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A collaborative program between the
ADA National Network and the
US Access Board



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We will be testing sound quality periodically

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Webinar Features



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- **Emotions/Hand-raising:** Please do not use these features during this session

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Presenter



Bill Botten

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Session Agenda

- **Application of 2010 ADA Standards and ABA Accessibility Standards (new construction, alterations, and existing facilities)**
- **Other facility related provisions**
- **Miniature golf provisions**
- **Questions and Answers**



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Americans with Disabilities Act

Title II covers:

- **State and local government facilities**



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Americans with Disabilities Act

Title III covers:

- **Commercial facilities**
- **Places of public accommodation**
- **Non-Profit as well as for-profit**



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Architectural Barriers Act

Covers:

- facilities that are designed, constructed, altered, or leased by, or on behalf of the United States.
- facilities receiving certain types of Federal Financial assistance.



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Architectural Barriers Act Accessibility Standards (Federal facilities)

- Similar standards in effect for all federally funded facilities (except housing)
- Effective May 8, 2006 (February 6, 2007 for leased facilities) for new construction and alteration
- Effective October 31, 2008 for Department of Defense facilities

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New Construction and Alterations

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ADA Standards (2010)

Mandatory March 15, 2012



Use of earlier standards no longer allowed



1991 Standards UFAS (title II)

Effective Date

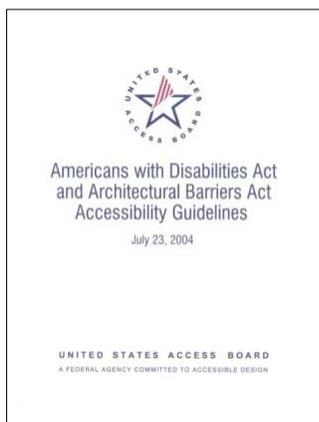
Applies to date:

- **building permit/ permit extension application is certified as complete (or is submitted where completion not certified)**
- OR**
- **start of physical construction or alteration (where no permit required and title II entities)**

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2010 ADA Standards



**Same as the Board's
ADA-ABA Guidelines
(2004)
... plus requirements
DOJ added**

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Alterations to Existing Facilities

- Provisions apply to the planned scope of work
- Path of travel requirements apply to work on the course



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Alterations

Technical Infeasibility

- Determined case-by-case
- Based on existing constraints/conditions and scope of work
- Compliance required to the *maximum extent feasible*

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Existing facilities

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Safe Harbor – Existing Facilities

- Elements that comply with 1991 Standards do not need to be modified to meet the 2010 Standards unless those elements are altered on or after March 15, 2012.

Safe Harbor does not apply to elements in existing facilities that were not subject to specific requirements in the 1991 Standards

For more information, contact DOJ @ 800 514-0301

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Elements in 2010 Standards Not Subject to Safe Harbor

- | | |
|---|---|
| (A) Residential facilities and dwelling units | (I) Saunas and steam rooms |
| (B) Amusement rides | (J) Swimming pools, wading pools, and spas |
| (C) Recreational boating facilities | (K) Shooting facilities with firing positions, |
| (D) Exercise machines and equipment | (L) Miscellaneous. |
| (E) Fishing piers and platforms | (1) Team or player seating |
| (F) Golf facilities | (2) Accessible route to bowling lanes |
| (G) Miniature golf facilities | (3) Accessible route in court sports facilities |
| (H) Play areas | |

For more information, contact DOJ @ 800 514-0301

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Miniature golf facility elements

INCLUDED IN THE 1991 STANDARD

- Parking
- Facility entrances
- Toilet facilities
- Food counters
- Retail spaces

NOT INCLUDED IN THE 1991 STANDARD

- Accessible routes on the course
- Miniature golf holes
- Start of play areas
- Golf club reach range

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What Standards Apply to Existing ADA Facilities?

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

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

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Tax Incentives for Improving Accessibility



- Section 44 of IRS Code
- Tax credit - maximum credit \$5,000
- Tax deduction – maximum \$15,000

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Locating provisions

Table of Contents

ADA Application and Scoping

ADA Chapter 1: Application and Administration

ADA Chapter 2: Scoping Requirements

ABA Application and Scoping

ABA Chapter 1: Application and Administration

ABA 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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Other facility provisions

PARKING, TOILET FACILITIES, RETAIL SPACES,
FOOD COUNTERS, DRINKING FOUNTAINS,
AND OTHER SPACES AND ELEMENTS

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Accessible Vehicle Parking

- Marking of access aisles
- Angled vans spaces
(aisle on passenger side)
- Sign height (60" min.)



