

**UNIVERSITY OF CONNECTICUT**  
**CENTER FOR STUDENTS WITH DISABILITIES**  
**ACCESSIBILITY CHECKLIST FOR**  
**RENOVATIONS AND NEW CONSTRUCTION**



**Spring 2011**

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Building/Project \_\_\_\_\_

Project # \_\_\_\_\_

Date Reviewed \_\_\_\_\_

The accessibility checklist for renovations and new construction has been developed by the Center for Students with Disabilities at the University of Connecticut (UConn) in an effort to assure physical and programmatic access to all University programs and services for individuals with disabilities. These standards have been adapted for UConn use and are based on the 2010 Americans with Disabilities Act (ADA) Standards for Accessible Design (published on September 15, 2010). For a full set of the 2010 Standards, please refer to <http://www.ada.gov/regs2010/2010ADAStandards/2010ADASTandards.htm>. When applicable, each section contains the corresponding section in the 2010 Standards.

## Table of Contents

Entrances and Doors .....	3
Ramps .....	4
Curb Ramps .....	4
Elevators .....	5
Drinking Fountains and Water Coolers .....	6
Bathrooms .....	6
Water Closets/Toilets .....	6
Urinals .....	9
Lavatories, Mirrors, Sinks.....	10
Bathtubs .....	11
Shower Compartments .....	12
Dispensers and Wall-mounted Fixtures .....	14
Laundry Facilities .....	14
Areas of Rescue Assistance .....	15
Stairs .....	16
Ground and Floor Surfaces .....	16
Protruding Objects .....	17
Public Telephones.....	17
Assembly Areas, Auditoriums and Lecture Halls .....	18
Signage .....	20
Fixed or Built-in Seating, Tables, Computer Workstations, Counters.....	21
Food Service Areas.....	21
Parking Spaces .....	22
Overall Comments .....	23
Appendix – Architectural and Physical Barriers – Key Issues .....	24
A. Classrooms .....	24
B. Libraries .....	24
C. Administrative Offices.....	24
D. Assembly Areas.....	24
E. Eating and Social Areas .....	24
F. Study Areas .....	24
G. Traffic Flow .....	24
H. Support Areas.....	25
I. Other Issues.....	25
J. Housing .....	25
K. New versus Existing Facilities .....	25
L. Signage and Information Communication.....	26
M. Off-campus Programming .....	26
N. Consultation.....	26
O. Technology Issues .....	26
References.....	27
Technical Assistance .....	27

**Entrances and Doors (Section 404 – Doors, Doorways and Gates)**

1. Accessible entrances are connected by an accessible route to public transportation stops, accessible passenger loading zones, and public streets or sidewalks.  
 Yes       No       Not Apparent       Not Applicable
2. Entrances are also connected by an accessible route to all accessible spaces or elements within the building.  
 Yes       No       Not Apparent       Not Applicable
3. Revolving doors and turnstiles are not the only means of passage at an accessible entrance.  
 Yes       No       Not Apparent       Not Applicable
4. Slow-opening, low-powered, automatic doors are included on all exterior accessible entrances.  
 Yes       No       Not Apparent       Not Applicable
5. Door opener push plates are mounted no higher than 48 inches for a front or side  
 Yes       No       Not Apparent       Not Applicable
6. Door openings provide a clear width of 36 inches.  
 Yes       No       Not Apparent       Not Applicable
7. Interior corridor doors are equipped with magnetic holds.  
 Yes       No       Not Apparent       Not Applicable
8. The minimum space between two doors in a series is 48 inches plus the width of any door swing into the space.  
 Yes       No       Not Apparent       Not Applicable
9. Doors in public use areas require no more than 5 pounds of force to open.  
 Yes       No       Not Apparent       Not Applicable
10. Door hardware is easy to grasp with one hand and does not require tight grasping, pinching, or twisting of the wrist.  
 Yes       No       Not Apparent       Not Applicable
11. Thresholds do not exceed ½ inch in height.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Ramps (Entrance) (Section 405)**

- 1. Maximum slope is 1:12 inches (preference is for 1:20).  
 Yes       No       Not Apparent       Not Applicable
- 2. Minimum width is 36 inches.  
 Yes       No       Not Apparent       Not Applicable
- 3. Ramp includes level landings at the bottom and top that are as wide as the ramp run leading to it.  
 Yes       No       Not Apparent       Not Applicable
- 4. Landing length is a minimum of 60 inches.  
 Yes       No       Not Apparent       Not Applicable
- 5. Handrails are provided on both sides of ramp (if the ramp run has a rise greater than 6 inches or a horizontal projection greater than 72 inches).  
 Yes       No       Not Apparent       Not Applicable
- 6. Handrails extend at least 12 inches beyond the top and bottom of the ramp.  
 Yes       No       Not Apparent       Not Applicable
- 7. Handrails are mounted between 34-38 inches above the ramp.  
 Yes       No       Not Apparent       Not Applicable

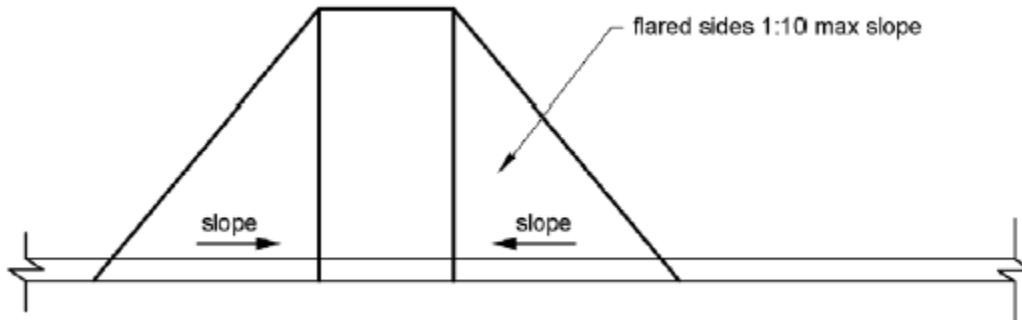
**Additional Comments:** \_\_\_\_\_  
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**Curb Ramps (on sidewalks, at crosswalks, etc.) (Section 406)**

- 1. Maximum slope is 1:20 inches.  
 Yes       No       Not Apparent       Not Applicable



