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1



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2



Listening to the Webinar, *continued*



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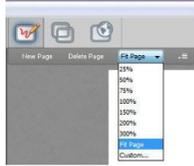
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7



Customize Your View *continued*



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10

Accessible Retail Stores and Spaces "Advanced Session"

Presented by: Paul Beatty and
Earlene Sesker

11

Session Agenda

- Alterations
- Exterior
- Interior
- Questions

12

Alterations §202.3 & F202.3

Standards apply based on:

- planned scope of work
- technical feasibility
- primary function areas/ path of travel

13

Alterations

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



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

14

Alterations

Specific provisions for alterations located throughout standards (refer to “alterations” or “existing facilities”)



15

Alterations

“Technical Infeasibility” =

Existing physical/site constraints that prohibit compliance

Example: removing fixture to create accessible stall conflicts with plumbing code

16

Alterations: Path of Travel §202.4

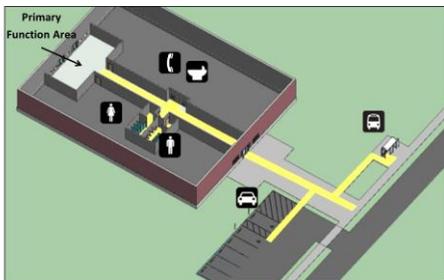
Alterations to primary function areas require accessible “path of travel”:

- accessible route (from site arrival points, parking, building entrances)
- restrooms
- phones
- drinking fountains

17

Alterations: Path of Travel

Example of “path of travel”



18

Accessible Route Scoping §206 & F206

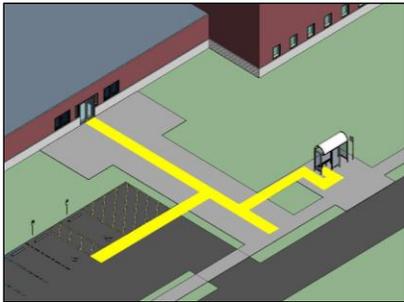
At least 1 accessible route to:

- public streets and sidewalks
- accessible entrances to each tenancy
- accessible parking
- all public use and common use area on the site

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19

Accessible Routes



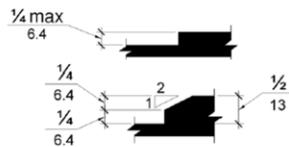
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Brick Pavers and Stamped Concrete on Accessible Routes

302.3 Openings. Openings ... shall not allow passage of a sphere more than ½ inch (13 mm) diameter

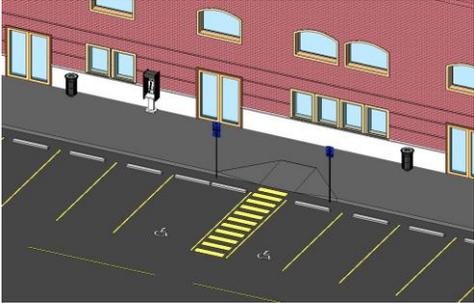
303 Changes in Level



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21

Accessible Parking



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22

Accessible Parking Scoping §208 & F208

- Exception for lots used exclusively for delivery and company fleet vehicles
- Location: Where limited spaces serve several tenancies, place spaces on shortest route possible to all accessible entrances.

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23

Parking Spaces

AR must connect to access aisles at accessible parking spaces



Recommended: connect AR to front of aisle to prevent travel behind parked cars

24

Parking Signs §216.5 & F216.5

- Accessible parking signs are not required for lots with 4 or fewer spaces (including accessible spaces).



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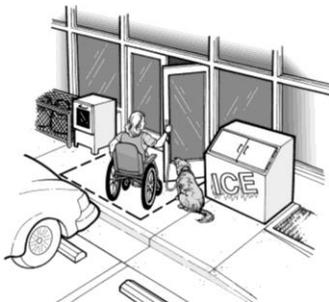
Accessible Parking "Don'ts"



