# ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ICC A117.1-2009

**American National Standard** 

International Code Council 500 New Jersey Avenue, NW, 6th Floor Washington, DC 20001

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American National Standard Institute 25 West 43rd Street New York, NY 10036



# Accessible and Usable Buildings and Facilities (ICC A117.1-2009)

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### **FOREWORD**

(The information contained in this foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.)

### **Development**

The 1961 edition of ANSI Standard A117.1 presented the first criteria for accessibility to be approved as an American National Standard and was the result of research conducted by the University of Illinois under a grant from the Easter Seal Research Foundation. The National Easter Seal Society and the President's Committee on Employment of People with Disabilities became members of the Secretariat, and the 1961 edition was reaffirmed in 1971.

In 1974, the U.S. Department of Housing and Urban Development joined the Secretariat and sponsored needed research, which resulted in the 1980 edition. After further revision that included a special effort to remove application criteria (scoping requirements), the 1986 edition was published and, when requested in 1987, the Council of American Building Officials (CABO) assumed the Secretariat. Central to the intent of the change in the Secretariat was the development of a standard that, when adopted as part of a building code, would be compatible with the building code and its enforcement. The 1998 edition largely achieved that goal. The 2009 edition of the standard is the latest example of the A117.1 committee's effort to continue developing a standard that is compatible with the building code. (When CABO was consolidated into the International Code Council (ICC) in 1998, the Secretariat duties were assumed by ICC.)

### 2009 Edition

New to the 2009 edition are coordinated criteria for the various types of dwelling units that provide a step-down between the unit types; technical requirements for Type C (Visitable) Units; Variable Message Signs (i.e., signs that change the information they show such as gate information in train stations and airports); better consistency of sign requirements regarding when raised characters and braille are required; location of toilet paper dispenser (more design options, recessed fixtures addressed, single point of measurement, etc.); a new chapter for a variety of types of recreational facilities; an index and margin markings that will help users find requirements and identify changes from the 2003 edition. In addition, the new standard continued to provide a level of coordination between the accessible provisions of this standard and the Fair Housing Accessibility Guidelines (FHAG) and the newly released Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines (ADA & ABA AG).

### **ANSI Approval**

This Standard was processed and approved for submittal to ANSI by the Accredited Standards Committee A117 on Architectural Features and Site Design of Public Buildings and Residential Structures for Persons with Disabilities. ANSI approved the 2009 edition on October 20, 2010. Committee approval of the Standard does not necessarily imply that all Committee members voted for its approval.

### Adoption

ICC A117.1–2009 is available for adoption and use by jurisdictions internationally. Its use within a governmental jurisdiction is intended to be accomplished through adoption by reference in accordance with proceedings establishing the jurisdiction's laws.

### **Formal Interpretations**

Requests for Formal Interpretations on the provisions of ICC A117.1–2009 should be addressed to: ICC, Chicago District Office, 4051 W. Flossmoor Road, Country Club Hills, IL 60478–5795.

### Maintenance—Submittal of Proposals

All ICC standards are revised as required by ANSI. Proposals for revising this edition are welcome. Please visit the ICC website at www.iccsafe.org for the official "Call for proposals" announcement. A proposal form and instructions can also be downloaded from www.iccsafe.org.

ICC, its members and those participating in the development of ICC A117.1-2009 do not accept any liability resulting from compliance or noncompliance with the provisions of ICC A117.1-2009. ICC does not have the power or authority to police or enforce compliance with the contents of this standard. Only the governmental body that enacts this standard into law has such authority.

### **Marginal Markings**

Solid vertical lines in the margins within the body of the code indicate a technical change from the requirements of the 2003 edition. Deletion indicators in the form of an arrow ( $\Longrightarrow$ ) are provided in the margin where an entire section, paragraph, exception or table has been deleted or an item in a list of items or a table has been deleted.