2. Minimum width is 36 inches (exclusive of the flared sides).  
 Yes       No       Not Apparent       Not Applicable
3. Flared sides are provided with a maximum slope of 1:10 inches.  
 Yes       No       Not Apparent       Not Applicable



**Additional Comments:** \_\_\_\_\_

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**Elevators (Section 407)**

1. Elevator is on an accessible route.  
 Yes       No       Not Apparent       Not Applicable
2. Call buttons in elevator lobbies and halls are centered at 48 inches above the floor.  
 Yes       No       Not Apparent       Not Applicable
3. Minimum clear width to enter the car is 36 inches.  
 Yes       No       Not Apparent       Not Applicable
4. Dimensions of the elevator car are 80 inches wide by 51 inches deep.  
 Yes       No       Not Apparent       Not Applicable
5. All control buttons are designated by Braille and raised letters or numbers.  
 Yes       No       Not Apparent       Not Applicable
6. Floor buttons are no higher than 48 inches above the floor for a front or side approach.  
 Yes       No       Not Apparent       Not Applicable
7. An emergency phone with 911 button is included, is at the bottom of the control panel, and is at least 35 inches above the floor.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
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**Drinking Fountains and Water Coolers (Section 602)**

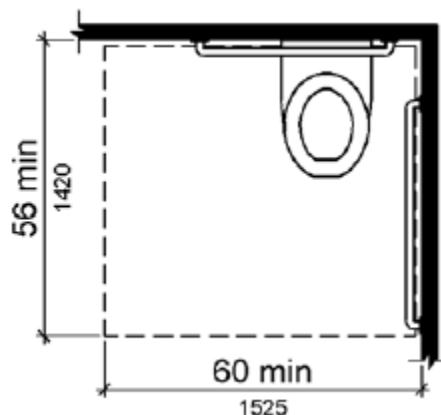
- 1. Spouts are no higher than 36 inches from the floor to the spout outlet.  
 Yes       No       Not Apparent       Not Applicable
  
- 2. Controls are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist (force to operate is no greater than 5 lbf.).  
 Yes       No       Not Apparent       Not Applicable
  
- 3. Clear knee space is at least 27 inches high between the bottom of the apron and the floor, 30 inches wide, and 17-19 inches deep in a wall-mounted unit.  
 Yes       No       Not Apparent       Not Applicable
  
- 4. A clear floor space of 30 inches by 48 inches is provided to allow a person in a wheelchair to approach the unit facing forward.  
 Yes       No       Not Apparent       Not Applicable
  
- 5. A clear floor space at least 30 inches by 48 inches is provided for built-in units not having a clear space under them.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
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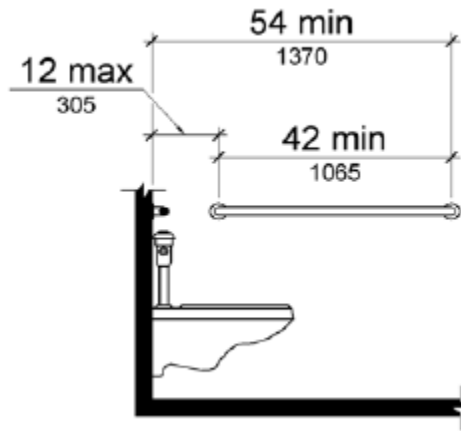
**BATHROOMS**

**Water Closets/Toilets (Sections 603 & 604)**

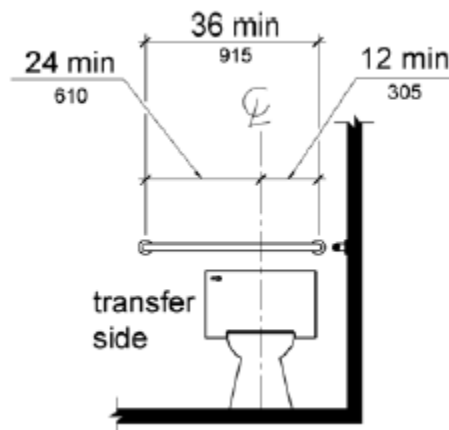
- 1. Clearance around a water closet is 60 inches minimum measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall.  
 Yes       No       Not Apparent       Not Applicable



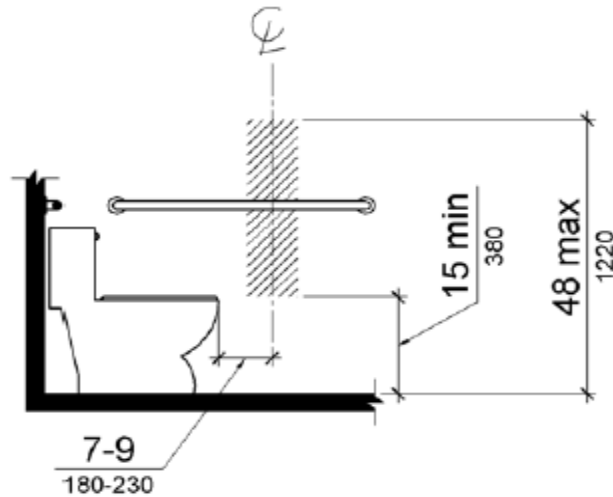
2. A 60-inch diameter unobstructed turning space is provided for wheelchair users and is on an accessible route.  
 Yes       No       Not Apparent       Not Applicable
3. A 9-inch toe clearance is provided above the floor (if the depth of the stall is greater than 60 Inches then the toe clearance is not required).  
 Yes       No       Not Apparent       Not Applicable
4. Flush controls are hand operated or automatic and do not require tight grasping, pinching or twisting of the wrist (force to operate is no greater than 5 lbf.).  
 Yes       No       Not Apparent       Not Applicable
5. A side wall grab bar is provided and is at least 42 inches long, is located 12 inches maximum from the rear wall and extends at least 54 inches from the rear wall.  
 Yes       No       Not Apparent       Not Applicable



