ICC A117.1 STANDARD

SECOND PUBLIC REVIEW DRAFT

NOVEMBER 7, 2014

ICC/ANSI A117.1 STANDARD DEVELOPMENT - 2015 EDITION

CLOSING DATE FOR PUBLIC COMMENTS
MONDAY, DECEMBER 22, 2014

ICC A117.1 Standard – Accessible and Usable Buildings and Facilities
Second Public Review Draft
November 7, 2014

This is the Second Public Review Draft of the 2015 edition of the ICC A117.1 Standard.

This draft contains changes to the First Public Review Draft (Published October 25, 2013) which will eventually change the 2009 edition. Only the actual changes to the First Public Review Draft are shown. The background to each change and how the change fits into the balance of the standard are not shown in this document.

Please note:

1. Some changes shown in the Second Public Review draft reverse changes approved and included in the First Public Review Draft. These actions, if sustained would result in the 2009 edition of the standard not being amended in such a section.
2. Where there are multiple changes to the same section, each approved change will be integrated into the standard so that all changes are reflected. The Second Public Review Draft – Supplement, listed below, is an unofficial merging of the approved changes into the Standard as reflected in both the First and Second Public Review Drafts.
3. Figures common to the published standard are not included in the Public Review Draft. Figures are illustrative of the text of the standard. They will be editorially revised as necessary and included in the published standard.

For further information, please see the following documents. The documents are found the A117.1 Standard page of the ICC website.
http://www.iccsafe.org/cs/standards/A117/Pages/default.aspx

1. Second Public Review Draft – Background Report
2. Second Public Review Draft – Supplement
3. First Public Review Draft Background Report.

Providing Public Comment.

Comments will be accepted through Monday, December 22, 2014. Comments must be provided on the ICC Standards Public Comment Form. The form can be found at the ICC website as follows: http://www.iccsafe.org:8888/cs/standards/Pages/publicforms.aspx. The form is also appended to the end of this document.

Comments will only be accepted on the changes shown (strike-out/underline portions) in this Second Public Review Draft. Comments on previously approved changes not included in the Second Public Review Draft will not be accepted. As appropriate, such comments may be set aside for consideration in the next development cycle for the standard after the 2015 edition is published.

The comment form requires you to supply the Proposal Number and Section Number to which you are providing comment. Those relevant numbers are found in the first two columns on the following pages. Many of the proposals affect multiple sections. If your comment applies to multiple sections please indicate all of the sections affected by your comment. Please provide changes to the text of the standard in "legislative format": Cross out text you propose ~~to be removed~~; Underline text you propose <u>to be added</u>.

If you have questions, please direct them to Kermit Robinson, krobinson@iccsafe.org

Closing Date for Public Comments – Monday, December 22, 2014.

Chapter 1

Proposal Number	Section Number*	Second Public Review Draft Change
1-4-12 PC1	**102**	**Revise as follows:** **102 Human Factor Provisions.** The technical criteria in this standard are based on body sizes and functional abilities of adults and, in ~~some~~ those sections where specifically noted, children. ~~They provide minimum conditions of accessibility.~~
1-10-12 PC1	**106.5**	**Delete without substitution: 106.5 Defined terms** ~~**space.** A definable area, such as a room, toilet room, hall, *assembly area*, *entrance*, storage room, alcove, courtyard, or lobby.~~
1-10-12 PC2	**106.5**	**Delete without substitution: 106.5 Defined terms** ~~**place of religious worship.** A building or a portion thereof intended for the performance of religious services.~~
Other changes which include changes to Chapter 1.		
	106.5	**See Proposal Number 3-6-12 PC2**
	106.5	**See Proposal Number 4-42-12 PC2**
	105.2	**See Proposal Number 4-23-12 PC2**
	105.2	**See Proposal Number 7-1-12 PC3**
	105.2	**See Proposal Number 8-6-12 PC1**
	105.2	**See Proposal Number 8-15-12 PC5**

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 2

There are no changes proposed for Chapter 2.

Chapter 3

Proposal Number	Section Number*	Second Public Review Draft Change
3-4-12 PC4/PC5	**303.3**	**Revise as follows:** **303.3 Beveled.** ~~Changes in level greater than 1/4 inch (6.4 mm) in height and not more than 1/2 inch (13 mm) maximum in height shall comply with one of the following:~~ ~~1. The change in level shall be beveled with a slope not steeper than 1:2.~~ ~~2. The change in level shall be a combination of vertical change in level of ¼ inch (6.4 mm) maximum below a bevel with a slope not steeper than 1:2.~~ Changes in level greater than 1/4 inch (6.4 mm) in height and not more than 1/2 inch (13 mm) maximum in height shall be beveled with a slope not steeper than 1:2.
3-5-12	**304.2**	**Revise as follows:** **304 Turning Space** **304.2 Floor Surface.** Floor surfaces of a turning space shall have a slope not steeper than 1:48 and shall comply with Section 302. Changes in level exceeding that permitted by Section 303.3 are not permitted within the turning space. ~~**EXCEPTION:** Slopes not steeper than 1:48 shall be permitted.~~ **305 Clear Floor or Ground Space**
	305.2	**305.2 Floor Surfaces.** Floor surfaces of a clear floor space shall have a slope not steeper than 1:48 and shall comply with Section 302. Changes in level exceeding that permitted by Section 303.3 are not permitted within the clear floor space. ~~**EXCEPTION:** Slopes not steeper than 1:48 shall be permitted.~~ **404.2 Manual doors**
	404.2.3.1	**404.2.3.1 Floor Surface.** Floor surface within the maneuvering clearances shall have a slope not steeper than 1:48 and shall comply with Section 302. Changes in level exceeding that permitted by Section 303.3 are not permitted within the maneuvering clearances. **405 Ramps**
	405.7.1	**405.7.1 Slope.** Landings shall have a slope not steeper than 1:48 and shall comply with Section 302. Changes in level exceeding that permitted by Section 303.3 are not permitted within the landings. **502 Parking spaces**
	502.5	**502.5 Floor Surfaces.** Parking spaces and access aisles shall comply with Section 302 and have surface slopes not steeper than 1:48. Access aisles shall be at the same level as the parking spaces they serve. Changes in level exceeding that permitted by Section 303.3 are not permitted within the parking

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-PC2 continued		spaces and access aisles. **503 Passenger loading zones** **503.4 Floor Surfaces.** Vehicle pull–up spaces and access aisles serving them shall comply with Section 302 and shall have slopes not steeper than 1:48. Access aisles shall be at the same level as the vehicle pull–up space they serve. Changes in level exceeding that permitted by Section 303.3 are not permitted within the vehicle pull-up spaces and access aisles. **802 Wheelchair spaces** **802.2 Floor Surfaces.** The floor surface of wheelchair space locations shall have a slope not steeper than 1:48 and shall comply with Section 302. Changes in level exceeding that permitted by Section 303.3 are not permitted within the floor surface of wheelchair space locations.
3-6-12 PC2	**106.5** **304.3.1** **304.3.2**	**106.5 Defined terms - Add new definition as follows:** **Existing building.** A building erected prior to the date of adoption of this standard, or one for which a legal building permit has been issued. **Revise as follows:** **304.3.1 Circular Space.** **304.3.1.1 New Buildings.** In new buildings, the turning space shall be a circular space with a 67 inch (1700 mm) minimum diameter. The turning space shall be permitted to include knee and toe clearance complying with Section 306. Where the turning space includes knee and toe clearances under an obstruction, the overlap shall comply with all of the following: 1. The depth of the overlap shall not be more than 10 inches (255 mm), and 2. The depth shall not exceed the depth of the knee and toe clearances provided, and 3. The overlap shall be permitted only within the turning circle area shown shaded in Figure 304.3.1. **304.3.1.2 Existing buildings.** In existing buildings, the turning space shall be a circular space with a 60 inch (1525 mm) minimum diameter. The turning space shall be permitted to include knee and toe clearance complying with Section 306. **304.3.2 T-Shaped Space.** **304.3.2.1 New Construction.** In new buildings, the turning space shall be a T–shaped space complying with one of the following: 1. A T-shaped space, clear of obstruction, that fits within an area 68 inches (1725 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm)

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued		minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base. 2. A T-shaped space, clear of obstruction, that fits within an area 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms 38 inches (965 mm) minimum in width and a base 42 inches (1065 mm) minimum in width. Each arm shall extend 11 inches (280 mm) minimum from each side of the base, located opposite the other, and the base shall extend 22 inches (560 mm) minimum from each arm. 3. A T-shaped space, clear of obstruction, that fits within an area 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms and one base 40 inches (1015 mm) minimum in width. Each arm shall be 16 inches (405 mm) minimum in each direction from the base and the base shall extend 24 inches (610 mm) minimum from each arm. **304.3.2.2 Existing Buildings.** In existing buildings, the turning space shall be a T-shaped space within a 60-inch (1525 mm) minimum square, with arms and base 36 inches (915 mm) minimum in width. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction, and the base shall be clear of obstructions 24 inches (610 mm) minimum. The turning space shall be permitted to include knee and toe clearance complying with Section 306 only at the end of either the base or one arm.
	305.3	**305.3 Size.** **305.3.1 New Buildings.** In new buildings, the clear floor space shall be 52 inches (1320 mm) minimum in length and 30 inches (760 mm) minimum in width. **305.3.2 Existing Buildings and Within New Type B Units.** In existing construction and within new Type B units, the clear floor space shall be 48 inches (1220 mm) minimum in length and 30 inches (760 mm) minimum in width.
	305.7.2	**305.7.2 Forward Approach.** **305.7.2.1 New Buildings.** In new buildings, Where the clear floor space is positioned for a forward approach, the alcove shall be 36 inches (915 mm) minimum in width where the depth exceeds 20 inches (510 mm). **305.7.2.2 Existing Buildings and Within New Type B Units.** In existing buildings and within new Type B units, where the clear floor space is positioned for a forward approach, the alcove shall be 36 inches (915 mm) minimum in width where the depth exceeds 24 inches (610 mm).
	308.2	**308.2 Forward Reach.** **308.2.1 Unobstructed.** **308.2.1.1 New Buildings.** In new buildings, where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 23 inches (585 mm) minimum above the

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued		floor. **<u>308.2.1.2 Existing Buildings and Within New Type B Units.</u>** <u>In existing buildings and within new Type B units, where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor.</u>
	403.5.1	**403.5.1 General.** The clear width of an accessible route shall be 36 inches (915 mm) minimum. The clear width of an exterior accessible route shall be 48 inches (1220 mm) minimum. **EXCEPTIONS:** 1. <u>In new buildings, t</u>he clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided the reduced width segments are separated by segments that are 52 inches (1320 mm) minimum in length and 36 inches (915 mm) minimum in width. 2. <u>In existing buildings and within new Type B units, the clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided the reduced width segments are separated by segments that are 48 inches (1220 mm) minimum in length and 36 inches (915 mm) minimum in width.</u> 3. The clear width of an exterior ramp shall comply with Section 405.5.
	403.5.2	~~**403.5.1**~~ **<u>403.5.2</u> Clear Width at 180 Degree Turn**. **<u>403.5.2.1 New Buildings.</u>** <u>In new buildings,</u> where an accessible route makes a 180 degree turn around an object that is equal to or greater than 52 inches (1320 mm) in width, the clear widths in the turn shall comply with Section 405.5.1. Where an accessible route makes a 180 degree turn around an object that is less than 52 inches (1320 mm) inches in width, the clear widths approaching the turn, during the turn and leaving the turn, shall be one of the following sets of dimensions: 1. Approaching width is 36 inches (915 mm) minimum, during width is 60 inches (1525 mm) minimum, and leaving width is 36 inches (915 mm) minimum. 2. Approaching width is 42 (1065 mm) inches minimum, during width is 48 inches (1220 mm) minimum, and leaving width is 42 (1065 mm) inches minimum. 3. Approaching width is 43 inches (1090 mm) minimum, during width is 43 inches (1090 mm) minimum, and leaving width is 43 inches (1090 mm) minimum. **<u>403.5.2.2 Existing Buildings and Within New Type B Units.</u>** <u>In existing buildings and within new Type B units, where an accessible route makes a 180 degree turn around an object that is less than 48 inches (1220 mm) in width, clear widths shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum during the turn and 42 (1065 mm) inches</u>

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued		minimum leaving the turn. **EXCEPTION:** Section 403.5.1 shall not apply where the clear width during the turn is 60 inches (1525 mm) minimum.
	403.5.3	**403.5.3 Clear Width at 90 Degree Turn.** **403.5.3.1 New Buildings.** In new buildings, where an accessible route makes a 90 degree turn the clear widths approaching the turn and leaving the turn shall be one of the following sets of dimensions: 1. Both legs of the turn shall be 40 inches (1016 mm) minimum in width. The width of each leg of the turn shall be maintained for 28 inches minimum from the inner corner. 2. Where the interior corners of the turn are chamfered for 8 inches minimum (205 mm) along both walls, both legs of the turn shall be 36 inches (915 mm) minimum in width. **EXCEPTIONS:** 1. Where one leg of the turn is 42 inches (1065 mm) minimum in width, the other shall be permitted to be 38 inches (965 mm) minimum in width. 2. Where one leg of the turn is 44 inches (1115 mm) minimum in width, the other shall be permitted to be 36 inches (915 mm) minimum in width. **403.5.3.2 Existing Buildings and Within Type B Units.** In existing buildings and within new Type B units, where an accessible route makes a 90 degree turn the clear widths approaching the turn and leaving the turn shall be 36 inches (915 mm) minimum.
	403.5.4	**403.5.4 ~~403.5.2~~ Passing Space.** **403.5.4.1 New Buildings.** In new buildings, An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either a 60-inch (1525 mm) minimum by 60-inch (1525 mm) minimum space, or an intersection of two walking surfaces that provide a T-shaped turning space complying with Section 304.3.2, provided the base and arms of the T-shaped space extend 52 inches (1320 mm) minimum beyond the intersection. **403.5.4.2 Existing Buildings and Within New Type B Units.** In existing buildings and within new Type B units, an accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either a 60-inch (1525 mm) minimum by 60-inch (1525 mm) minimum space, or an intersection of two walking surfaces that provide a T-shaped turning space complying with Section 304.3.2, provided the base and arms of the T-shaped space extend 48 inches (1220 mm) minimum beyond the intersection.

