



ICC A117.1 STANDARD
THIRD PUBLIC REVIEW DRAFT

JULY 2, 2015

ICC/ANSI A117.1 STANDARD
DEVELOPMENT - 2015 EDITION

CLOSING DATE FOR PUBLIC COMMENTS
MONDAY, AUGUST 17, 2015

ICC A117.1 Standard – Accessible and Usable Buildings and Facilities
Third Public Review Draft
July 2, 2015

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

This draft contains changes to the Second Public Review Draft (Published November 7, 2014) which will eventually change the 2009 edition of the ICC A117.1 Standard. Only changes to the Second Public Review Draft are shown; previously approved changes are not shown. The background to each change and how the change fits into the balance of the standard are not shown in this document but can be seen in companion documents.

Please note:

1. Some changes shown in the Third Public Review draft reverse changes approved and included in the First and Second Public Review Drafts. 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 Third Public Review Draft – Supplement, listed below, is an unofficial merging of the approved changes into the Standard as reflected in the First, Second and Third 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 on the A117.1 Standard page of the ICC website. <http://www.iccsafe.org/icc-asc-a117/>

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

Providing Public Comment.

Comments will be accepted through Monday, August 17, 2015. 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/standards-public-forms/>. 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 Third Public Review Draft. Comments on previously approved changes not included in the Third 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 to be added.

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

Closing Date for Public Comments – Monday, August 17, 2015.

Chapter 1

Proposal Number	Section Number*	Third Public Review Draft Change
	106.2.3	See Proposal Number 7-1-12 PC3.1
4-23-12 PC2.2 (aka Agenda Item #10)	106.2.13	Revise as follows: 106.2.13 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 – 14-12 (AAMA, 1827 Walden Office Square, Suite 550, Schaumburg, IL 60173-4268)
	106.2.13	See Proposal Number 5-22-12 PC4.1
	106.2.14	See Proposal Number 8-6-12 PC1.1

. *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*	Third Public Review Draft Change
3-5-12 PC 1.1 (aka Agenda Item #1)	304.2	<p>Revise as follows:</p> <p>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.</p> <p style="text-align: center;"><u>EXCEPTION: Slopes not steeper than 1:48 shall be permitted.</u></p>
	305.2	<p>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.</p> <p style="text-align: center;"><u>EXCEPTION: Slopes not steeper than 1:48 shall be permitted.</u></p>
	404.2.3.1	<p>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.</p>
	405.7.1	<p>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.</p>
	502.5	<p>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 spaces and access aisles.</p>
	503.4	<p>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.</p>
	802.2	<p>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.</p>

Proposal Number	Section Number*	Third Public Review Draft Change
3-13-12 PC4.1 (aka Agenda Item #5)	305.7.2	<p>Revise as follows:</p> <p>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) <u>24 inches (610 mm)</u>.</p> <p>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).</p>
	305.8	See Proposal Number 6-46-12 PC2.1
3-6-12 PC2.1 (aka Agenda Item #2)	308.2	<p>Revise as follows:</p> <p>308.2 Forward Reach.</p> <p>308.2.1 Unobstructed.</p> <p>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 15 inches (585 mm) minimum above the floor.</p> <p>308.2.1.2 Existing Buildings and Within New Type B Units. 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.</p> <p>502 Parking Spaces</p> <p>502.4.2</p> <p>502.4 Width</p> <p>502.4.2.1 New Buildings. In new buildings, access aisles serving car and van parking spaces shall be 60 inches (1700 mm) minimum in width.</p> <p>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.</p> <p>804.2.2</p> <p>804.2.2 U-Shaped Kitchens.</p> <p>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.</p> <p>EXCEPTION: U-shaped kitchens with an island shall be permitted to comply with Section 804.2.1.</p> <p>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</p>

Proposal Number	Section Number*	Third Public Review Draft Change
		<p>(1525 mm) minimum.</p> <p>EXCEPTION: U-shaped kitchens with an island shall be permitted to comply with Section 804.2.1.</p>
<p>5-24-12 PC1.1 (aka Agenda Item #5)</p>	<p>309.1</p>	<p>Revise as follows:</p> <p>309.1 General. Operable parts required to be accessible shall comply with Section 309.</p> <p>Exception: Firefighting <u>Emergency Aid</u> devices, such as <u>fire department</u> hose connections, valve controls, gauges, <u>police call boxes</u> and annunciator panels shall not be required to comply with Section 309 provided that they are used only for emergencies by emergency personnel acting in their official capacity.</p>