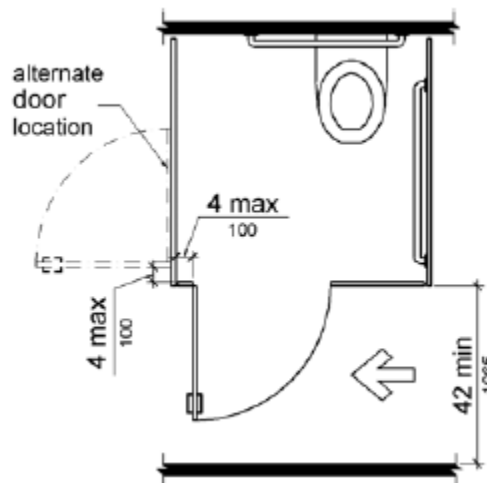
6. A rear wall grab bar is provided and is at least 36 inches long, extends at least 12 inches minimum from the centerline of the water closet on one side and at least 24 inches on the other side.  
 Yes       No       Not Apparent       Not Applicable



7. The seat height of the water closet is 17 inches minimum and 19 inches maximum to the top of the toilet seat.  
 Yes       No       Not Apparent       Not Applicable
8. Toilet paper dispensers are within reach, are at least 15 inches above and no higher than 48 inches above the finish floor, are not located behind grab bars, and permit a continuous paper flow.  
 Yes       No       Not Apparent       Not Applicable



9. Door does not swing into the clear floor space or clearance required for any; door is located in the front partition or in the side wall or partition farthest from the water closet; clearance between the door side of the compartment and any obstruction is at least 42 inches.  
 Yes       No       Not Apparent       Not Applicable



**Additional Comments:** \_\_\_\_\_

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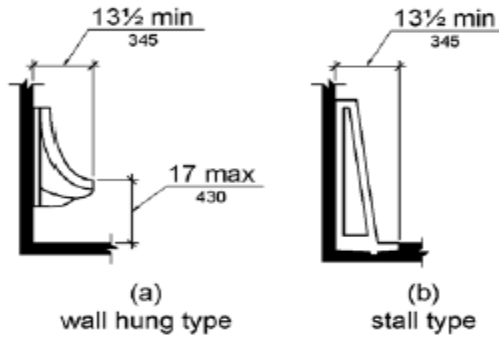
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**Urinals (Section 605)**

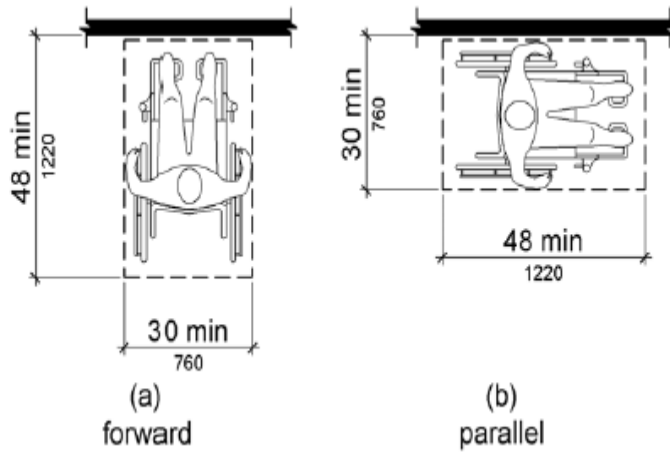
1. Urinals are stall-type or wall-hung type with the rim 17 inches maximum above the finish floor, and are at least 13 ½ inches deep measured from the outer face of the urinal rim to the back of the fixture.

- Yes       No       Not Apparent       Not Applicable



2. A clear floor space is at least 30 inches by 48 inches.

- Yes       No       Not Apparent       Not Applicable



3. Flush controls are hand operated or automatic and do not require tight grasping, pinching or twisting of the wrist (force to operate is no greater than 5 lbf.).

- Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
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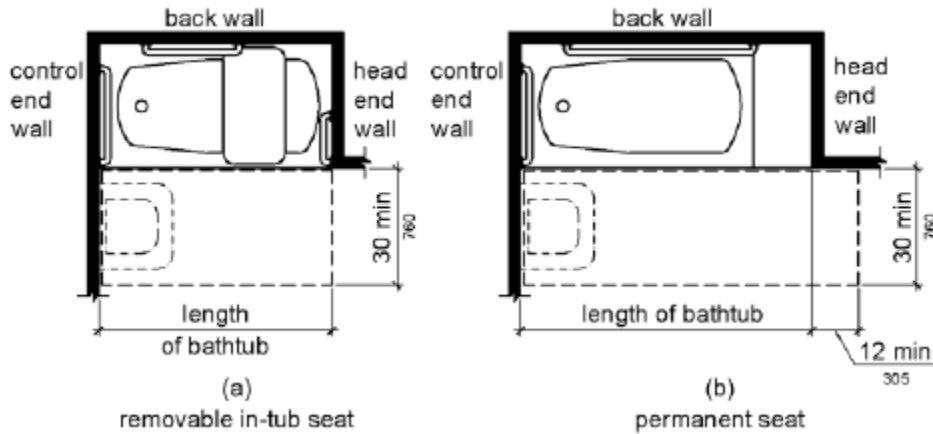
**Lavatories, Mirrors, Sinks (Section 606)**

- 1. Counter surface is no higher than 34 inches above the finish floor.  
 Yes       No       Not Apparent       Not Applicable
- 2. Minimum depth is at least 17 inches.  
 Yes       No       Not Apparent       Not Applicable
- 3. Knee clearance of at least 29 inches above the floor is provided.  
 Yes       No       Not Apparent       Not Applicable
- 4. A clear floor space of 30 inches by 48 inches is provided in front to allow a forward approach.  
 Yes       No       Not Apparent       Not Applicable
- 5. Hot water and drainpipes under lavatories are insulated or configured to protect against contact.  
 Yes       No       Not Apparent       Not Applicable
- 6. Faucets are lever-operated, push-type or electronically controlled (they are hand operated or automatic and do not require tight grasping, pinching or twisting of the wrist (force to operate is no greater than 5 lbf.)).  
 Yes       No       Not Apparent       Not Applicable
- 7. Mirrors located above lavatories or countertops are mounted with the bottom edge of the reflecting surface no higher than 40 inches above the finish floor.  
 Yes       No       Not Apparent       Not Applicable
- 8. Mirrors not located above lavatories or countertops are mounted with the bottom edge of the reflecting surface no higher than 35 inches above the finish floor.  
 Yes       No       Not Apparent       Not Applicable