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued	**404.2.3.2**	**404.2.3.2 Swinging Doors and Gates.** Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.3.2.

Table 404.2.3.2
Maneuvering Clearances at Manual Swinging Doors and Gates

TYPE OF USE		MINIMUM MANEUVERING CLEARANCES	
Approach Direction	**Door or Gate Side**	**Perpendicular to Doorway**	**Parallel to Doorway (beyond latch unless noted)**
From front	Pull	60 inches (1525 mm)	18 inches (455 mm)
From front	Push	52 inches [5] (1320 mm)	0 inches (0 mm)[3]
From hinge side	Pull	60 inches (1525 mm)	36 inches (915 mm)
From hinge side	Pull	54 inches (1370 mm)	42 inches (1065 mm)
From hinge side	Push	42 inches (1065 mm)[1]	22 inches (560 mm)[3 & 4]
From latch side	Pull	48 inches (1220 mm)[2]	24 inches (610 mm)
From latch side	Push	42 inches (1065 mm)[2]	24 inches (610 mm)

1. Add 6 inches (150 mm) if closer and latch provided.
2. Add 6 inches (150 mm) if closer provided.
3. Add 12 inches (305 mm) beyond latch I if closer and latch provided.
4. Beyond hinge side.
5. In existing buildings and within new Type B buildings the dimension perpendicular to the door for the front direction on the push side shall be 48 inches (122 mm) minimum.

404.2.3.3

404.2.3.3 Sliding and Folding Doors. Sliding doors and folding doors shall have maneuvering clearances complying with Table 404.2.3.3.

Table 404.2.3.3
Maneuvering Clearances at Sliding and Folding Doors

Approach Direction	MINIMUM MANEUVERING CLEARANCES	
	Perpendicular to Doorway	**Parallel to Doorway (beyond stop or latch side unless noted)**
From front	52 inches [2] (1320 mm)	0 inches (0 mm)
From nonlatch side	42 inches (1065 mm)	22 inches (560 mm)[1]
From latch side	42 inches (1065 mm)	24 inches (610 mm)

1. Beyond pocket or hinge side.
2. In existing buildings and within new Type B buildings the dimension perpendicular to the door for the front direction shall be 48 inches (122 mm) minimum.

<table>
<tr><th>Proposal Number</th><th>Section Number*</th><th>Second Public Review Draft Change</th></tr>
<tr><td>3-6-12 PC2 Continued</td><td>404.2.3.4</td><td>404.2.3.4 Doorways without Doors or Gates. Doorways without doors or gates that are less than 36 inches (915 mm) in width shall have maneuvering clearances complying with Table 404.2.3.4.

Table 404.2.3.4
Maneuvering Clearances for Doorways without Doors
<table><tr><th>Approach Direction</th><th>MINIMUM MANEUVERING CLEARANCES Perpendicular to Doorway</th></tr><tr><td>From front</td><td>52 inches (1320 mm) [1]</td></tr><tr><td>From side</td><td>42 inches (1065 mm)</td></tr></table>1. In existing buildings and within new Type B buildings the dimension perpendicular to the doorway for the front direction shall be 48 inches (122 mm) minimum.

408 Limited-Use/Limited-Application Elevators</td></tr>
<tr><td></td><td>408.4.1</td><td>408.4.1 Inside Dimensions. Elevator cars shall provide a clear floor width of 42 inches (1065 mm) minimum. The clear floor area shall not be less than 15.75 square feet (1.46 m^2). The elevator car shall provide a clear floor space complying with Section 305.3.

EXCEPTIONS:

1. For installations in existing buildings, elevator cars that provide a clear floor area of 15 square feet (1.4 m^2) minimum, and provide a clear inside dimension of 36 inches (915 mm) minimum in width and 54 inches (1370 mm) minimum in depth, shall be permitted. This exception shall not apply to cars with doors on adjacent sides.

2. For installations in existing buildings, cars that provide a clear width 51 inches (1295 mm) minimum shall be permitted to provide a clear depth 51 inches (1295 mm) minimum provided that car doors provide a clear opening 36 inches (915 mm) wide minimum.

409 Private Residence Elevators</td></tr>
<tr><td></td><td>409.4.1</td><td>409.4.1 Inside Dimensions.

409.4.1.1 New Buildings. In new buildings, elevator cars shall provide a clear floor area 36 inches (915 mm) minimum in width and 52 inches (1322 mm) minimum in depth.

409.4.1.2 Existing Buildings and Within New Type B Units. In existing buildings and within new Type B units, elevator cars shall provide a clear floor area 36 inches (915 mm) minimum in width and 48 inches (1220 mm) minimum in depth.

410 Platform Lifts</td></tr>
<tr><td></td><td>410.5.1</td><td>410.5.1 Lifts with Single Doors or Doors on Opposite Ends.

410.5.1.1 New Buildings. In new buildings, platform lifts with a single door or</td></tr>
</table>

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued		doors on opposite ends shall provide a clear floor width of 36 inches (915 mm) minimum and a clear floor depth of 52 inches (1322 minimum). **Exception**: Incline platform lifts with passenger restraining arms, shall be permitted to provide a clear floor width of 36 inches (915 mm) minimum and a clear floor depth of 48 inches (1220) mm. **410.5.1.2 Existing Buildings and Within New Type B Units.** In existing buildings and within new Type B units, platform lifts with a single door or doors on opposite ends shall provide a clear floor width of 36 inches (915 mm) minimum and a clear floor depth of 48 inches (1220 minimum).
	502.4.2	**502.4.2 Width.** **502.4.2.1 New Buildings**. In new buildings, access aisles serving car and van parking spaces shall be 67 inches (1700 mm) minimum in width**.** **502.4.2.2 Existing Buildings and Within New Type B Units.** In existing buildings and serving new Type B units, access aisles serving car and van parking spaces shall be 60 inches (1525 mm) minimum in width.
		503 Passenger Loading Zones
	503.3.2	**503.3.2 Width.** **503.3.2.1 New Buildings.** In new buildings, access aisles serving vehicle pull-up spaces shall be 67 inches (1700 mm) minimum in width. **503.3.2.2 Existing Buildings and Within New Type B Units.** In existing buildings and seving new Type B units, access aisles serving vehicle pull-up spaces shall be 60 inches (1525 mm) minimum in width.
	608.2.1.2	**608.2.1.2 Clearance.** **608.2.1.2.1 New Buildings.** In new buildings, a clearance of 52 inches (1320 mm) minimum in length measured perpendicular from 12 inches beyond the seat wall, and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment. **608.2.1.2.2 Existing Buildings and Within New Type B Units.** In existing buildings and within new Type B units, a clearance of 48 inches (1220 mm) minimum in length measured perpendicular from the control wall, and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment.
		802 Assembly Areas
	802.4	**802.4 Depth.** **802.4.1 New Buildings.** In new buildings, where a wheelchair space can be entered from the front or rear, the wheelchair space shall be 52 inches (1320 mm) minimum in depth. Where a wheelchair space can only be entered from the side, the wheelchair space shall be 60 inches (1525 mm) minimum in depth.

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued		**802.4.2 Existing Buildings.** In existing buildings, where a wheelchair space can be entered from the front or rear, the wheelchair space shall be 48 inches (1220 mm) minimum in depth. Where a wheelchair space can only be entered from the side, the wheelchair space shall be 60 inches (1525 mm) minimum in depth. **802.5 Approach.** The wheelchair space shall adjoin an accessible route. The accessible route shall not overlap the wheelchair space.
	802.5.1	**802.5.1 Overlap.** A wheelchair space location shall not overlap the required width of an aisle. **Exception:** In new buildings, the depth of the wheelchair space shall be permitted to overlap the required aisle width a maximum of 4 inches (100 mm).
	802.7.2	**802.7.2 Companion Seat Alignment**. In row seating, the companion seat shall be located to provide shoulder alignment with the wheelchair space occupant. ~~The shoulder of the wheelchair space occupant is considered to be 36 inches (915 mm) from the front or 16 inches (405 mm) from the rear of the wheelchair space.~~ The floor surface for the companion seat shall be at the same elevation as the wheelchair space floor surface. **EXCEPTION:** Companion seat alignment is not required in tiered seating that includes dining surfaces or work surfaces. **802.7.2.1 New Buildings.** In new buildings, the shoulder of the wheelchair space occupant is considered to be 36 inches (915 mm) from the front or 16 inches (405 mm) from the rear of the wheelchair space. **802.7.2.2 Existing Buildings.** In existing buildings, The shoulder of the wheelchair space occupant is considered to be 36 inches (915 mm) from the front or 12 inches (305 mm) from the rear of the wheelchair space.
		804 Kitchens and Kitchenettes
	804.2.2	**804.2.2 U-Shaped Kitchens.** **804.2.2.1 New Buildings.** In new buildings, in kitchens enclosed on three contiguous sides, clearance between all opposing base cabinets, countertops, appliances, or walls within kitchen work areas shall be 67 inches (1700 mm) minimum. **EXCEPTION:** U-shaped kitchens with an island shall be permitted to comply with Section 804.2.1. **804.2.2.2 Existing Buildings.** In existing buildings, in kitchens enclosed on three contiguous sides, clearance between all opposing base cabinets, countertops, appliances, or walls within kitchen work areas shall be 60 inches (1525 mm) minimum. **EXCEPTION:** U-shaped kitchens with an island shall be permitted to comply with Section 804.2.1.

Proposal Number	Section Number*	Second Public Review Draft Change
3-6-12 PC2 Continued		**805 Transportation Facilities**
	805.2.2	**805.2.2 Dimensions.** **805.2.2.1 New Buildings and Sites.** In new buildings and sites, bus stop boarding and alighting areas shall have a 100-inch (2540 mm) minimum clear length, measured perpendicular to the curb or vehicle roadway edge, and a 60-inch (1525 mm) minimum clear width, measured parallel to the vehicle roadway. **805.2.2.2 Existing Buildings and Sites.** In existing buildings and sites, bus stop boarding and alighting areas shall have a 96 -inch (2540 mm) minimum clear length, measured perpendicular to the curb or vehicle roadway edge, and a 60-inch (1525 mm) minimum clear width, measured parallel to the vehicle roadway.
	1107.3.2	**1107.3.2 Golf Club Reach Range Area**. **1107.3.2.1 New Buildings.** In new buildings, all areas within holes where golf balls rest shall be within 36 inches (915 mm) maximum of a clear floor space 36 inches (915 mm) minimum in width and 52 inches (1320 mm) minimum in length complying with Section 305 having a running slope not steeper than 1:20. The clear floor space shall be served by an accessible route. **1107.3.2.2 Existing Buildings.** In existing buildings, all areas within holes where golf balls rest shall be within 36 inches (915 mm) maximum of a clear floor space 36 inches (915 mm) minimum in width and 48 inches (1220 mm) minimum in length complying with Section 305 having a running slope not steeper than 1:20. The clear floor space shall be served by an accessible route.
	1109.2.3	**1109.2.3 Clear Deck Space**. **1109.2.3.1 New Buildings.** In new buildings, on the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches (915 mm) minimum in width and shall extend forward 52 inches (1320 mm) minimum from a line located 12 inches (305 mm) behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48. **1109.2.3.2 Existing Buildings.** In existing buildings, on the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches (915 mm) minimum in width and shall extend forward 48 inches (1220 mm) minimum from a line located 12 inches (305 mm) behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48.
3-9-12 PC3	**304.3.2**	**Revise as follows:** **304.3.2 T–Shaped Space.** The turning space shall be a T–shaped space complying with one of the following: 1. A T-shaped space, clear of obstruction, that fits within an area 68 inches

