

Welcome to the AccessibilityOnline Webinar Series



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



The Session is Scheduled to begin at 2:30pm Eastern Time
We will be testing sound quality periodically

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1



Webinar Features



- **Closed captioning** – click **CC** icon (top of screen) or control-F8 and adjust the captioning screen as needed
- **Customize your view** – choose “View” from the menu bar at the top of the screen and choose the layout you prefer from the dropdown menu.
- **Questions** - type and submit questions in the Chat Area Text box or press control-M and enter text in the Chat Area
- **Emotions/Hand-raising:** Please do not use these features during this session

2

Presenter

U.S. Access Board



Earlene Sesker

3

Accessible Schools

Session Agenda

- Standards
- Covered Facilities
- Scoping
- Classrooms
- Common Use Areas
- Questions

4

New ADA Standards



DOJ's 2010 standards
(mandatory March 15, 2012)



Based on the Board's
ADA-ABA Guidelines (2004)



5

ADA and ABA Standards

ADA :

- DOJ's standards (2010)
- DOT's standards (2006) for transit facilities



ABA (Federal Sector):

- ABA standards updated (GSA, DOD, USPS)
- Update of HUD standards still pending
- (UFAS still applies to housing covered by ABA)

6

Covered Facilities



- Pre-School
- Elementary School
- Middle School
- High Schools
- Colleges and Universities
- Trade Schools

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New Construction

- All areas must comply except:
- Exempted structures/spaces
- Work areas (ADA facilities)
- Partially scoped spaces

8

Scoping

- Parking
- Entrances
- Accessible routes
- Classrooms
- Toilet and bathing rooms
- Common Use Areas

9

Accessible Parking Scoping

- Where visitor, patron, or employee parking is provided
- Calculated on a facility by facility basis *
- A facility can be a single space, a parking lot, a parking floor within a building, or a stand alone parking structure

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Accessible Parking Scoping

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

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Passenger Loading Zones



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

12

Classrooms

Assembly Areas

- Fixed Seats
- Furniture



13

Toilet Rooms in Classrooms

- Those *within* classrooms are required to be accessible.



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Clustered Toilet Rooms

New exception:

Access to at least 50% of single user toilet rooms clustered at one location that serve same users (instead of 100%)

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Common Use Areas

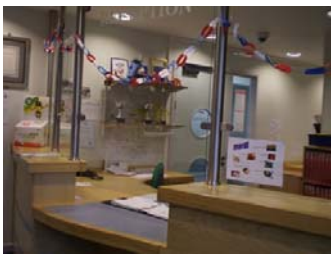
All must be accessible unless otherwise stated.



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Public Use Areas



Office and Waiting Areas

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Public Use and Common Use Toilet Rooms



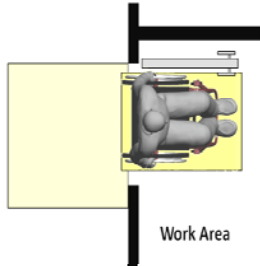
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18

Work Areas (ADA)

Access for “approach, entry, & exit”

- Door man. clearance (exterior)
- Compliant door (clear width, hardware, opening force, etc.)
- Clear floor space
- Recommended:
 - Interior door man. clearance
 - Turning space



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Accessible Routes Scoping



Connect: Boundary of site with bus stops, *accessible* parking, passenger loading zones, and entrances

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Entrances

At least 60% of public entrances to comply

Also:

- Direct access from parking structures (all)
- Direct access from tunnels or elevated walkways
- Entrances to different tenant spaces
- Restricted or secured entrances (at least 1)

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Accessible Routes

- Coincident with routes used by others
- Same general area



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Interior Accessible Routes

- At least one accessible route connecting accessible entrance with accessible spaces and elements (all)



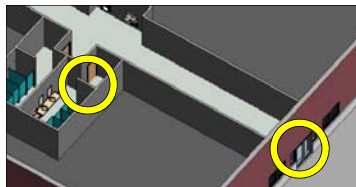
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Doors

Covers doors providing user passage at:

- required accessible entrances
- accessible rooms/spaces (at least 1)
- along accessible routes & MOE



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Vertical Access (Elevators) Required

