

Florida Accessibility Code for Building Construction



Accessibility Training Course
Florida Building Commission

Introduction

- Course will review the Florida Accessibility Code for Building Construction ~~as contained within the Florida Building Code~~



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THE FACBC IS A SITE
SPECIFIC DOCUMENT AND
"HOMERUN" IN THE FC

Agenda

- Texts
 - Florida Building Code (FBC) – Chapter 11 – Florida Accessibility Code for Building Construction (FACBC)
 - Americans with Disabilities Act Accessibility Guidelines (ADAAG)

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Agenda

- Overview of Chapter 11
 - Table of contents
 - Identify problematic areas

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Overview

- The Florida Accessibility Code for Building Construction (FACBC) ~~Chapters 11 of the Florida Building Code (FBC)~~ was certified by the Department of Justice effective October 1, 1997

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Terminology

- General terminology – Section 11-3.4 (FBC)
- Florida Building Code (FBC) www.floridabuilding.org
- FACBC - Florida Accessibility Code for Building Construction – Chapter 11 of FBC
- ADAAG – Americans with Disabilities Act Accessibility Guidelines (FAS – Uniform Federal Accessibility Standards)

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SHOULD BE ON
OWN LINE -

Terminology

- ANSI A-17.1, A-117.1 – American National Standards Institute
- Guidelines, standards and codes
- Florida Accessibility Code – all the highlighted areas within the code are specific to Florida and are not contained within the ADAAG
- Fair Housing Accessibility Guidelines – see Chapter 11 FBC, Part B
- American Society of Mechanical Engineers (ASME)

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11-4.1 Minimum Requirements

- It is important to fully understand scoping requirements before referring to other specific sections of the code implementing its requirements



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Minimum Requirements

- 11-4.1.1 Application
- 11-4.1.2 Accessible Site & Exterior Facilities: New Construction
- 11-4.1.3 Accessible Buildings: New Construction
- 11-4.1.5 Accessible Buildings: Additions

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Minimum Requirements

- 11-4.1.6 Accessible Buildings: Alterations
- 11-4.1.7 Accessible Buildings: Historical Preservation
- 11-4.1.8 Accessible Buildings, Structures, and Facilities: Architectural Barrier Removal

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Section 11-2 General

- 11-2.2 Equivalent Facilitation
 - Departure from particular technical and scoping requirements of this code by the use of other designs and technologies are permitted where the alternative designs and technologies used will provide substantially equivalent or greater access to and usability of the facility

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Section 11-2 General

- 11-2.2 Equivalent Facilitation
 - Departure from the explicit technical and scoping requirements of this code for any element voids any otherwise applicable presumption of rebuttable evidence that the element has been constructed or altered in accordance with the minimum accessibility requirements of the ADA

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WHAT IS THE
NEED OF THIS SECTION

Section 11-3 Miscellaneous

- Graphic Conventions (11-3.1)
 - Dimensions that are not marked minimum or maximum are absolute, unless otherwise indicated in the text or captions
- Dimensional Tolerances (11-3.2)
 - All dimensions are subject to conventional building industry tolerances for field conditions

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Section 11-4.2 Space Allowance and Reach Ranges

- Minimum clear width for wheelchair passage (32/36 inches)
 - Forward reach maximums (48 inches high, 15 inches low) – changes when obstacles in way
- D SIDE REACH TEST**

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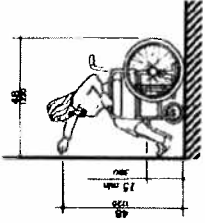
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Section 11-4.2 Space
Allowance and Reach Ranges

Florida Reach

Figure 5a



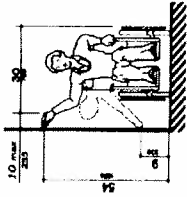
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Section 11-4.2 Space
Allowance and Reach Ranges

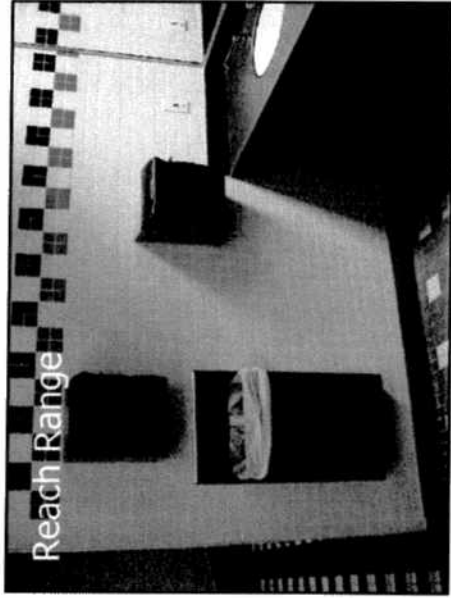
- Side Reach maximums (54 inches high, 9 inches low)

Figure 6b



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Section 11-4.3 Accessible Route

- At least one accessible route within the boundary of the site shall be provided from public transportation stops, accessible parking, and accessible passenger loading zones, and public streets or sidewalks to the accessible entrance they serve
- Accessible routes shall comply with 11-4.4.2 for head room (80 inches clear minimum)

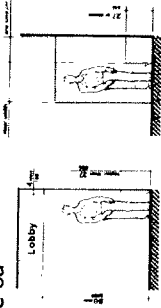
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Section 11-4.4 Protruding Objects

- Walks, halls, corridors, passageways, aisles, or other circulation spaces shall have 80 inches clear head room

Figure 8a



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Section 11-4.4 Protruding Objects

- Objects projecting from walls with their leading edges between 27 inches and 80 inches above finished floor shall protrude no more than 4 inches into walks, halls, corridors, passageways, or aisles

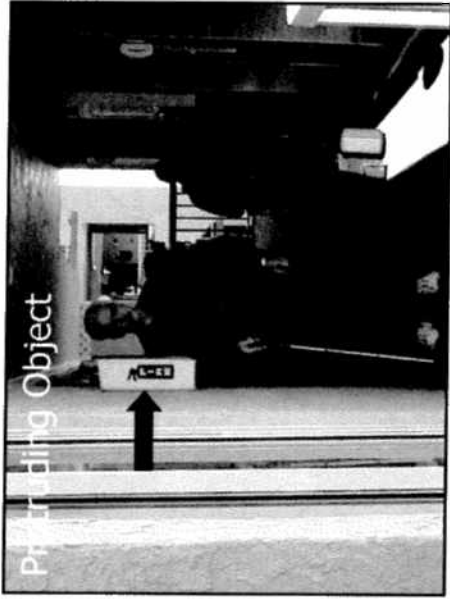
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Protruding Object



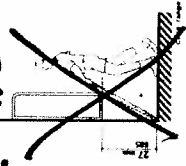
Protruding Object



Section 11-4.4 Protruding Objects

Figure 8b

USE FIGURE 8(a)

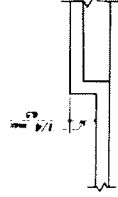


Wall Perpendicular to a Wall

Section 11-4.5 Ground & Floor Surfaces

- Changes in Level
- Changes up to 1/4 inches may be vertical and without edge treatment

Figure 7c



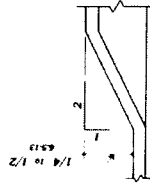
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Section 11-4.5 Ground & Floor Surfaces

- Changes between 1/4 inches and 1/2 inches shall be beveled with a slope no greater than 1:2

Figure 7d



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Section 11-4.5 Ground & Floor Surfaces

- Changes greater than 1/2 inches shall be accomplished by a ramp that complies with 11-4.7 or 11-4.8

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Parking & Passenger Loading Zones



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Section 11-4.1.2(5) Parking & Passenger Loading Zones

- Minimum number of spaces
 - 1 to 25 = 1
 - 26 to 50 = 2
 - 51 to 75 = 3
 - 76 to 100 = 4
 - 501 to 1000 = 2% of total
 - 1001 and over, 20 plus 1 for each 100 over 1000



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Section 11-4.1.2(5) Parking & Passenger Loading Zones

Figure 9a

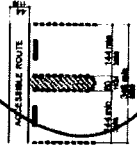
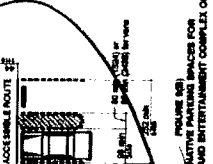


