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

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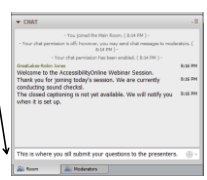

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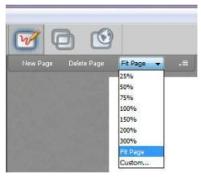

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Open Questions and Answers Session

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UNITED STATES ACCESS BOARD
Advancing Full Access and Inclusion for All

Marsha Mazz
Director, Office of Technical and Information Services

Bill Botten
Accessibility Specialist

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Session Agenda

- Rulemaking Update
- Response to previously submitted questions
- Open Q & A

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Rulemaking Update

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Upcoming Rules

- Medical Diagnostic Equipment
- Information and Communications Technology
- Transportation Vehicles (buses)
- Public Rights-of-Way and Shared Use Paths
- Passenger Vessels
- Self-Service Transaction Machines
- Transportation Vehicles (rail)

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Medical Diagnostic Equipment

- Patient Protection and Affordable Care Act gave the Board authority to set standards for medical diagnostic equipment

  Examples:
  - examination tables and chairs
  - weight scales
  - mammography equipment
  - x-ray machines

  Next Step- Final Rule

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Supine, prone, or side-lying position - M301

Seated position - M302

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Seated in a wheelchair - M303
Standing position - M304

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Information and Communications Technology (ICT)

Joint update of:

- **Section 508 standards for electronic and information technology (procured by Federal agencies)**
- **Section 255 guidelines for telecommunications products**
- **Next Step- Final Rule**

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Vehicle Guidelines (Buses)

Some proposed changes include:

- **automated audible announcements**
- **shallower ramp slope**

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Public Rights of Way and Shared Use Paths

- **New guidelines will cover:**
  - **Sidewalks and crossings**
  - **Curb ramps and detectable warnings**
  - **Pedestrian signals**
  - **On-street parking**
  - **Work zones**
  - **Roundabouts**
- **Next Step – Final Rule**

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Public Rights of Way and Shared Use Paths

- Slope of the sidewalk must not exceed the slope of the adjacent street

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Passenger Vessels

- Proposed rule – June 25, 2013
- Covers cruise ships, gaming boats, and ferries
- No previous guidelines or standards
- DOJ settlement with Carnival Corporation

http://www.ada.gov/carnival/carnival_sa.html

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Self-Service Transaction Machines

- DOT and DOJ have related rulemakings that present an opportunity to work collaboratively to develop a single set of technical requirements that can be referenced and scoped by each agency
- November, 2013 DOT published its Air Carrier Access Act (ACAA) and Section 504 requirements for airline ticketing kiosks
- July 26, 2010 DOJ ANPRM on Equipment and Furniture

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Airline Ticketing Kiosks

Some of the Features

- Based on § 707 of the 2010 ADA Standards
- Within reach and on accessible routes
- Tactilely discernible keys
- Audible output
  - same degree of privacy
- Volume Control

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Transportation Vehicles (Rail)

- Covers: rapid rail, light rail, commuter rail, intercity (Amtrak) rail, automated guideway, high-speed rail, and trams and similar vehicles
- Advisory Committee – May 2013 – July 2015

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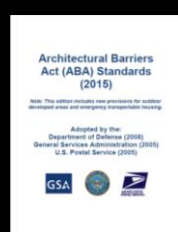
The Architectural Barriers Act (ABA)


Architectural Barriers Act (ABA) Standards (2015)

Note: This edition includes new provisions for outdoor developed areas and emergency transportable housing.

Adopted by the:
Department of Defense (2008)
General Services Administration (2005)
U.S. Postal Service (2005)

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ABA Coverage

- Applies to facilities designed, built, altered or leased with Federal funds
  - All Federal buildings
  - Some Non-Federal buildings
    - Federally leased
    - Federally funded if funding allows agency to establish construction requirements

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ABA Standards

Postal Facilities
USPS regulations (39 CFR Part 255) and RE-4 Handbook apply the current standards to USPS projects and leases as of October 1, 2005.

Defense Facilities
A DOD policy memorandum applies the current standards to defense facilities as of October 31, 2008, and exempts facilities or spaces "used exclusively by able-bodied military personnel."

Residential Facilities
HUD regulations (24 CFR Part 40) apply the standards (currently UFAS) to all residential structures covered by the ABA except those on military installations.

All Other Facilities Covered by the ABA
GSA's Federal Management Regulation (41 CFR Part 102-76) applies its ABA Standards to construction and alterations that begin after May 8, 2006, lease-construction as of June 30, 2006, and other lease actions solicited after February 6, 2007.