- Title II entities
- Professional Offices of a Healthcare Provider
 - Where a State-regulated professional provides physical or mental health services to the public

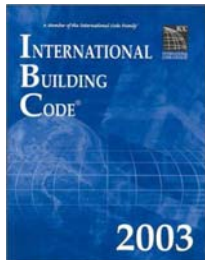


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Accessible Means of Egress

- Reference to the International Building Code (IBC)
- Standby power for platform lifts on egress routes



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Wheelchair Accessible Public Telephones

- Coin-operated and coinless public pay telephones
- Public closed-circuit telephones
- Public courtesy phones

1 phone or 1 bank per floor, level, and exterior site provided, 1 per floor, level or exterior site
2 or more banks per floor provided, 1 per bank

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27

Dressing, Fitting, & Locker Rooms

Access to at least 5% of each type of use in each cluster



28

Ground-level Requirement One of Each Type



29

Minimum Number of Elevated Components

50% of all elevated play components in a play area must be reached by an accessible route



Less than 20 elevated components: ramp and/or transfer = 50%



20 or more elevated components: 25 % ramp + 25% ramp and/or transfer = 50%

30

Area of Sport Activity

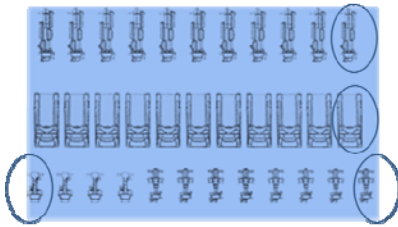
- Accessible route to each area of sport activity
- Exempt from firm, stable, and slip resistant surface



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Exercise Equipment and Machines



One of each type

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Swimming Pools

- Required means of access into the water
 - Over 300 linear ft of pool wall = 2 (one primary)
- Less than 300 linear ft of pool wall = 1 lift or sloped entry



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Technical Requirements

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Passenger Loading at Entrance

- Canopy not required (2010 ADA Standard)



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35

Accessible Entrances Automatic Doors Recommended



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Protruding Objects



Alcove or wing wall removes the drinking fountain from the circulation path

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Toilet Rooms, Classrooms, Public Use and Common Use Areas

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Water Closet Clearance

Not permitted in 2010 Standards

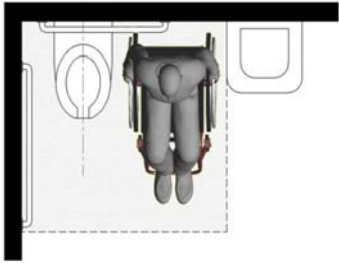


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39

Water Closet Clearance

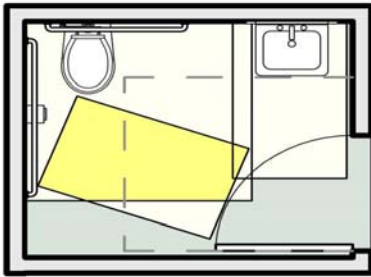
Allows space for side transfers



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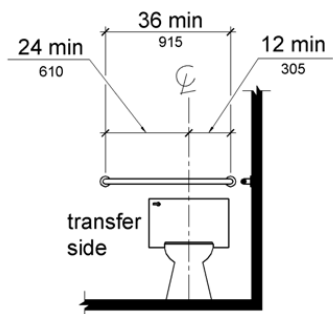
Toilet Room



Door can swing into fixture clearances where unobstructed wheelchair space is available beyond

41

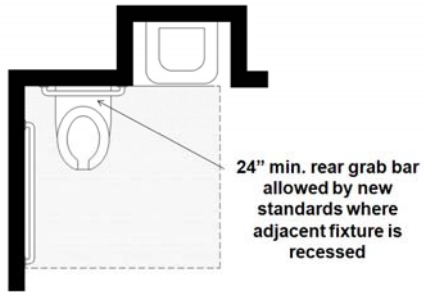
Rear Grab Bar



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42

Recessed Fixture Saves Space

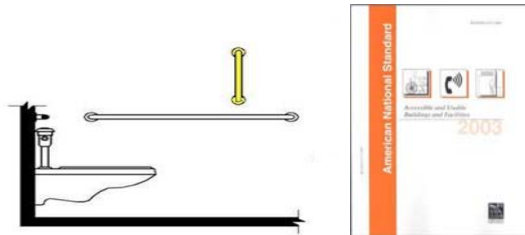


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43

Grab Bars

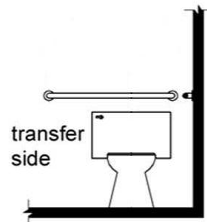
ANSI A117.1 requires 18" min. vertical grab bar (ADA and ABA guidelines do not)



44

Flush Controls

Location: open side of water closet
Height: 48" max.