Figure 9b



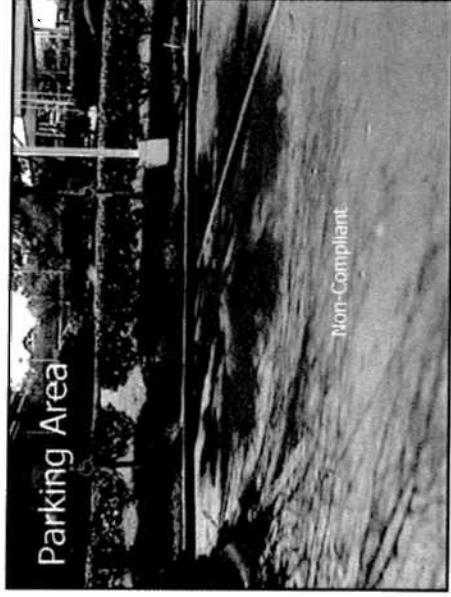
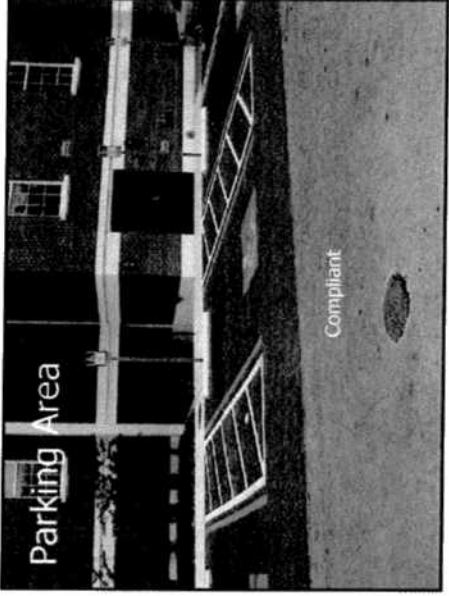
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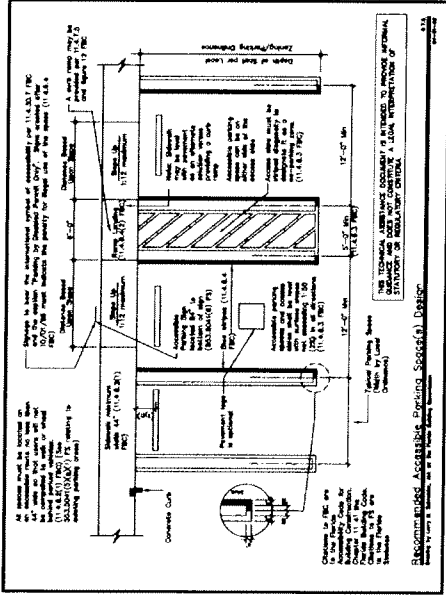
GET BETTER DIA

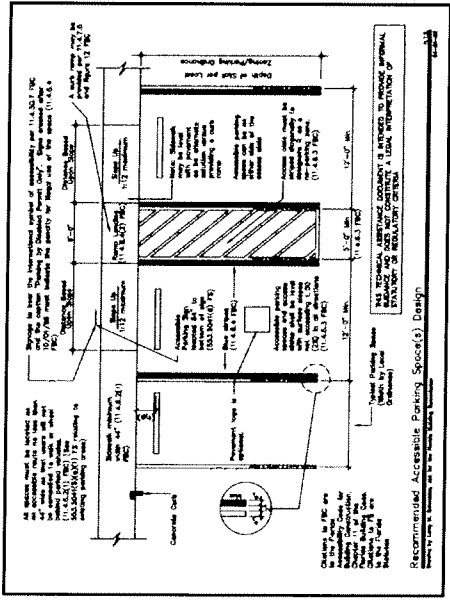
USE THE FBC APPROVED DIA



THIS IS NOT A
PASSENGER
ZONE.







Section 11-4.7 Curb Ramps

- Curb ramps and parking spaces and access aisles
- Curb ramps must be located outside of accessible parking spaces and access aisles
- Maximum slope of flared sides shall be 1:12

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Section 11-4.8 Ramps

- Any part of an accessible route with a slope greater than 1:20 shall be considered a ramp and shall comply with 11-4.8

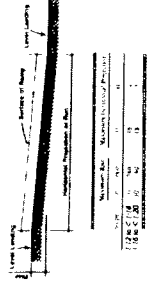
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Section 11-4.8 Ramps

- The least possible slope shall be used for any ramp. The maximum slope of a ramp in new construction shall be 1:12

Figure 16



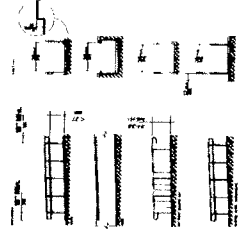
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Section 11-4.8 Ramps

- Handrails – 34 inches to 38 inches (11-4.8.5) and shall extend 18 inches at top and bottom (11-4.8.2)

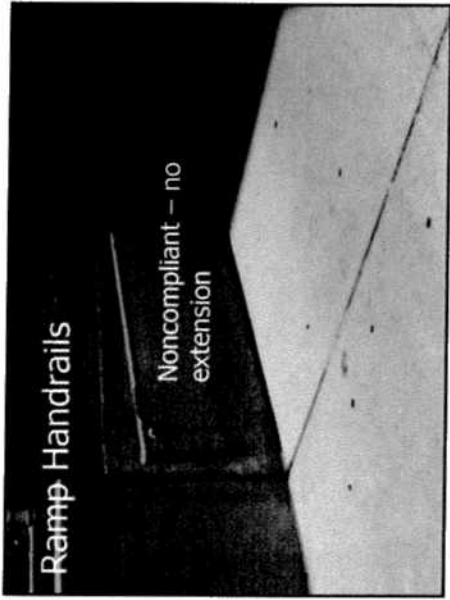
Figure 17



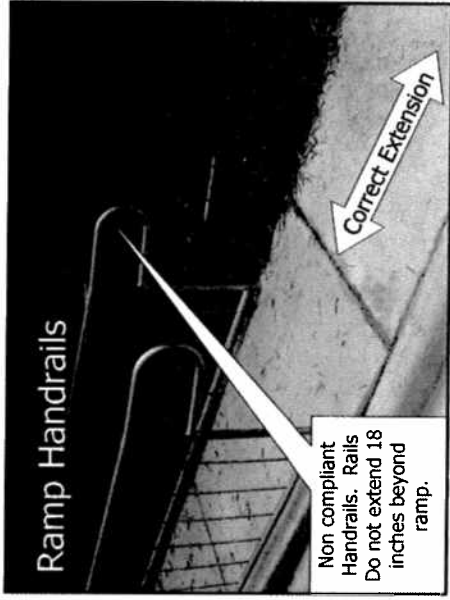
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Section 11-4.8 Ramps (Landings)

- Landings shall be at least as wide as the ramp run leading to it
- All landings on ramps shall be not less than 60 inches clear, and the bottom of each ramp shall have not less than 72 inches of straight and level clearance.
- Landings (60 x 60 inch min., 11-4.8.4.2)

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Section 11-4.8 Ramps (Landings)

- If a doorway is located at a landing, then the area in front of the doorway shall comply with 11.4.13.6

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Section 11-4.9 Stairs

- All steps shall have uniform riser heights and uniform tread widths. Stair treads shall be no less than 11 inches wide and open risers are not permitted (11-4.9.2)
- Top of handrails – 34 inches to 38 inches (11-4.8.5)

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WHAT ABOUT
11-4.1.1

Section 11-4.9 Stairs

- Handrails shall extend 12 inches at top and 12 inches plus the width of the tread at the bottom (11-4.9.4.2)
- Interior and exterior stairs connecting levels that are not connected by an elevator, ramp, or other accessible means of vertical access shall comply with 11-4.9

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Section 11-4.9 Stairs

Figure 19a

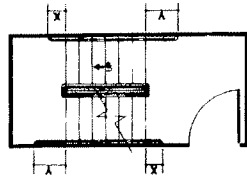
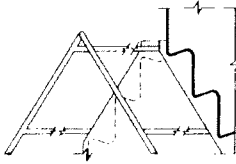


Figure 19b



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Section 11-4.9 Stairs

Figure 19c

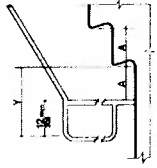
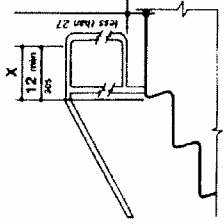


Figure 19d

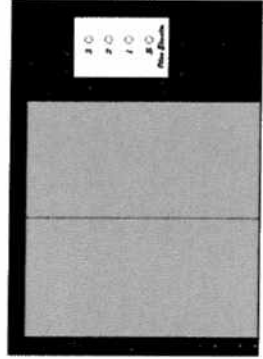


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Vertical Accessibility



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Vertical Accessibility

Section 553.509, Florida Statutes, requires that all levels in buildings, structures or facilities shall be vertically accessible

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Vertical Accessibility

Examples of Vertical Accessibility:

- Elevators
- Inclined Lifts
- Platform Lifts
- LULAS
- Ramps

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Vertical Accessibility

- Exceptions – Refer to 11-4.1.3
- Elevator pits, lubrication pits, mechanical rooms
- Unoccupiable spaces
- Non-public occupiable spaces
- Non-public occupiable spaces with not more than 5 persons

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COPY STATE
LANGUAGE

SUPERS 52-53
REWORK

COPY LANGUAGE
STATE STATUTE

Section 11-4.10 Elevators

- Vertical accessibility shall be provided to all levels above and below occupiable grade level, regardless of whether the code requires an elevator to be installed in such buildings, structure or facility 11-4.1.3(5), unless the level meets one of the vertical accessibility exemptions

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Section 11-4.11 Platform Lifts