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Entrances

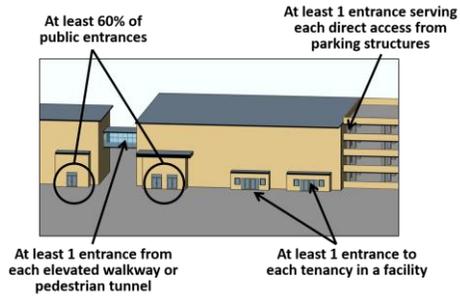


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Entrances §206.4 & F206.4

Minimum Number



28

Entrances

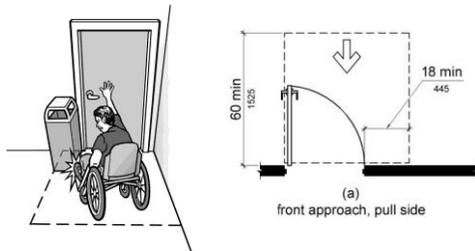


Automation of exterior doors recommended

29

Doors, Doorways, Gates §404

Maneuvering Clearances



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Doors in Series

48" min. separation between swing of doors

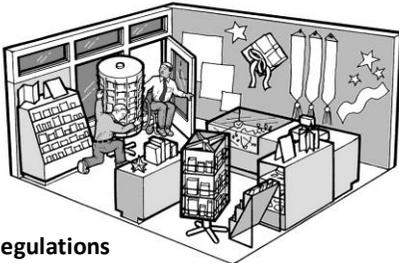


31

Interior

32

More than the ADA Standards



ADA Regulations
ADA Standards

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Exempted Employee Work Areas §203.9 & F203.9

Not in ABA

106.5 Definitions.

Employee Work Area. All or any portion of a space used only by employees and used only for work. Corridors, toilet rooms, kitchenettes and break rooms are not employee work areas.

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34

Example

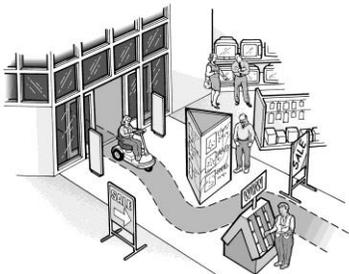
- Approach, Enter, and Exit
- If 1000 sq.ft. or more, all circulation paths = accessible routes
- Accessible means of egress
- Wiring for visual alarms



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35

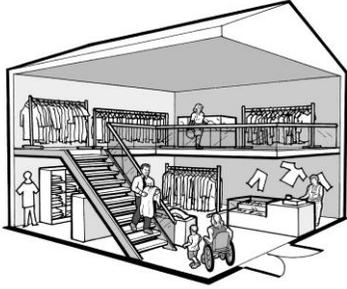
Interior Accessible Routes



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Elevator Exceptions

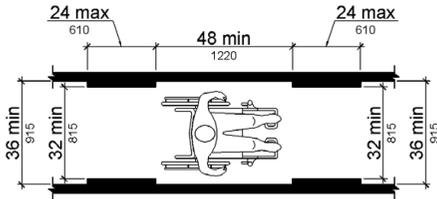


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Clearances

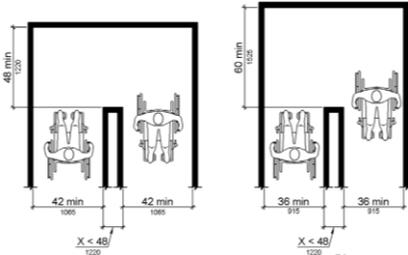
48" min. separation between reduced clearances



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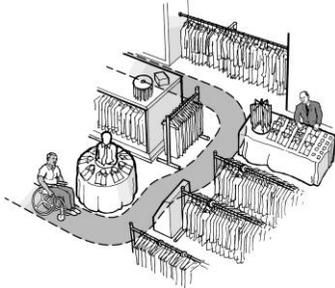
Clearances



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Clearances Around Retail Fixtures §225 & F225

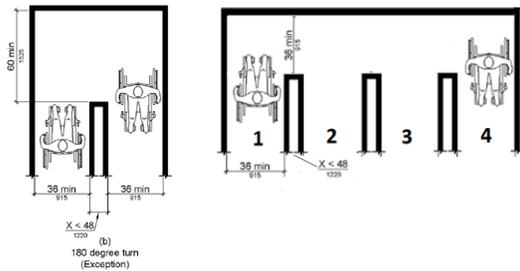


- Accessible route connects:
- 1 of each type storage facility
 - All self-service shelving

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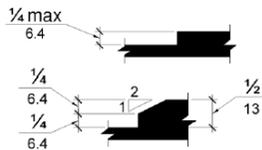
40

Must Make 180 Degree Turn



41

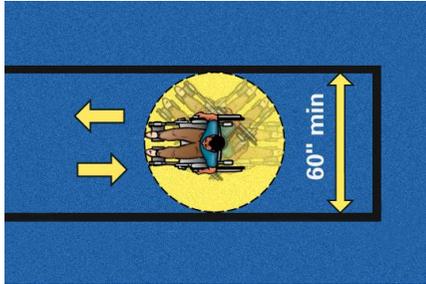
Queue Lines – Clear Width §227.5, F227.5 & 403



