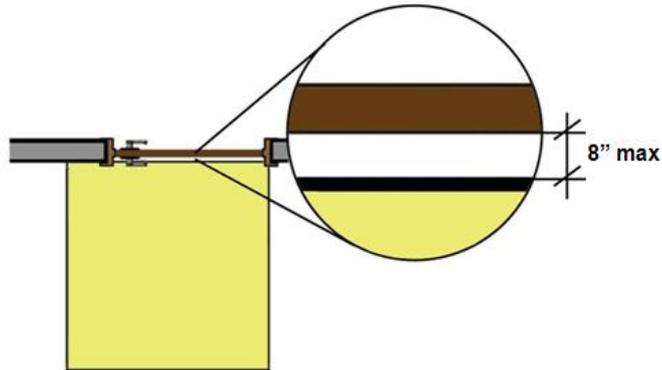
Required at each accessible door based on approach & swing



40

Maneuvering Clearances

Maneuvering clearance must be 8" max. from the face of the door



41

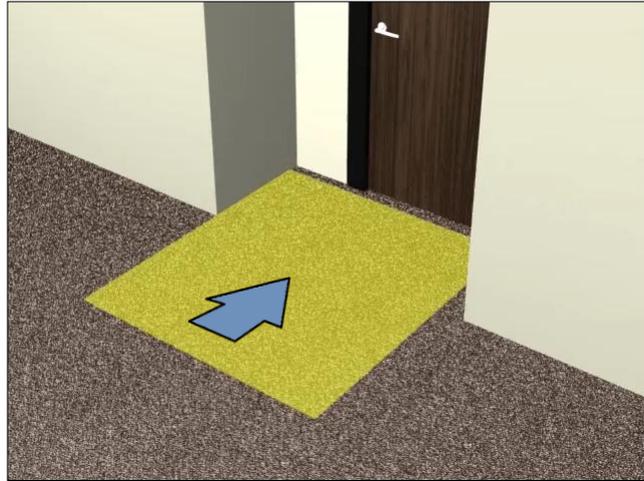
Maneuvering Clearances



8" max. offset from face of door

42

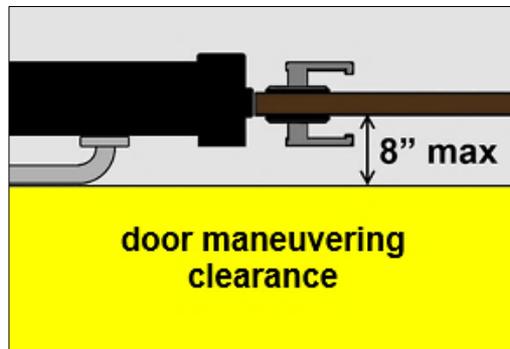
Maneuvering Clearances



Recess > 8": maneuvering clearance for forward approach located 8" max. from face of door

43

Maneuvering Clearances



Besides thick walls and recessed doors, the 8" max. offset can accommodate other elements, such as handrails/ guardrails, thick base moulding, etc.

44

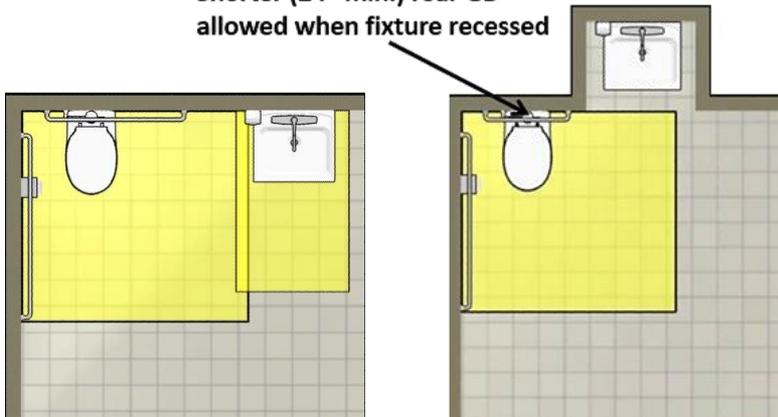
Toilet Rooms (Single User)