# Accredited Standards Committee A117 on Architectural Features and Site Design of Public Buildings and Residential Structures for Persons with Disabilities

At the time of ANSI approval, the A117.1 Committee consisted of the following members:

	<b>g</b>
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Accessibility Equipment Manufacturers	
Association (AEMA) (PD)	Robert Murphy (Alt)
American Bankers Association (ABA) (BO)	Nessa Feddis (Alt)
	. Patricia Beattie Eric Bridges (Alt)
American Hotel and Lodging	
Association (AHLA) (BO)	Kevin Maher (Alt)
American Institute of Architects (AIA) (P)	. David C. Collins, FAIA Larry M. Schneider, AIA (Alt)
American Occupational Therapy Association (AOTA) (P)	. S. Shoshana Shamberg
American Society of Interior Designers (ASID) (P)	Comenthe Medelill ACID
	Barbara J. Huelat, ASID, IIDA (Alt)
American Society of Plumbing Engineers (ASPE) ( <b>P</b> )	Robert H. Evans Ir. CIPE/CPD
	Julius A. Ballanco, P.E. (Alt)
American Society of Safety	
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A O	(Alt) Mary Winkler, CSP (Alt)
American Society of Theatre Consultants (ASTC) (P)	Sport Crossfield ASTC
Consultants (ASTC) (P)	William Conner, ASTC (Alt) R. Duane Wilson, ASTC (Alt)
Association for Education & Rehabilitation of the Blind & Visually Impaired (AERBVI) ( <b>P</b> )	. Billie Louise "Beezy" Bentzen, PhD Helen Elias (Alt)
Brain Injury Association of America (BIAA) (CU)	` ,
Builders Hardware Manufacturers	Greg Ayotte (Alt)
Association, Inc. (BHMA) ( <b>PD</b> )	. Michael Tiernev
	Richard Hudnut (Alt)
Building Owners and Managers	Laurence C. Davis AlA
Association International (BOMA) ( <b>BO</b> )	Ron Burton (Alt)
Disability Rights Education and	
Defense Fund (DREDF) ( <b>CU</b> )	
	Logan Hopper (Alt)
Hearing Loss Association of	Charan Taii
America (HLAA) (CU)	Brenda Battat (Alt)
International Association of Amusement Parks	John Doul Coott ALA NOADD
and Attractions (IAAPA) ( <b>BO</b> )	Stephanine See (Alt)
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Phil Hahn, (Alt)

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Paralyzed Veterans of America (PVA) ( <b>CU</b> )	Frank Menendez (Alt)
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	Craig Berger (Alt) Ann Makowski (Alt)
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Stairway Manufacturers Association (SMA) (PD)	
United Cerebral Palsy	radi Wishinshi (7th)
Association, Inc. (UCPA) ( <b>CU</b> )	Gina Hilberry
	Maureen Fitzgerald (Alt) Janna Starr (Alt)
United Spinal Association (CU)	
U.S. Architectural & Transportation Barriers Compliance (Access) Board (ATBCB) (R)	
Compliance (Access) Board (ATBCB) (h)	Jim Pecht (Alt)
U.S. Department of Agriculture (USDA) (R)	
U.S. Department of Housing and	ga Traio (/ iii)
Urban Development (HUD) (R)	
	Louis F. Borray (Alt)
World Institute on Disability (WID) (CU)	Hale ∠ukas

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### Acknowledgment

The updating of this standard over the past 6 years could only be accomplished by the hard work of not only the current committee members listed at the time of approval but also the many committee members who participated and contributed to the process over the course of development. ICC recognizes their contributions as well as those of the participants who, although not on the committee, provided valuable input during this update cycle.

### INTEREST CATEGORIES

**Builder/Owner/Operator (BO)** – Members in this category include those in the private sector involved in the development, construction, ownership and operation of buildings or facilities; and their respective associations.

**Consumer/User (CU)** – Members in this category include those with disabilities, or others who require accessibility features in the built environment for access to buildings, facilities and sites; and their respective associations.

**Producer/Distributor (PD)** – Members in this category include those involved in manufacturing, distributing, or sales of products; and their respective associations.