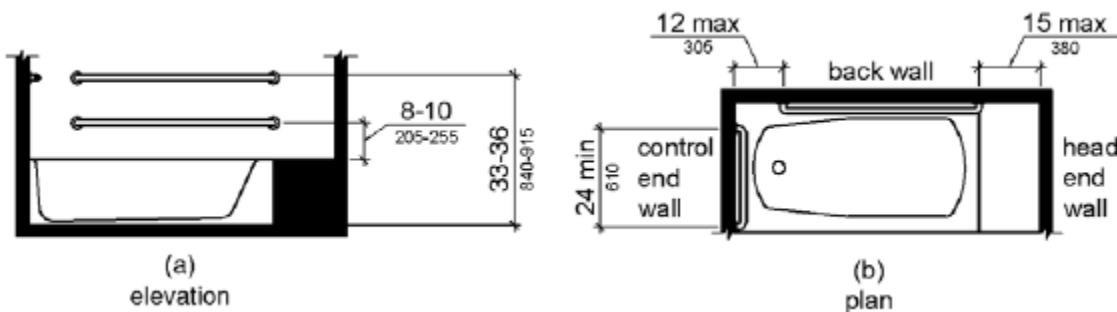
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**Bathtubs (Section 607)**

1. Clearance in front of bathtub extends the length of the bathtub and is at least 30 inches wide.  
 Yes       No       Not Apparent       Not Applicable

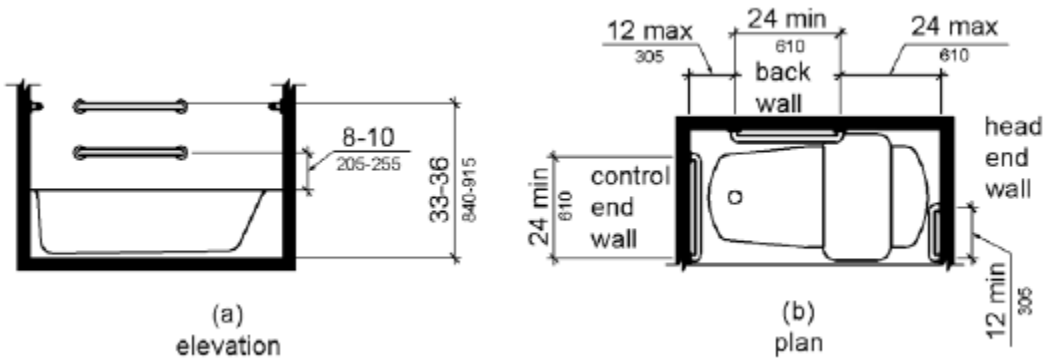


2. A permanent seat at the head end of the bathtub or removable in-tub seat is provided.  
 Yes       No       Not Apparent       Not Applicable
3. In a bathtub with a permanent seat, two grab bars are installed on the back wall, one at least 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface, and one at least 8 inches minimum and 10 inches maximum above the rim of the bathtub. Each bar is installed 15 inches maximum from the head end wall and 12 inches maximum for the control end wall.  
 Yes       No       Not Apparent       Not Applicable
4. A grab bar at least 24 inches is installed on the control end wall at front edge of bathtub.  
 Yes       No       Not Apparent       Not Applicable



5. In a bathtub without a permanent seat, two grab bars are installed on the back wall, one at least 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface, and one at least 8 inches minimum and 10 inches maximum above the rim of the bathtub. Each bar is at least 24 inches long and is installed 24 inches maximum from the head end wall and 12 inches maximum from the control end wall.  
 Yes       No       Not Apparent       Not Applicable

6. A grab bar at least 12 inches minimum is installed on the head end wall at the front edge of the bathtub.
- Yes       No       Not Apparent       Not Applicable



7. Controls are located on an end wall and are between the bathtub rim and grab bar, and between the open side of the bathtub and centerline of the width of the bathtub.
- Yes       No       Not Apparent       Not Applicable
8. Controls are hand operated or automatic and do not require tight grasping, pinching or twisting of the wrist (force to operate is no greater than 5 lbf.).
- Yes       No       Not Apparent       Not Applicable
9. A shower spray unit with a hose at least 59 inches long that can be used both as a fixed shower head and as a hand-held shower is provided.
- Yes       No       Not Apparent       Not Applicable

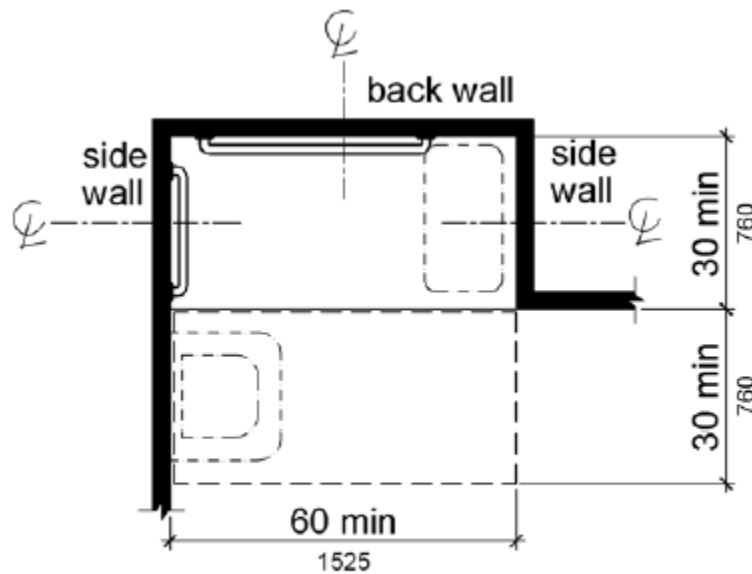
**Additional Comments:** \_\_\_\_\_

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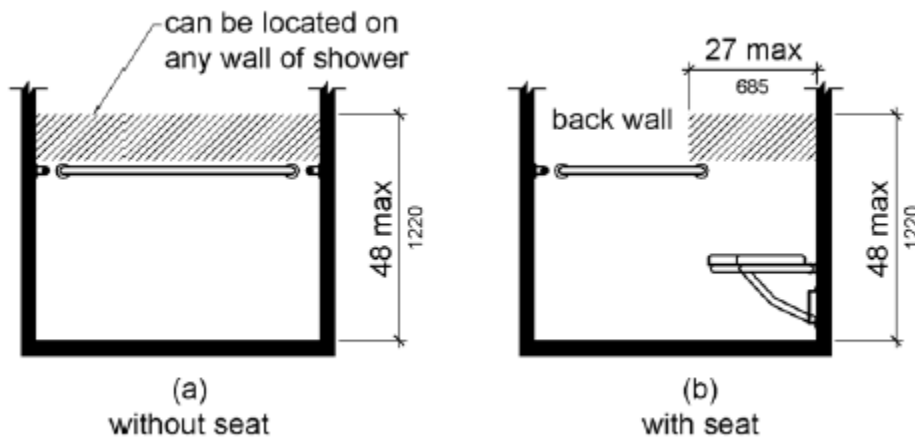
**Shower Compartments (for standard roll-in showers with a seat) (Section 608)**