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Parking

Scoping applies to each parking facility

Total Number of Parking Spaces	Min. Number of Accessible Spaces
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2 percent of total
1001 and over	20, plus 1 for each 100, or fraction thereof, over 1000

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Parking

Van Spaces: 1 of 6 accessible spaces

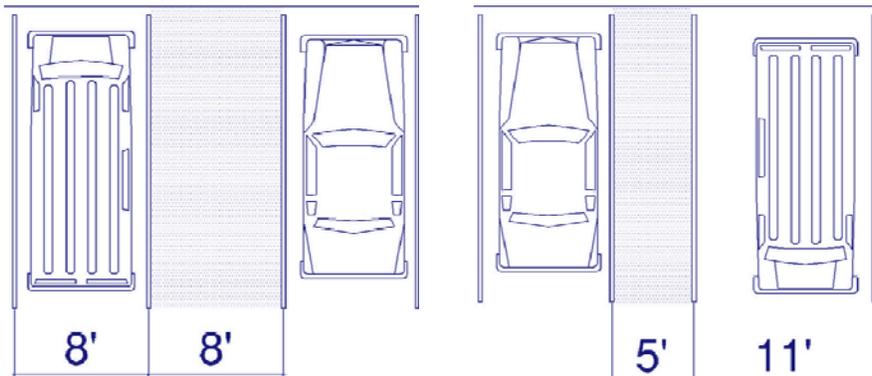


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Parking

Van Spaces

Additional 3' width can be added to aisle or space



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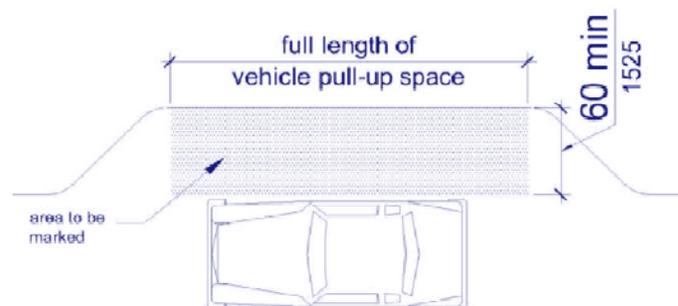
Passenger Loading Zones



At least 1 for every 100 linear ft. of loading zone space provided

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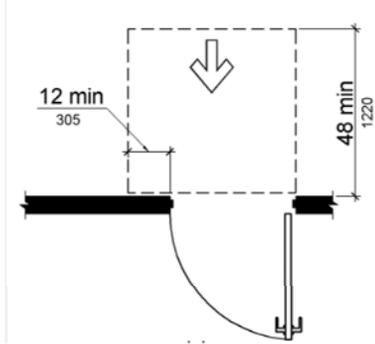
Passenger Loading Zones



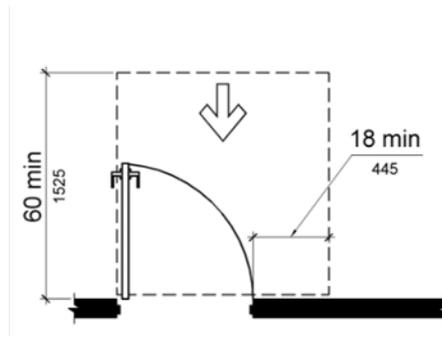
- **Aisles - same level as pull-up space**
- **Aisles to be marked**
- **No level changes in space or aisle**

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Doors and Gates Clearances (Forward Approach)



Push Side:
12" min. strike side clearance
If door has both closer & latch)