45

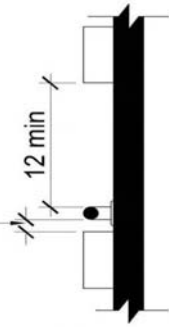
Grab Bars

Clearances:

- 1 ½" behind (absolute)
- 1 ½" min. below

New:

- 12" min. above 1 ½ min



46

Dispensers

Common problem: large dispensers above grab bar impact usability

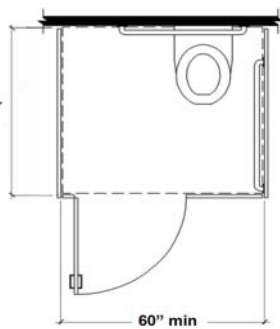


47

Toilet Stalls

Standard Stall

56" min. (wall hung WC)
59" min. (floor-mounted or children's WC)



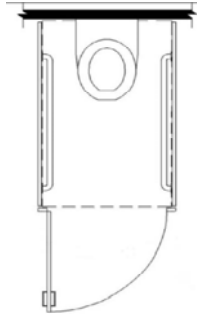
48

Ambulatory Stall

- parallel grab bars
- width: 36" (absolute)
- doors: out-swinging, self-closing

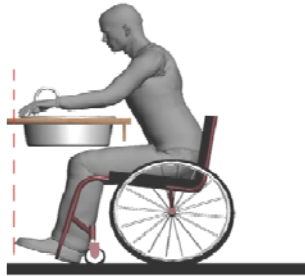
New standards:

- width: 35" – 37"
- depth: 60" min.



Lavatories

Locate controls & dispensers above, not beyond, usable CFS to be within reach



Lavatories

Tip: Avoid hospital style lavs with deep projections



They take up more space and require a greater reach to faucet controls and dispensers

Children's Toilets

Alternate Specifications:

- WC centerline 12" – 18"
- WC seat height 11" – 17"
- Grab bar height 18" – 27"
- Dispenser height 14" – 19"

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52

Children's Toilets

Advisory information provides guidance according to age group

	Ages 3 & 4	Ages 5 - 8	Ages 9 - 12
WC Centerline	12 in	12 - 15 in	15 - 18 in
Toilet Seat Height	11 - 12 in	12 - 15 in	15 - 17 in
Grab Bar Height	18 - 20 in	20 - 25 in	25 - 27 in
Dispenser Height	14 in	14 - 17 in	17 - 19 in

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53

Children's Lavatories

Exceptions based on age of intended users

Ages 6 - 12:

24" high min. knee clearance allowed
(if lav. 31" high max.)

Ages 5 and under:

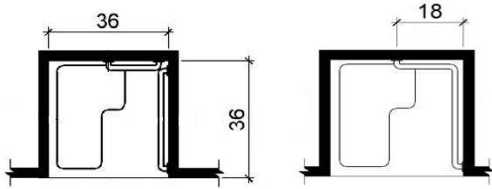
Side approach permitted

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54

Transfer Stall

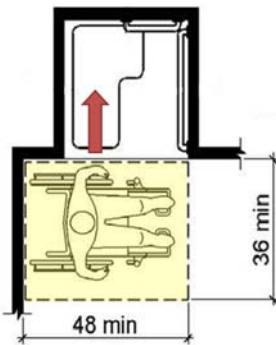
Stall dimensions: absolute, not minimum
 New standards: 36" measured at center point



Grab bars can be continuous or split

55

Transfer Stall



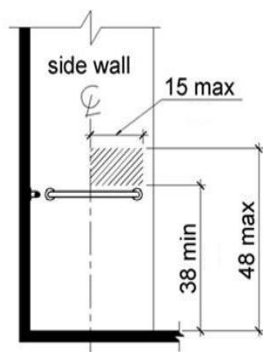
Clear floor space
 positioned for
 alignment with seat