- If platform lifts are used, they shall comply with 11-4.2.4, 11-4.5 and 11-4.27
- 11-4.27.4 – controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist
- 11-4.11.3 – If platform lifts are used then they shall facilitate unassisted entry, operation, and exit from the lift

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Accessible Doors



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Section 11-4.13 Doors

- Doorways shall have a minimum clear opening of 32 inches (11-4.13.5)
- The minimum maneuvering clearances at doors shall be as shown in fig. 25 (11-4.13.6).– understand and know the approaches as shown

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Section 11-4.13 Doors

- Door opening force – exterior hinged doors shall be pushed or pulled open with a force not exceeding 8.5lbf. Interior hinged doors: 5lbf. (11-4.13.11.2)

11/6/2006

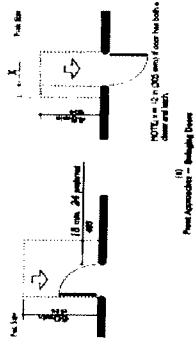
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W/ HAT Support
EXCEPTED



Section 11-4.13 Doors

Figure 25a

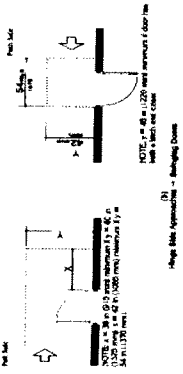


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Section 11-4.13 Doors

Figure 25b

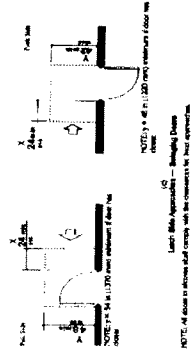


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Section 11-4.13 Doors

Figure 25c



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Section 11-4.13 Doors

- Fire doors – there are no accessibility requirements for fire door pressure

Note: Fire door pressure requirements are governed by the Florida Fire Prevention Code.

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make to be the
make to be the
make to be the

Section 11-4.13 Doors

- Handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist to operate



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Section 11-4.14 Entrances

- At least 50% of all public entrances ... must be accessible. At least one must be a ground floor entrance (11-4.1.3.8.a.i)
- Entrances which are not accessible shall have directional signage ... which indicates the location of the nearest accessible entrance (11-4.1.3.8.d)

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Section 11-4.14 Entrances

- Entrances shall be connected by an accessible route to public transportation stops, to accessible parking and passenger loading zones, and to public streets or sidewalks (11-4.14.1)

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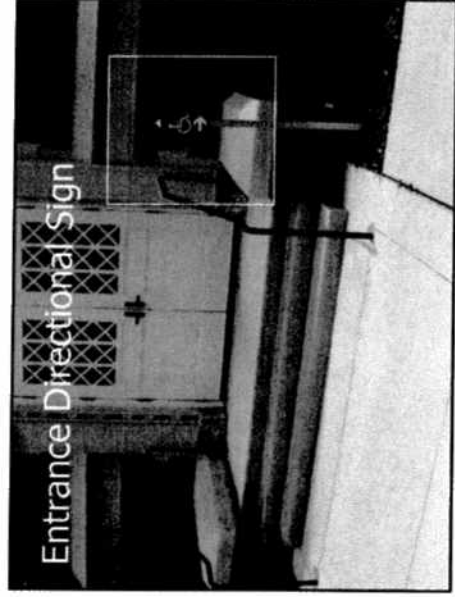
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Section 11-4.14 Entrances

- If a door has a closer, then the sweep period of the closer shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door

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Section 11-4.15 Drinking Fountains & Water Coolers

- Spout height (36 inches maximum) 11-4.15.2
- Leg clearance (27 inches minimum) 11-4.15.5.1

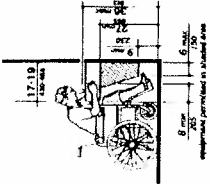


Figure 27a

11/8/2006

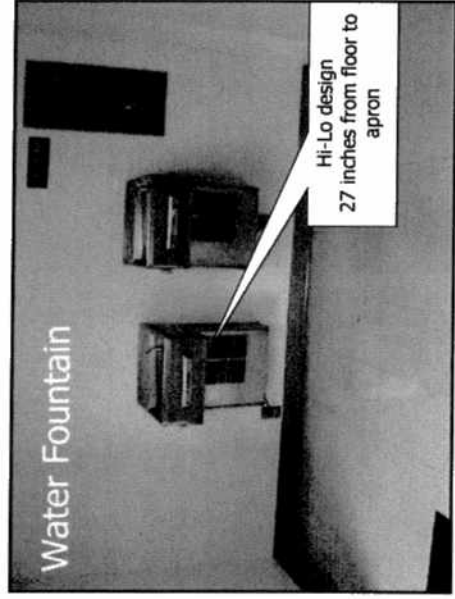
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Section 11-4.15 Drinking Fountains & Water Coolers

- Drinking fountains and protruding objects – discuss 11-4.4.1 (look at leg clearances for coolers above 27 inches)

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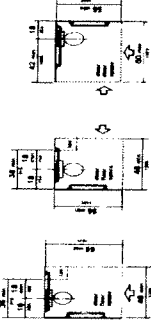
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Section 11-4.16 Water Closets

- Clear floor space for accessible water closets not in stalls shall comply with Figure 28 (11-4.16.2)

Figure 28



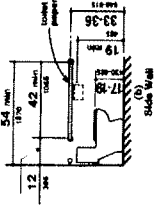
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Section 11-4.16 Water Closets

- Height of accessible water closets shall be 17 inches to 19 inches measured to the top of the toilet seat (11-4.16.3)

Figure 29b



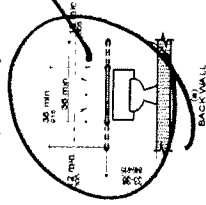
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Section 11-4.16 Water Closets

- Flush valve is on wide side of the accessible water closet
- Grab bars are required per Section 11-4.16.4

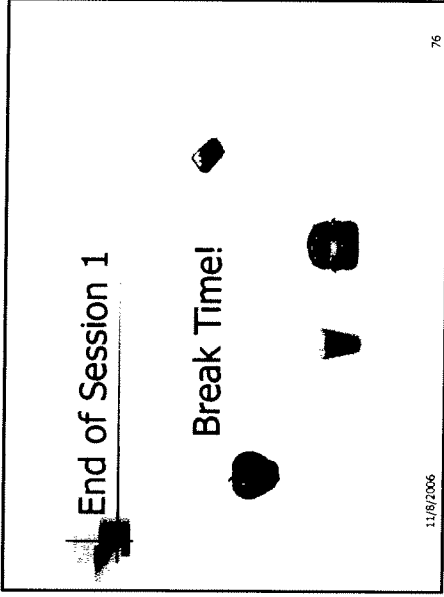
Figure 29a

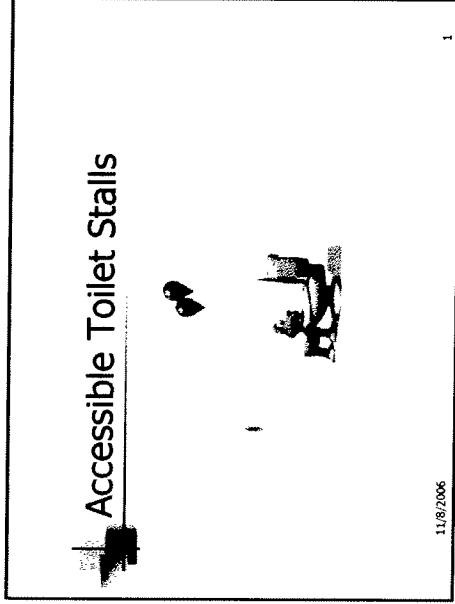


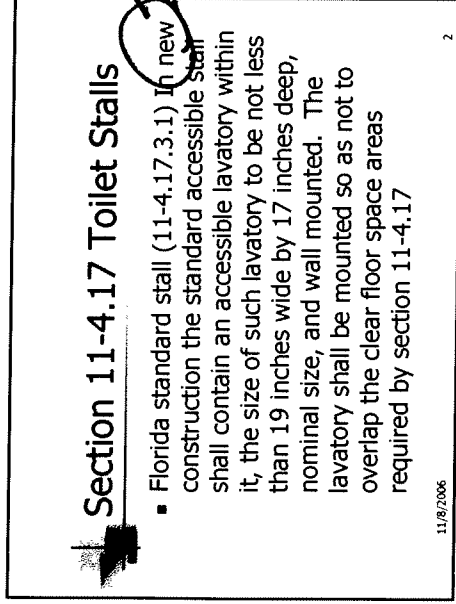
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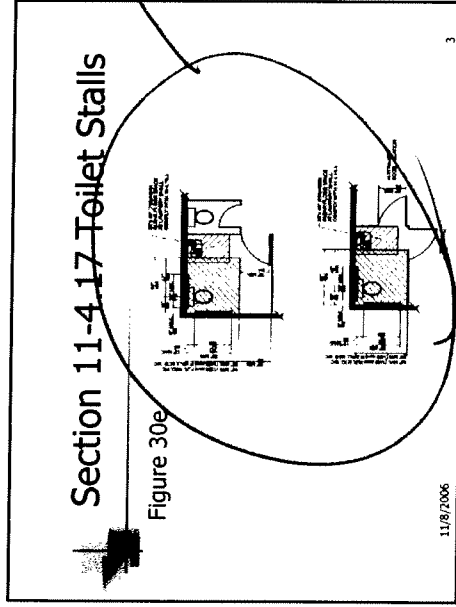
FIX SCABE