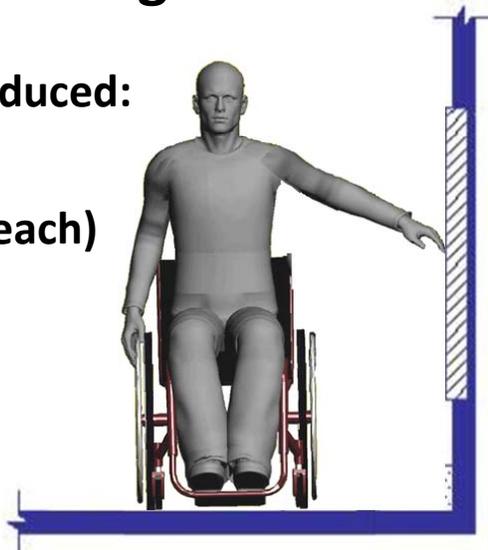


Pull Side:
18" min. strike side clearance

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Reach Ranges

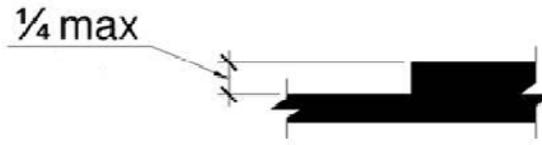
Side reach range reduced:
48" – 15"
(same as forward reach)



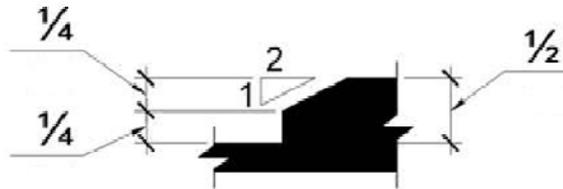
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Surfaces

changes in level: 1/4" max (vertical)



1/2" max (beveled)



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Surfaces

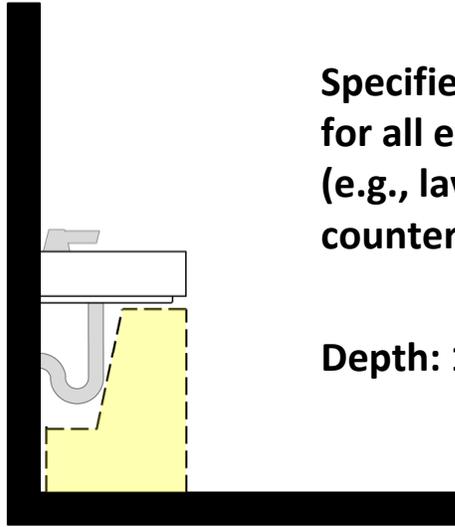
must be: firm, stable, "slip-resistant"



Loose materials generally not compliant
(unless properly treated)

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Knee/Toe Clearances

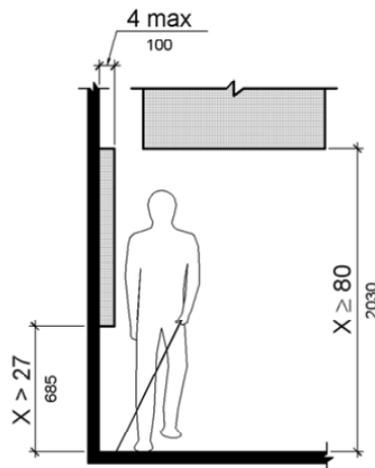


Specified in Chapter 3
for all elements
(e.g., lavs, sinks,
counters, tables, etc.)

Depth: 17" – 25"

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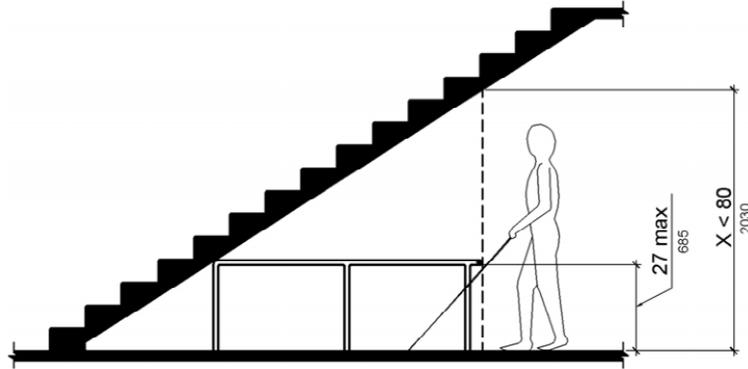
Protruding Objects & Headroom



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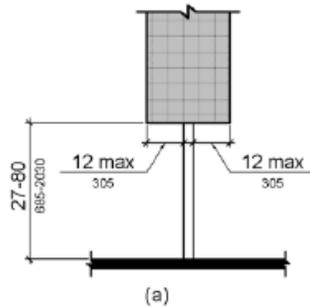
Headroom Clearance



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Protruding Objects (307)

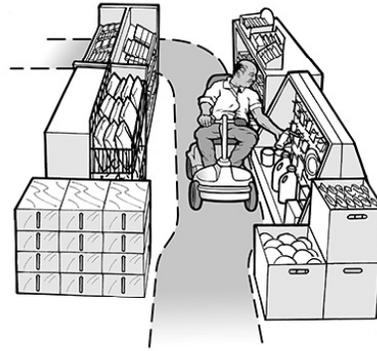


Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches maximum when located 27 inches minimum and 80 inches max.