56

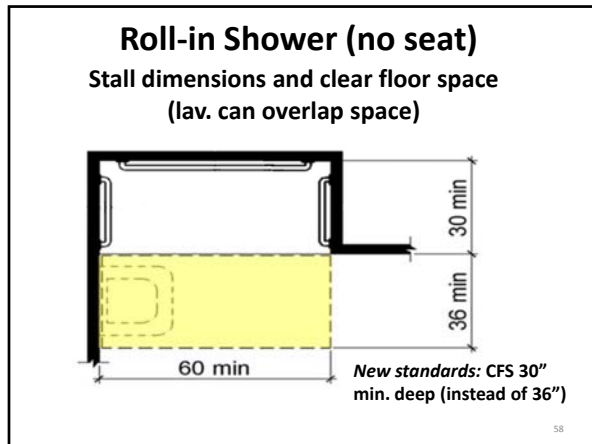
Transfer Stall

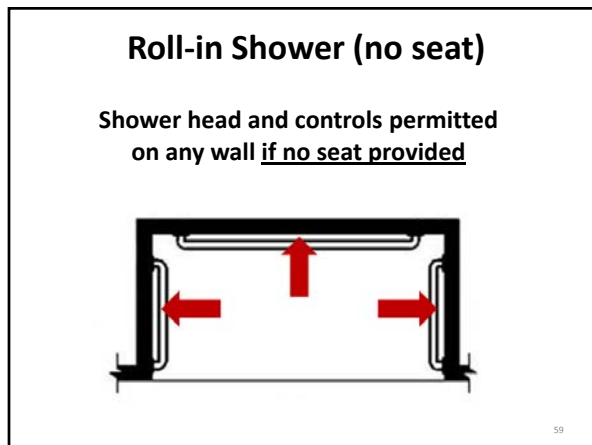
Control location near
 opening (usable from
 outside stall)

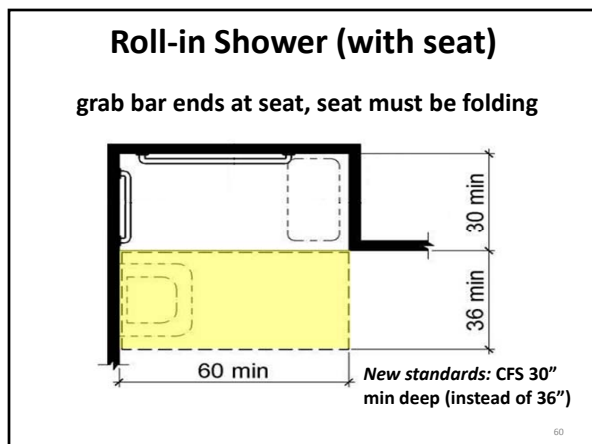
Curb: ½ max.



57

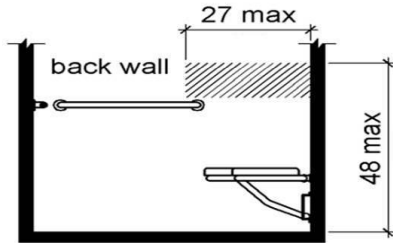






Roll-in Shower (with seat)

Shower head/controls required on back within reach from seat



61

Classrooms

- Accessible Route
- Doors
- Turning Space
- Wheelchair Space

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62

Assembly Areas

Wheelchair Spaces
lower scoping for
assembly areas with
more than 500 seats:



- 501 – 5,000 seats: 1 space/ every 150 seats (instead of 1%)
- > 5,000: 0.5% scoping

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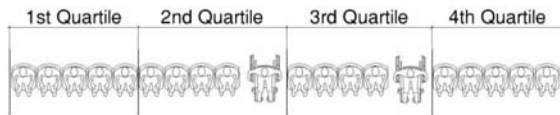
63

Assembly Areas

Horizontal Dispersion

Exception (300 seats max.) if:

Spaces & companion seats located in
the 2nd or 3rd quartile of row



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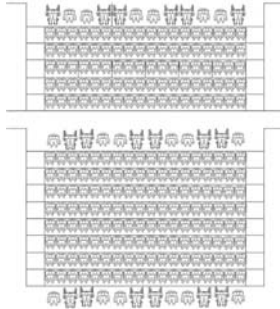
64

Assembly Areas

Vertical Dispersion

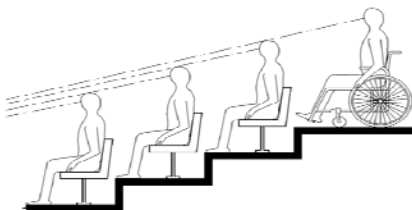
Exception (300 seats
max.) if:

Viewing angles = or
better than the
average viewing
angles in the
assembly area



65

Assembly Areas

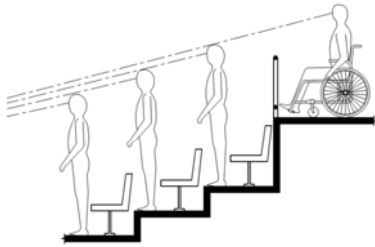


Wheelchair spaces must provide
comparable lines of sight

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66

Assembly Areas



lines of sight over standing spectators

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67

Locker Room

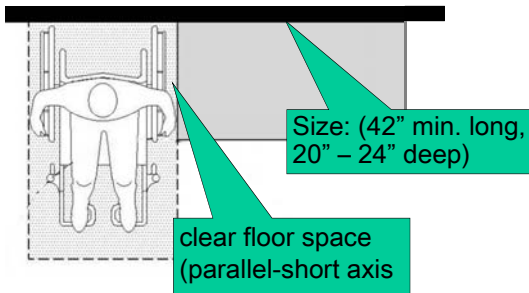
- Turning Space
- Door
- Benches
- Coat Hooks and Shelves



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68

Benches



69

School Office



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70

Sales and Service Counters

- Full depth of transaction counter @ 36" max.
- Parallel or forward approach
 - Knee and toe space for forward
- Removed: alternatives to counter access

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71

Cafeterias

- Accessible tables on accessible routes
- Tray slide height – 28" min. and 34" max.
- Self-service shelves and dispensing devices for tableware, dishware, condiments, food and beverages within reach
- Accessible check-out counters

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72

Cafeterias

- Ensure knee and toe space beneath tables



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73

Library



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74

Ground Level Accessible Routes



- | | |
|--------------------------|----------------------|
| • Surface | • Running Slope |
| • Clear width | • Cross Slope |
| • Clear width reductions | • Openings |
| • Changes in level | • Protruding Objects |

75

Elevated Accessible Routes

- Ramps



- Transfer Systems



76

Area of Sport Activity

- Court Sports –
- Accessible route to directly connect both sides of the court



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77

Swimming pools

- Required means of access into the water
 - Over 300 linear ft of pool wall = 2 (one primary)
 - Less than 300 linear ft of pool wall = 1 lift or sloped entry



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Communications

- TTY's and Telephones
- Visual Alarms
- Signs
- Patient and visitor information

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79

2-Way Communication Systems



**Entrances:
Communication
devices must
have both visual
and audible
signals**

80

TTY's and Volume Controls

- **Public *pay* telephones**
 - Banks of 4 or more units - 1/bank unless banks are within 200'
 - Where phones are provided at hospital emergency room, recovery room, or waiting room – at least one TTY
- **Volume Controls**
 - At all *public* phones



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81

Visual Alarms

Visual alarms, where required, must be located in toilet and bathing facilities and all other public and common use spaces



82

Signs

- All signs “designating permanent rooms and spaces must have raised letters and braille
- Informational signs must comply with provisions for low-vision access
- EXEMPT: Directories, menus, occupant names, building addresses, and company names and logos

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83

Types of Signs



Exempt Directory



Directional



Room Designation

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84

Classroom Acoustics

- ANSI/ASA S12.60 CLASSROOM ACOUSTICS STANDARD

- Permanent Schools (Part I)
- Relocatable Classrooms (Part II)



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Questions?

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86

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87

Thank you for participating in
today's webinar



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Accessible Golf Courses
January 5, 2012

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88