1. Shower is at least 30 inches wide by at least 60 inches deep and has at least a 60 inch wide entry on the face of the shower compartment.
- Yes       No       Not Apparent       Not Applicable
2. A 30 inch wide minimum by 60 inch long minimum clearance is provided adjacent to the open face of the shower compartment.
- Yes       No       Not Apparent       Not Applicable



Note: inside finished dimensions measured at the center points of opposing sides

3. A fixed folding type seat is provided and mounted on the wall adjacent to the controls between 17-19 inches from the bathroom floor.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
4. Grab bars are provided on the back and side walls opposite the seat and are 33-36 inches above the shower floor.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
5. Controls, faucets and shower spray unit are located above the grab bar and no higher than 48 inches above the shower floor.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
6. Controls, faucets and shower spray unit are installed on the back wall adjacent to the seat wall and are located no higher than 27 inches from the seat wall.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
7. Shower spray unit with a hose at least 59 inches long that can be used both as a fixed shower head and as a handheld shower is provided.
  - Yes
  - No
  - Not Apparent
  - Not Applicable



**Additional Comments:** \_\_\_\_\_  
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**Dispensers and Wall-Mounted Fixtures** (soap, paper towels, light switches, coat hooks etc.)

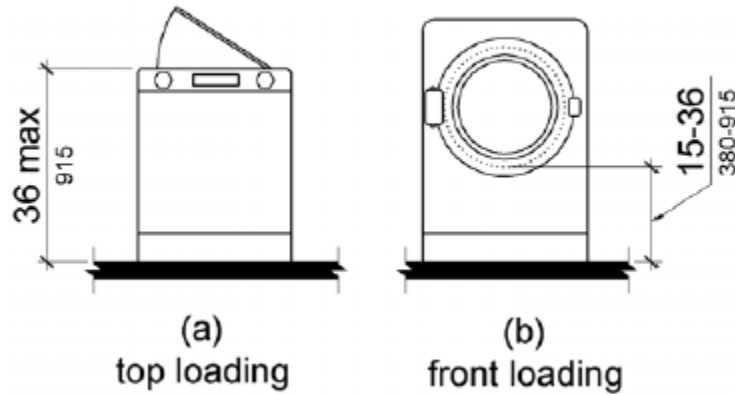
1. Clear floor space allows a forward or parallel approach by a person using a wheelchair.  
 Yes       No       Not Apparent       Not Applicable
  
2. If the clear floor space only allows a forward approach to an object, the maximum high forward reach is 48 inches to the top of the object.  
 Yes       No       Not Apparent       Not Applicable
  
3. If the clear floor space allows a parallel approach to an object, the maximum high side reach is 54 inches to the top of the object.  
 Yes       No       Not Apparent       Not Applicable
  
4. Controls and operating mechanisms are operable with one hand and do not require tight grasping, pinching or twisting of the wrist (force required to activate controls is no greater than 5 lbf.).  
 Yes       No       Not Apparent       Not Applicable
  
5. Medicine cabinets with a usable shelf are no higher than 44 inches above the floor.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
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**Laundry Facilities (Section 611)**

1. A clear floor space of at least 30 inches by 48 inches is provided.  
 Yes       No       Not Apparent       Not Applicable
  
2. Top loading machines have the door to the laundry compartment located 36 inches maximum above the finish floor.  
 Yes       No       Not Apparent       Not Applicable
  
3. Front loading machines have the bottom of the opening to the laundry compartment located 15 inches minimum and 36 inches maximum above the finish floor.  
 Yes       No       Not Apparent       Not Applicable

4. Mechanisms are easy to grasp with one hand and do not require tight grasping, pinching, or twisting of the wrist.
- Yes       No       Not Apparent       Not Applicable



**Additional Comments:** \_\_\_\_\_

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**Areas of Rescue Assistance**

1. Although not a code requirement, in sprinklered buildings UConn standards include areas of rescue assistance.
 

Yes       No       Not Apparent       Not Applicable
2. A method of two-way communication with both visual and audible signals is provided.
 

Yes       No       Not Apparent       Not Applicable
3. Each area of rescue assistance is identified by a sign which states "AREA OF RESCUE ASSISTANCE" and displays the international symbol of accessibility.
 

Yes       No       Not Apparent       Not Applicable
4. Signage is installed at all inaccessible exits and where otherwise necessary to clearly indicate the direction to areas of rescue assistance.
 

Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_

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**Stairs (Section 504)**

- 1. All steps have uniform riser heights and tread widths. Risers are 4 inches high minimum and 7 inches high maximum.  
 Yes       No       Not Apparent       Not Applicable
- 2. All treads are at least 11 inches deep.  
 Yes       No       Not Apparent       Not Applicable
- 3. Abrasive, contrasting color nosings are provided.  
 Yes       No       Not Apparent       Not Applicable
- 4. Stairways have continuous handrails on both sides of all stairs.  
 Yes       No       Not Apparent       Not Applicable
- 5. Stairs are a color other than white.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Ground and Floor Surfaces (Section 404)**