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42

Turning Space



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43

Merchandise Shelving and Displays



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44

Storage §225 & F225

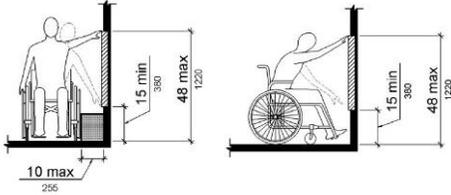
- At least one of each type accessible
- Lockers: 5% of each type accessible
 - On accessible route
 - Within reach ranges
- Shelf service shelving: all on accessible route

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Reach Ranges §308

Max. Reach – 48” Min. Reach – 15”
(forward & side)



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Self Service Shelving

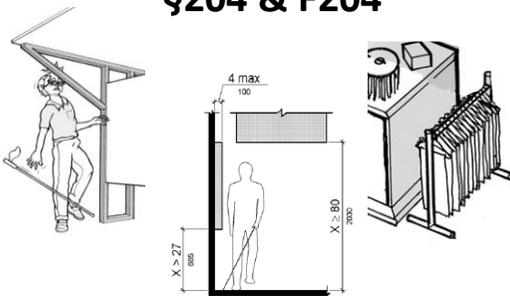


Reach ranges do not apply to self-service shelving

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47

Protruding Objects §204 & F204



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48

Protruding Objects

Scoping:
Applies to each
circulation path



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What is a circulation path?

§ 106.5

Circulation Path. An exterior or interior way of passage provided for pedestrian travel, including but not limited to, walks, hallways, courtyards, elevators, platform lifts, ramps, stairways, and landings.

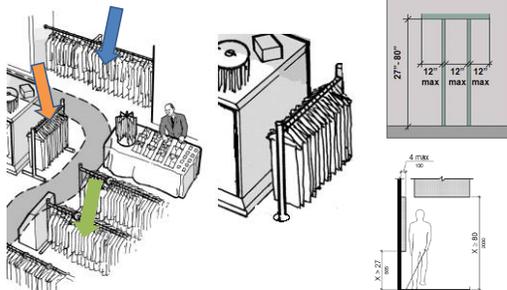
Intended Purpose



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50

Protruding Objects and Retail Fixtures



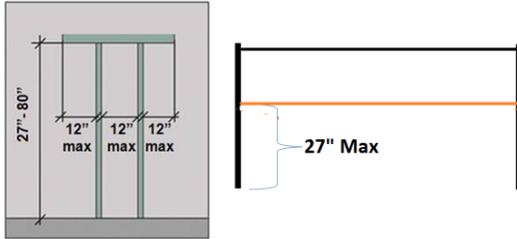
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51

Protruding Objects

Queue Lines

§204, F204 & 307



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52

Sales and Service

§227 & F227

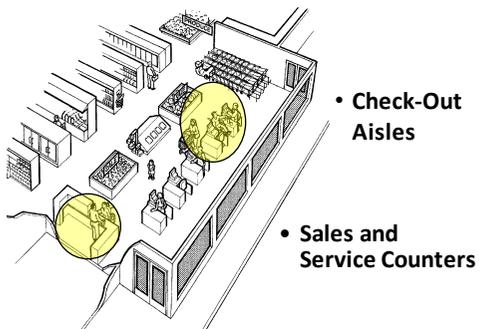
Items addressed include:

- check-out aisle
- sales and service counters
- food service lines
- queues and waiting lines

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53

Grocery Store



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54

Check-Out Aisles §227.2 & F227.2 Minimum Number

Table 227.2 Check-Out Aisles

Number of Check-Out Aisles of Each Function	Minimum Number of Check-Out Aisles of Each Function Required to Comply with 904.3
1 to 4	1
5 to 8	2
9 to 15	3
16 and over	3, plus 20 percent of additional aisles

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55

Check-Out Aisles §227.2 & F227.2

- Dispersion
- exception where selling space under 5000 square feet – no more than one required to comply
- altered check-out aisles - at least one until minimum number complies (227.2.1)

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56

Check-Out Aisles §904.3

- Aisle §904.3.1
- Counter §904.3.2
- Check Writing Surfaces §904.3.3

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57

Checkout Aisle

Key Pads & Check Writing Surface

§227.2, F227.2 & 904.3

Obstructions at side reaches are limited to a height of 34".