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Interior Accessible Routes

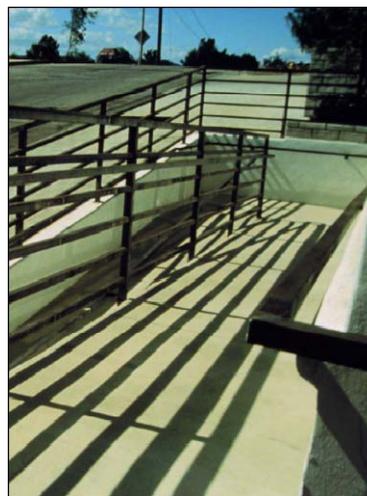


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Ramps

- Slope -1:12 max.
- Cross slope – 1:48 max.
- Clear width – 36" min.
- Rise – 30" max.
- Level landings
- Handrails (both sides
- Edge protection



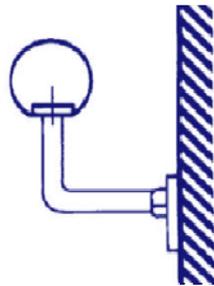
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Handrails

Ramps, stairs, and walkways

- knuckle clearance: 1 ½" min. (not absolute)
- diameter: 1 ¼" – 2" (not 1 ½" max.)
- applies to outer diameter (clarification)



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Drinking Fountains

Where provided -- exterior site,
floor, or secured area

- 2 required (wheelchair & standing access)
- Alternative: single unit with dual access (e.g., "hi-lo" units)
- Multiple installations:
50% of each type
(rounded up or down)

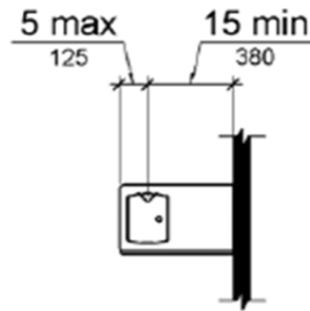


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Drinking Fountains

- Forward approach - all wheelchair units
- Clear floor space to be “centered”
- Height for standard units: 38 – 43 inches