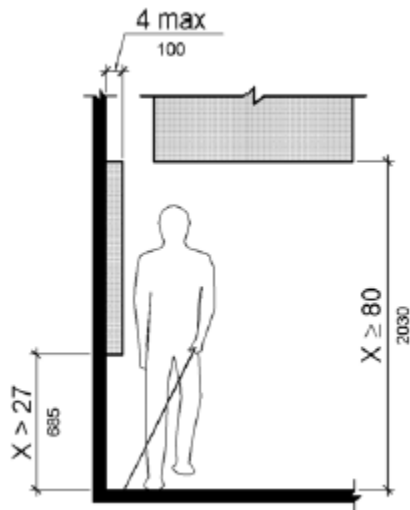
- 1. Changes in level up to ¼ inch may be vertical and without edge treatment. Changes in level between ¼ inch and ½ inch are beveled with a slope no greater than 1:2. Changes in level greater than ½ inch are accomplished by means of a ramp that complies with the ramp section.  
 Yes       No       Not Apparent       Not Applicable
- 2. If carpet or carpet tile is used on a ground or floor surface, then it is securely attached; has a firm cushion, pad, or backing, or no cushion or pad; and has a level loop, textured loop, level cut pile, or level cut/uncut pile texture. The maximum pile thickness is ½ inch. Exposed edges of carpet are fastened to floor surfaces and have trim along the entire length of the exposed edge.  
 Yes       No       Not Apparent       Not Applicable
- 3. If gratings are located in walking surfaces, they have spaces no greater than ½ inch wide in one direction.  
 Yes       No       Not Apparent       Not Applicable
- 4. If gratings have elongated openings, then they are placed so that the long dimension is perpendicular to the dominant direction of travel.  
 Yes       No       Not Apparent       Not Applicable



Additional Comments: \_\_\_\_\_  
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**Protruding Objects (Section 307)**

- 1. Objects projecting from walls (for example, telephones) with their leading edges between 27 inches and 80 inches above the finished floor protrude no more than 4 inches into walks, halls, corridors, passageways, or aisles.  
 Yes       No       Not Apparent       Not Applicable
  
- 2. Protruding objects do not reduce the clear width of an accessible route or maneuvering space.  
 Yes       No       Not Apparent       Not Applicable



Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
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**Public Telephones (Section 704)**

- 1. Telephones are hearing aid compatible.  
 Yes       No       Not Apparent       Not Applicable
  
- 2. A clear floor space of at least 30 inches by 48 inches is provided that allows a wheelchair user a forward or parallel approach.  
 Yes       No       Not Apparent       Not Applicable

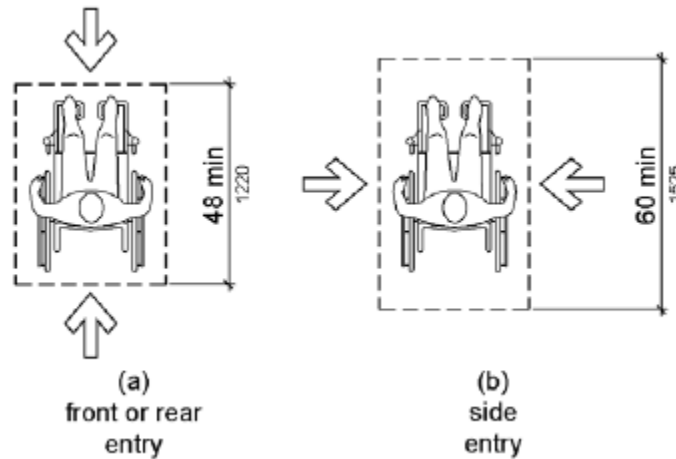
3. Maximum mounting height is 48 inches for a forward approach, 54 inches for a parallel approach (to the top of the phone).  
 Yes       No       Not Apparent       Not Applicable
4. Telephone books, if provided, are located in a position that complies with the reach ranges specified above.  
 Yes       No       Not Apparent       Not Applicable
5. The cord from the telephone to the handset is at least 29 inches long.  
 Yes       No       Not Apparent       Not Applicable
6. A Telecommunication Device for the Deaf (TDD) is included in a bank of 4 or more public phones and is identified by the international TDD symbol.\*  
 Yes       No       Not Apparent       Not Applicable
7. TDD is permanently affixed within, or adjacent to, the telephone enclosure.  
 Yes       No       Not Apparent       Not Applicable
8. Pay telephones designed to accommodate a portable TDD are equipped with a shelf and an electrical outlet within or adjacent to the telephone enclosure.  
 Yes       No       Not Apparent       Not Applicable
9. A campus phone is included near the accessible entrance, which provides protection from the elements and an unobstructed view to the accessible van.  
 Yes       No       Not Apparent       Not Applicable

\*A portable TDD may be available in another area of a building (i.e., information desk) if it is not feasible to include one in the public phone area. In this case, signage is necessary to direct individuals to the location of the TDD.

**Additional Comments:** \_\_\_\_\_  
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**Assembly Areas, Auditoriums and Lecture Halls (Section 802)**

1. Wheelchair areas are an integral part of any fixed seating plan and are provided so as to provide people with physical disabilities a choice of admission prices and lines of sight comparable to those for members of the general public.  
 Yes       No       Not Apparent       Not Applicable
2. Each wheelchair location provides minimum clear ground or floor spaces.  
 Yes       No       Not Apparent       Not Applicable



3. Accessible seating adjoins an accessible route that also serves as a means of egress in case of emergency.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
4. At least one companion seat (fixed or movable) is provided next to each wheelchair seating area.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
5. In lecture halls/auditoriums where wheelchair seating is provided, a fixed or movable table at a height between 28-34 inches from the floor is included.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
6. When the seating capacity exceeds 300, wheelchair spaces are provided in more than one location.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
7. Readily removable seats are installed in wheelchair spaces when the spaces are not required to accommodate wheelchair users.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
8. An accessible route connects wheelchair seating locations with performing areas, including stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers.
  - Yes
  - No
  - Not Apparent
  - Not Applicable
9. In facilities where coat hooks are provided, at least one hook is at an accessible height for persons who use wheelchairs (48 inches maximum for a forward approach, 54 inches maximum for a parallel approach).
  - Yes
  - No
  - Not Apparent
  - Not Applicable
10. If the listening system provided serves individual fixed seats, then such seats are located within a 50 ft viewing distance of the stage or playing area and have a complete view of the stage or playing area.\*
  - Yes
  - No
  - Not Apparent
  - Not Applicable

\*Assistive listening systems (ALS) are intended to augment standard public address and audio systems by providing signals which can be received directly by persons with special receivers or their own hearing aids and which eliminate or filter background noise. The type of assistive listening system appropriate for a particular application depends on the characteristics of the setting, the nature of the program, and the intended audience. Magnetic induction loops, infra-red and radio frequency systems are types of listening systems which are appropriate for various applications.