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Chapter 4

Proposal Number	Section Number*	Third Public Review Draft Change
	404.2.3.1	See Proposal Number 3-5-12 PC1.1
4-23-12 PC2.1 (aka Agenda Item #9)	404.2.8	<p>Revise as follows:</p> <p>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:</p> <ol style="list-style-type: none"> 1. Interior hinged door: 5.0 pounds (22.2 N) maximum 2. Interior sliding or folding door: 5.0 pounds (22.2 N) maximum 3. Exterior sliding door: 10.0 pounds (45 N) maximum <p>Opening forces for exterior sliding doors shall be determined in accordance with AAMA 513.</p>
4-33-12 PC1.1 (aka Agenda Item #11)	404.3.1	<p>Revise as follows:</p> <p>404.3.1 Public Entrances. Where an automatic door is required <u>provided</u> 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.</p>
4-34-12 PC1.1 (aka Agenda Item #13)	404.3.4	<p>Revise as follows:</p> <p>404.3.4 Two Doors or Gates in Series. Doors or gates in series shall comply with Section 404.2.5.</p> <p><u>EXCEPTION:</u> <u>Where both doors or gates in series are power assist doors, low energy automatic doors or full power automatic doors, the two doors and gates in a series shall not be required to provide a turning space between the doors.</u></p>

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Chapter 5

Proposal Number	Section Number*	Third Public Review Draft Change
	502.4.2	See Proposal number 3-6-12 PC2.1
	502.5	See Proposal number 3-5-12 PC1.1
	503.4	See Proposal number 3-5-12 PC1.1
5-16 –12 PC1.1 (aka Agenda Item #16)	504.10	<p>Revise as follows:</p> <p>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 <u>an area of refuge providing direct access to a stairway</u>; an exterior area for assisted rescue, an exit stairway, an exit ramp, an exit passageway and the exit discharge.</p>
5-22-12 PC2.1 (aka Agenda Item #17)	506.2	<p>Revise as follows:</p> <p>506.2 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 operating force for opening and closing operable windows shall be as follows:</p> <ol style="list-style-type: none"> 1. 8.5 pounds (37.7 N) maximum for casement <u>vertical</u> and horizontal sliding windows 2. <u>5 pounds (22.2 N) maximum for all other types of operable windows.</u>
5-22-12 PC4.1 (aka Agenda Item #19)	506.2	<p>Revise as follows:</p> <p>506.2 Operating force. The operating force for windows includes forces for opening, closing, locking or latching, and unlocking or unlatching, <u>and shall be determined in accordance with AAMA 513</u>. 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 operating force for opening and closing operable windows shall be as follows:</p> <ol style="list-style-type: none"> 1. 8.5 pounds (37.7 N) maximum for casement and horizontal sliding windows <p>Add reference standard as follows:</p> <p>106.2.13 <u>Standard Laboratory Test Method for Determination of Forces and Motions Required to Activate Operable Parts of Operable Windows and Doors in Accessible Spaces, AAMA 513 – 14 (AAMA, 1827 Walden Office Square, Suite 550, Schaumburg, IL 60173-4268).</u></p>

