ICC A117.1–2017 with Supplement 1:

Standard for Accessible and Usable Buildings and Facilities

American National Standard

International Code Council
200 Massachusetts Avenue, NW, Suite 250
Washington, DC 20001

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American National Standards Institute
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ICC
INTERNATIONAL CODE COUNCIL®

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ICC & CANINE COMPANIONS: WORKING TO RAISE AWARENESS

Canine Companions (https://canine.org/) is leading the service dog industry so clients and their dogs can live with greater independence. The organization provides service dogs to adults, children and veterans with disabilities and facility dogs to professionals working in healthcare, criminal justice and educational settings. Founded in 1975, their dogs and all follow-up services have been provided at no cost to clients.

ICC and Canine Companions both support the goal of creating safe, affordable, accessible and sustainable buildings and communities.

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. 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, the standard would be compatible with the building code and its enforcement. The 1998 edition largely achieved that goal. The 2017 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.

In 1998, CABO became the International Code Council (ICC). The International Code Council (ICC) became the secretariat in 1998 when CABO became ICC. The 2017 edition marks the 30th anniversary of the ICC Secretariat of the standard.

2017 Edition

New to the 2017 edition are enhanced dimensions for clear floor spaces and turning spaces. These increases were in response to technical data regarding the space needed by persons using scooters and some types of motorized wheelchairs. These enhanced provisions only apply to new buildings and facilities. Where existing buildings and facilities are remodeled, the historic dimensions will still apply.

Other changes include exterior routes, curb cuts, blended transitions, clarity for detectable warnings, passenger drop offs and parking requirements coordinated with the Public Rights of Way Guidelines, providing an accessible design standard for electrical vehicle charging stations and enhanced safety for accessible routes crossing parking lots. Also introduced are acoustic standards for classrooms, features allowing for better communication for persons using sign language, provisions addressing the recharging of wheelchairs in assembly venues and hotels, access to

gaming machines and tables, and provisions for water bottle filling stations.

The new standard continues to provide coordination between the accessible provisions of this standard and the Fair Housing Accessibility Guidelines (FHAG) and the 2010 Standard for Accessible Design referenced by the American's with Disabilities Act (ADA) and the Architectural Barriers Act (ABA).

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 2017 edition on March 28, 2017. Committee approval of the Standard does not necessarily imply that all Committee members voted for its approval.

Adoption

ICC A117.1–2017 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.

Interpretations

Requests for interpretations on the provisions of ICC A117.1–2017 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 A117.1-2017 do not accept any liability resulting from compliance or noncompliance with the provisions of ICC A117.1-2017. 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 standard indicate a technical change from the requirements of the 2009 edition. Deletion indicators in the form of an arrow (⬅) 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:

Chair . . . . . Kenneth M. Schoonover, PE
Vice Chair . . . . . Gina Hilberry, AIA
A117 Committee Secretary . . . . . Kermit C. Robinson, CBO

Organizational Member	**Representative**
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New Mexico Governor's Commission on Disability (NMGCD) (CU) . . . . . Hope Reed
. . . . . Daniel A. Fernandez (Alt)

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of the State Fire Marshal (NCOSFM)(R) . . . . . Laurel W. Wright

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. . . . . Gigi L. Scovel, AIA (Alt)

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. . . . . Jim Pecht (Alt)

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. . . . . William R. Downs (Alt)

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. . . . . Richard Williams (Alt)

World Institute on Disability (WID) (CU) . . . . . Hale Zukas

Individual Members
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Alan Gettelman (PD)
Jake L. Pauls, CPE (P)
Ed Roether (P)
John P. S. Salmen, FAIA (P)
Kenneth M. Schoonover, PE (P)

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.

The A117.1 standard committee would like to take a moment to recognize three members of the committee who were unable to see the fruits of their labor from this past cycle come to completion. Much of what has been accomplished would not have been possible without their contributions, expertise and passion for providing access to the disabled communities in the built environment. This edition of the standard will be a lasting tribute to their memory and a reminder for those who serve on the committee of what may be accomplished.

Brian D. Black – National Elevator Industry, Inc.
Ron Burton – Building Operators and Managers Association
Tricia Mason – Little People of America

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.

Voting Membership in Each Category

Category	Number
Builder/Owner/Operator - (BO)	8
Consumer/User - (CU)	11
Professional - (P)	15 (5 individual)
Producer/Distributor - (PD)	9 (1 individual)
Regulatory - (R)	9
TOTAL MEMBERS	**52**

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