**Additional Comments:** \_\_\_\_\_

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**Signage (Section 703)**

1. Where permanent identification is provided for rooms and spaces, signs are installed on the wall adjacent to the latch side of the door.  
 Yes       No       Not Apparent       Not Applicable
2. If there is no wall space on the latch side of the door, including at double leaf doors, signs are placed on the nearest adjacent wall.  
 Yes       No       Not Apparent       Not Applicable
3. Mounting height is between 48-60 inches above the finish floor to the centerline of the sign.  
 Yes       No       Not Apparent       Not Applicable
4. Mounting location for such signage is such that a person may approach within 3 inches of signage without encountering protruding objects or standing within the swing of a door.  
 Yes       No       Not Apparent       Not Applicable
5. Minimum character height is 3 inches.  
 Yes       No       Not Apparent       Not Applicable
6. Characters and background of signs are eggshell, matte, or other non-glare finish.  
 Yes       No       Not Apparent       Not Applicable
7. Characters and symbols contrast with their background -- either light characters on a dark background or dark characters on a light background.  
 Yes       No       Not Apparent       Not Applicable
8. Letters and numerals are raised 1/32 inches minimum, upper case, sans serif or simple serif type and are accompanied with Grade 2 Braille.  
 Yes       No       Not Apparent       Not Applicable
9. Raised characters are at least 5/8 inches high, but no higher than 2 inches.  
 Yes       No       Not Apparent       Not Applicable
10. Pictograms are accompanied by the equivalent verbal description placed directly below the pictogram.  
 Yes       No       Not Apparent       Not Applicable
11. Facility uses the international symbol of accessibility.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Fixed or Built-in Seating, Tables, Computer Workstations, Counters**

- 1. Knee clearance is at least 27 inches high, 30 inches wide and 19 inches deep at tables and/or counters.  
 Yes       No       Not Apparent       Not Applicable
- 2. Height of accessible tables or counters is between 28-34 inches from the floor.  
 Yes       No       Not Apparent       Not Applicable
- 3. Access aisles are at least 36 inches wide.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

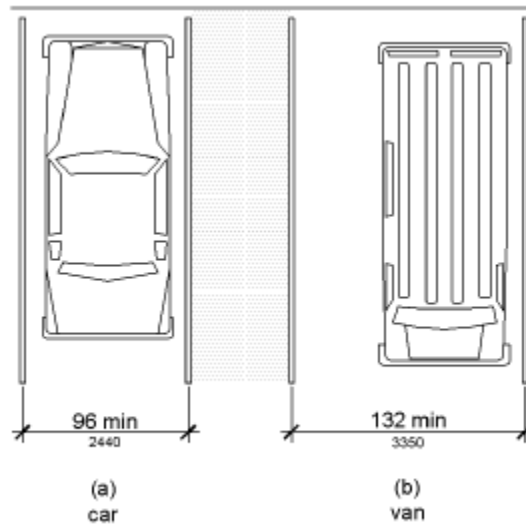
**Food Service Areas**

- 1. If food or drink is served at counters exceeding 34 inches in height for consumption by customers seated on stools or standing at counters, a portion of the main counter which is 60 inches in length minimum is provided and is between 28-34 inches above the floor.  
 Yes       No       Not Apparent       Not Applicable
- 2. Food service lines are at least 36 inches wide with a preference for 42 inches.  
 Yes       No       Not Apparent       Not Applicable
- 3. Tray slides are mounted no higher than 34 inches above the floor.  
 Yes       No       Not Apparent       Not Applicable
- 4. Tableware and condiment areas are accessible with a maximum height between 48-54 inches above the floor.  
 Yes       No       Not Apparent       Not Applicable

**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Parking Spaces (Section 502)**

- 1. Accessible spaces are located on the shortest accessible route of travel from adjacent parking to an accessible entrance.  
 Yes       No       Not Apparent       Not Applicable
- 2. Car parking spaces are at least 96 inches wide.  
 Yes       No       Not Apparent       Not Applicable
- 3. Van parking spaces are at least 132 inches wide.  
 Yes       No       Not Apparent       Not Applicable
- 4. Accessible spaces do not share cross-hatching (access aisles) and are marked so as to discourage parking in them.  
 Yes       No       Not Apparent       Not Applicable
- 5. Slope does exceed 1:48 inches in all directions.  
 Yes       No       Not Apparent       Not Applicable
- 6. Accessible spaces are designated as reserved by a sign showing the International Symbol of Accessibility.  
 Yes       No       Not Apparent       Not Applicable



**Additional Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Appendix

### Architectural and Physical Barriers - Key Issues

#### A. Classrooms

- Access for both students and faculty should be considered.
- Teaching areas requiring use of steps should be avoided.
- Large classrooms should provide a choice of wheelchair accessible seating.
- Federal design standards specify requirements for new construction.

#### B. Libraries

- Consider access to shelved book areas, computer areas (compatibility of software to assistive technology), photocopy machines, card catalogues, and support service areas.
- Small rooms or other private spaces for Kurzweil reading machines, video-enlarging machines, tape recording equipment, and private study space for special exams should be considered in planning library space.
- Other helpful library equipment includes Braille printers and microfiche machines accessible to wheelchair users and adaptive software for computers (voice output and screen enlargement).
- Furniture for libraries should take access into account. Typical table heights are 29 inches, which is also the minimum knee clearance needed below a table for someone who uses a wheelchair.

#### C. Administrative Offices

- The location and ready access to administrative offices (particularly admissions, financial aid, student services, registrar, and placement) should be carefully considered.
- These areas should be readily accessible to individuals who use wheelchairs or who have mobility impairments.

#### D. Assembly Areas

- Auditoriums should provide access not only for those in the audience but for speakers, etc.
- Assembly areas that accommodate numerous public forums may be required to provide FM systems to accommodate hearing impairments (ADA design standards provide guidance on this).

#### E. Eating and Social Areas

- Eating areas and social areas should be located so that they are physically accessible.
- Not every part of every such room must be able to be used by a wheelchair user, but the general area as a whole should be reasonably accessible.
- Students in wheelchairs should have reasonable access to cafeteria service if such is provided.
- Nonstructural items such as vending machines, microwave ovens, check-out aisles, condiment tables and furniture must be accessible.