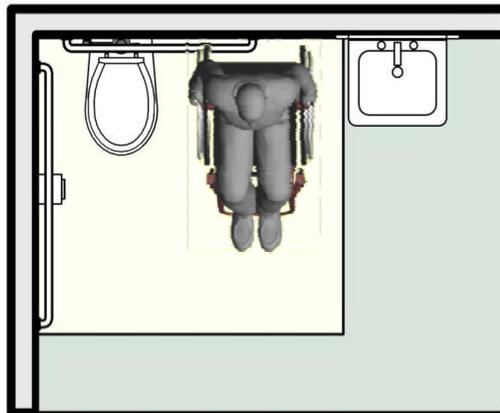


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Toilet Rooms

Allows space for side transfers



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Water Closet Clearance

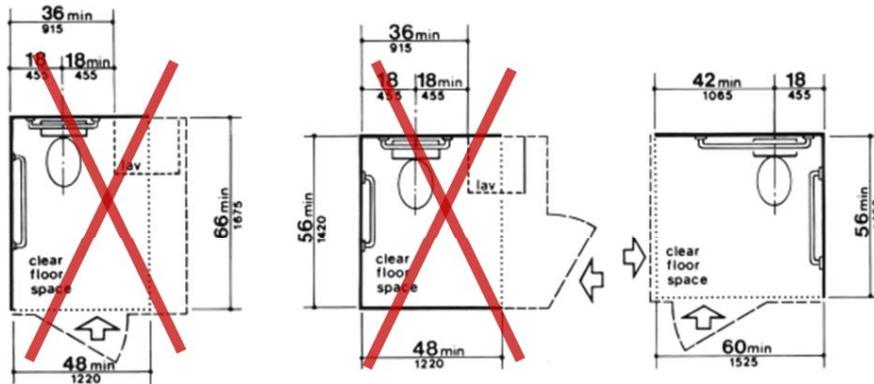
Lavatory overlap no longer permitted



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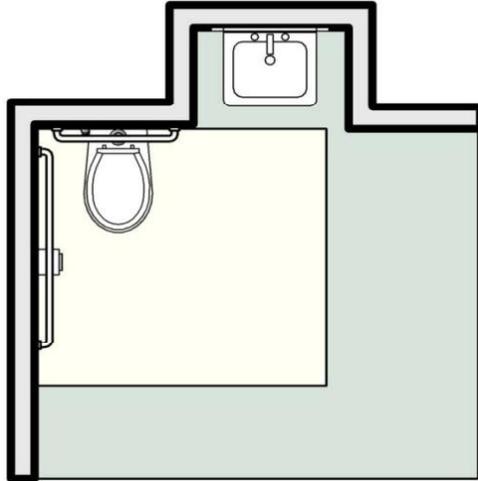
Water Closets

Original ADAAG (fig. 28) permitted overlap



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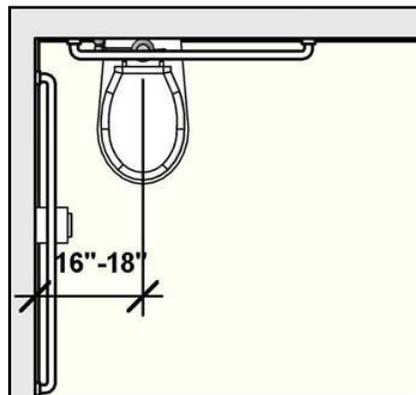
Toilet Rooms



- fixtures can be recessed
- shorter (24" min.) rear grab bar allowed in this case

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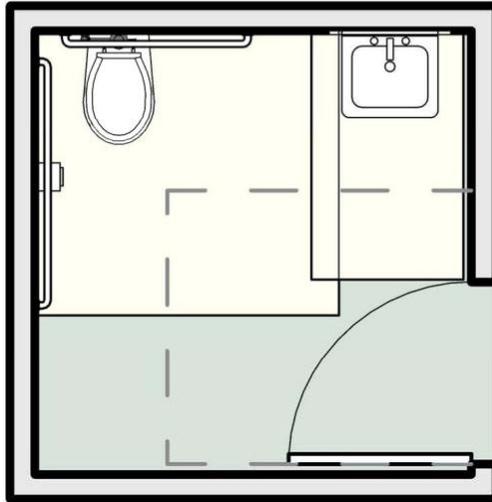
Toilet Rooms



- Range for toilet centerline
- lavatory cannot overlap toilet clearance.

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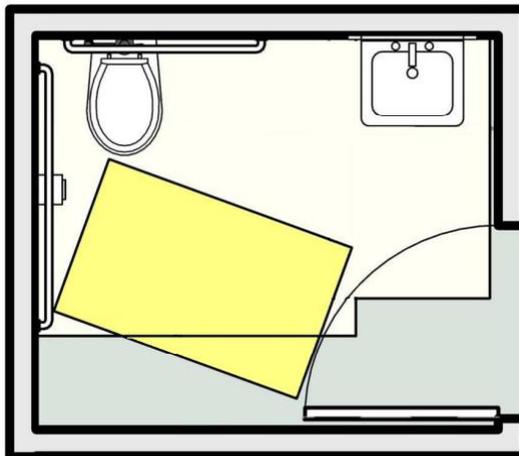
Toilet Rooms



Door man. clearance; swing outside fixture clearances

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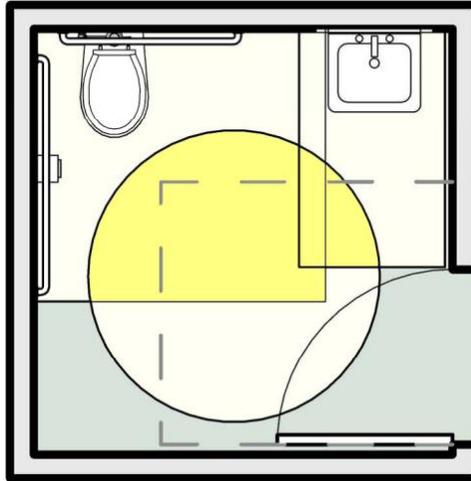
Toilet Rooms



Doors can swing into fixture clearances if clear floor space (30" x 48" min.) provided outside swing