45

Toilet Rooms

Lavatory cannot overlap toilet clearance
(except in dwelling units)

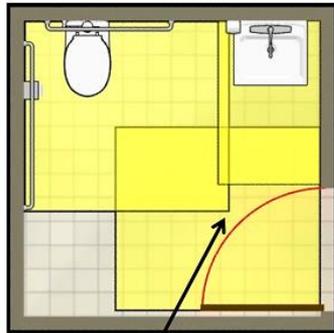
Shorter (24" min.) rear GB
allowed when fixture recessed



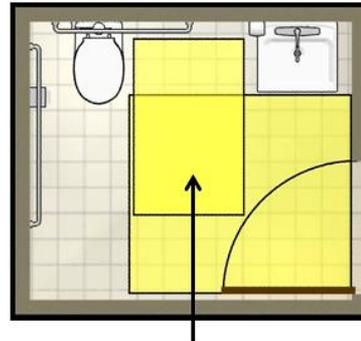
46

Toilet Rooms

Door maneuvering clearance



Keep swing outside fixture clearances or ...

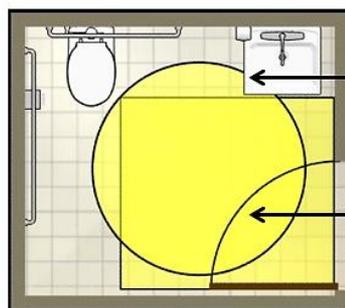


... provide unobstructed clear floor space (30" x 48" min.) outside swing (location not specified)

47

Toilet Rooms

Turning Space: 60" diameter circle or "T" shaped space



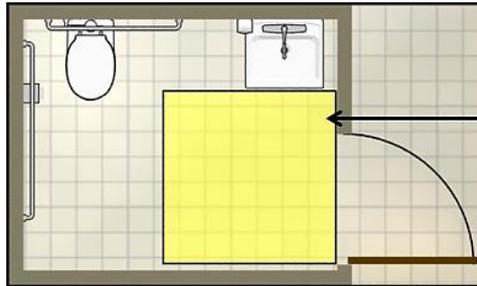
Elements with knee/toe clearance can overlap turning space

Door can always swing into turning space

48

Toilet Rooms

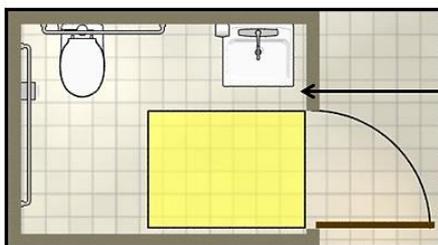
Doors: Out-swinging doors allow smaller room size (require less interior maneuvering clearance)



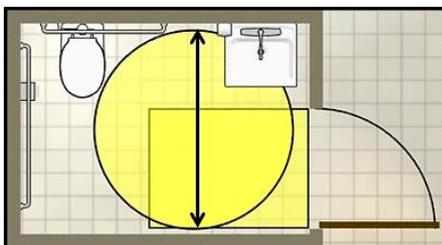
12" min. latch-side clearance required on push side (forward approach) if door has both a closer & latch

49

Toilet Rooms



If out-swinging door does not have both a closer & latch, no additional clearance beyond opening required.



In this case, room depth is usually determined by turning space.