Chapter 6

Proposal Number	Section Number*	Third Public Review Draft Change																								
6-20-12 PC2.1 (aka Agenda Item #24A)	Table 604.9.3.1	Revise as follows: <div style="text-align: center;"> Table 604.9.3.1 – Door Opening Locations </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Door Opening Location</th> <th style="text-align: center;">Measured From</th> <th style="text-align: center;">Dimension</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center; vertical-align: middle;">Front Wall or Partition</td> <td style="text-align: center;">From the side wall or partition closest to the water closet</td> <td style="text-align: center;">56 inches (1420 mm) minimum</td> </tr> <tr> <td colspan="2" style="text-align: center;">Or</td> </tr> <tr> <td style="text-align: center;">From the side wall or partition farthest from the water closet</td> <td style="text-align: center;">45 48 inches (1220 mm) maximum</td> </tr> <tr> <td rowspan="3" style="text-align: center; vertical-align: middle;">Side Wall or Partition - Wall-Hung Water Closet</td> <td style="text-align: center;">From the rear wall</td> <td style="text-align: center;">52 inches (1320 mm) minimum</td> </tr> <tr> <td colspan="2" style="text-align: center;">Or</td> </tr> <tr> <td style="text-align: center;">From the front wall or partition</td> <td style="text-align: center;">45 48 inches (1220 mm) maximum</td> </tr> <tr> <td rowspan="3" style="text-align: center; vertical-align: middle;">Side Wall or Partition - Floor-Mounted Water Closet</td> <td style="text-align: center;">From the rear wall</td> <td style="text-align: center;">55 inches (1395 mm) minimum</td> </tr> <tr> <td colspan="2" style="text-align: center;">Or</td> </tr> <tr> <td style="text-align: center;">From the front wall or partition</td> <td style="text-align: center;">45 48 inches (1220 mm) maximum</td> </tr> </tbody> </table>	Door Opening Location	Measured From	Dimension	Front Wall or Partition	From the side wall or partition closest to the water closet	56 inches (1420 mm) minimum	Or		From the side wall or partition farthest from the water closet	45 48 inches (1220 mm) maximum	Side Wall or Partition - Wall-Hung Water Closet	From the rear wall	52 inches (1320 mm) minimum	Or		From the front wall or partition	45 48 inches (1220 mm) maximum	Side Wall or Partition - Floor-Mounted Water Closet	From the rear wall	55 inches (1395 mm) minimum	Or		From the front wall or partition	45 48 inches (1220 mm) maximum
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6-46-12 PC2.1 (aka Agenda Item #25)	608.2.1.2 305.8	Revise as follows: <p>608.2.1.2 Clearance. A clearance of 52 inches (1320 mm) minimum in length measured perpendicular from 12 inches (305 mm) beyond the seat wall, and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment. The seat wall shall align with the wheelchair seat back as per Section 305.8 Seat Back Location, or be 4 inches (100 mm) maximum behind the <u>seat wall.</u></p> <p><u>305.8 Seat Back Location.</u> For the purposes of this standard, the seat back of a wheelchair within the clear floor space shall be considered 40 inches (1015 mm) from the front or 12 inches (305 mm) from the rear of the wheelchair space.</p>																								
6-55-12 PC3.1 (aka Agenda Item #28)	608.3.2.1	Revise as follows: <p>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.</p>																								

Proposal Number	Section Number*	Third Public Review Draft Change
6-55-12 PC3.1 continued		<p>Exceptions:</p> <ol style="list-style-type: none"> 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. <p><u>608.3.2.1. Back Wall Grab Bar.</u> In standard roll-in shower stalls, a grab bar shall be provided along the entire length of the back wall from 6 inches (150 mm) maximum of one corner to within 6 inches (150 mm) maximum of the opposite corner.</p> <p><u>Exception:</u> If a permanent seat is provided, the grab bar shall terminate at the leading edge of the seat.</p>
6-61-12 PC1.2 (aka Agenda Item #30)	608.3.2.2 608.4.2	<p><u>608.3.2.2 608.3.2.1.4 Vertical Grab Bar.</u> Where a side wall is provided opposite the seat within 72 inches (1830 mm) of the seat wall, 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.</p> <p><u>608.4.2 Standard Roll-in Showers.</u> In standard roll-in showers, the controls and hand shower shall not be located above the seat. Controls and hand showers shall be located <u>in accordance with the following:</u></p> <ol style="list-style-type: none"> 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.
6-61-12 PC1.4 (aka Agenda Item #32)	608.3 608.3.2 608.3.2.1	<p>Revise as follows:</p> <p>608.3 Grab Bars.</p> <p><u>608.3.2 Standard Roll-in Type Showers.</u> Grab bar for standard roll-in showers shall comply with Section 608.3.2. <u>In standard roll-in type showers, horizontal grab bars shall be provided.</u></p> <p><u>608.3.2.1 Horizontal Grab Bars.</u> 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. <u>Where a side wall is provided opposite the sea</u> 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.</p>