Proposal Number	Section Number*	Second Public Review Draft Change
3-9-12 PC3 continued		(1730 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm) minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base. 2. A T-shaped space, clear of obstruction, that fits within an area 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms 38 inches (965 mm) minimum in width and a base 42 inches (1065 mm) minimum in width. Each arm shall extend 11 inches (280 mm) minimum from each side of the base, located opposite the other, and the base shall extend 22 inches (560 mm) minimum from each arm. 3. A T-shaped space, clear of obstruction, 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms and one base 40 inches (1015 mm) minimum in width. Each arm shall extend ~~be~~ ~~16~~ 12 inches (~~405~~ 305 mm) minimum ~~in each direction~~ from each side of the base and the base shall extend ~~24~~ 20 inches (~~610~~ 510 mm) minimum from each arm. **Exception:** The turning space shall be permitted to include knee and toe clearance complying with Section 306 only at the end of either the base or one arm.
3-13-12 PC4	**305.7.2**	**Revise as follows:** **305.7.2 Forward Approach**. Where the clear floor space is positioned for a forward approach, the alcove shall be 36 inches (915 mm) minimum in width where the depth exceeds 20 inches (508 mm). **Exception:** Alcoves in a kitchen or bathroom, formed by cabinets or appliances and providing for access to a sink, lavatory or accessible work surface, shall be 36 inches (915 mm) minimum in width where the depth exceeds 24 inches (610 mm).
3-20-12 PC1 and PC3 through PC6	**308.2.1**	**Revise as follows:** **308.2.1 Unobstructed.** Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be ~~23~~ 15 inches (~~585~~ 380 mm) minimum above the floor.
3-21-12 PC2	**308.2.2**	**Revise as follows:** **308.2.2 Obstructed High Reach.** Where a high forward reach is over an obstruction, the clear floor space complying with Section 305 and knee and toe clearance complying with Section 306 shall extend beneath the element for a distance not less than the reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum above the floor where the reach depth over the obstruction is 20 inches (510 mm) maximum. ~~Where the reach depth over the obstruction is more than 20 inches (510 mm) and 25 inches (635 mm) or less, the high forward reach shall be 44 inches (1120 mm) maximum above the floor.~~ The high forward reach shall be 44 inches (1120 mm) maximum above the floor where the reach depth over the obstruction is greater than 20

Proposal Number	Section Number*	Second Public Review Draft Change
		inches (510 mm) and not more than 25 inches (635 mm).
3-24-12 PC1	**308.3.1**	**Revise as follows:** **308.3.1 Unobstructed.** Where a clear floor space complying with Section 305 allows a parallel approach to an element and the edge of the clear floor space is 10 inches (255 mm) maximum from the element, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the floor. **EXCEPTIONS:** 1. Existing elements that are not altered shall be permitted at 54 inches (1370 mm) maximum above the floor. 2. Mailboxes serving Type B dwelling units and complying with Section 1001.2 shall be permitted ~~a~~ an unobstructed high side reach ~~range at~~ 54 inches (1370 mm) maximum above the floor.
5-24-12 PC1	**309.1**	**Revise as follows:** **309.1 General.** Operable parts required to be accessible shall comply with Section 309. **Exception:** ~~Equipment~~ Firefighting devices, such as hose connections, valve controls, gauges, and annunciator panels shall not be required to comply with Section 309 provided that they are used only for emergencies by ~~emergency responders or~~ emergency personnel ~~shall not be required to comply with Section 309~~ acting in their official capacity.

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 4

Proposal Number	Section Number*	Second Public Review Draft Change
4-7-12 PC1	**403.5**	**Revise as follows:** **403.5 Clear Width.** The clear width of an interior accessible route shall be 36 inches (915 mm) minimum. The clear width of an exterior accessible route shall be 48 inches (1220 mm) minimum. **Exceptions:** 1. The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided the reduced width segments are separated by segments that are 48 inches (1220 mm) minimum in length and 36 inches (915 mm) minimum in width. 2. The clear width of an exterior ramp comply with Section 405.5. 3. The clear width of a circulation path of a Type C dwelling unit shall be 36 inches (915 mm) minimum. 4. The clear width of an exterior accessible route located within seating areas shall be 36 inches (915 mm) minimum.
	403.5.1 through 405.5.4	**See Proposal Number 3-6-12 PC2**
	404.2.3.1	**See Proposal Number 3-5-12**
	Tables 404.2.3.2 through 404.2.3.4	**See Proposal Number 3-6-12 PC2**
4-23-12 PC1	**404.2.6**	**Revise as follows:** **404.2.6 Door Hardware.** Handles, pulls, latches, locks, and other operable parts on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, pinching, or twisting of the wrist to operate. The operational force to retract latches or disengage devices that hold the door in a closed position shall be as follows: 1. Hardware operation by a forward, pushing or pulling motion: 15 pounds (66.7 N) maximum 2. Hardware operation by a rotational motion: 28 inch-pounds (315 N·cm) maximum Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the floor. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. **EXCEPTION:** Locks used only for security purposes and not used for normal operation are permitted in any location.

Proposal Number	Section Number*	Second Public Review Draft Change
4-23-12 PC1 continued	**404.2.8**	**404.2.8 Door-Opening Force.** Fire doors shall have the minimum opening force allowable in scoping provisions adopted by the appropriate administrative authority. For other doors, the ~~The~~ force for pushing or pulling open doors ~~other than fire doors~~ shall be as follows: 1. Interior hinged door: 5.0 pounds (22.2 N) maximum 2. Sliding or folding door: 5.0 pounds (22.2 N) maximum ~~These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door in a closed position.~~
4-23-12 PC2	**404.2.8** **105.2**	**Revise as follows:** **404.2.8 Door-Opening Force.** Fire doors shall have the minimum opening force allowable in scoping provisions adopted by the appropriate administrative authority. For other doors the force for pushing or pulling open doors shall be as follows: 1. Interior hinged door: 5.0 pounds (22.2 N) maximum 2. Interior ~~S~~sliding or folding door: 5.0 pounds (22.2 N) maximum 3. Exterior sliding door: 10.0 pounds (45 N) maximum Opening forces for exterior sliding doors shall be determined in accordance with AAMA 513. **Add new reference standard as follows:** **105.2.XX** Standard Laboratory Test Method for Determination of Forces and Motions Required to Activate Operable Parts of CW and AW Class Operable Windows, Sliding Glass Doors and Terrace Doors in Accessible Spaces, AAMA 513 - 12 (AAMA, 1827 Walden Office Square, Suite 550, Schaumburg, IL 60173-4268)
4-30-12 PC1	**404.3.2**	**Revise as follows:** **404.3.2 Maneuvering Clearances**. Maneuvering clearances at power–assisted doors shall comply with Section 404.2.3. ~~Clearances at swinging automatic doors and gates without standby power and serving an *accessible means of egress* shall comply with Section 404.2.3.~~ ~~**EXCEPTION:** Where automatic doors and gates remain open in the power-off condition, compliance with Section 404.2.3 shall not be required.~~
4-33-12	***404.3.1***	**Add new section as follows:** **404.3.1 Public Entrances**. Where an automatic door is required at a building or facility public entrance, it shall be a full powered automatic door or a low-energy door. Where the entrance includes a vestibule that has exterior and interior entrance doors, at least one exterior door and one interior door in the vestibule shall be either a full powered automatic door or a low-energy door.

Proposal Number	Section Number*	Second Public Review Draft Change
4-31-12 PC1	**404.3**	**Revise as follows:** **404.3 Automatic Doors <u>and Power-Assisted Doors and Gates</u>**. Automatic doors and automatic gates shall comply with Section 404.3. Full powered automatic doors <u>and gates</u> shall comply with ANSI/BHMA A156.10 listed in Section 105.2.4. Power–assist doors <u>and gates</u> and low–energy automatic doors <u>and gates</u> shall comply with ANSI/BHMA A156.19 listed in Section.105.2.7. **EXCEPTION**: Doors, doorways, and gates designed to be operated only by security personnel shall not be required to comply with Sections 404.3.2, 404.3.4, and 404.3.5.
	404.3.2	**404.3.2 Maneuvering Clearances**. Maneuvering clearances at power–assisted doors <u>and gates</u> shall comply with Section 404.2.3. Maneuvering clearances <u>complying with Section 404.2.3</u> shall be provided on the egress side of low-energy automatic doors <u>and gates</u> and full power automatic doors <u>and gates</u> that serve as part of the accessible means of egress. **EXCEPTIONS:** 1. Low-energy automatic doors <u>and gates</u> and full power automatic doors <u>and gates</u> that have standby power or battery back-up shall not be required to comply with this section. 2. Low-energy automatic doors <u>and gates</u> and full power automatic doors <u>and gates</u> that remain open in the power-off condition shall not be required to comply with this section. 3. Full power automatic sliding doors <u>and gates</u> that include a break-away feature shall not be required to comply with this section.
	404.3.4	**404.3.4 Two Doors <u>or Gates</u> in Series**. Doors <u>or gates</u> in series shall comply with Section 404.2.5. **EXCEPTION:** Where both doors <u>or gates in series</u> are power assist doors, low energy automatic doors or full power automatic doors, <u>the</u> two doors <u>and gates</u> in a series shall not be required to provide a turning space between the doors.
4-34-12 PC1	**404.3.4**	**Revise as follows:** **404.3.4 Two Doors in Series.** Doors in series shall comply with Section 404.2.5. ~~**EXCEPTION:** Full power automatic doors in a series are not required to provide a turning space complying with Section 304.~~
	405.7.1	**See Proposal Number 3-5-12**
4-42-12 PC1	***406.2.1***	**Staff Note:** 4-42-12 PC1 amends four sections. Three of these sections (406.2.1, 406.2.2 and 406.5.2 are also amended by 4-42-12 PC4. **Revise as follows:** **406.2.1 Turning Space.** A turning space 48 inches (1220 mm) minimum by 48 inches (1220 mm) minimum shall be provided at the top of the curb ramp and shall be permitted to overlap other turning spaces and clear spaces. Where the turning space is constrained at the back-of-sidewalk, the turning space shall be 48

Proposal Number	Section Number*	Second Public Review Draft Change
4-42-12 PC1 continued		inches (1220 mm) minimum by 60 inches (1525 mm) minimum. The 60 inches (1525 mm) dimension shall be provided in the direction of the curb ramp run.
	406.2.2	**406.2.2 Running Slope.** The running slope of the curb ramp shall cut through or shall be built up to the curb at right angles or shall meet the gutter grade break at right angles where the curb is curved. The running slope of the curb ramp shall be 1:20 minimum and 1:12 maximum. ~~but shall not require~~ The curb ramp run length shall not be required to exceed 15 feet (4570 mm). The running slope of the turning space shall be 1:48 maximum.
	406.3.2	**406.3.2 Running Slope.** The running slope of the curb ramp shall be in-line with the direction of sidewalk travel. The running slope of the curb ramp shall be 1:20 minimum and 1:12 maximum. ~~but shall not require~~ The curb ramp run length shall not be required to exceed 15 feet (4570 mm) minimum. The running slope of the turning space shall be 1:48 maximum.
	406.5.2	**406.5.2 Grade Breaks.** Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the curb ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
4-42-12 PC2	**106.5**	**Revise as follows:** **106.5 Defined terms** **curb ramp.** A short ramp cutting through a curb or built up to it. ~~Curb ramps can be perpendicular or parallel, or a combination of parallel and perpendicular ramps.~~
4-42-12 PC3	***406.2.3***	**Add new text as follows:** **406.2.3 Flared Sides.** Where a pedestrian circulation path crosses the curb ramp, flared sides shall be provided and shall be sloped 10 percent maximum.
4-42-12 PC4	***406.2.1***	**Staff Note:** 4-42-12 PC10 amends four sections. Three of these sections (406.2.1, 406.2.2 and 406.5.2 are also amended by 4-42-12 PC1. **Revise as follows:** **406.2.1 ~~Turning Space~~ Landing.** A ~~turning space~~ landing 48 inches (1220 mm) minimum by 48 inches (1220 mm) minimum shall be provided at the top of the curb ramp and shall be permitted to overlap ~~other turning spaces~~ pedestrian routes and clear spaces. Where the ~~turning space~~ landing is constrained at the back-of-sidewalk, the ~~turning space~~ landing shall be 48 inches (1220 mm) minimum by 60 inches (1525 mm) minimum. The 60 inch~~es~~ (1525 mm) dimension shall be provided in the direction of the ramp run**.** The slope of the landing shall be 1:48 maximum in all directions.
	406.2.2	**406.2.2 Running Slope.** The running slope of the curb ramp shall cut through or shall be built up to the curb at right angles or shall meet the gutter grade break at right angles where the curb is curved. The running slope of the curb ramp shall be 1:20 minimum and 1:12 maximum but shall not require the ramp length to exceed 15 feet (4570 mm). ~~The running slope of the turning space shall be 1:48 maximum.~~
	406.3.1	**406.3.1 ~~Turning Space~~ Landing.** A ~~turning space~~ landing 48 inches (1220 mm)