**Professional (P)** – Members in this category include those qualified to engage in the development of the body of knowledge and policy relevant to their area of practice, such as research, testing, consulting, education, engineering or design; and their respective associations.

**Regulatory (R)** – Members in this category include federal agencies, representatives of regulatory agencies or organizations that promulgate or enforce codes or standards; and their respective associations.

**Individual Expert (IE)** (Nonvoting) — Members in this category are individual experts selected to assist the consensus body. Individual experts shall serve for a renewable term of one year and shall be subject to approval by vote of the consensus body. Individual experts shall have no vote.

Category	Number	
Builder/Owner/Operator – ( <b>BO</b> )	6	
Consumer/User – (CU)	11	
Professional – ( <b>P</b> )	15	
Producer/Distributor – (PD)	7	
Regulatory – ( <b>R</b> )		
TOTAL	46	

## **Contents**

Chapter 1. Application and Administration	
101 Purpose	
102 Anthropometric Provisions	
103 Compliance Alternatives	
104 Conventions	
105 Referenced Documents	
106 Definitions	3
Chapter 2. Scoping	5
201 General	5
202 Dwelling and Sleeping Units	5
203 Administration	5
Chapter 3. Building Blocks	7
301 General	
302 Floor Surfaces	7
303 Changes in Level	7
304 Turning Space	
305 Clear Floor Space	8
306 Knee and Toe Clearance	9
307 Protruding Objects	
308 Reach Ranges	. 1
309 Operable Parts	. 14
Chapter 4. Accessible Routes	
401 General	. 15
402 Accessible Routes	. 15
403 Walking Surfaces	
404 Doors and Doorways	. 15
405 Ramps	. 22
406 Curb Ramps	. 24
407 Elevators	. 26
408 Limited-use/Limited-application Elevators	. 32
409 Private Residence Elevators	
410 Platform Lifts	. 37
Chapter 5. General Site and Building Elements	. 39
501 General	
502 Parking Spaces	
503 Passenger Loading Zones	
504 Stairways	
505 Handrails	.4
506 Windows	. 44

Chapter 6. Plumbing Elements and Facilities	45
601 General	45
602 Drinking Fountains	
603 Toilet and Bathing Rooms	46
604 Water Closets and Toilet Compartments	46
605 Urinals	53
606 Lavatories and Sinks	
607 Bathtubs	54
608 Shower Compartments	56
609 Grab Bars	60
610 Seats	61
611 Washing Machines and Clothes Dryers	
612 Saunas and Steam Rooms	62
Chapter 7. Communication Elements and Features	
701 General	
702 Alarms	
703 Signs	65
704 Telephones	
705 Detectable Warnings	
706 Assistive Listening Systems	73
707 Automatic Teller Machines (ATMs) and Fare Machines	
708 Two-way Communication Systems	75
Chapter 8. Special Rooms and Spaces	77
801 General	
802 Assembly Areas	
803 Dressing, Fitting, and Locker Rooms	81
804 Kitchens and Kitchenettes	
805 Transportation Facilities	
806 Holding Cells and Housing Cells	
807 Courtrooms	85
Chapter 9. Built-In Furnishings and Equipment	
901 General	
902 Dining Surfaces and Work Surfaces	
903 Benches	
904 Sales and Service Counters	
905 Storage Facilities	
Chapter 10. Dwelling Units and Sleeping Units	
1001 General	
1002 Accessible Units	
1003 Type A Units	
1004 Type B Units	98

1005 Type C (Visitable) Units	105
1006 Units with Accessible Communication Features	106
Chapter 11. Recreational Facilities	107
1101 General	107
1102 Amusement Rides	107
1103 Recreational Boating Facilities	108
1104 Exercise Machines and Equipment	111
1105 Fishing Piers and Platforms	111
1106 Golf Facilities	113
1107 Miniature Golf Facilities	113
1108 Play Areas	113
1109 Swimming Pools, Wading Pools, Hot Tubs and Spas	117
1110 Shooting Facilities with Firing Positions	122
Index	123