ISSUE IS NEW

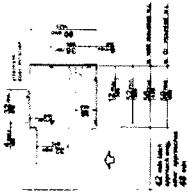


BETTER DRAWING

Section 11-4.1.17 Toilet Stalls

- The doors shall be self closing and the doors shall not swing into the clear floor space of any fixture (11-4.17.5)

Figure 30a



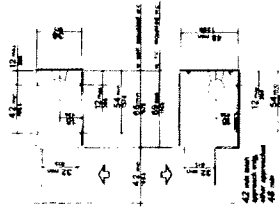
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Section 11-4.1.6(3)(e) Toilet Stalls - Alterations

11-4.1.6(3)(e)(ii)

Figure 30b



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Section 11-4.1.6(3)(e) Toilet Stalls - Alterations

Figure 30c

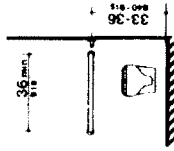
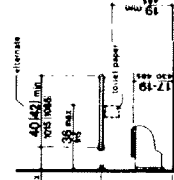
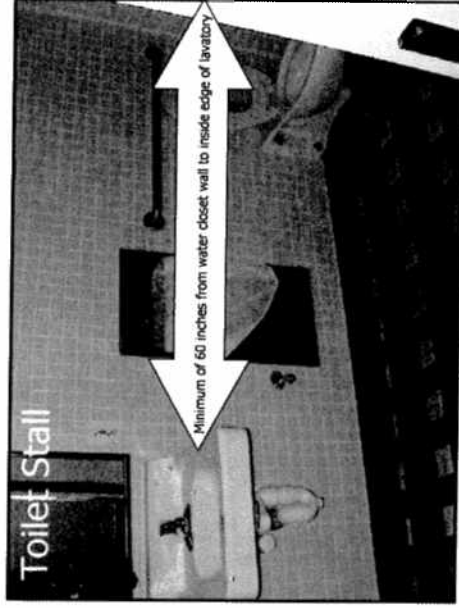


Figure 30d



11/8/2006

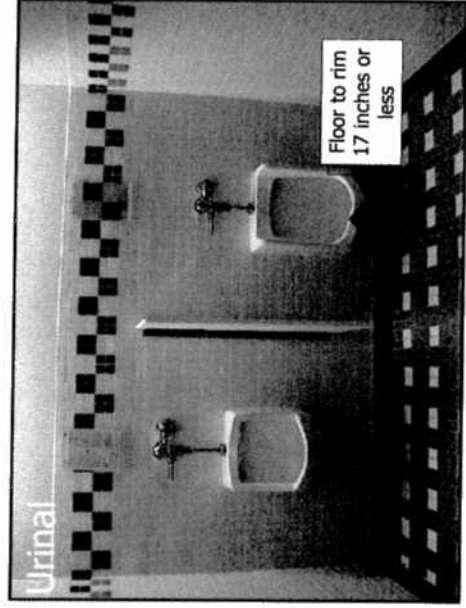
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Section 11-4.18 Accessible Urinals

- Accessible urinals shall be stall-type or wall-hung with an elongated rim at a maximum of 17 inches above finished floor (11-4.18.2)
- A clear floor space of 30 inches by 48 inches shall be provided in front of the urinal (11-4.18.3)
- Flush controls shall be hand operated or automatic and mounted no more than 44 inches above finished floor (11-4.18.4)

11/8/2006 8

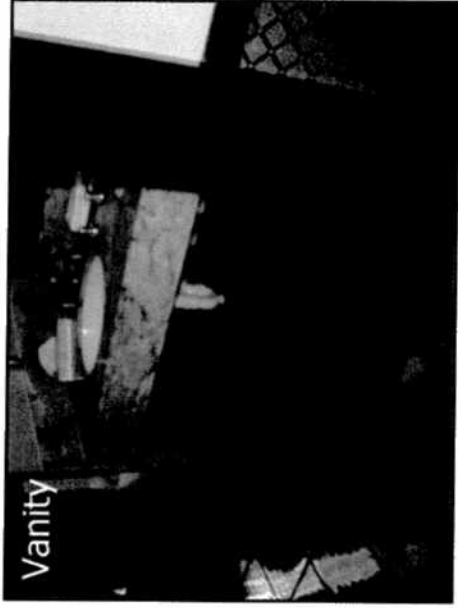


Section 11-4.19 Lavatories & Mirrors

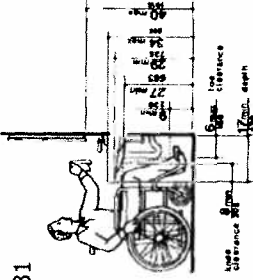
- Lavatories shall be mounted with the rim or counter surface no higher than 34 inches above the finished floor. Provide a clearance of at least 29 inches above the finished floor to the bottom of the apron. (11-4.19.2, Figure 31)
- Clear floor space 30 inches by 48 inches shall be provided in front of lavatory (11-4.19.3)

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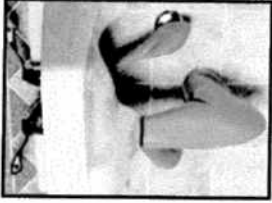
Section 11-4.19 Lavatories & Mirrors



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Section 11-4.19 Lavatories & Mirrors

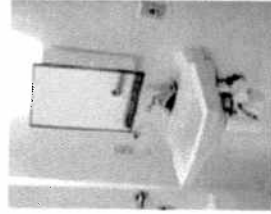


- Hot water and drain pipes under lavatories shall be insulated or otherwise configured to protect against contact (11-4.19.4)

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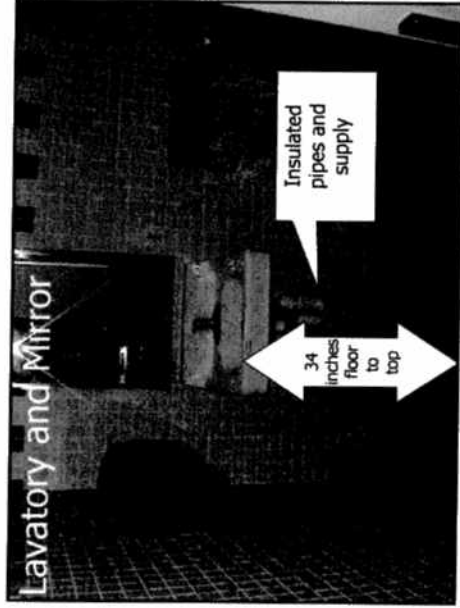
Section 11-4.19 Lavatories & Mirrors



- Mirrors – bottom edge of reflective surface no higher than 40 inches (11-4.19.6)
- Faucets shall comply with 11-4.27.4 and shall require no more than 5 lbf. to operate

11/8/2006

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Section 11-4.20 Bathtubs



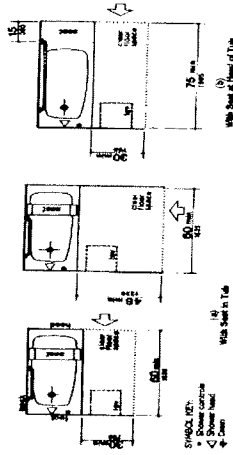
- Clear floor space in front of bathtubs
- Seat – An in-tub seat or a seat at the head end of the tub shall be provided, Figure 33
- Grab bars complying with 11-4.26 shall be provided, Figure 33
- Controls – faucets and other controls complying with 11-4.27.4 shall be located as shown in Figure 34

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Section 11-4.20 Bathtubs

Figure 33

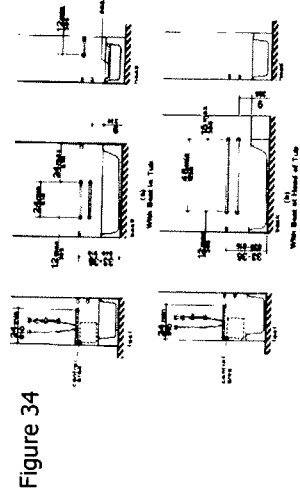


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Section 11-4.20 Bathtubs

Figure 34



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Section 11-4.20 Bathtubs

- A shower spray unit with a hose at least 60 inches (1,525 mm) long that can be used both as a fixed shower head and as a hand-held shower shall be provided

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Section 11-4.21 Shower Stalls

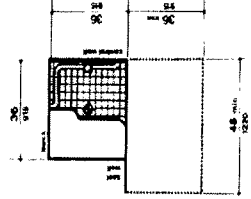
- 36 inches x 36 inches shower shall have controls on wall opposite seat
- Seats are required within a 36 inch by 36 inch shower, Figure 35a