Proposal Number	Section Number*	Second Public Review Draft Change
4-42-12 PC4 Continued		minimum by 48 inches (1220 mm) minimum shall be provided at the bottom of the curb ramp and shall be permitted to overlap ~~other turning spaces~~ pedestrian routes and clear spaces. Where the ~~turning space~~ landing is constrained on 2 or more sides, the ~~turning space~~ landing shall be 48 inches (1220 mm) minimum by 60 inches (1525 mm) minimum. The 60 inch~~es~~ (1525 mm) dimension shall be provided in the direction of the pedestrian street crossing. The slope of the landing shall be 1:48 maximum in all directions.
	406.3.2	**406.3.2 Running Slope.** The running slope of the curb ramp shall be in-line with the direction of sidewalk travel. The running slope of the curb ramp shall be 1:20 minimum and 1:12 maximum but shall not require the ramp length to exceed 15 feet (4570 mm). ~~The running slope of the turning space shall be 1:48 maximum.~~
	406.5.1	**406.5.1 Width.** The clear width of curb ramp runs (excluding any flared sides)~~,~~ and blended transitions~~, and turning spaces~~ shall be 48 inches (1220 mm) minimum.
	406.5.2	**406.5.2 Grade Breaks.** Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and ~~turning spaces~~ landings. Surface slopes that meet at grade breaks shall be flush.
	406.5.3	**406.5.3 Cross Slope.** The cross slope of curb ramps~~,~~ and blended transitions~~, and turning spaces~~ shall be 1:48 maximum. At pedestrian street crossings without yield or stop control and at midblock pedestrian street crossings, the cross slope shall be permitted to equal the street or highway grade.
	406.5.4	**406.5.4 Counter Slope.** The counter slope of the gutter or street at the foot of curb ramp runs, blended transitions, and ~~turning spaces~~ landings shall be 1:20 maximum.
4-44-12 PC3	**406.12**	**Revise as follows:** **406.12 Where detectable warning surfaces are required.** Where detectable warning surfaces are provided, they shall comply ~~complying~~ with Section 705~~.~~.
	406.13	**406.13 Required locations**.Detectable warning surfaces shall be provided at the following locations on pedestrian access routes and at transit stops: **1.** Curb ramps and blended transitions at pedestrian street crossings; **2.** Pedestrian refuge islands; **3.** Pedestrian at-grade rail crossings not located within a street or highway; **4.** Boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards; and **5.** Boarding and alighting areas at sidewalk or street level transit stops for rail vehicles where the side of the boarding and alighting areas facing the rail vehicles is not protected by screens or guards. **Exception:** Detectable warning surfaces are not required at pedestrian refuge islands that are cut-through at street level and are less than 6 feet (1830 mm) in

Proposal Number	Section Number*	Second Public Review Draft Change
		length in the direction of pedestrian travel.
4-54-12 PC1-PC3	**407.4.10**	**Revise as follows:** **407.4.10 Emergency Communications.** ~~Visual and audible~~ emergency two-way communication systems between the elevator car and a point outside the hoistway shall comply with Section 407.4.10 and ASME A17.1/CSA B44 listed in Section 105.2.5 ~~and provide a two-way visual communication device~~. ~~**407.4.10.1** Visual Display Device shall be provided for two-way visual communication to be activated by the elevator occupant. Visual communication devices shall consist of a key pad and monitor to enable text based or sign-language communication provided through a certified Visual relay Service~~.
	408.4.1	**See Proposal Number 3-6-12 PC2**
	409.4.1	**See Proposal Number 3-6-12 PC2**
	410.5.1	**See Proposal Number 3-6-12 PC2**

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 5

Proposal Number	Section Number*	Second Public Review Draft Change
3-6C – 12 PC3-PC10	**502.4.2**	**Revise as follows:** **502.4.2 Width.** Access aisles serving car and van parking spaces shall be ~~67~~ 60 inches (~~1700~~ 1525~~-~~mm) minimum in width.
	502.4.2	**See Proposal number 3-6-12 PC2**
	502.5	**See Proposal number 3-5-12**
	503.3.2	**See Proposal number 3-6-12 PC2**
	503.4	**See Proposal number 3-5-12**
5-11-12	**504.5**	**Staff note:** The Section 504.6.3 referred to in this proposal in Section 504.5 is located in Proposal Number 5-13-12 PC1. **Revise as follows:** ~~**504.5 Nosings.** Rounding or beveling at the leading edge of the tread shall not exceed the limit of a ½ inch (13 mm) radius. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall be 1 ½ inches (38 mm) maximum over the tread or floor below.~~ **504.5 Nosings.** Nosings shall comply with 504.5.1 through 504.6.3. **504.5.1** Nosings within a stairway shall be uniform. **504.5.2** If rounded, the radius of curvature at the leading edge shall be 1/2 inch (13 mm) maximum. **504.5.3** If beveled, the bevel shall slope at 45 degrees to the plane of the top surface of the tread and landing and extend for a horizontal distance of 1/2 inch (13 mm) maximum. **504.5.4** Nosings that project beyond the risers shall have the underside of the leading edge curved or beveled. **504.5.5** Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall be 1 1/2 inches (38 mm) maximum over the tread or floor below.
5-13-12 PC1	**504.5.1** ***504.5.6***	**Revise as follows:** ~~**504.5.1 Visual contrast.** The leading 2 inches (51 mm) of the landing and tread shall have visual contrast of dark-on-light or light-on-dark from the remainder of the tread.~~ **504.5.6 Visual contrast**. Visual contrast shall comply with either Sections 504.5.6.1 and 504.5.6.2, or Section 504.5.6.3 **504.5.6.1** The leading 1 to 2 inches (51 mm) of every tread and landing, measured horizontally from the leading edge of the nosing, shall consist of a solid color having visual contrast of dark-on-light or light-on-dark from the

Proposal Number	Section Number*	Second Public Review Draft Change
		remainder of the tread. **504.5.6.2** The contrasting marking shall be durable, and shall extend from one side of each tread to the other side of each tread. **504.5.6.3** Durable distinctive warning markings required by the adopted building code or ANSI safety standard.
	504.5.1	**See Proposal Number 7-1-12 PC3.**
5-16 –12 PC1	**504.10**	**Revise as follows:** **504.10 Tactile signage at exits.** A sign stating EXIT in raised characters and Braille and complying with Sections 703.3 and 703.4 shall be provided adjacent to each door to ~~an area of refuge,~~ an exterior area for assisted rescue, an exit stairway, an exit ramp, an exit passageway and the exit discharge.
5-22-12 PC2	**506.2**	**Revise as follows:** **506.2 Opening force.** The opening force for opening operable windows shall be as follows: 1. 8.5 pounds (37.7 N) maximum for casement or horizontal sliding windows ~~2. 25 pounds (111 N) maximum for double hung windows.~~
5-22-12 PC4	**506.2**	**Revise as follows:** **506.2 ~~Opening~~ Operating force.** The operating force for windows includes forces for opening, closing, locking or latching, and unlocking or unlatching. Operable parts shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required for locking or latching and unlocking or unlatching shall be 5 pounds (22.2 N) maximum. The ~~opening~~ operating force for opening and closing operable windows shall be as follows: 1. 8.5 pounds (37.7 N) maximum for casement or horizontal sliding windows. 2. 25 pounds (111 N) maximum for double hung windows.
5-23-12 PC1	***507***	**Revise as follows:** **507 Accessible Routes through Parking.** Where accessible routes pass through parking facilities, the routes shall be physically separated from vehicular traffic. **EXCEPTIONS:** 1. Accessible routes crossing~~s at~~ drive aisles shall not be required to comply with Section 507. 2. Accessible routes only from parking spaces and access aisles complying with Section 502 and passenger loading zones complying with Section 503 to accessible entrances shall not be required to comply with Section 507.

Chapter 6

Proposal Number	Section Number*	Second Public Review Draft Change
6-1-12	602.1	**Revise as follows:** **602.1 General.** Wheelchair accessible drinking fountains shall comply with Sections 602.2 and 307. Drinking fountains for standing persons shall comply with Section 602.3 and 307.
	602.2	**602.2 Wheelchair accessible drinking fountains.** Wheelchair accessible drinking fountains shall comply with Section 602.2.1 through 602.2.5.
	602.2.1	~~602.2~~ **602.2.1 Clear Floor Space.** A clear floor space complying with Section 305, positioned for a forward approach to the drinking fountain, shall be provided. Knee and toe space complying with Section 306 shall be provided. The clear floor space shall be centered on the drinking fountain. **EXCEPTIONS:** ~~1. Drinking fountains for standing persons.~~ 2. Wheelchair accessible drinking fountains primarily for children's use shall be permitted where ~~the spout outlet is 30 inches (760 mm) maximum above the floor,~~ a parallel approach complying with Section 305 is provided and the clear floor space is centered on the drinking fountain.
	602.2.2	602.2.2 ~~602.3~~ **Operable Parts.** Operable parts shall comply with Section 309.
	602.2.3	602.2.3 ~~602.4~~ **Spout Outlet Height.** Spout outlets of wheelchair accessible drinking fountains shall be 36 inches (915 mm) maximum above the floor. ~~Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the floor.~~ **EXCEPTION:** Drinking fountains for standing persons and primarily for children's use shall be permitted where the spout outlet is 30 inches (760 mm) minimum and 43 inches (1090 mm) maximum above the floor.
	602.2.4	602.2.4 ~~602.5~~ **Spout Location.** The spout shall be located 15 inches (380 mm) minimum from the vertical support and 5 inches (125 mm) maximum from the front edge of the drinking fountain, including bumpers. **EXCEPTION:** ~~Where only a parallel approach is provided~~ At drinking fountains primarily for children's use, the spout shall be located 3 1/2 inches (89 mm) maximum from the front edge of the drinking fountain, including bumpers.
	602.2.5	602.2.5 ~~602.6~~ **Water Flow.** The spout shall provide a flow of water 4 inches (102 mm) minimum in height. The angle of the water stream from spouts within 3 inches (76 mm) of the front of the drinking fountain shall be 30 degrees maximum, and from spouts between 3 inches (76 mm) and 5 inches (125 mm) from the front of the drinking fountain shall be 15 degrees maximum, measured horizontally relative to the front face of the drinking fountain.
	602.3	**602.3 Drinking fountains for standing persons.** Drinking fountains for standing

Proposal Number	Section Number*	Second Public Review Draft Change
6-1-12 continued		persons shall comply with Section 602.3.1 through 602.3.4.
	602.3.1	**602.3.1 Operable Parts.** Operable parts shall comply with Section 309.3 and 309.4.
	602.3.2	**602.3.2 Spout Outlet Height.** Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the floor.
	602.3.3	**602.3.3 Spout location.** The spout shall be located 5 inches (125 mm) maximum from the front edge of the drinking fountain, including bumpers.
	602.3.4	**602.3.4 Water Flow.** The spout shall provide a flow of water 4 inches (102 mm) minimum in height. The angle of the water stream from spouts within 3 inches (76 mm) of the front of the drinking fountain shall be 30 degrees maximum, and from spouts between 3 inches (76 mm) and 5 inches (125 mm) from the front of the drinking fountain shall be 15 degrees maximum, measured horizontally relative to the front face of the drinking fountain.
6-14-12 PC2	**604.7**	**Revise as follows:** **604.7 Dispensers.** Toilet paper dispensers shall comply with Section 309.4. Dispensers shall comply with Section 609.3. Dispensers shall not be of a type that control delivery, or do not allow continuous paper flow.
	604.7.1	**604.7.1 Location.** Where the dispenser is located above the grab bar, the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 36 inches (915 mm) maximum from the rear wall. Where the dispenser is located below the grab bar, the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 42 inches (1065 mm) maximum from the rear wall. The outlet of the dispenser shall be located 18 inches (455 mm) minimum and 48 inches (1220 mm) maximum above the floor. Dispensers shall comply with Section 609.3. ~~Dispensers shall not be of a type that control delivery, or do not allow continuous paper flow.~~ **EXCEPTION:** Toilet paper dispensers that accommodate a maximum of 2 toilet paper rolls of not more than 5 inch (125 mm) diameter each shall be permitted to be located 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front the of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the floor.
	604.11.7	**604.11.7 Dispensers.** Toilet paper dispensers primarily for children's use shall comply with Section 309.4. There shall be a clearance of $1^{1}/2$ inches (38 mm) minimum below the grab bar. Dispensers shall not be of a type that control delivery or do not allow continuous paper flow.
	604.11.7.1	**604.11.7.1 Location.** The outlet of toilet paper dispensers primarily for children's use shall be located within an area 24 inches (610 mm) minimum and 42 inches (1065 mm) maximum from the rear wall. The outlet of the dispenser shall be 14 inches (355 mm) minimum and 19 inches (485 mm) maximum above the floor. ~~There shall be a clearance of 1 1/2 inches (38 mm) minimum below the grab bar. Dispensers shall not be of a type that control delivery or do not allow continuous paper flow.~~