Proposal Number	Section Number*	Third Public Review Draft Change
6-61-12 PC1.4 continued	608.3.2.1.1 608.4.2 608.4.2.1	<p data-bbox="488 260 1312 289">608.3.2.1.1 Vertical Grab Bar.—See Proposal Number 6-61-12 PC1.2</p> <p data-bbox="488 321 1360 350">608.4.2 Standard Roll-in Showers. See Proposal Number 6-61-12 PC1.2</p> <p data-bbox="488 382 1446 474">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:</p> <ol data-bbox="537 506 1430 598" style="list-style-type: none"> <li data-bbox="537 506 1430 598">1. —At a height of 38 inches (965 mm) minimum to 48 inches (1220 mm) maximum above the shower floor, and 17 inches (430 mm) to 19 inches (485 mm) from the back wall.

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Chapter 7

Third Public Review Draft Change

Proposal Number	Section Number*	Third Public Review Draft Change
7-1-12 PC3.1 (aka Agenda Item #35)	106.2.3 701.1.2 701.1.3	<p>Add the following reference standard:</p> <p><u>106.2.3 Light reflectance value (LRV) of a surface.</u> Method of Test. BS 8493:2008 + A1: 2010 (British Standards Institution, 389 Chiswick High Road, London W4 4AL, United Kingdom).</p> <p>Revise as follows:</p> <p><u>701.1.2 Light Reflectance Value.</u> The light reflectance value (LRV) of surfaces shall be determined in accordance with BS 8493 for the following surface types:</p> <ol style="list-style-type: none"> <u>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.</u> <u>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.</u> <u>3. Opaque coverings with a yielding pile, e.g. carpet.</u> <u>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.</u> <u>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.</u> <u>6. Multi-colored surfaces.</u> <u>7. Ordinary materials as defined in Section 3. Terms and Definitions, subsection 3.3 in BS 8493 listed in Section 106.2.3.</u> <p><u>701.1.2.1 Other Surfaces.</u> Other surfaces shall comply with Section 703.1.3.1.</p> <p><u>701.1.3 Contrast Value.</u> The contrast between the LRVs of adjacent surfaces required by Sections 703.2.1.2, 703.5.3.2, 703.6.3.2 and 705.3 shall be determined by Equation 7-1,</p> $\text{Contrast} = [(B1-B2)/B1] \times 100 \text{ percent} \quad \text{Equation 7-1}$ <p><u>Where</u></p> <p style="padding-left: 20px;"><u>B1 = light reflectance value (LRV) of the lighter surface,</u></p> <p style="padding-left: 20px;"><u>B2 = light reflectance value (LRV) of the darker surface.</u></p> <p><u>701.1.3.1 Other Surfaces.</u> Surfaces not within the scope of BS 8493 shall provide contrast between adjacent surfaces that are either light on dark or dark on light.</p> <p>703.2 Visual Characters.</p>

Proposal Number	Section Number*	Third Public Review Draft Change
7-1-12 PC3.1 Continued		703.2.1 General. Visual characters shall comply with the following: (Balance of section is not changed)
	703.2.1.1	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. <u>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.</u>
	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. <u>Pictograms and their fields shall comply with Sections 703.5.3.1 and 703.5.3.2 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.</u>
	703.5.3.1	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. <u>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.</u> Characters shall contrast with their background, with either light characters on a dark background or dark characters on a light background.
	703.6.2	703.6.2 Finish and Contrast. <u>Symbols of accessibility and their backgrounds shall comply with Sections 703.6.2.1 and 703.6.2.2 have non-glare finish.</u> 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.
	703.6.2.1	703.6.2.1 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.
	703.6.2.2	703.6.2.2 Contrast. <u>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.</u>
705.3	705.3 Contrast. -Detectable warning surfaces shall contrast visually with adjacent surfaces, either light on dark or dark on light. <u>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.</u>	