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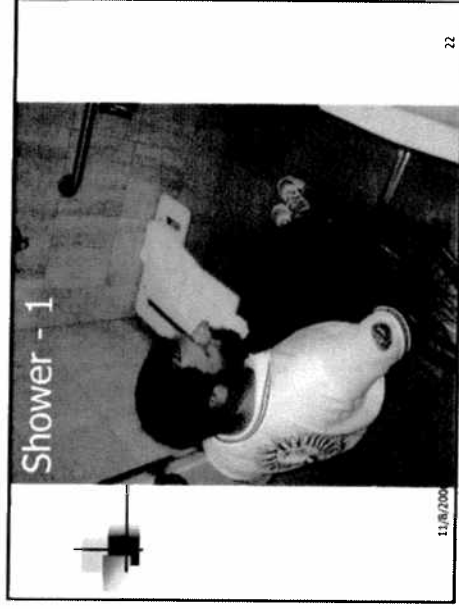
Section 11-4.21 Shower Stalls

Figure 35a

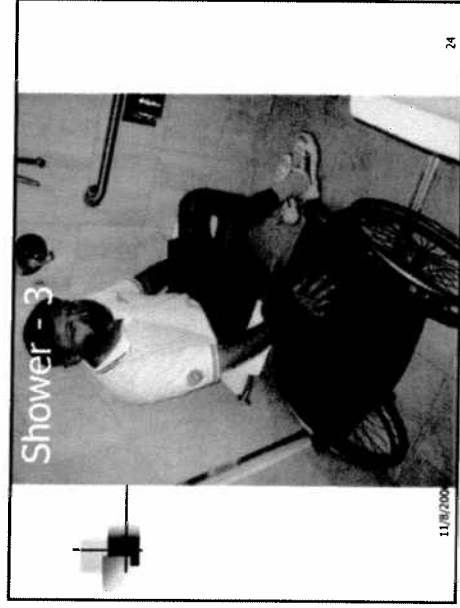


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Section 11-4.21 Shower Stalls

- If provided, curbs in shower stalls 36 inches by 36 inches (915 mm by 915 mm) shall be no higher than 1/2 inch (13 mm)
- Shower stalls that are 30 inches by 60 inches (760 mm by 1,525 mm) minimum shall not have curbs

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Section 11-4.21 Shower Stalls

- 30 inch x 60 inch stall with a seat shall have the controls on the adjacent wall
- Seats are not a requirement within the larger shower (except within hotel rooms) Figures 35b and 57a&b

11/8/2006

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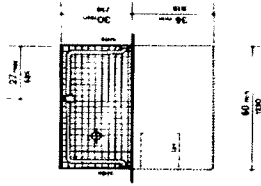
Roll-In Shower, Hotel

THIS IS NOT
COM PLIANT

IS THIS SUPPOSE TO
A COMPLIANT SHOWER

Section 11-4.21 Shower Stalls

Figure 35b

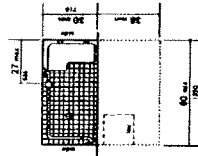


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Section 11-4.21 Shower Stalls

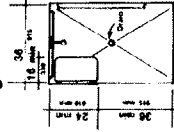
Figure 57a



11/8/2006

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Figure 57b



(b)

FIG. 57

Roll-in Shower with Folding Seat

Hotel Rooms

Section 11-4.22 Toilet Rooms

- An unobstructed turning space complying with 11-4.2.3 shall be provided within the accessible toilet room (11-4.22.3)
- Doors shall not swing into the clear floor space required for any fixture (11-4.22.2.1)

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Section 11-4.22 Toilet Rooms

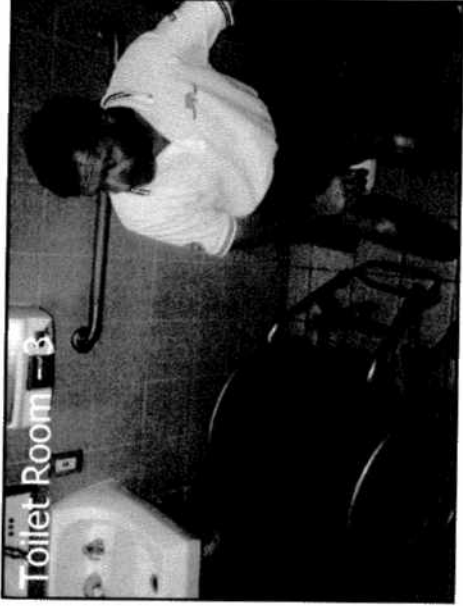
- The clear floor space at fixtures and controls, the accessible route, and the turning space may overlap (11-4.22.3)
- Doors shall not swing into the clear floor space required for any fixture (11-4.22.2.1)

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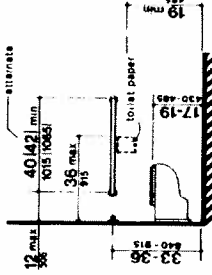
Section 11-4.22 Toilet Rooms

- Where 6 or more stalls are provided, in addition to the stall complying with 11-4.17, at least one stall 36 inches wide with an outward swinging, self-closing door and parallel grab bars complying with Figure 30d

11/8/2006

Section 11-4.22 Toilet Rooms

Figure 30d

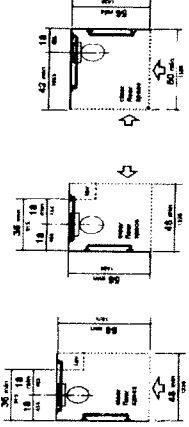


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Section 11-4.22 Toilet Rooms

- Water closets shall comply with 11-4.16

Figure 28



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Section 11-4.23 Bath Rooms, Bathing Facilities & Shower Rooms

- An unobstructed turning space complying with 11-4.2.3 shall be provided within the accessible toilet room (11-4.22.3)
- The clear floor space at fixtures and controls, the accessible route, and the turning space may overlap (11-4.22.3)

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Section 11-4.23 Bath Rooms, Bathing Facilities & Shower Rooms

- Doors shall not swing into the clear floor space required for any fixture (11-4.23.2)

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Section 11-4.24 Sinks

- Sinks shall be mounted with the counter or rim no higher than 34 inches above the finished floor
- Knee clearance that is at least 27 inches high shall be provided underneath sinks (11-4.24.3), and space shall be provided to allow for forward approach (11-4.24.5)

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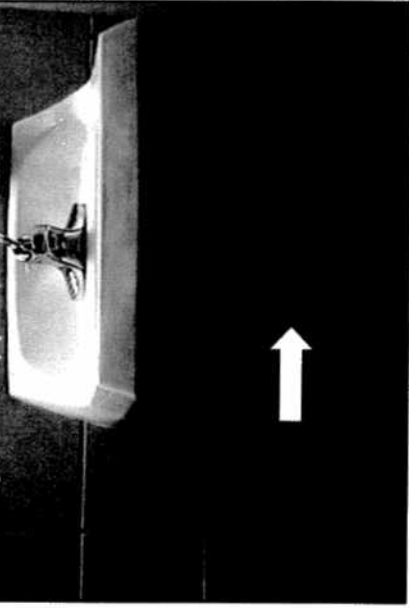
Section 11-4.24 Sinks

- Hot water and drain pipes exposed under sinks shall be insulated or otherwise configured so as to protect against contact (11-4.24.6)
- Faucets shall comply with 11-4.27.4 and shall require no more than 5lbf. to operate

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Sink Pipes Wrapped/Insulated



Section 11-4.26 Handrails, Grab Bars & Tub and Shower Seats

- Size and spacing of grab bars and handrails
- Gripping surfaces of handrails and grab bars shall be 1 1/4 inches to 1 1/2 inches
- The space between the wall and grab bar shall be 1 1/2 inches

11/8/2006

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THIS IS REALLY 11-4.16.