<table>
<tr><th>Proposal Number</th><th>Section Number*</th><th>Second Public Review Draft Change</th></tr>
<tr><td>6-14-12 PC2 Continued</td><td></td><td>EXCEPTION: Toilet paper dispensers that accommodate a maximum of 2 toilet paper rolls of not more than 5 inch (125 mm) diameter each shall be permitted to be located 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front the of the water closet measured to the centerline of the dispenser. <u>The outlet of the dispenser shall be 14 inches (355 mm) minimum and 19 inches (485 mm) maximum above the floor.</u></td></tr>
<tr><td>6-20-12 PC2</td><td>Table 604.9.3.1</td><td>Revise as follows:

Table 604.9.3.1 – Door Opening Locations
<table>
<tr><th>Door Opening Location</th><th>Measured From</th><th>Dimension</th></tr>
<tr><td rowspan="3">Front Wall or Partition</td><td>From the side wall or partition closest to the water closet</td><td>56 inches (1420 mm) minimum</td></tr>
<tr><td colspan="2"><s>Or</s></td></tr>
<tr><td>From the side wall or partition farthest from the water closet</td><td>5 inches (125 mm) maximum</td></tr>
<tr><td rowspan="3">Side Wall or Partition - Wall-Hung Water Closet</td><td>From the rear wall</td><td>52 inches (1320 mm) minimum</td></tr>
<tr><td colspan="2"><s>Or</s></td></tr>
<tr><td>From the front wall or partition</td><td>5 inches (125 mm) maximum</td></tr>
<tr><td rowspan="3">Side Wall or Partition - Floor-Mounted Water Closet</td><td>From the rear wall</td><td>55 inches (1395 mm) minimum</td></tr>
<tr><td colspan="2"><s>Or</s></td></tr>
<tr><td>From the front wall or partition</td><td>5 inches (125 mm) maximum</td></tr>
</table></td></tr>
<tr><td>6-24-12 PC1</td><td>604.11.2</td><td>Revise as follows:

604.11.2 Location. The water closet primarily for children’s use shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 12 inches (305 mm) minimum and 18 inches (455 mm) maximum from the side wall or partition<s> except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in Section 604.10.1.</s> Water closets located in ambulatory accessible toilet compartments specified in Section 604.10 shall be located as specified in Section 604.2.</td></tr>
<tr><td></td><td>604.11.7</td><td>See Proposal Number 6-14-12 PC2</td></tr>
<tr><td>3-13-12 PC5</td><td>606.2</td><td>Revise as follows:

606.2 Clear Floor Space. A clear floor space complying with Section 305.3, positioned for forward approach, shall be provided. Knee and toe clearance complying with Section 306 shall be provided. The dip of the overflow shall not be considered in determining knee and toe clearances.

EXCEPTIONS:

1. A parallel approach complying with Section 305 <s>and centered on the sink,</s> shall be permitted to a kitchen sink in space where a cook top or conventional range is not provided.</td></tr>
</table>

Proposal Number	Section Number*	Second Public Review Draft Change
		2. (unchanged) 3. A knee clearance of 24 inches (610 mm) minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the higher of the rim or counter surface is 31 inches (785 mm) maximum above the floor. 4. A parallel approach complying with Section 305 ~~and centered on the sink,~~ shall be permitted at lavatories an sinks used primarily by children ages 5 and younger. 5. (unchanged) 6. A parallel approach complying with Section 305 ~~and centered on the sink,~~ shall be permitted at wet bars.
6-37-12 PC1	**606.5**	**Revise as follows:** **606.5 Basin Location.** The interior edge of the rim of the lavatory basin shall be located 3 ½ inches (~~75~~ 90 mm) maximum from the front edge of the fixture or countertop.
6-46-12 PC2	**608.2.1.2**	**Staff note:** The committee approved both PC2 and PC3 for Proposal number 6-46-12. The two revised provisions conflict with each other. The conflict will be resolved by the committee based on comments received. **Revise as follows:** **608.2.1.2 Clearance.** A clearance of 52 inches (1360 mm) minimum in length measured perpendicular from ~~12 inches (305 mm) beyond~~ the control ~~seat~~ wall, and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment.
6-46-12 PC3	**608.2.1.2**	**Staff note:** The committee approved both PC2 and PC3 for Proposal number 6-46-12. The two revised provisions conflict with each other. The conflict will be resolved by the committee based on comments received. **Revise as follows:** **608.2.1.2 Clearance.** A clearance of ~~48~~ 52 inches (~~1220~~ 1320 mm) minimum in length measured perpendicular from 12 inches (305 mm) beyond the ~~control~~ seat wall, and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment.
	608.2.1.2	**See Proposal Number 3-6-12 PC2**
6-55-12 PC1	**608.3.2** **608.3.2.1**	**Revise as follows:** **608.3.2 Standard Roll-in-Type Showers.** Grab bars in standard roll-in showers shall comply with Section 608.3.2. **608.3.2.1 Back wall grab bar.** In standard roll-in type showers, a grab bar shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be provided above the seat. The back wall grab bar shall extend the length of the wall and extend within 6 inches (150 mm) maximum from the adjacent side wall opposite the seat. **Exceptions:**

Proposal Number	Section Number*	Second Public Review Draft Change
6-55-12 PC1 continued		1. The back wall grab bar ~~but~~ shall not be required to exceed 48 inches (1220 mm) in length. 2. The back wall grab bar is not required to extend within 6 inches (150 mm) of the adjacent side wall opposite the seat if it would require the grab bar length to exceed 48 inches (1220 mm) in length.
	608.3.2.2	**608.3.2.2 Side wall grab bars.** Where a side wall is provided opposite the seat within 72 inches (1830 mm) of the seat wall, a grab bar shall be provided on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall and extend within 6 inches (150 mm) maximum from the adjacent back wall. **Exception:** The side wall grab bar ~~but~~ shall not be required to exceed 30 inches (760 mm) in length. ~~Grab bars shall be 6 inches (150 mm) maximum from the adjacent wall.~~
6-55-12 PC3	**608.3.2.1**	**Staff note:** PC3 to 6-55-12 is essentially a further revision to PC1. In it the committee deletes the second exception to 608.3.2.1 which was included in PC1. **Revise as follows:** **608.3.2.1 Back wall grab bar.** In standard roll-in type showers, a grab bar shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be provided above the seat. The back wall grab bar shall extend the length of the wall and extend within 6 inches (150 mm) maximum from the adjacent side wall opposite the seat. **Exceptions:** 1. The back wall grab bar ~~but~~ shall not be required to exceed 48 inches (1220 mm) in length. ~~2. The back wall grab bar is not required to extend within 6 inches (150 mm) of the adjacent side wall opposite the seat if it would require the grab bar length to exceed 48 inches (1220 mm) in length.~~
6-61-12	**608.3** **608.3.2** **608.3.2.1**	**Revise as follows:** **608.3 Grab Bars.** **608.3.2 Standard Roll-in Type Showers.** Grab bar for standard roll-in showers shall comply with Section 608.3.2. ~~In standard roll-in type showers, grab bars shall be provided~~ **608.3.2.1 Horizontal Grab Bars.** Horizontal grab bars shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be located above the seat. The back wall grab bar shall extend the length of the wall but shall not be required to exceed 48 inches (1220 mm) in length. Where a side wall is provided opposite the sea within 72 inches (1830 mm) of the seat wall, a grab bar shall be provided on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall but shall not be required to exceed 30 inches (760 mm) in length. Grab bars shall be 6 inches (150 mm) maximum from the adjacent wall.

Proposal Number	Section Number*	Second Public Review Draft Change
6-61-12 continued	**608.3.2.1.1**	**608.3.2.1.1 Vertical Grab Bar.** Where an ambulatory roll-in shower control and hand spray are provided, a vertical grab bar shall be provided. A vertical grab bar 18 inches (45 mm) minimum in length shall be provided on the ambulatory control side wall 3 inches (75 mm) minimum and 6 inches (150 mm) maximum above the horizontal grab bar, and 4 inches (100 mm) maximum inward from the front edge of the shower.
	608.4	**608.4 Controls and Hand Showers.** Controls and hand showers shall comply with Section 608.4 and 309.4.
	608.4.1	**608.4.1 Transfer-Type Showers.** In transfer-type showers, the controls and hand shower shall be located: 1. On the control wall opposite the seat, 2. At a height of 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor, and 3. 15 inches (380 mm) maximum, from the centerline of the control wall toward the shower opening.
	608.4.2	**608.4.2 Standard Roll-in Showers.** In standard roll-in showers, the controls and hand shower shall not be located above the seat. Controls and hand showers shall be located: 1. On the back wall, 2. At a height of 38 inches minimum and 48 inches (1220 mm) maximum above the shower floor, and 3. 16 inches (405 mm) minimum and 27 inches (685 mm) maximum from the wall behind the seat.
	608.4.2.1	**608.4.2.1 Ambulatory Roll-In Showers**. Where a side wall is provided opposite the seat within 72 inches (1830 mm) of the seat wall, an additional shower control and hand shower may be located on this side wall: 1. At a height of 38 inches (965 mm) minimum to 48 inches (1220 mm) maximum above the shower floor, and 2. 17 inches (430 mm) to 19 inches (485 mm) from the back wall.

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 7

Proposal Number	Section Number*	Second Public Review Draft Change
7-1-12 PC3	**105.2.**	**Delete reference standard as follows:** ~~**105.2.XX Light reflectance value (LRV) of a surface. Method of Test.** BS 8493:2008 + A1: 2010 (British Standards Institution, 389 Chiswick High Road, London W4 4AL, United Kingdom).~~ **Revise as follows:**
	504.5.1	**504.5.1 Visual Contrast.** The leading 2 inches (51 mm) of the tread shall have visual contrast of dark-on-light or light-on-dark from the remainder of the tread. ~~The Light Reflectance Value (LRV) of the 2-inch (51 mm) stripe and tread shall contrast 70 percent minimum, as determined in accordance with Equation 7-1. The lighter surface shall have a LRV of not less than 45.~~
	701.1.2	~~**701.1.2 Light Reflectance Value**. The light reflectance value (LRV) of surfaces shall be determined in accordance with BS 8493 for the following surface types:~~ ~~1. Opaque paint coatings and paint systems, including those that cause extreme angular dependences of reflected light and those that have a surface texture of less than 2 mm;~~ ~~2. Opaque coverings including those that cause extreme angular dependences of reflected light, and those that have an unyielding texture of less than 2 mm;~~ ~~3. Opaque coverings with a yielding pile, e.g. carpet;~~ ~~4. Opaque materials, including those that cause extreme angular dependences of reflected light, and those that have a texture of less than 2 mm, e.g. finished metals;~~ ~~5. Opaque materials coated with non-opaque coatings or coverings, e.g. timber door coated with a woodstain, including those that cause extreme angular dependences of reflected light, and those that have a texture of less than 2 mm;~~ ~~6. Multi-colored surfaces;~~ ~~**701.1.2.1 Other Surfaces.** Other surfaces shall comply with Section 703.1.3.1.~~
	701.1.3	~~**701.1.3 Contrast Value.** The contrast between the LRVs of adjacent surfaces required by Sections 703.2.1.2, 703.5.3.2, 703.6.3.2, 705.3, and 504.5.1 shall be determined by Equation 7-1,~~ ~~Contrast = [(B1-B2)/B1] x 100 percent **Equation 7-1**~~ ~~Where~~ ~~B1 = light reflectance value (LRV) of the lighter surface, B2 = light reflectance value (LRV) of the darker surface.~~ ~~**701.1.3.1 Other Surfaces.** Surfaces not within the scope of BS 8493 shall provide contrast between adjacent surfaces that are either light on dark or dark on light.~~