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Toilet Rooms



**Turning space can overlap fixture & door clearances;
door can swing into turning space**

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Lavatories & Sinks



**Hand-operated metering
faucets shall remain open
for 10 seconds minimum**



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Signs

- Tactile/ visual – labels for permanent rooms & spaces, exit doors
- Visual only – directional or informational signs
- Exempt: temporary signs, building menus, directories, addresses, company names and logos



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Visual Signs

- “conventional form”
- character proportion & spacing
- character height based on viewing distance
- location (40” min. height)
- stroke thickness
- line spacing
- finish & contrast

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Character Style

New standards specify “conventional form”

Prohibited:

Italic *Oblique* *script*

highly decorative

or other unusual forms

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Telephones

- volume controls on all phones
- volume control – to 20 dB (12 dB intermediate step)
- automatic reset
- wheelchair access (at least 1 per floor/level, bank, exterior site)



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Sales & Service Counters

227 Scoping

- Counters – 1 of each type
- Cash register not factor

904.4 Technical

- Accessible part same depth
- Parallel or forward approach
- No alternatives
- Security glazing – voice communication



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ATMs & Fare Machines

Access to 1 of each type at each location

- speech output
- privacy
- input controls
- display screen
- Braille instructions
(for speech mode)



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Recreation Facilities



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Miniature golf facility provisions (239 & 1007)



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Miniature golf course configuration

- 50% of holes required to be accessible and consecutive
- Exception permits one break, provided the last hole is included



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Miniature golf course configuration

- If only 50% of holes are accessible and consecutive.
- AR can not travel back through completed holes.



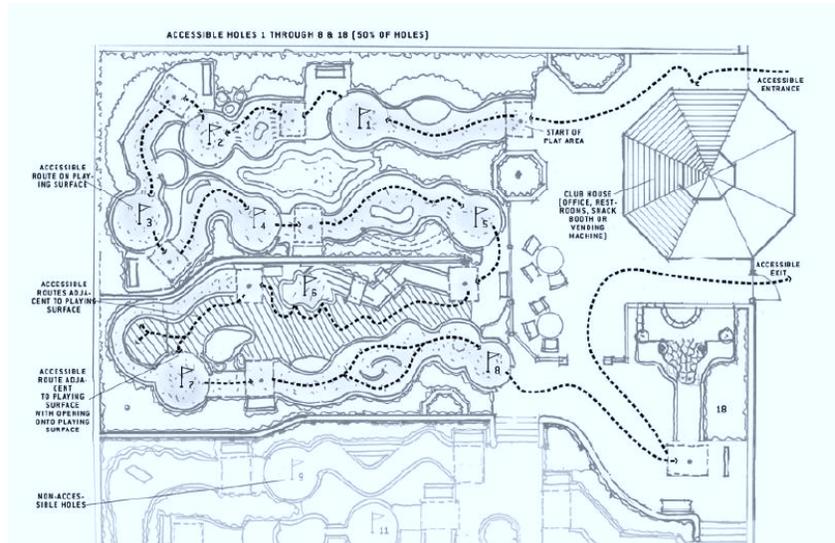
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Miniature golf

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



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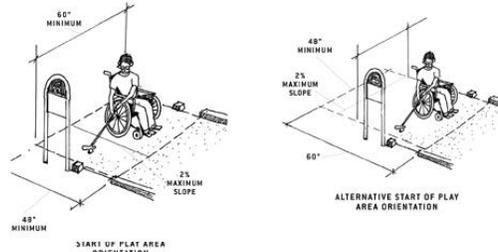


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Start of Play Areas

- The clear floor or ground space area at the start of play for each accessible hole must be 48 by 60 inches minimum slope no steeper than 1:48
- The accessible route and the clear space can overlap

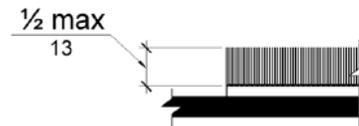


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Accessible route on the playing surface

Exception from complying with 302.2 for carpet.



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Accessible route on playing surface

EXCEPTIONS:

Slopes not steeper than 1:4 for a 4 inch maximum rise are permitted.