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Differences Between the ABA and the ADA Standards

1. Modifications and Waivers (§ F103)
2. Some Definitions (§ F106.5)
3. Employee Work Areas
4. Additions (§ F202.2)
5. Leased Facilities Section (§ F202.6)
6. Existing Elements (§ F203.2)
7. Elevator Exceptions (§ F206.2.3)
8. Outdoor Developed Areas on Federal Lands
9. Military Exclusions

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ABA Enforcement

- **Complaint process**
- **On-line form** http://tinyurl.com/qb6xpzr
- **About 75 cases opened each year**

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Dimensional Tolerances

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Industry Tolerances

Q. What is a construction or manufacturing tolerance?

A. It is the permitted variation from a dimension that is specified in the Standards resulting from the materials and methods used in the construction.

Q. What tolerances apply and where can I find them?

A. Only "conventional industry" tolerance apply. They are published by the relevant industry.

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Industry Tolerances

Q. Do tolerances apply when the Standards include a range?

A. Sometimes

- Range from zero to X = tolerance
- Range from X to infinity = tolerance
- Specific range e.g. 33” to 36” = no tolerance

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Kitchens and Kitchenettes

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Kitchens and Kitchenettes (804)

Q. What is a kitchen?

A. Webster's Collegiate Dictionary defines a kitchen as “a place (as a room) with cooking facilities”

At least one built-in cooking element:

- A range or oven
- A cook top
- A microwave oven
- A convection oven

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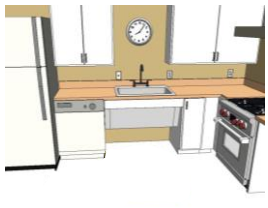
Parallel Approach to a Sink



606 Lavatories and Sinks
606.2 Clear Floor Space – EXCEPTION 1
A parallel approach permitted to a kitchen sink where cook top or conventional range is NOT provided

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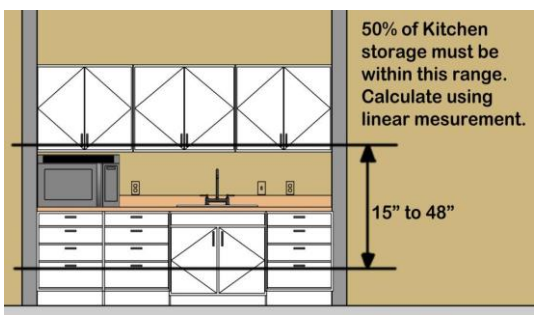
Kitchen Storage (804.5)



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Operable Parts

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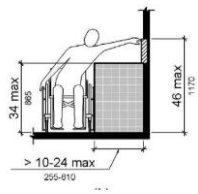
308.3.2 Obstructed High Side Reach



Outlets Over Countertops

40

Question: The typical reach depth to the wall over a countertop is more than 24 inches. How can I make outlets and controls over the countertop accessible?

41

Operability

Recommended:

- **buttons - raised/flush (not recessed)**
- **no simultaneous action/ movement**
- **hand or finger dexterity not required**

Not required to comply: non-fixed portions (e.g,. keys, access cards)

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More Questions

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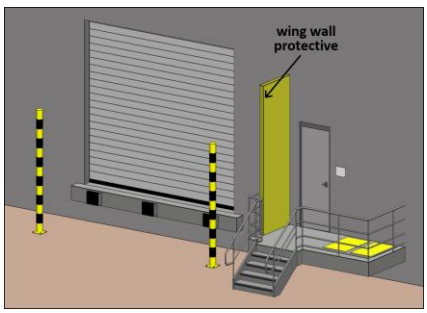
Exterior Area for Assisted Rescue



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Assistive Listening Systems

Required where (219.2):

- **audible communication integral to use of space**
- **where no audio amplification exception**
- **courtrooms do not get exception**

Not triggered by fixed seating or occupant load

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International Symbol of Accessibility

Figure 703.7.2.1
International Symbol of Accessibility

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Parking Scoping

Where a building allows for parking on all 4 sides of the structure, does each side require accessible parking spaces or can all the spaces be located near the accessible entrance?

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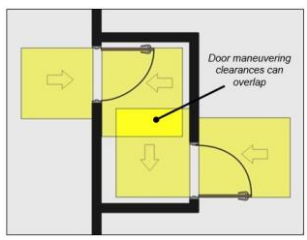
Door Maneuvering Clearance

Can a door swing across the maneuvering clearance of another door?