Proposal Number	Section Number*	Second Public Review Draft Change
7-1-12 PC3 Continued	**703.2.1**	**703.2.1 General.** Visual characters shall comply with the following: *(Balance of section is not changed)* **703.2.1.1 Nonglare Finish**. The glare from coverings, the finish of characters and their background shall not exceed 19 as measured on a 60-degree gloss meter.
	703.2.1.2	~~**703.2.1.2 Contrast.** The Light Reflectance Value (LRV) of characters and their background shall contrast 70 percent minimum as determined in accordance with Equation 7-1. The lighter surface shall have a LRV of not less than 45.~~
	703.2.10	**703.2.10 Contrast.** ~~Characters and their background shall have a non-glare finish~~. Characters shall contrast with their background, with either light characters on a dark background or dark characters on a light background
	703.5.3	~~**703.5.3 Finish and Contrast.** Pictograms and their fields shall have a nonglare finish. Pictograms shall contrast with their fields, with either light pictograms on a dark field, or dark pictograms on a light field.~~ **703.5.3.1 Nonglare Finish**. The glare from coverings and the finish of pictograms and their fields shall not exceed 19 as measured on a 60-degree gloss meter.
	703.5.3.2	**703.5.3.2 Contrast.** ~~The Light Reflectance Value (LRV) of pictograms and their fields shall contrast 70 percent minimum as determined in accordance with Equation 7-1. The lighter surface shall have a LRV of not less than 45.~~ Characters shall contrast with their background, with either light characters on a dark background or dark characters on a light background. **703.6.2 Finish and Contrast.** Symbols of accessibility and their backgrounds shall have non-glare finish. Symbols of accessibility shall contrast with their backgrounds with either a light symbol on a dark background or a dark symbol on a light background. **703.6.3.1 Nonglare Finish**. The glare from coverings and the finish of symbols of accessibility and their backgrounds shall not exceed 19 as measured on a 60-degree gloss meter.
	703.6.3.2	~~**703.6.3.2 Contrast.** The Light Reflectance Value (LRV) of symbols of accessibility and their backgrounds shall contrast 70 percent minimum, as determined in accordance with Equation 7-1. The lighter surface shall have a LRV of not less than 45.~~
	705.3	**705.3 Contrast.** Detectable warning surfaces shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. ~~The Light Reflectance Value (LRV) of the surfaces shall contrast 70 percent minimum, as determined in accordance with Equation 7-1. The lighter surface shall have a LRV of not less than 45.~~

Proposal Number	Section Number*	Second Public Review Draft Change
7-23-23 PC1	**703.3.8**	**Revise as follows:** **703.3.8 Character Spacing.** Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Spacing between individual raised characters shall be ~~15% or~~ 1/8 inch (3.2 mm) minimum~~, whichever is greater, and 35% maximum of the character height~~ measured at the top of the surface of the characters, 1/16 inch (1.6 mm) minimum measured at the base of the characters~~, and four times the raised character stroke width maximum.~~ Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.
7-16-12 PC2	***704.8***	**Revise as follows:** **704.8 Visual Relay Service Booth.** Each public Visual Relay Service Booth shall be ~~accessible and~~ accommodate one user with seating and privacy enclosure, a visual monitor, a video camera device, control device, diffuse lighting with a minimum lighting level of 20 foot candles (215 lux). ~~And privacy enclosure with a flat, non-textured surface and finish color in contrast with the full range of human skin tones to provide a background for clear visual communication.~~ The background of the seating area, and within range of the video camera device, shall have a flat, non-textured surface and finish color in the bright green or blue range.

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 8

Proposal Number	Section Number*	Second Public Review Draft Change
	802.2	**See Proposal Number 3-5-12**
	802.4	**See Proposal Number 3-6-12 PC2**
	802.5.1	**See Proposal Number 3-6-12 PC2**
	802.7.2	**See Proposal Number 3-6-12 PC2**
3-13E-12 PC1	**802.7.2**	**Revise as follows:** **802.7.2 Companion Seat Alignment**. In row seating, the companion seat shall be located to provide shoulder alignment with the wheelchair space occupant. The shoulder of the wheelchair space occupant is considered to be 36 inches (915 mm) from the front or 16 inches (405 mm) from the rear of the wheelchair space. The floor surface for the companion seat shall be at the same elevation as the wheelchair space floor surface. **EXCEPTION**: In existing facilities, the companion seat shall be permitted to be positioned 12 inches (305 mm) from the rear of the wheelchair space.
3-13E-12 PC3	**802.7.2**	**Revise as follows:** **802.7.2 Companion Seat Alignment**. In row seating, the companion seat shall be located to provide shoulder alignment with the wheelchair space occupant. The shoulder of the wheelchair space occupant is considered to be 36 inches (915 mm) from the front or 16 inches (405 mm) from the rear of the wheelchair space. The floor surface for the companion seat shall be at the same elevation as the wheelchair space floor surface. **EXCEPTIONS:** 1. Companion seat alignment is not required in tiered seating that includes dining surfaces or work surfaces. 2. For wheelchair spaces with front access, the shoulder alignment shall be permitted to be measures 12 inches (305 mm) from the rear of the space. 3. For wheelchair spaces with side access, the should alignment shall be permitted to be measured 12 inches (305 mm) from the rear of the space.
8-6-12 PC1	**105.2** ***802.11***	**Add new reference standard as follows** **105.2.XX** IES Handbook 10th Edition, (Illuminating Engineering Society, 120 Wall Street, Floor 17, New York, NY 10005-4001). **Revise as follows:** ~~**802.11 Stage Lighting for Sign Language Interpreters.** Lighting shall be provided at each side of a stage for the purposes of illuminating a Sign Language Interpreter. The illuminated presentation area shall be 25 square feet (2.3 m^2) minimum measured in a vertical plane with the bottom edge at 48 inches (1220 mm) above the finished floor and a minimum of 36 inches (915 mm) measured from the presentation wall. The illumination shall be provided by directional light fixtures controlled independently from the general room lighting. The fixtures shall be located as necessary to provide a diagonal cast of light for facial illumination at no~~

Proposal Number	Section Number*	Second Public Review Draft Change
8-6-12 PC1 continued		~~less than 15 degrees from the vertical plane. The illumination shall be 10 foot candles (108 lux) minimum greater than the least light level.~~ **802.11 General.** Sign language interpreter stations shall comply with Section 802.11.
	803.11.1	**802.11.1 Area.** A sign language interpreter station shall provide a level and clear floor of sufficient floor area necessary to enable a sign language interpreter to produce sign language legible from the seating area identified in Section 802.11.2 and allow periodic interpreter shift changes to take place.
	802.11.2	**802.11.2 Location.** Sign language interpreter stations shall be located so that seating within an arc centered on the station and subtending 120 degrees maximum and not more than 65 feet (19.8 m) from the station is provided with sightlines providing unobstructed view of the signers from top of their heads to their waists and to an arm's length to both sides of the signer, all as measured to the center of the station. The vertical viewing angle to the interpreter station shall not exceed 30 degrees.
	802.11.3	**802.11.3 Illumination:** The sign language interpreter station shall be illuminated in compliance with 802.11.2 while signing is underway. Illumination of the sign language interpreter station shall comply with the Recommended Maintained Illuminance Targets established for a "Transitional Sermon" by IES Handbook 10th Edition, Table 37.2.
	802.11.4	**802.11.4 Backdrop.** When a sign language interpreter station is located no grater than 10 feet (3050 mm) in front of a permanent wall as measured tangent to the centerline of the arc described in Section 802.11.2 a portion of the wall measuring 69 inches (1755 mm) wide centered on the sign language interpreter station and 96 inches (2440 mm) high from the finish floor shall be considered as a backdrop. The surface treatment of the backdrop shall comply with Section 802.11.5 while sign language interpretation is being provided. The backdrop shall provide a flat, smooth surface with a monochromatic, low-luster finish treatment.\
3-6E-12 PC4 – PC6	**804.2.2**	**Revise as follows:** **804.2.2 U-Shaped Kitchens.** In kitchens enclosed on three contiguous sides, clearance between all opposing base cabinets, countertops, appliances, or walls within kitchen work areas shall be ~~67~~ 60 inches (~~1700~~ 1525 mm) minimum.
	804.2.2	**See Proposal Number 3-6-12 PC2**
	805.2.2	**See Proposal Number 3-6-12 PC2**
8-15-12 PC4	***808.2***	**Revise as follows:** **808.2 Reverberation Time.** Classroom reverberation times shall comply with either Section 808.2.1 or Section 808.2.2, depending on the size of the room. ~~Reverberation times shall apply to fully-furnished, unoccupied classrooms.~~
	808.2.1	**808.2.1 Performance Method.** For each of the octave frequency bands with center frequencies of 500, 1000, and 2000 Hz, the Reverberation Time (*T*60) shall not exceed the times specified below: 1. 0.6 seconds in classrooms with volumes up to and including 10,000 cubic feet (285 m^3).

<table>
<tr><th>Proposal Number</th><th>Section Number*</th><th>Second Public Review Draft Change</th></tr>
<tr><td>8-15-12 PC4 continued</td><td></td><td>2. 0.7 seconds in classrooms with volumes of more than 10,000 cubic feet (285 m^3), but less than 20,000 cubic feet (566 m^3).

<u>Reverberation times shall apply to fully-furnished, unoccupied classrooms.</u> Reverberation times shall be field-verified via measurements made in accordance with ASTM E2235-04(2012) “Standard Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods” over a minimum 20 dB decay in each octave frequency band.</td></tr>
<tr><td>8-15-12 PC5</td><td>105.2

808</td><td>Add new reference standard as follows

<u>105.2.XX</u> <u>Standard Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods ASTM E 2235-04(2012) (ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959).</u>

Revise as follows:

Section 808
Acoustics

<s>808.1 General.</s> <s>Classrooms not exceeding 20,000 cubic feet (565 m^3) and required to provide enhanced acoustics shall comply with Section 808.</s>

<s>808.2 Reverberation Time.</s> <s>Classrooms shall provide reverberation times complying with Sections 808.2.1 or 808.2.2. Reverberation times shall apply to fully furnished classrooms while not in use.</s>

<s>808.2.1 Compliance Method A. I</s><s>n each of the octave frequency bands of 500, 1000, and 2000 Hz, reverberation times for sound to decay by 60 dB (T60) shall not exceed the times specified below:</s>

<s>1. 0.6 seconds in classrooms 10,000 cubic feet (285 m^3) maximum.</s>

<s>2. 0.7 seconds in classrooms more than 10,000 cubic feet (285 m^3) but not exceeding 20,000 cubic feet (565 m^3).</s>

<s>Reverberation times shall be field verified and shall be measured over a minimum level decay of 20 dB for which the maximum time shall not exceed 0.2 seconds for classrooms listed in item #1 and 0.23 seconds for classrooms listed in item #2 .</s>

<s>808.2.2 Compliance Method B.</s> <s>Small classrooms 10,000 cubic feet (285 m^3) maximum complying with Table 808.2.2(a) for T60 of 0.6 s., and large classrooms more than 10,000 cubic feet (285 m^3) but not exceeding 20,000 cubic feet (565 m^3) complying with Table 808.2.2(b) for T60 of 0.7s., shall be deemed to comply with Section 808.2.</s>

<s>Table 808.2.2(a) — Minimum surface area of acoustical treatment for small classrooms.</s>
<table>
<tr><td rowspan="4"><s>Sound absorption coefficient, α_1</s></td><td colspan="9"><s>□eiling height, H, ft.</s></td></tr>
<tr><td><s>8</s></td><td><s>9</s></td><td><s>10</s></td><td><s>11</s></td><td><s>12</s></td><td><s>13</s></td><td><s>14</s></td><td><s>15</s></td><td><s>16</s></td></tr>
<tr><td colspan="9"><s>C□iling height, H, m.</s></td></tr>
<tr><td><s>2.44</s></td><td><s>2.74</s></td><td><s>3.05</s></td><td><s>3.35</s></td><td><s>3.66</s></td><td><s>3.96</s></td><td><s>4.27</s></td><td><s>4.57</s></td><td><s>4.88</s></td></tr>
<tr><td colspan="9"><s>Minimum combined area of wall and ceiling sound-absorbing material as a per□enta□e of the floor are□</s></td></tr>
</table></td></tr>
</table>

Proposal Number	Section Number*	Second Public Review Draft Change

8-15-12 PC5 Continued

0.45	112	130	148	167	185	203	221	239	257
0.50	101	117	134	150	166	183	199	215	232
0.55	92	107	121	136	151	166	181	196	211
0.60	84	98	111	125	139	152	166	179	193
0.65	78	90	103	115	128	141	153	166	178
0.70	72	84	95	107	119	130	142	154	166
0.75	67	78	89	100	111	122	133	144	154
0.80	63	73	83	94	104	114	124	135	145
0.85	59	69	79	88	98	107	117	127	136
0.90	56	65	74	83	92	101	111	120	129
0.95	53	62	70	79	88	98	105	113	116
1.00	50	59	67	75	83	91	100	108	116

Table 808.2.2(b) — Minimum surface area of acoustical treatment for large classrooms..

Sound absorption coefficient, α_1	Ceiling eight, H, ft.								
	8	9	10	11	12	13	14	15	16
	Ceiling height, H, m.								
	2.44	2.74	3.05	3.35	3.66	3.96	4.27	4.57	4.88
	Minimum combined area of wall and ceiling sound absorbing material as a percentage of the floor are								
0.45	91	107	122	138	154	169	185	200	216
0.50	82	96	110	124	138	152	166	180	194
0.55	75	87	100	113	126	138	151	164	177
0.60	68	80	92	104	115	127	139	150	162
0.65	63	74	85	96	106	117	128	139	149
0.70	59	69	79	89	99	109	119	129	139
0.75	55	64	73	83	92	102	111	120	130
0.80	51	60	69	78	86	95	104	113	121
0.85	48	57	65	73	81	90	98	106	114
0.90	46	53	61	69	77	85	92	100	108
0.95	43	51	58	65	73	80	88	95	102
1.00	41	48	55	62	69	76	83	90	97

808.3 Ambient Sound Level. Ambient sound levels within a classroom shall comply with Section 808.3. Ambient sound levels from exterior and interior sound sources shall be evaluated individually. The greatest one-hour averaged sound levels shall be evaluated at a height of 36 inches (915 mm) above the floor and no closer than 36 inches (915 mm) from any wall, window, or fixed object. Ambient sound levels shall apply to fully furnished classrooms while not in use.