Section 11-4.26 Handrails, Grab Bars & Tub and Shower Seats

Figure 29a

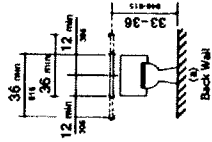
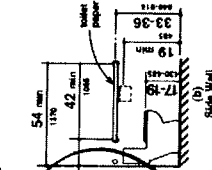


Figure 29b



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Section 11-4.26 Handrails, Grab Bars & Tub and Shower Seats

Figure 30a

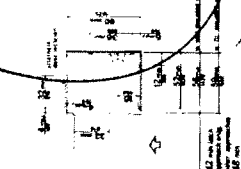
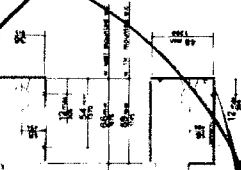


Figure 30b



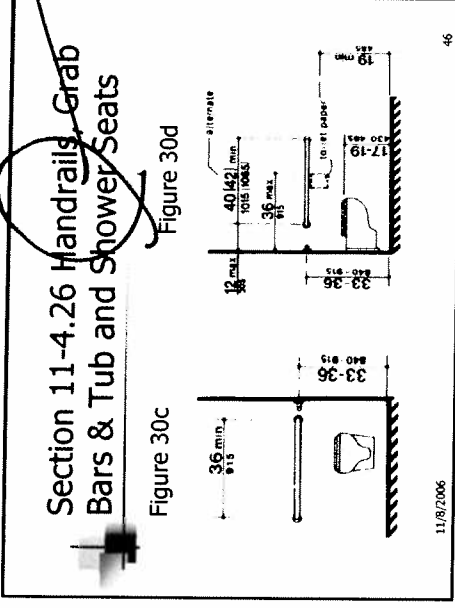
11/8/2006

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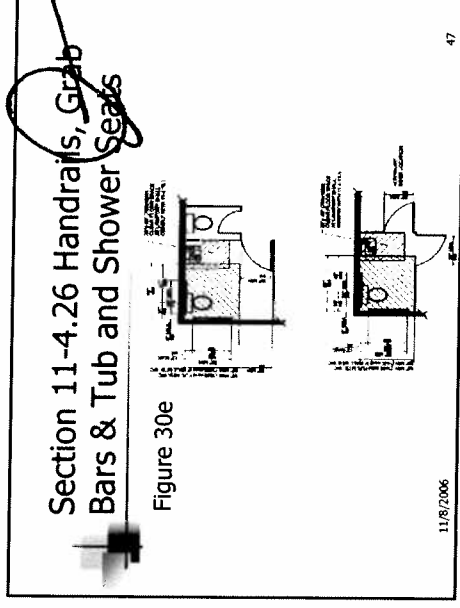
TILE AND GRAB BARS
DO NOT MIX

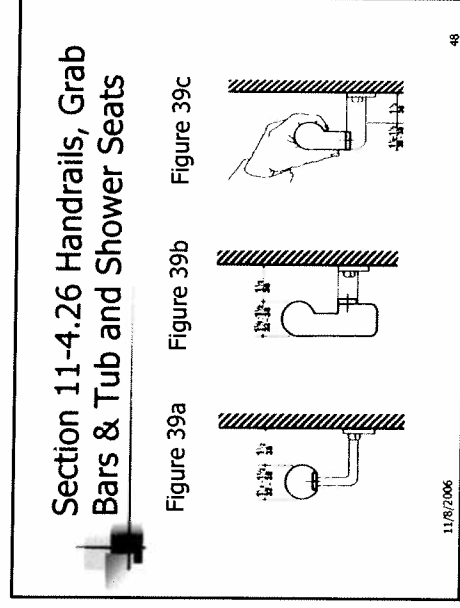
Really 11-4.17.6

11-4.17.6



11-4.17.6



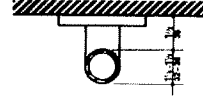


Section 11-4.26 Handrails, Grab Bars & Tub and Shower Seats

Figure 39d



Figure 39e



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Section 11-4.27 Controls & Mechanisms

- Clear floor space shall comply with 11-4.2.4 that allows for forward or parallel approach.
- The highest operable part of controls shall be placed within one of the reach ranges specified in 11-4.2.5 & 11-4.2.6

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Section 11-4.27 Controls & Mechanisms

- Controls and mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist (11-4.27.4)
- The force to activate controls shall be no greater than 5lbf



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Section 11-4.28 Alarms

- At a minimum, visual signal appliances, when provided, are required in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms, hallways, lobbies, and any other area for common use (11-4.28.1))
- Emergency warning systems in medical care facilities may be modified to suit standard health care alarm design practice

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Section 11-4.29 Detectable Warnings

- The ADAAG requirement for detectable warnings are truncated domes
- FACBC requirement for detectable warnings is either applied strips or mats or exposed aggregate concrete
- Grooves may be used indoors only 11-4.29.2(2)

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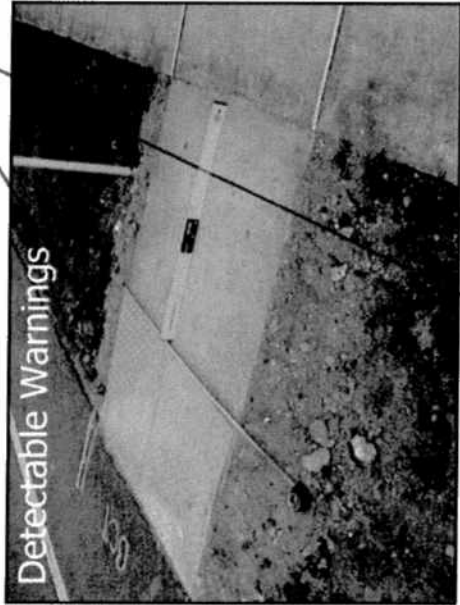
Section 11-4.29 Detectable Warnings

Figure 40b

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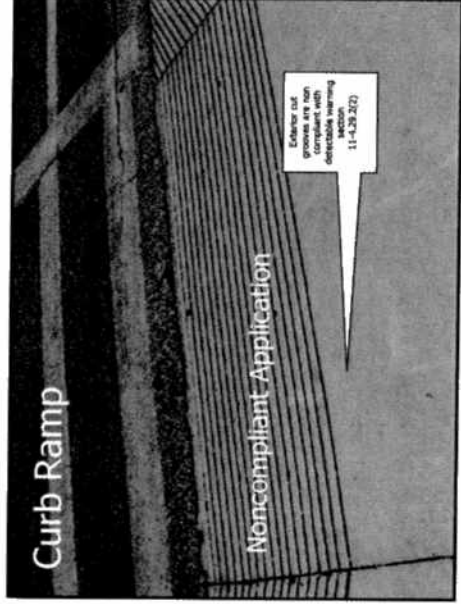
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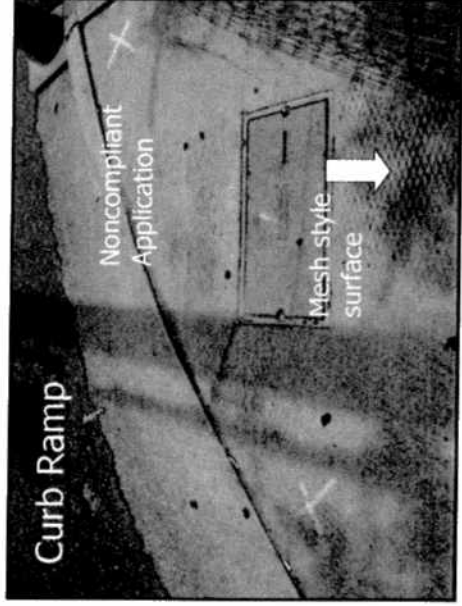
THESE ARE PER F
AND ARE THE NE
REQUIREMENTS



~~36" VS 24" DE~~









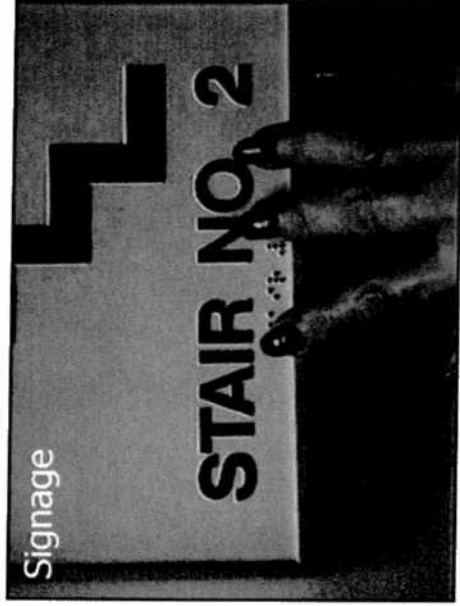
Section 11-4.30 Signage

- The following signs are required to be accessible by 11-4.1.3(16) and shall comply with the provisions in 11-4.30



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show sign
"ACI"
IN
ACI
ACI

Section 11-4.31 Accessible Telephones

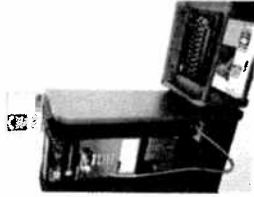
- Telephones are required to be accessible and shall comply with 11-4.31
- Scoping requirements for telephones shall comply with 11-4.1.3(17).

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Section 11-4.31 Accessible Telephones

- Text telephones
- TDD used with pay telephones shall be permanently affixed within, adjacent to, the telephone enclosure.



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End of Session 2

Break Time!