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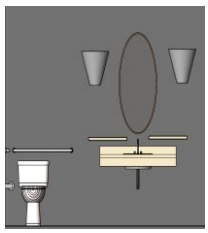
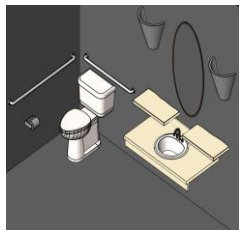
Equivalent Vanity Countertop Space





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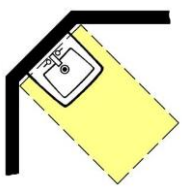
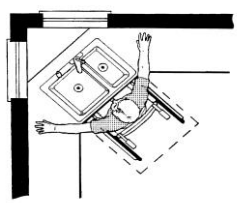
Corner Lavatories and Sinks (305 & 306)





clear floor space and knee and toe clearance provisions must be met

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Drinking Fountains & Bottle Fillers

combination of one fountain and bottle filler not "hi-low"

operable parts (205) - reach over obstruction considerations

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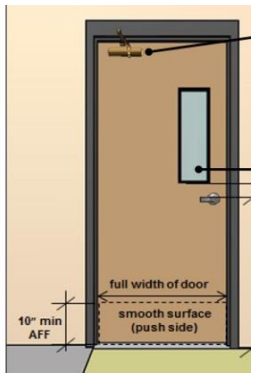

Door Stops

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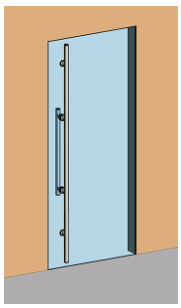
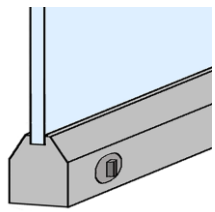
Door Surfaces





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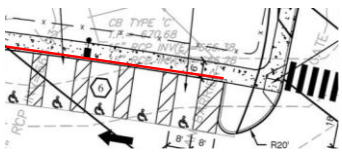
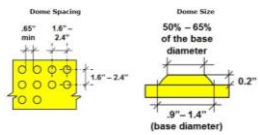
Detectable Warnings





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Artificial Turf

What part of the Standard must artificial turf comply with?

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Artificial Turf

Artificial turf is considered to be carpet and must comply with the requirements of section 302 generally and 302.2 specifically where it is used as part of an accessible route or in an accessible space.

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Grab Bars

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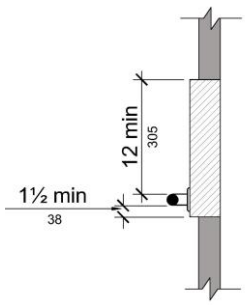
Grab Bars



Minimum amount of wall surface that can not have protrusions.

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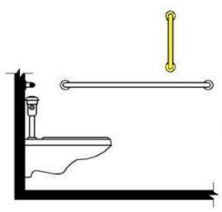
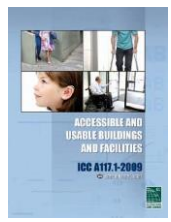
ICC/ANSI Standards - IBC





ANSI A117.1 requires 18" min. vertical grab bar – 609.3 exception permits location

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Grab Bars

Clearances around, above, and below grab bars help ensure usability.

Notice the use of the wall as well as the grab bar for positioning and stability.

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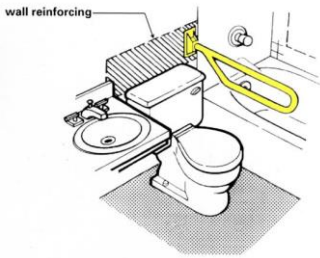
Grab Bars (609)



fold-down grab bar in home modification not covered by Standards

wall-mounted bars spread the load

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Benches

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Benches (903)

Q. Are park benches required to adhere to the bench size stated in 903.3
(42” long min. and 20” to 24” deep)

A. No, there are only requirements for a bench complying with 903 in dressing, fitting, and locker rooms; in saunas and steam rooms; and if provided in holding and housing cells of detention facilities required to provide mobility features.

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Benches

ABA Requirements for Outdoor Developed Areas:

1011 Outdoor Constructed Features – Benches

Proposed Accessibility Guidelines for PROW:

R212 Street Furniture – Benches

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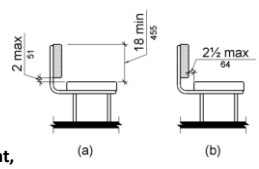
Benches (changing)

- **Clear floor space**
- **42 inches long minimum**
- **20 minimum – 24 inches maximum in width**
- **Back support**
- **17 – 19 inches height**
- **Structural strength**
- **Seat surface -slip resistant, no water accumulation**



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

Where to direct questions

U.S. Department of Justice

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

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(800) 514-0383 (TTY)
www.ada.gov

U.S. Access Board

- 2010 Accessibility Standards for new construction and alterations

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(800) 993-2822 (TTY)
(202) 272-0081 (FAX)
ta@access-board.gov
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Course Title: Open Q & A
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