Proposal Number	Section Number*	Third Public Review Draft Change
7-16-12 PC2.1 (aka Agenda Item #38)	704.8	<p>Revise as follows:</p> <p>704.8 Visual Relay Service Booth. Each public Visual Relay Service Booth shall be accommodate one user with seating and privacy enclosure, a visual monitor, a video camera device, control device, <u>a two-way video communication system</u>, diffuse lighting with a minimum lighting level of 20 foot candles (215 lux). The background of the seating area, and within range of the video camera device <u>two-way video communication system</u>, shall have a flat, non-textured surface and finish color in the bright green or blue range.</p>

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Chapter 8

Proposal Number	Section Number*	Third Public Review Draft Change
	802.2	See Proposal Number 3-5-12 PC1.1
3-13E-12 PC1.1 (aka Agenda Item #39)	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 PC3.2 (aka Agenda Item #41)	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: <ol style="list-style-type: none"> 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. 4. <u>For wheelchair spaces with rear access, the shoulder alignment shall be permitted to be measured 12 inches (305 mm) from the rear of the space.</u>
8-6-12 PC1.1 (aka Agenda Item #42)	106.2.14 802.11 803.11.1	Delete reference standard as follows: 106.2.14 IES Handbook 10th Edition, (Illuminating Engineering Society, 120 Wall Street, Floor 17, New York, NY 10005-4001). Revise as follows: 802.11 General. Sign language interpreter stations shall comply with Section 802.11. 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 <u>with</u>

Proposal Number	Section Number*	Third Public Review Draft Change
8-6-12 PC1.1 continued	802.11.2 802.11.3 802.11.4	<p>a minimum size of 24 inches (610 mm) deep and 36 inches (915 mm) wide that is located to providing a direct line of sight from to produce sign language legible from the seating area identified in Section 802.11.2 and allow periodic interpreter shift changes to take place.</p> <p>802.11.2 Location. Sign language interpreter stations shall be located so that seating within an arc centered on from the station and subtending 120 measured to the left and right a minimum of 60 degrees maximum and not more than within 65 feet (19.8 m) horizontal distance from the station is provided with sightlines providing unobstructed a view of the signers from top of their heads to their waists and to an arm's length to both sides of the signer sign language station from a height 36 inches (915 mm) to 72 inches (1830 mm) above the floor of the station , all as measured to the center of the station. The vertical viewing angle from the person in the seat to the interpreter station shall not exceed 30 degrees measures to the front and center of the floor of the sign language station.</p> <p>802.11.3 Illumination: The sign language interpreter station shall have lighting facilities capable of providing 10 foot-candles (108 lux) of illuminance while signing is underway be illuminated in compliance with 802.11.2 measured at the center of the floor of the sign language station at a height of 48 inches (1220 mm) above the floor. 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.</p> <p>802.11.4 Backdrop. When a sign language interpreter station is located no greater less 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 behind the sign language interpreter station and to a height of 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.</p> <p>Exception: The wall is not required to comply with Section 802.11.4 where a backdrop with a monochromatic, low-luster finish treatment is provided.</p>
	804.2.2	See Proposal Number 3-6-12 PC2.1
8-15-12 PC5.1 (aka Agenda Item #45)	808.1	<p>Revise as follows:</p> <p>808.1 General. This section applies to classrooms with volumes up to 20,000 cubic feet (565 m³). Classrooms not exceeding 20,000 cubic feet (565 m³) and required to provide enhanced acoustics shall comply with Section 808.</p>

*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*	Third Public Review Draft Change
9-10-12 PC2.3 (aka Agenda Item #49)	904.3.2	<p>Revise as follows:</p> <p>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. 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.</p> <p>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.</p>

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

Proposal Number	Section Number*	Third Public Review Draft Change
3-13L-12 PC9.1 continued		<p data-bbox="574 233 1425 289">2. Unobstructed forward reach for controls shall be permitted to comply with Section 1104.1.3.</p> <p data-bbox="574 323 1458 380">3. Controls. Unobstructed forward reach for controls shall be permitted to comply with Section 1104.1.3.</p> <p data-bbox="574 413 1463 506">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.</p>

*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.)

There are no additional changes proposed for Chapter 11 in the Third Public Review Draft.



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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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