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Accessible Seating and Tables



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1

Section 11-4.32 Fixed or Built-in Seating and Tables

- If seating for people in wheelchairs is provided at tables or counters, knee spaces at least 27 inches high, 30 inches wide and 19 inches deep shall be provided 11-4.32.3
- Tops of accessible tables and counters can range from 28 inches to 34 inches

11/8/2006

2

FIXED

Section 11-4.32 Fixed or Built-in Seating and Tables

- At least 5% but not less than 1 of the fixed seating areas or tables shall comply with 11-4.32 (11-4.1.3.(18))
- Seating shall be on an accessible route – 36 inches wide minimum, 44 inches for means of egress 11-4.1.3(18)

11/8/2006

3

Section 11-4.33 Assembly Areas

Accessible Seating Table: 11-4.1.3(19)

- | | |
|---|---|
| ▪ Capacity of Seating in Assembly Areas | ▪ Number of Required Wheelchair Locations |
| ▪ 1 to 25 | ▪ 1 |
| ▪ 26 to 50 | ▪ 2 |
| ▪ 51 to 100 | ▪ 4 |

For all remaining fixed seats, there shall be not less than one such accessible and usable space for each 100 fixed seats or fraction thereof

11/8/2006

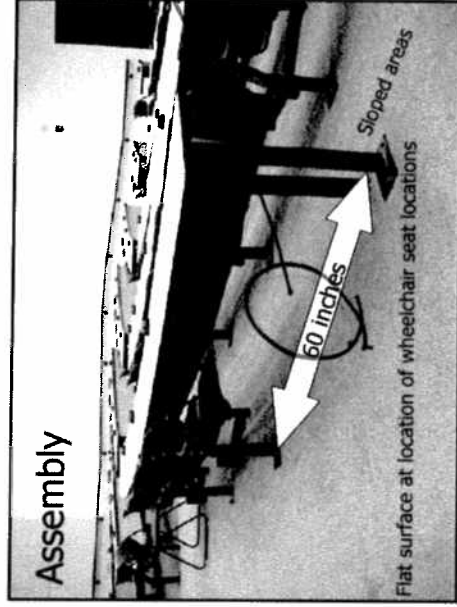
4

Section 11-4.33 Assembly Areas

- Stadium style seating must comply with vertical accessibility requirements; otherwise a waiver is required from the Florida Building Commission
- Waiver forms available at www.floridabuilding.org
- Listening systems located within 50 feet of stage or screen

11/8/2006

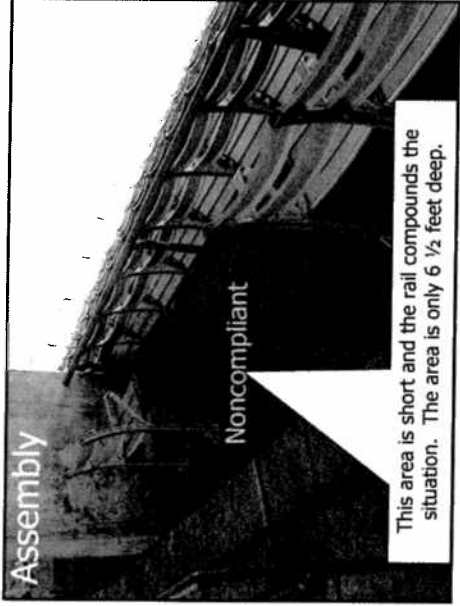
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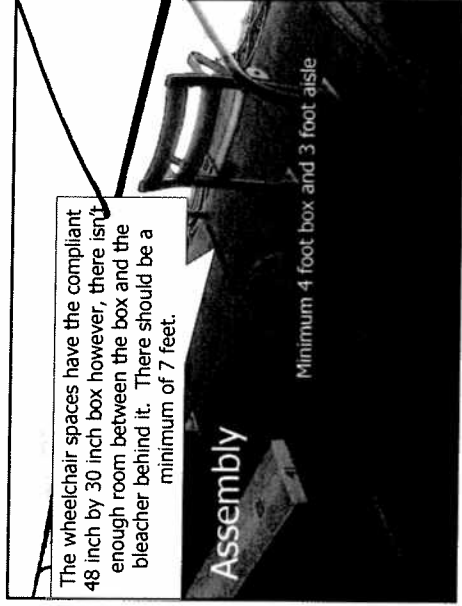


60 INCHES RE

PER FLA 11-4.33







FOR 2 SPACES SEE FIGURE A

Section 11-4.34 Automated Teller



- Automated teller shall be located so that clear floor space complying with 11-4.2.4 (30 inches by 48 inches) is provided to allow a person using a wheelchair to make a forward approach, a parallel approach, or both

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Section 11-4.34 Automated Teller



- Forward approach only – operable parts mounted in accordance with 11-4.2.5
- Parallel approach only – not more than 10 inches, controls mounted no higher than 54 inches

11

Section 11-4.34 Automated Teller

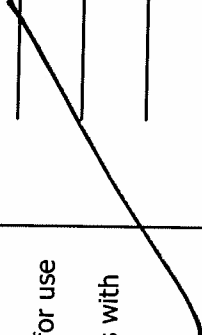


- Reach depth in accordance with table in 11-4.34.3
- Instructions and all information for use shall be made accessible to and independently usable by persons with vision impairments 11-4.34.5

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AUGMENTABLE
AUDIO



ATM Keypad

Visual markings on the keys should be the characters of their respective numbers and the letters (such as "ENTER" and "CANCEL") or other (such as "YES")

Braille characters should be placed in the lower-left corner of each key

The slope of the keys shall be 1:12 (8.3%) from the bottom edge to the top edge

Braille characters shall be placed in the lower-left corner of each key

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Section 11-4.35 Dressing & Fitting Rooms

- Provide an area that allows a person using a wheelchair to make a 180 degree turn. No door shall swing into the turning space
- Doors must comply with Section 11-4.13

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Section 11-4.35 Dressing & Fitting Rooms

- Every accessible dressing room shall have a 24 inch by 48 inch bench fixed to a wall along the longer dimension. The bench shall be mounted 17 inches to 19 inches above the finished floor

11/8/2006 15

Section 11-4.35 Dressing & Fitting Rooms

- Where mirrors are provided, then, a full-length mirror, measuring at least 18 inches wide by 54 inches high, shall be mounted in a position affording a view to a person on the bench as well as a person standing



5' x 54" full length mirror

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Section 11-5 Restaurants & Cafeterias

- Where fixed tables (or dining counters where food is consumed but there is no service) are provided, at least 5%, but not less than one, of the fixed tables (or a portion of the dining counter) shall be accessible and shall comply with 11-4.32 as required in 11-4.1.3.18. (11-5.1)

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Section 11-5 Restaurants & Cafeterias

- In new construction, and where practicable in alterations, accessible fixed tables (or counters) shall be distributed throughout the space or facility (11-5.1)

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Section 11-5 Restaurants & Cafeterias

- Where food and drink is served at counters exceeding 34 inches in height for consumption by customers seated on stools or standing at counter, a portion of the main counter which is 60 inches in length minimum shall be provided in compliance with 11-4.32 or service shall be available at accessible tables within the same area.

11/8/2006

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Handwritten notes: "60 inch counter" and "60 inch counter" with arrows pointing to the accessible counter section in the image above.

Section 11-5 Restaurants & Cafeterias

- All dining areas, including raised or sunken dining areas, loggias, and outdoor seating areas, shall be accessible (11-5.4)
- Self-service shelves and dispensing devices for tableware, dishware, condiments, food and beverages shall be installed to comply with 11-4.2

11/8/2006

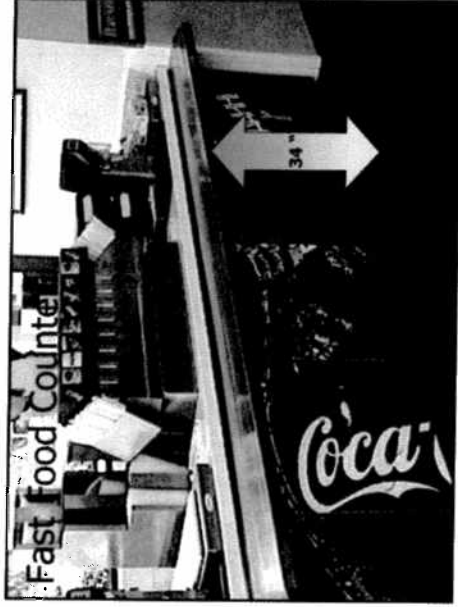
21

Section 11-5 Restaurants & Cafeterias

- Food service lines shall have a minimum clear width of 36 inches, with a preferred clear width of 42 inches. Tray slides shall be mounted no higher than 34 inches above the floor. If self-service shelves are provided, at least 50% of each type shall be within reach ranges specified in 11-4.2.5 and 11-4.2.6

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Section 11-5 Restaurants & Cafeterias – Raised Platforms 11-5.7

In banquet rooms or spaces where a head table or speaker's lectern is located on a raised platform, the platform shall be accessible in compliance with 11-4.8 or 11-4.11. Open edges of a raised platform shall be protected by placement of tables or by a curb.

11/8/2006

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Section 11-6 Medical Care Facilities

- Hospitals – general purpose hospitals, psychiatric facilities, detoxification facilities – At least 10 percent of patient bedrooms and toilets, and all public use and common use areas are required to be designed and constructed to be accessible. (11-6.1.1)

11/8/2006

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Section 11-6 Medical Care Facilities

- Hospitals and rehabilitation facilities that specialize in treating conditions that affect mobility, or units within either that specialize in treating conditions that affect mobility – All patient bedrooms and toilets, and all public use and common use areas are required to be designed and constructed to be accessible. (11-6.1.2)

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Section 11-6 Medical Care Facilities

- Long term care facilities, nursing homes – At least 50 percent of patient bedrooms and toilets, and all public use and common use areas are required to be designed and constructed to be accessible. (11-6.1.3)

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Section 11-6 Medical Care Facilities

- At facilities providing medical care and other services for person with mobility impairments, parking spaces complying with 11-4.6 shall be provided in accordance with 11-4.4.1.2(5)(a) except as follows:

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Section 11-6 Medical Care Facilities

- (i) Outpatient units and facilities: 10 percent of the total number of parking spaces provided serving each such outpatient unit or facility;
- (ii) Units and facilities that specialize in treatment of services for persons with mobility impairments; 20 percent of the total number of parking spaces provided serving each such unit or facility.