808.3.1 Exterior Sound Sources. Ambient sound levels within a classroom 20,000 cubic feet (565 m^3) maximum shall not exceed 35 dBA and 55 dBC for noise intrusion from exterior sound sources.

808.3.2 Interior Sound Sources. Ambient sound levels within a classroom not larger than 20,000 cubic feet (565 m^3) shall not exceed 35 dBA and 55 dBC, for noise from interior sound sources.

808.1

808.1 General. This section applies to classrooms with volumes up to 20,000 cubic feet (565 m^3)

Proposal Number	Section Number*	Second Public Review Draft Change
8-15-12 PC5 Continued	***808.2***	**808.2 Reverberation Time.** Classroom reverberation times shall comply with either Section 808.2.1 or Section 808.2.2, depending on the size of the room. Reverberation times shall apply to fully-furnished, unoccupied classrooms.
	808.2.1	**808.2.1 Performance Method.** For each of the octave frequency bands with center frequencies of 500, 1000, and 2000 Hz, the Reverberation Time (*T*60) shall not exceed the times specified below: 1. 0.6 seconds in classrooms with volumes up to and including 10,000 cubic feet (285 m^3). 2. 0.7 seconds in classrooms with volumes of more than 10,000 cubic feet (285 m^3), but less than 20,000 cubic feet (566 m^3). Reverberation times shall be field-verified via measurements made in accordance with ASTM E2235-04(2012) "Standard Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods" over a minimum 20 dB decay in each octave frequency band.
	808.2.2	**808.2.2 Prescriptive Method.** The Noise reduction coefficient (NRC) ratings for floor, wall and ceiling surface finishes shall conform to the following equations: For a classroom with a volume less than or equal to 10,000 cubic feet (285 cubic meters): $(NRC_{Floor} \times S_{Floor}) + (NRC_{Ceiling} \times S_{Ceiling}) + (NRC_{Wall} \times S_{Wall}) \geq Volume/12$ For a classroom with a volume between 10,000 cubic feet (285 cubic meters) and 20,000 cubic feet (565 cubic meters): $(NRC_{Floor} \times S_{Floor}) + (NRC_{Ceiling} \times S_{Ceiling}) + (NRC_{Wall} \times S_{Wall}) \geq Volume/14$ Where: NRC_{Floor} = NRC rating of the floor finish material S_{Floor} = floor area in square feet $NRC_{Ceiling}$ = NRC rating of the ceiling finish material $S_{Ceiling}$ = ceiling area in square feet NRC_{Wall} = NRC rating of the wall acoustical treatment S_{Wall} = wall treatment area in square feet Volume = room volume in cubic feet Where a floor, ceiling or wall has multiple surface finishes, the NRC x S product for each surface finish shall be added to the left side of the equation.
	808.3	**808.3 Ambient Sound Level.** Classroom ambient sound levels shall comply with Sections 808.3.1 and 808.3.2. Ambient sound levels from sound sources outside and inside the classroom shall be evaluated individually. The greatest one-hour averaged sound levels shall be evaluated at the loudest usable location in the room at a height of 36 inches (915 mm) to 42 inches (1065 mm) above the floor and no closer than 36 inches (915 mm) from any wall, window, or object. The ambient sound level limits shall apply to fully-furnished, unoccupied classrooms, and with only permanent HVAC, electrical and plumbing systems functioning. Classroom

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8-15-12 PC5 Continued		equipment, including, but not limited to, computers, printers, fish tank pumps shall be turned off during these measurements.
	808.3.1	**808.3.1 Sound Sources Outside of the Classroom.** Classroom ambient sound levels shall not exceed 35 dBA and 55 dBC due to intruding noise from sound sources outside of the classroom, whether from the exterior or from other interior spaces.
	808.3.2	**808.3.2 Sound Sources Inside the Classroom.** Classroom ambient sound levels shall not exceed 35 dBA and 55 dBC for noise from sound sources inside the classroom.

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 9

Proposal Number	Section Number*	Second Public Review Draft Change
9-1-12 PC1	**Chapter 9 Title**	**Revise Title of Chapter as follows:** **Chapter 9. ~~Built-in~~ Furnishings and Equipment** **901.1 Scope.** Furnishings and equipment required to be accessible by the scoping provisions adopted by the administrative authority shall comply with the applicable provisions of Chapter 9. **905.1 General.** Accessible built-in storage facilities shall comply with Section 905.
9-4-12 PC1-PC2	**903.2**	**Revise as follows:** **903.2 Clear Floor Space.** A clear floor space complying with Section 305, positioned at the end of the bench seat and parallel to the short axis of the bench. ~~**Exception.** A clear floor space positioned for a parallel approach to the front of the bench seat, shall be permitted where a clear floor space is also positioned at the end the bench seat.~~
9-10-12 PC3	**904.3**	**Revise as follows:** **904.3 Sales and Service Counters.** Sales and service counters and windows shall comply with Sections 904.3.1 and either 904.3.2 or Section 904.3.3. Where a counter is provided, the accessible portion of the countertop shall extend the same depth as the sales and service countertop provided for standing customers.
9-10-12 PC2	**904.3.2** **904.3.3**	**Revise as follows:** **904.3.2 Parallel Approach.** A portion of the public use side of the counter surface 36 inches (915 mm) minimum in length and 26 inches (660 mm) minimum to 36 inches (915 mm) maximum in height above the floor shall be provided. ~~Where the counter surface at pass-through or hand-off elements of a counter is less than 36 inches (915 mm) in length, the entire pass-through or hand-off element of the counter surface shall be 26 inches (660 mm) minimum to 36 inches (915 mm) maximum in height above the floor~~. A clear floor space complying with Section 305, positioned for a parallel approach adjacent to the accessible counter, shall be provided. The space between the accessible counter surface and any projecting objects above the accessible counter shall be 12 inches (305 mm) minimum. **Exception:** At pass-through or hand-off portions of counters, the counter surface shall be 12 inches minimum in length. Where the counter surface at pass-through or hand-off elements of a counter is less than 36 inches (915 mm) in length, the entire pass-through or hand-off element of the counter surface shall be 26 inches (660 mm) minimum to 36 inches (915 mm) maximum in height above the floor **904.3.3 Forward Approach.** A portion of the public use side of the counter surface 30 inches (760 mm) minimum in length and 36 inches (915 mm) maximum in height above the floor shall be provided. A clear floor space complying with Section 305, positioned for a forward approach to the accessible counter, shall be provided. Knee and toe clearance complying with Section 306 shall be provided under the

Proposal Number	Section Number*	Second Public Review Draft Change
		accessible counter. The space between the accessible counter surface and any projecting objects above the accessible counter shall be 12 inches (305 mm) minimum.

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 10

(Please note that when the next edition of the standard is published – Chapters 10 and 11 will be reversed in order. For review purposes, they remain as currently found in the standard.)

Proposal Number	Section Number*	Second Public Review Draft Change
10-2-12 PC3, PC4	**1001.2**	**Delete text as follows:** ~~**1001.2 Mail Receptacles.** Where provided, mail receptacles shall be accessible in accordance with Section 1001.2.1 or 1001.2.2.~~ ~~**1001.2.1 Dwelling Units and Sleeping Units.** Where mail receptacles are provided for Accessible, Type A or Type B dwelling and sleeping units, accessible mail receptacles shall be provided in accordance with Section 1001.2.1.1 or 1001.2.1.2.~~ ~~**1001.2.1.1 Centralized Mail Receptacles.** Where each individual mail compartment of a centralized mail receptacle is assigned to a specific dwelling unit or sleeping unit, the individual mail compartments shall comply with Section 1001.2.1.1.1 or 1001.2.1.1.2.~~ ~~**1001.2.1.1.1 Buildings Without an Elevator.** In a structure without an elevator, all individual mail compartments assigned to Accessible units, Type A units and Type B units in each location shall be accessible.~~ ~~**1001.2.1.1.2 Buildings with an Elevator.** In a structure with an elevator, fifty percent of all individual mail compartments in each location shall be accessible. Individual mail compartments assigned to Accessible and Type A units shall be included in the accessible mailboxes. In addition to the individual mail compartments assigned to dwelling or sleeping units, an additional number of individual mail compartments that is equal to ten percent of the total number of dwelling units and sleeping units, but not less than one, at each location shall be accessible.~~ ~~**1001.2.1.1.3 Parcel Lockers.** All parcel lockers of centralized mail receptacles shall be accessible.~~ ~~**1001.2.1.2 Individual House-mounted and Curbside Mail Receptacles.** Where an individual house-mounted or curbside mail receptacle serves a dwelling unit or sleeping unit that is required to be an Accessible unit, Type A unit or Type B unit, the mail receptacle shall be accessible.~~

Proposal Number	Section Number*	Second Public Review Draft Change
10-8-12 PC2	**1002.9**	**Revise as follows:** **1002.9 Operable Parts.** Lighting controls, electrical panelboards, electrical switches and receptacle outlets, environmental controls, appliance controls, operating hardware for operable windows, plumbing fixture controls, and user controls for security or intercom systems shall comply with Section 309. **EXCEPTIONS:** 1. Receptacle outlets serving a dedicated use. 2. In a kitchen, where two or more receptacle outlets are provided above a length of counter top that is uninterrupted by a sink or appliance, only one receptacle outlet shall be required to comply with Section 309. 3. In a kitchen, where a clear floor space for a parallel approach cannot be located at a counter top in a corner between appliances, receptacle outlets over the counter top shall not be required to comply with Section 309 provided that the counter top ~~is 7~~ area does not exceed 9 square feet (~~0.65~~ 0.835 m^2) maximum. *(Remaining exceptions are renumbered by unchanged)*
	1003.9	**1003.9 Operable Parts.** Lighting controls, electrical panel boards, electrical switches and receptacle outlets, environmental controls, appliance controls, operating hardware for operable windows, plumbing fixture controls, and user controls for security or intercom systems shall comply with Section 309. **EXCEPTIONS:** 1. Receptacle outlets serving a dedicated use. 2. In a kitchen, where two or more receptacle outlets are provided above a length of counter top that is uninterrupted by a sink or appliance, only one receptacle outlet shall be required to comply with Section 309. 3. In a kitchen, where a clear floor space for a parallel approach cannot be located at a counter top in a corner between appliances, receptacle outlets over the counter top shall not be required to comply with Section 309 provided that the counter top ~~is 7~~ area does not exceed 9 square feet (~~0.65~~ 0.835 m^2) maximum. *(Remaining exceptions are renumbered by unchanged)*
	1004.9	**1004.9 Operable Parts.** Lighting controls, electrical switches and receptacle outlets, environmental controls, electrical panelboards, and user controls for security or intercom systems shall comply with ~~Section~~ ~~309.2~~ Sections 1004.3.3 and 309.3. **EXCEPTIONS:** 1. Receptacle outlets serving a dedicated use. 2. In a kitchen, where two or more receptacle outlets are provided above a length of counter top that is uninterrupted by a sink or

Proposal Number	Section Number*	Second Public Review Draft Change
10-8-12 PC2 continued		appliance, only one receptacle outlet shall be required to comply with Sections ~~309.2~~ 1004.3.3 and 309.3. 3. In a kitchen, where a clear floor space for a parallel approach cannot be located at a counter top in a corner between appliances, receptacle outlets over the counter top shall not be required to comply with Sections ~~309.2~~ 1004.3.3 and 309.3 provided that the counter top ~~is 7~~ area does not exceed 9 square feet (~~0.65~~ 0.835 m^2) maximum. *(Remaining exceptions are renumbered by unchanged)*
10-10-12 PC1	***1002.9.1***	**Revise as follows:** **1002.9 Operable Parts.** Lighting controls, electrical panelboards, electrical switches and receptacle outlets, environmental controls, appliance controls, operating hardware for operable windows, plumbing fixture controls, and user controls for security or intercom systems shall comply with Sections 1002.9 and 309. **EXCEPTIONS:** *(remain unchanged)* **1002.9.1 Wheelchair Charging Area.** A wheelchair charging area shall be located adjacent to one bed. A clear floor space complying with Section 305 shall be ~~located between the bedside and a parallel wall. The parallel wall shall be 36 inches (915 mm) minimum to 48 inches (1220 mm) maximum from the bed and provide a 110V duplex receptacle outlet located 24 inches (610 mm) minimum and 48 inches (1220 mm) maximum from the head wall of the bed and complying with Section 1002.9~~ positioned for parallel approach to the side of the bed. ~~**Exception:** Where there is no parallel wall within 36 inches (915 mm) minimum to 48 inches (1220 mm) maximum of the bedside, a clear floor space complying with Section 305 shall be along the wall at the head of one bed. A 110V duplex receptacle outlet complying with Section 1002.9 shall be located along the wall at the bed head and within 24 inches (610 mm) minimum and 48 inches (1220 mm) maximum of the bedside.~~
10-13-12 PC1	***1002.15.3***	**Revise as follows:** **1002.15.3 Bed Height**. At least one bed shall measure 17 to 23 inches (430 to 585 mm) high from the floor to the top of the uncompressed mattress~~, whether or not the mattress is compressed~~.
10-16-12 PC1	**1003.5**	**Revise as follows:** **1003.5 Doors and Doorways.** The primary entrance door to the unit, and all other doorways intended for user passage, shall comply with Section 404. **EXCEPTIONS:** 1. Thresholds at exterior sliding doors shall be permitted to be 3/4 inch (19 mm) maximum in height, provided they are beveled with a slope not greater than 1:2. 2. In toilet rooms and bathrooms not required to comply with Section