50

Recreation Facilities

51

Area of Sport Activity

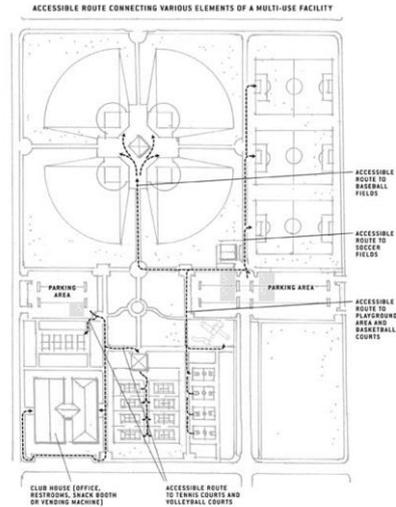
- “That portion of a room or space where the play or practice of sport occurs”
- Accessible route to each area of sport activity
- Exempt from firm, stable, and slip resistant surface



52

Sports Facilities

- Court Sports
- Team or Player Seating
- Spectator Seating

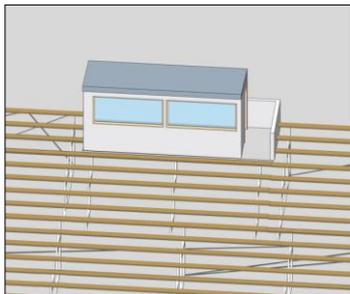


53

Exceptions: Press Boxes

Exempt if 500 sq ft or less (aggregate) and

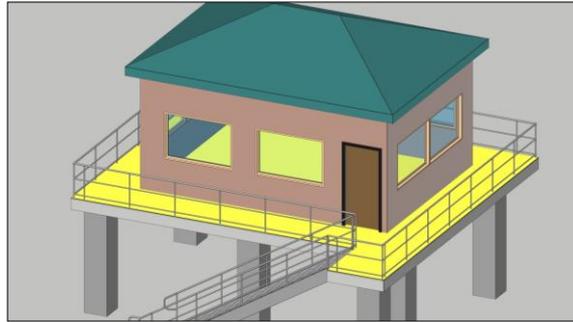
- Located on bleachers entered on 1 level
- or elevated 12' or more (free standing)



54

Press Boxes

Square footage applies to the gross floor area (including exterior) of all press boxes serving a playing field or other assembly area



55

Exercise Equipment and Machines

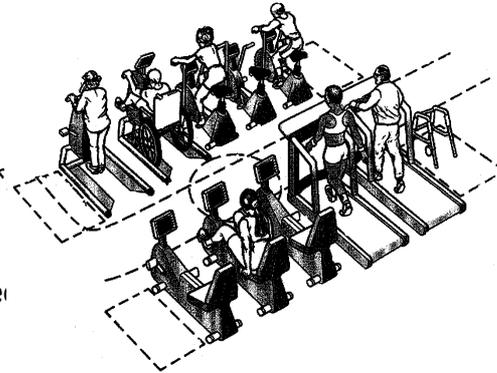
- **At least one of each type of equipment or machines**
- **No requirement to modify equipment**
- **Clear space at equipment**
- **Controls and operating mechanisms exempt**



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

Outdoor Exercise Equipment



58

Natural Feature Play Components



59

Longitudinal Study on Playground Surfaces

Surfacing the Accessible Playground

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

2014

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 (2011) estimates there to be 2.8 million schooled 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.

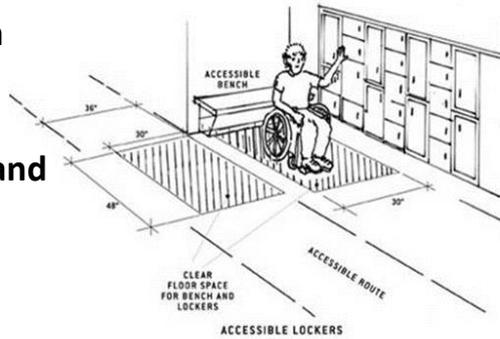
Choosing play surfaces that are accessible and that can be maintained as accessible surfaces, becomes one of the most important decisions during the playground planning and design phases. The purpose of this guide is to provide practical information that every public playground owner should know about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

Benches (§903)