#### F. Study Areas

- A reasonable number of accessible carrel areas (if these are provided) and other comparable access should be available.
- Small study rooms for special uses such as exams should be considered in planning new space.

#### G. Traffic Flow

- Thought should be given to how students, faculty, staff, and the public move about space in facilities.
- Restricted hours on weekends and other times should be considered.



- If certain entrances and exits are affected for security or other reasons, thought should be given to the impact on access to important areas of the facility, such as the library.
- Card access control systems or telephone access to secured areas after hours should be accessible to people with vision and learning impairments. These should also address the limits of people with mobility impairments.

#### H. Support Areas

- Keep in mind not only students, but faculty, staff, and the public.
- Access in faculty offices, staff support areas, and areas used by the public should provide appropriate access.
- Think about areas such as career service offices and clinic space where others outside the school community regularly visit.

#### I. Other Issues

- Attention to parking, restrooms, and elevators is essential.
- Having elevators in good working order is essential for some facilities for reasonable access.
- Thought should be given to emergency evacuation plans for individuals who cannot use stairs.
- Although physical plant access usually involves individuals with mobility impairments, having telephone facilities for individuals with hearing impairments and barriers affecting individuals with visual impairments should be taken into account in planning.
- The ADA regulations specify Telecommunication Device for the Deaf (TDD) requirements.
- Keep in mind chemical sensitivities and their effect in planning for transition into new space and in the renovation process. Carpet, paint, and similar odors can be a significant problem.
- Classes and other programs may need to be moved during some renovation.
- Some individuals are sensitive to chalk dust, and this should be a consideration in deciding whether to have chalk boards or whiteboards.

#### J. Housing

- Multiunit dwellings constructed after March 1991 must be designed to meet access requirements under the Fair Housing Act (FHA). FHA also requires landlord to allow tenants to make barrier removal alterations under specific conditions.
- ADA covers residence halls as places of public accommodation.

#### K. New Versus Existing Facilities

- ADA and Rehabilitation Act both have requirements relating to new versus existing facilities. The requirements are different, but some retrofitting is contemplated for existing facilities.
- All new buildings and alterations must meet applicable accessibility standards.
  - Construction after June 3, 1977 is considered new construction under Section 504 of the Rehabilitation Act
  - Construction after January 26, 1992 is considered new under the ADA
- New Construction - Specific design standards found in regulations.
- Existing Facilities
  - Title II (public institutions) - program, when viewed in its entirety, must be accessible. - 28 CFR Section 35.150; 56 Fed. Reg. 33708-710 (July 26, 1991).
  - Title III (private institutions) - barriers must be removed to ensure access to extent it is readily achievable to do so. Readily achievable means easily accomplishable without much difficult or expense. When not readily achievable, alternate methods of providing services must be implemented. 28 CFR Section 35.304; 56 Fed. Reg. 35568-571 (July 26, 1991).
- Alterations and Renovations
  - These are major changes, such as remodeling, renovation, rehabilitation, rearrangement of structural parts or walls or full-height partitions.
  - Where alterations affect primary function areas, access is required for primary area, and to the maximum extent feasible.

- THE FACILITIES REQUIREMENT MOST OVERLOOKED BY ARCHITECTS - Renovations that change the function or occupancy of a space built prior to those dates must meet the currently applicable standards within the scope of the project (renovated space) along with the supporting amenities and path of travel that serves the renovated space.

#### L. Signage and Information Communication

- The ADA and Rehabilitation Act design standards reference signage. These requirements refer to door numbering location and appearance and tactile requirements.
- Student handbooks and information provided to the public should include information on access, parking, etc. Handbooks should include the following regarding physical plant issues:
  - 1) Name of individual to whom to direct accommodations requests
  - 2) Information about accessible parking and how to obtain permits
  - 3) Location of ramped entrances
  - 4) Location of accessible restrooms
  - 5) Location of elevators
  - 6) Classroom access information
  - 7) Advance registration information where access may be an issue (If the student needs to have classes located on an accessible floor, the student may need to obtain early registration permission).
  - 8) Other access information - food service; housing; common areas, that may be unique to the facility.

#### M. Off Campus Programming

- Consideration should be given to access issues for summer abroad programs, social events and other school sponsored or supported programs that occur off campus.
- Internship/Externship placements - Location for students with mobility impairments should be planned for.

#### N. Consultation

- Architects and designers are much more knowledgeable about access requirements than in the past, but they are not always completely aware.
- Case law is not clear whether architects and designers are directly liable for ADA violations.
- In planning and contracting for services, indemnification clauses should be a consideration.
- Individuals with disabilities should be included in planning stages.

#### O. Technology Issues

- Assistive technology for individuals with hearing and visual impairments should be considered.
- Assistive technology for students with learning disabilities impacting ability to use print should be considered as well.
- Voice input technology should be considered for those with disabilities impacting ability to keyboard or write long hand.

## REFERENCES

Laura Rothstein and Julia Rothstein , *Disabilities and the Law* (3d edition) chapter 3 (higher education) and 5 (architectural barriers) ThomsonWest 2006 and cumulative supplements.

Laura Rothstein, *Millennials and Disability Law: Revisiting Southeastern Community College v Davis*, 34 *Journal of College & University Law* 169 (2007)

Laura Rothstein, *Disability Law and Higher Education: A Road Map for Where We've Been and Where We May be Heading*, 63 *Maryland Law Review* 122, 143-144, 153, 156-157 (2004)

Laura Rothstein, *Don't Roll in My Parade: The Impact of Sports and Entertainment Cases on Public Awareness and Understanding of the Americans with Disabilities Act*, 19 *The Review of Litigation* 400 (2000)

## TECHNICAL ASSISTANCE

Office of the Americans with Disabilities Act  
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Department of Justice  
P.O. Box 66118  
Washington, D.C. 20036-6118  
(202) 514-0301; (202) 514-0381 (TDD); (202) 514-0383 (TDD)

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1331 F Street, NW, Suite 1000  
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(800) USA-ABLE (Voice/TDD)  
<http://www.access-board.gov>

Association on Higher Education and Disability (AHEAD)  
P.O. Box 21192  
Columbus, Ohio 43221-0192  
(614) 488-4972 (Voice/TDD)  
<http://ahead.org>

Job Accommodation Network (JAN)  
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