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		1003.11.2, maneuvering clearances required by Section 404.2.3 are not required on the toilet room or bathroom side of the door. 3. A turning space between doors in a series as required by Section 404.2.5 is not required. 4. Storm and screen doors are not required to comply with Section 404.2.5. 5. Communicating doors between individual sleeping units are not required to comply with Section 404.2.5. **6.** At other than the primary entrance door, where exterior space dimensions of balconies are less than the required maneuvering clearance, door maneuvering clearance is not required on the exterior side of the door.
3-13L-12 PC9	**1004**	**Revise as follows:** **1004 Type B Units** **1004.1 General.** Type B units shall comply with Section 1004.
	1004.1.1	**1004.1.1. Clear Floor Space.** The clear floor space shall be 48 inches (1220 mm) minimum in length and 30 inches (760 mm) minimum in width.
	1004.1.2	**1004.1.2 Alcoves**. Where the clear floor space is positioned for a forward approach, the alcove shall be 36 inches (915 mm) minimum in width where the depth exceeds 24 inches (610 mm).
	1004.1.3	**1004.1.3 Forward reach unobstructed.** Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor.
	1004.1.4	**1004.1.4. Mailboxes.** Mailboxes serving Type B dwelling units and complying with Section 1001.2 shall be permitted an unobstructed side reach range at 54 inches (1370 m) maximum above the floor.
	1004.1.5	**1004.1.5. Parking Space Width.** Access aisles serving Type B units and adjacent to accessible and van accessible parking spaces shall be 60 inches (1525 mm) minimum in width.
	1004.3.3	~~**1004.3.3 Clear Floor Space.** For the purposes of Type B units, the clear floor space shall be 48 inches (1220mm) minimum in length and 30 inches(760 mm) minimum in width.~~ **1004.4 Walking Surfaces.**
	1004.4.1	**1004.4.1 Clear Width.** Clear width of an accessible route shall comply with Section 403.5. **EXCEPTIONS:** 1. **180 Degree Turn.** Where an accessible route makes a 180 degree turn around an object that is less than 48 inches (1220 mm) in width, clear widths shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum during the turn and 42 (1065 mm) inches

Proposal Number	Section Number*	Second Public Review Draft Change
3-13L-12 PC9 Continued		minimum leaving the turn. 2. **Turn Around an Object.** Where an accessible route makes a 180 degree turn around an object that is less than 48 inches (1220 mm) in width, the clear width approaching the turn and leaving the turn shall be 36 inches (915 mm) minimum Where the clear width during the turn is 60 inches (1525 mm) minimum. 3. **90 Degree Turn.** Where an accessible route makes a 90 degree turn the clear widths approaching the turn and leaving the turn shall be 36 inches (915 mm) minimum. 4. **Clear Width.** The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided the reduced width segments are separated by segments that are 48 inches (1220 mm) minimum in length and 36 inches (915 mm) minimum in width.
	1004.5.1	**1004.5.1 Primary Entrance Door.** The primary entrance door to the unit shall comply with Section 404. **EXCEPTIONS:** 1. **Storm and Screen Doors.** Storm and screen doors serving individual dwelling or sleeping units are not required to comply with Section 404.2.5. 2. **Maneuvering Clearance.** For the maneuvering clearance at swinging doors, for the front approach direction on the push side the dimension perpendicular to the door shall be 48 inches (122 mm) minimum. 3. **Clearance at Sliding and Folding Doors.** For the maneuvering clearance at sliding and folding doors, for the front approach direction the dimension perpendicular to the door shall be 48 inches (122 mm) minimum.
	1004.5.2.3	**1004.5.2.3 Automatic Doors.** Automatic doors shall comply with Section 404.3. **EXCEPTION: Unobstructed Reach.** Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor
	1004.7	**1004.7 Elevators.** Elevators within the unit shall comply with Section 407, 408, or 409. **EXCEPTIONS:** 1. **In a Private Residential Elevators, t**he inside dimensions of elevator cars shall provide a clear floor space in accordance with Section 1004.1.1. **2. Controls.** Unobstructed forward reach for controls shall be permitted to comply with Section 1004.1.3. **3. Unobstructed Reach.** Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor

Proposal Number	Section Number*	Second Public Review Draft Change
3-13L-12 PC9 Continued	**1004.8**	**1004.8 Platform Lifts.** Platform lifts within the unit shall comply with Section 410. **EXCEPTIONS:** 1. **Doors.** Platform lifts with a single door or doors on opposite ends shall provide a clear floor width of 36 inches (915 mm) minimum and a clear floor space complying with Section 1004.1.1. 2. Unobstructed forward reach for controls shall be permitted to comply with Section 1004.1.3. **3. Controls.** Unobstructed forward reach for controls shall be permitted to comply with Section 1004.1.3. **4. Unobstructed Reach.** Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor.
	1004.9	**1004.9 Operable Parts.** Lighting controls, electrical switches and receptacle outlets, environmental controls, electrical panelboards, and user controls for security or intercom systems shall comply with Sections ~~1004.3.3~~ 1004.1.1 and 309.3. **EXCEPTIONS:** **1.** Unobstructed forward reach for operable parts shall be permitted to comply with Section 1004.1.3 **2.** Receptacle outlets serving a dedicated use. **3.** In a kitchen, where two or more receptacle outlets are provided above a length of counter top that is uninterrupted by a sink or appliance, only one receptacle outlet shall ~~not~~ be required to comply with Sections ~~309.~~2 1004.1.1 and 309.3. **4.** In a kitchen, where a clear floor space for a parallel approach cannot be located at a counter top in a corner between appliances, receptacle outlets over the counter top shall not be required to comply with Sections ~~309.2~~ 1004.1.1 and 309.3 provided that the counter top is 7 square feet (0.65 m^2) maximum. **5.** Floor receptacle outlets. **6.** HVAC diffusers. **7.** Controls mounted on ceiling fans. **8.** Controls or switches mounted on appliances. **9.** Plumbing fixture controls. **10.** Reset buttons and shut-offs serving appliances, piping and plumbing fixtures. **11.** Where redundant controls other than light switches are provided for a single element, one control in each space shall not be required to be accessible. 12. Within kitchens and bathrooms, lighting controls, electrical switches and receptacle outlets are permitted to be located over cabinets with counter tops 36 inches (915 mm) maximum in height and 25-1/2 inches (650 mm) maximum in depth.
	1004.10.1	**1004.10.1 Clear Floor Space.** A clear floor space complying with Section ~~1004.3.3~~ 1004.1.1 shall be provided for each washing machine and clothes dryer. A parallel

Proposal Number	Section Number*	Second Public Review Draft Change
3-13L-12 PC9 continued		approach shall be provided for a top loading machine. A forward or parallel approach shall be provided for a front loading machine.
	1004.11.2	**1004.11.2 Clear Floor Space.** Clear floor spaces required by Section 1004.11.3.1 (Option A) or 1104.11.3.2 (Option B) shall comply with Sections 1004.11.2 and ~~1004.3.3~~ 1004.1.1.
	1004.11.2.1	**1004.11.2.1 Doors.** Doors shall not swing into the clear floor space or clearance for any fixture. **EXCEPTION:** Where a clear floor space complying with Section ~~1004.3.3~~ 1004.1.1, excluding knee and toe clearances under elements, is provided within the room beyond the arc of the door swing.
	1004.11.2.2	**1004.11.2.2 Knee and Toe Clearance.** Clear floor space complying with Section 1004.1.1, at fixtures shall be permitted to include knee and toe clearances complying with Section 306.
	1004.11. 3.1.1	**1004.11.3.1.1 Lavatory.** A clear floor space complying with Section ~~1004.3.3~~ 1004.1.1, positioned for a parallel approach, shall be provided at a lavatory. The clear floor space shall be centered on the lavatory. **EXCEPTION:** A lavatory complying with Section 606 and ~~1004.3.3~~ 1004.1.1 shall be permitted. Cabinetry shall be permitted under the lavatory provided the following criteria are met. (a) The cabinetry can be removed without removal or replacement of the lavatory; and (b) The floor finish extends under the cabinetry; and (c) The walls behind and surrounding the cabinetry are finished.
	1004.12.2	**1004.12.2 Clear Floor Space.** Clear floor space at appliances shall comply with Sections 1004.12.2 and ~~1004.3.3.~~ 1004.1.1. **EXCEPTION:** Where the clear floor space complying with Section 1004.1.1 is positioned for a forward approach, the alcove shall comply with Section 1004.1.2.
	1004.12.2.1	**1004.12.2.1 Sink.** A clear floor space complying with Section 1004.1.1 positioned for a parallel approach to the sink, shall be provided. The clear floor space shall be centered on the sink bowl. **EXCEPTION:** A sink with a forward approach complying with Section 1003.12.4.1, except the clear floor space shall be permitted to comply with Section 1004.1.1 and the alcove with Section 1004.1.2.

Proposal Number	Section Number*	Second Public Review Draft Change
10-19-12	**1004.11.3.1.3.3**	**Revise as follows:** **1004.11.3.1.3.3 Shower Compartment.** If a shower compartment is the only bathing facility, the shower compartment shall have dimensions of 36 inches (915 mm) minimum in width and 36 inches (915 mm) minimum in depth. A clearance of 48 inches (1220 mm) minimum in length, measured perpendicular from the shower head wall, and 30 inches (760 mm) minimum in depth, measured from the face of the shower compartment, shall be provided. Reinforcing for a shower seat is not required in shower compartments larger than 36 inches (915 mm) in width and 36 inches (915 mm) in depth **Exception:** A shower door assembly shall be permitted where the assembly can be removed without removal or replacement of the surrounding walls and floor to which it is affixed.

***Section Number** is the section number found in the 2009 edition of the standard – unless it is a *new section number.*

Chapter 11

(Please note that when the next edition of the standard is published – Chapters 10 and 11 will be reversed in order. For review purposes, they remain as currently found in the standard.)

Proposal Number	Section Number*	Second Public Review Draft Change
	1107.3.2	**See Proposal Number 3-6-12 PC2**
	1109.2.3	**See Proposal Number 3-6-12 PC2**

ICC STANDARDS - PUBLIC COMMENT FORM

PLEASE SEE INSTRUCTIONS (SUBMITTAL RULES OF PROCEDURES). ALL SUBMITTALS MUST BE IN COMPLIANCE WITH THESE PROCEDURES.

CLOSING DATE: All Comments Must Be Received by the Announced Closing Date

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4) Indicate appropriate ICC Standard associated with this Public Proposal – Please use Acronym: _____
(See bottom of this form or the instructions for list of Names and Acronyms for the ICC Standards)

5) Indicate the Standard Proposal Number that is being addressed by this Public Comment (if applicable): _____

6) Revision to: ☐ Section _____ ☐ Table _____ ☐ Figure _____

7) COMMENT Revise as follows (check BOX and state proposed change):

☐ **Revise as follows:** ☐ **Add new text as follows** ☐ **Delete and substitute as follows:** ☐ **Delete without Substitution:**

Show the proposed NEW or REVISED or DELETED TEXT in legislative format: ~~Line through text to be deleted.~~ Underline text to be added.

☐ COMMENT Continued (Attach additional sheets as necessary)

8) SUPPORTING INFORMATION (State purpose and reason, and provide substantiation to support proposed change):

☐ SUPPORTING INFORMATION Continued (Attach additional sheets as necessary)

PLEASE USE SEPARATE FORM FOR EACH COMMENT

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Name of ICC Standard: The following acronyms should be used when designating the name of a Standard.

Acronym	ICC Standard Name
IS-BLE	Standard on Bleachers, Folding and Telescopic Seating, and Grandstands
IS-RHW	Standard for Residential Construction in High Wind Regions
IS-IEDC	Landscape Irrigation Sprinkler and Emitter Standard
IS-LOG	Standard on Design, Construction and Performance of Log Structures
IS-STM	Standard on Design, Construction and Performance of Storm Shelters
A117.1	Standard on Accessible and Usable Buildings and Facilities