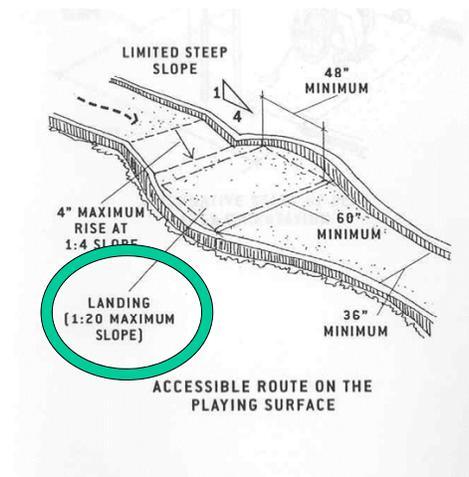
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Accessible route on playing surface

EXCEPTIONS:

Ramp landing slopes specified by 405.7.1 are permitted to be 1:20 maximum.



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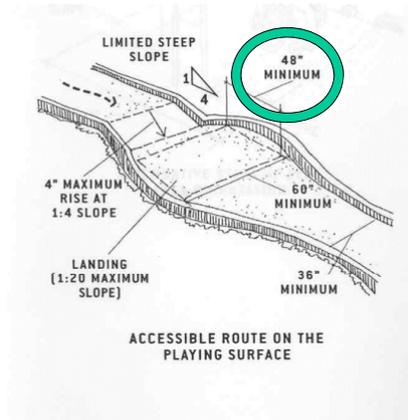
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Accessible route on playing surface

EXCEPTIONS:

Ramp landing length specified by 405.7.3 are permitted to be 48 inches long min.

Ramps that change directions landing size specified by 405.7.4 are permitted to be 48 inches minimum by 60 inches min.



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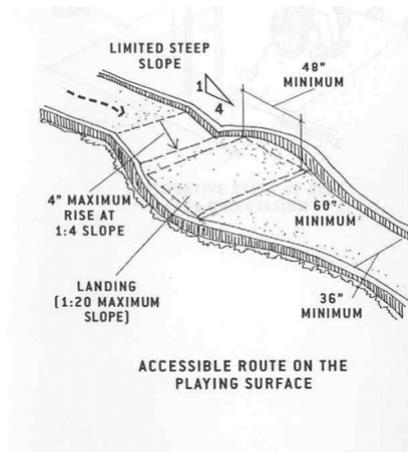
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Accessible route on playing surface

EXCEPTIONS:

Handrails are not required on holes.

Where handrails are provided on holes, not required to comply with 505.



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Accessible route on the course

Where accessible routes intersect playing surfaces of holes, a 1 inch max curb permitted for a width of 32 inches min.



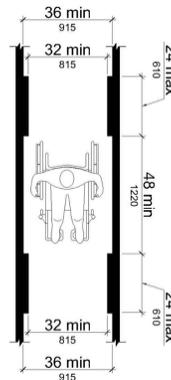
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Accessible route adjacent to the playing surface

AR serving holes on miniature golf courses comply with Chapter 4.

- Cross slope – 1:48
- Change in level
- Clear width
- Doors and gates
- Ramps



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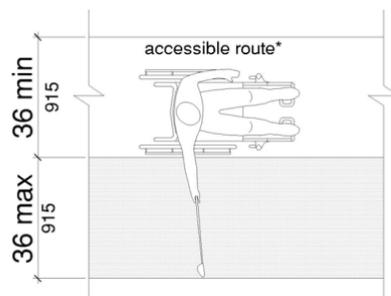
Accessible route adjacent to the playing surface

- Adjacent to the playing surface
- Compliant accessible route



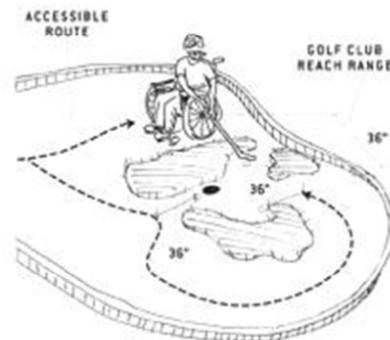
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Golf club reach range



*Note: 1:20 maximum slope

Fig. 63
Golf Club Reach Range



EXAMPLES OF GOLF CLUB REACH RANGES
ON PLAYING SURFACE

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Technical Assistance Material



Questions?

You May Type and Submit questions in the Chat Area Text Box or press Control-M and enter text in the Chat Area

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



U.S. Access Board

- 2010 Accessibility Standards for new construction and alterations

(800) 872-2253 (voice)

(800) 993-2822 (TTY)

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Thank you for participating in today's webinar



Next scheduled session:

"Accessible Kitchens and Kitchenettes"
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