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Section 11-6 Medical Care Facilities

- Each patient bedroom shall have a door that complies with 11-4.13: except entry doors to acute care hospital bedrooms for in-patients shall be exempted from the requirement in 11-4.13.6 for maneuvering space at the latch side of the door if the door is at least 44 inches wide.

11/8/2006

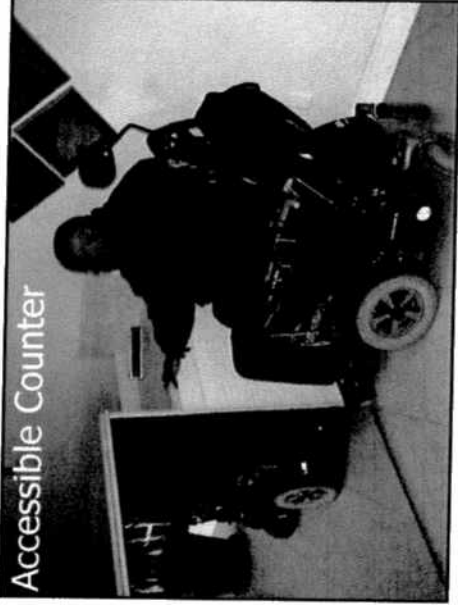
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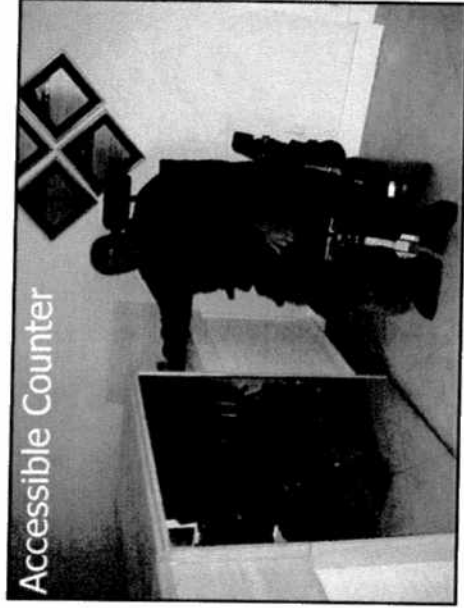
Section 11-7 Business and Mercantile

- Department and retail stores where counters have cash registers and are provided for the sale and distribution of goods or services at least one of each type shall have a portion of the counter which is at least 36 inches wide with a maximum height of 36 in (11-7.2.1)

11/8/2006

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MINIMUM



Section 11-7 Business and Mercantile

- Ticketing counters, teller stations in a bank, registration at hotels and motels, box office ticket counters, and other counters that may not have a cash register but at which goods or services are sold either: 36 inches wide by 36 inches high counter; or and auxiliary counter with max height of 36 inches; or an equivalent facilitation (11-7.2.2)

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Section 11-8 Libraries

- At least 5% or a min. of one of each element of fixed seating, tables, or study carrels shall comply with 11-4.4.2 and 11-4.32.

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Section 11-8 Libraries

- Card catalogs must comply with Figure 55
- Stacks – Min. clear aisle width between stacks shall comply with 11-4.3, with a min. clear aisle width of 42 inches preferred

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Section 11-9 Accessible Transient Lodging

- Hotels, Motels, Inns, Boarding Houses, Dormitories, Resorts and Other similar Places of Transient Lodging.
- All public use and common use areas are required to be designed and constructed to comply with section 11-4.

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Section 11-9 Accessible Transient Lodging

- Accessible sleeping rooms or suites that comply with the requirements of 11-9.2.1 to 11-9.2.2 shall be provided in conformance with the table to follow. In addition, in hotels, of 50 or more accessible sleeping rooms or suites, additional accessible sleeping rooms or suites that include a roll-in shower shall be provided (see Figure 57a & b)

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Section 11-9 Accessible Transient Lodging

Figure 57a

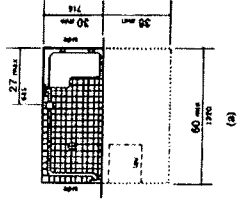


Fig. 57
Roll-in Shower with Folding Seat

Figure 57b

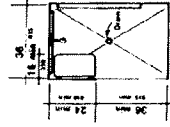


Fig. 57
Roll-in Shower with Folding Seat

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Section 11-9 Accessible Transient Lodging

No. of Rms. Accessible #	Rms. with Roll-In showers	FL 5%
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% of total	
1001 to over	20 plus 1 for each 100 over 1000	

See 11-9.1.2 shaded

4, plus one for each additional 100 over 400

11/8/2006

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Section 11-9 Accessible Transient Lodging

- Sleeping rooms for persons with hearing impairments
- **In addition to those accessible sleeping rooms and suites sleeping rooms that comply with 11-9.3 shall be provided in conformance with the following table:**

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Section 11-9 Accessible Transient Lodging

- Number of Elements and Accessible Elements

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% of total
1001 and over	20 plus 1 for each 100 over 1000

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Section 11-9 Accessible Transient Lodging

- 11-9.1.4 Classes of Sleeping Accommodations
 - Sleeping rooms required to be accessible by 11-9.1.2 shall be dispersed among the various classes of sleeping accommodations. Factors to consider include room size, cost, amenities provided, and number of beds.

11/8/2006

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Section 11-9 Accessible Transient Lodging

- 11-9.2 Requirements for Accessible Units, Sleeping Rooms and Suites
 - An accessible unit, sleeping room or suite shall be on an accessible route
 - Accessible rooms shall have a 36 inch clear width maneuvering space located along both sides of a bed (except when two beds are provided)
 - An accessible route shall connect all accessible spaces and elements, including telephones, within the unit, sleeping room or suite

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Section 11-9 Accessible Transient Lodging

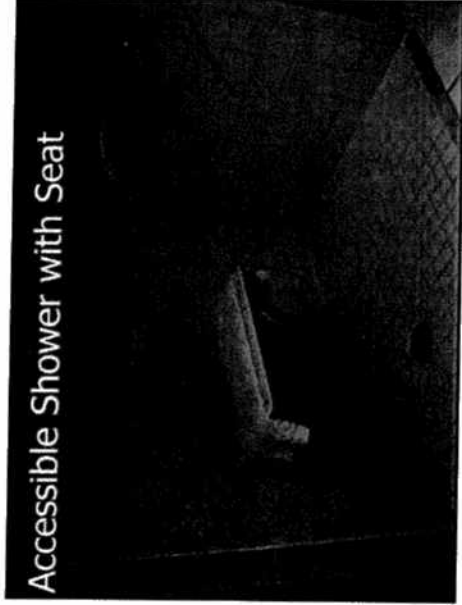
- 11-9.2.3 Hotel, Motel and Condominium Special Accessibility Feature
 - At least 5% of rooms, in addition the accessible rooms, shall have grab rails in bathrooms and toilet rooms, open frame beds, all standard water closet seats shall be 15 inches with a portable or attached raised toilet seat in designated accessible rooms (11-9.2.3)

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THIS IS NOT A COMPLIANT

SHOW A COMPLIANT



Section 11-10 Transportation Facilities

- Every station, bus stop, bus stop pad, terminal, building or other transportation facility, shall comply with the applicable provisions of 11-4.1 through 11-4.35, sections 11-5 through 11-9, and applicable provisions of this section

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Section 11-11 Residential Buildings

- Single family houses, duplexes, triplexes, condominiums and townhouses shall provide:
- One bathroom located with max privacy on grade level with a door that has a 29 inch clear opening.

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Section 11-12 Theme Park or an Entertainment Complex

- In lieu of Florida parking space design (11-4.6) provide parking spaces that comply with the alternative design of Figure 9b (~~96~~ **8 FEET** wide, 5 foot access aisle)
- When the alternative parking space designs are used, van accessible spaces shall be provided in compliance with 11-4.1.2.5.b

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8 FEET

Section 11-12 Theme Park or an Entertainment Complex

- When several lots or areas are provided a single lot may be designated for parking by persons with disabilities

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End of Session 3




Thank you for your attendance!

Course Contributors



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A Very Special Thanks!!!

Accessibility Training Course Builders:

Diana Richardson, Neil Melick, Johnny Long, JR Harding, Larry Schneider, Pam Donwarth, Leonard Lipka, Bob Leonard, Steve Corn, Jeffrey Gross, Sharon Mignardi, Bunny Armstrong, Steve Sensakovic, Tom Ricci, Andrea Williamson, Mary-Kathryn Smith, Bruce Ketcham, and Verda La Rue.

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