§612 - Saunas and Steam Rooms

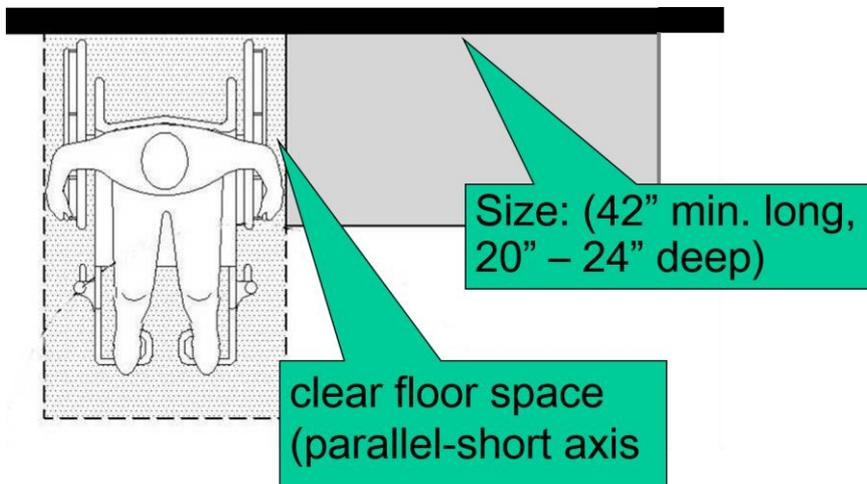
§803 - Dressing, Fitting, and Locker Rooms

§807 - Holding Cells and Housing Cells



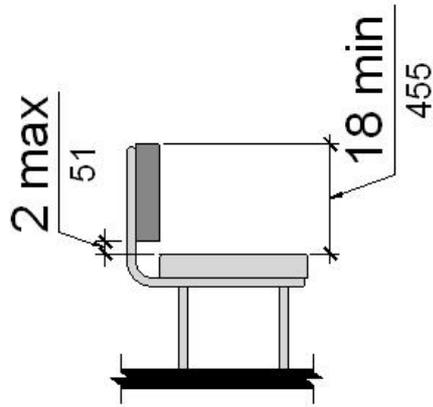
61

Benches



62

Benches



UNITED STATES ACCESS BOARD

63

Benches

ABA Requirements for Outdoor Developed Areas:

1011 Outdoor
Constructed Features –
Benches

Proposed Accessibility Guidelines for PROW:

R212 Street Furniture –
Benches



64

Outdoor Developed Areas

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



Covered

- Facilities constructed or altered by
 - Federal agencies
 - Non-federal entities constructing facilities on federal land on behalf of federal agencies e.g., a concession contract, partnership agreement, or similar arrangement

Not Covered

- Facilities subject to ADA
- ADA facilities built or altered with Federal grants and loans (ABA)

66

Effective November 25, 2013

New construction and alterations



67

Temporary Facilities (§201.3)



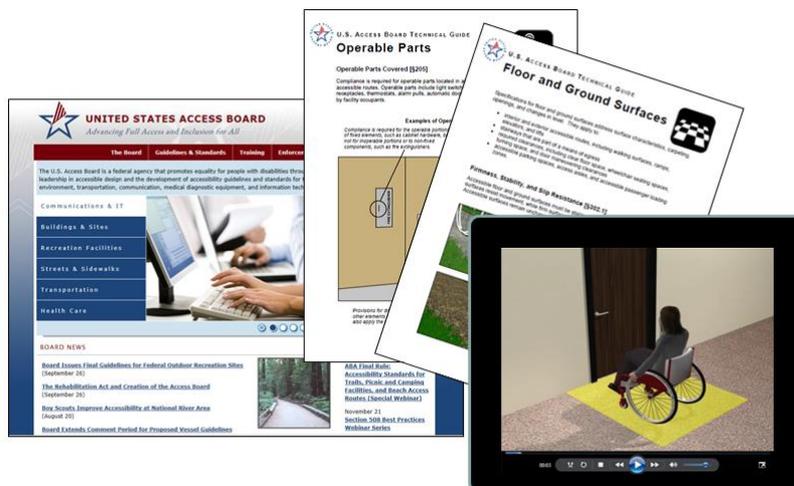
68

Questions?

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69

Technical Guides on the Standards Available on the Board's website



70



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Advancing Full Access and Inclusion for All

71



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72

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73