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58

Self Serve Check-Out Aisles

Operable parts:
§205, F205 & 309

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59

Check-Out Aisles §904.3

36" Min. Width

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60

Sales and Service Counters §227.3 & F227.3

Scoping: one of each type



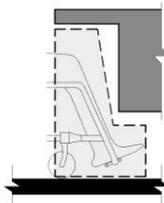
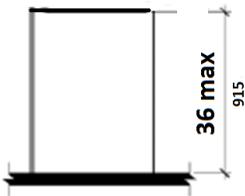
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Sales and Service Counters §904.4

Parallel Approach

Forward Approach



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62

Sales and Service Counters

Exception in alterations when number of existing counters would be reduced

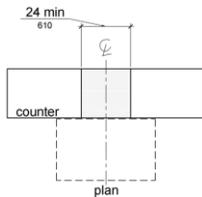
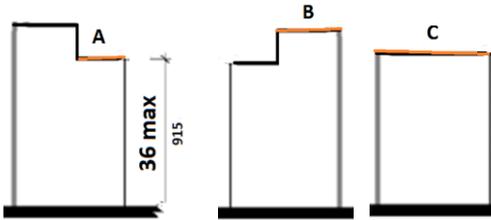


Figure 904.4 (Exception)
Alteration of Sales and Service Counters

63

Service Counter - Depth

Same depth as the counter top



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64

Service Counter - Width

- 36 inch minimum width
- No merchandise and equipment



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Security Glazing §904.6

- addresses communication issues
- telephone volume control §704.3



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Food Service Lines §227.4 & F227.4

- All food service lines must comply



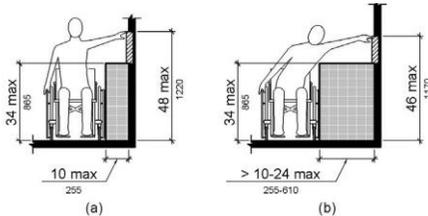
- Tray slide height: 28 to 34 inches

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67

Food Service Lines Self-Service Shelves

- At least 50% of each type must be within an accessible reach range.



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68

Dispensing Devices §227.4, F227.4 & 904.5

- All dispensing devices for tableware, dishware, condiments, food and beverages must be within an accessible reach range



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69

Dispensing Devices §904.5.1

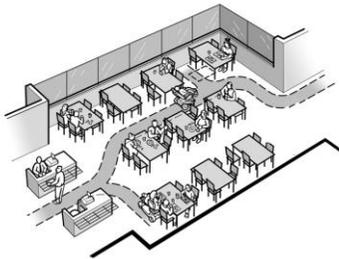


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70

Dining Surfaces §226 & F226

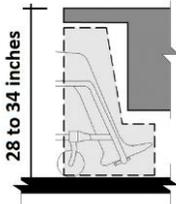
- 5 percent of standing or seating spaces
- Dispersal



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71

Dining Surfaces §902



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72

Dressing Rooms §222 & F222

- At least 5% of each type
- At least one of each type of coat hook and shelf

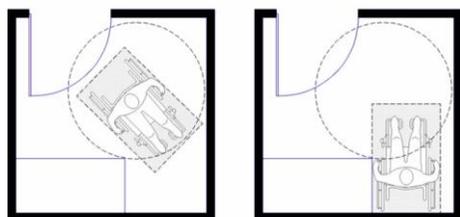
Alterations: If technically infeasible



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Dressing/ Fitting/ Locker Rooms

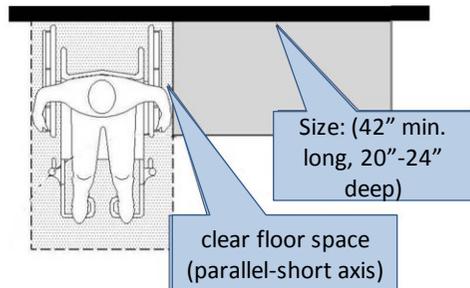


- Door swing into turning space (if wheelchair space beyond swing)

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74

Benches §903

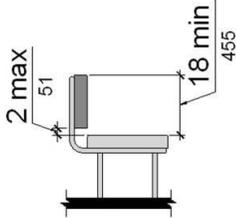


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Benches

- Back support - new specifications



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76

ATMs and Fare Machines §220 & F220

Access to 1 of each type at each location

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



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77

Vending Machines §228 & F228

Access to 1 of each type

- reach range
- clear floor space



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Questions?

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80

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81



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Course Title: Accessible Retail Stores and Spaces: Advanced Session
Course Number: GL20141106 November 6, 2014



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